



FCC SAR TEST REPORT

Report No. : FA660814

15	PI/2 BPSK	1	1	23.09	23.06	23.06	24.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	23.12	23.18	23.06	24.00

【FR1 n77 (270)_Ant 4_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					656000		
Frequency (MHz)					3840		
100	PI/2 BPSK	1	1		23.52		24.00
100	PI/2 BPSK	1	137		23.34		24.00
100	PI/2 BPSK	1	271		23.42		24.00
100	PI/2 BPSK	135	0		23.40		24.00
100	PI/2 BPSK	135	69		23.48		24.00
100	PI/2 BPSK	135	138		23.37		24.00
100	PI/2 BPSK	270	0		23.41		24.00
100	QPSK	1	1		23.43		24.00
100	QPSK	1	137		23.31		24.00
100	QPSK	1	271		23.42		24.00
100	QPSK	135	0		23.37		24.00
100	QPSK	135	69		23.27		24.00
100	QPSK	135	138		23.31		24.00
100	QPSK	270	0		23.32		24.00
100	16QAM	1	1		23.44		24.00
100	64QAM	1	1		23.45		24.00
100	256QAM	1	1		23.32		24.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	23.34	23.48	23.46	24.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	23.32	23.46	23.38	24.00
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	23.31	23.48	23.39	24.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	23.41	23.50	23.46	24.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	23.31	23.43	23.39	24.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	23.38	23.42	23.42	24.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	23.33	23.37	23.43	24.00
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	23.41	23.51	23.41	24.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	23.30	23.41	23.48	24.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	23.32	23.45	23.45	24.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	23.40	23.40	23.36	24.00



【FR1 n77 (27Q)_Ant 4_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.23		24.00
100	PI/2 BPSK	1	137		22.76		24.00
100	PI/2 BPSK	1	271		23.00		24.00
100	PI/2 BPSK	135	0		23.01		24.00
100	PI/2 BPSK	135	69		23.20		24.00
100	PI/2 BPSK	135	138		22.82		24.00
100	PI/2 BPSK	270	0		23.16		24.00
100	QPSK	1	1		23.20		24.00
100	QPSK	1	137		22.80		24.00
100	QPSK	1	271		22.99		24.00
100	QPSK	135	0		23.01		24.00
100	QPSK	135	69		22.82		24.00
100	QPSK	135	138		22.84		24.00
100	QPSK	270	0		22.88		24.00
100	16QAM	1	1		23.11		24.00
100	64QAM	1	1		23.14		24.00
100	256QAM	1	1		23.12		24.00
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	23.17	23.20	23.18	24.00
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	23.08	23.09	23.13	24.00
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	23.07	23.07	23.11	24.00
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	23.11	23.18	23.04	24.00
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	23.12	23.08	23.04	24.00
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	23.10	23.11	23.16	24.00
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	23.14	23.07	23.05	24.00
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	23.11	23.11	23.05	24.00
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	23.11	23.06	23.04	24.00
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	23.09	23.06	23.06	24.00
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	23.12	23.18	23.06	24.00

【FR1 n77 (27Q)_Ant 4_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					656000		
Frequency (MHz)					3840		
100	PI/2 BPSK	1	1		23.52		24.00
100	PI/2 BPSK	1	137		23.34		24.00
100	PI/2 BPSK	1	271		23.42		24.00
100	PI/2 BPSK	135	0		23.40		24.00
100	PI/2 BPSK	135	69		23.48		24.00
100	PI/2 BPSK	135	138		23.37		24.00
100	PI/2 BPSK	270	0		23.41		24.00
100	QPSK	1	1		23.43		24.00
100	QPSK	1	137		23.31		24.00
100	QPSK	1	271		23.42		24.00



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100	QPSK	135	0		23.37		24.00
100	QPSK	135	69		23.27		24.00
100	QPSK	135	138		23.31		24.00
100	QPSK	270	0		23.32		24.00
100	16QAM	1	1		23.44		24.00
100	64QAM	1	1		23.45		24.00
100	256QAM	1	1		23.32		24.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	23.34	23.48	23.46	24.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	23.32	23.46	23.38	24.00
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	23.31	23.48	23.39	24.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	23.41	23.50	23.46	24.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	23.31	23.43	23.39	24.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	23.38	23.42	23.42	24.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	23.33	23.37	23.43	24.00
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	23.41	23.51	23.41	24.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	23.30	23.41	23.48	24.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	23.32	23.45	23.45	24.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	23.40	23.40	23.36	24.00

【FR1 n77 (27Q)_Ant 4_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		19.15		19.90
100	PI/2 BPSK	1	137		19.12		19.90
100	PI/2 BPSK	1	271		19.08		19.90
100	PI/2 BPSK	135	0		19.05		19.90
100	PI/2 BPSK	135	69		19.12		19.90
100	PI/2 BPSK	135	138		18.95		19.90
100	PI/2 BPSK	270	0		19.00		19.90
100	QPSK	1	1		18.92		19.90
100	QPSK	1	137		19.14		19.90
100	QPSK	1	271		18.95		19.90
100	QPSK	135	0		19.07		19.90
100	QPSK	135	69		19.14		19.90
100	QPSK	135	138		19.11		19.90
100	QPSK	270	0		19.01		19.90
100	16QAM	1	1		19.02		19.90
100	64QAM	1	1		19.00		19.90
100	256QAM	1	1		18.94		19.90
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	19.11	18.92	18.99	19.90
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	18.98	18.78	18.90	19.90
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	19.06	18.86	18.85	19.90
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)



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60	PI/2 BPSK	1	1	19.10	18.89	18.92	19.90
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	19.02	18.83	18.89	19.90
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	19.06	18.80	18.96	19.90
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	19.04	18.82	18.95	19.90
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	18.96	18.89	18.91	19.90
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	19.07	18.81	18.86	19.90
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	19.02	18.80	18.86	19.90
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	19.09	18.80	18.89	19.90

【FR1 n77 (270)_Ant 4_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					656000		
Frequency (MHz)					3840		
100	PI/2 BPSK	1	1		19.48		19.90
100	PI/2 BPSK	1	137		19.32		19.90
100	PI/2 BPSK	1	271		19.23		19.90
100	PI/2 BPSK	135	0		19.31		19.90
100	PI/2 BPSK	135	69		19.42		19.90
100	PI/2 BPSK	135	138		19.37		19.90
100	PI/2 BPSK	270	0		19.35		19.90
100	QPSK	1	1		19.39		19.90
100	QPSK	1	137		19.29		19.90
100	QPSK	1	271		19.40		19.90
100	QPSK	135	0		19.38		19.90
100	QPSK	135	69		19.22		19.90
100	QPSK	135	138		19.38		19.90
100	QPSK	270	0		19.19		19.90
100	16QAM	1	1		19.40		19.90
100	64QAM	1	1		19.30		19.90
100	256QAM	1	1		19.37		19.90
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	19.27	19.42	19.34	19.90
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	19.35	19.47	19.38	19.90
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	19.41	19.41	19.33	19.90
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	19.39	19.35	19.41	19.90
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	19.35	19.36	19.44	19.90
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	19.37	19.41	19.38	19.90
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	19.40	19.43	19.34	19.90
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	19.35	19.42	19.39	19.90
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	19.41	19.47	19.35	19.90
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	



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15	PI/2 BPSK	1	1	19.31	19.43	19.33	19.90
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	19.29	19.39	19.37	19.90

【FR1 n77 (27Q)_Ant 4_DSI 6】

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		23.23		24.00
100	PI/2 BPSK	1	137		22.76		24.00
100	PI/2 BPSK	1	271		23.00		24.00
100	PI/2 BPSK	135	0		23.01		24.00
100	PI/2 BPSK	135	69		23.20		24.00
100	PI/2 BPSK	135	138		22.82		24.00
100	PI/2 BPSK	270	0		23.16		24.00
100	QPSK	1	1		23.20		24.00
100	QPSK	1	137		22.80		24.00
100	QPSK	1	271		22.99		24.00
100	QPSK	135	0		23.01		24.00
100	QPSK	135	69		22.82		24.00
100	QPSK	135	138		22.84		24.00
100	QPSK	270	0		22.88		24.00
100	16QAM	1	1		23.11		24.00
100	64QAM	1	1		23.14		24.00
100	256QAM	1	1		23.12		24.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	23.17	23.20	23.18	24.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	23.08	23.09	23.13	24.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	23.07	23.07	23.11	24.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	23.11	23.18	23.04	24.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	23.12	23.08	23.04	24.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	23.10	23.11	23.16	24.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	23.14	23.07	23.05	24.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	23.11	23.11	23.05	24.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	23.11	23.06	23.04	24.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	23.09	23.06	23.06	24.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	23.12	23.18	23.06	24.00

【FR1 n77 (27Q)_Ant 4_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					656000		
Frequency (MHz)					3840		
100	PI/2 BPSK	1	1		23.52		24.00
100	PI/2 BPSK	1	137		23.34		24.00
100	PI/2 BPSK	1	271		23.42		24.00



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100	PI/2 BPSK	135	0		23.40		24.00
100	PI/2 BPSK	135	69		23.48		24.00
100	PI/2 BPSK	135	138		23.37		24.00
100	PI/2 BPSK	270	0		23.41		24.00
100	QPSK	1	1		23.43		24.00
100	QPSK	1	137		23.31		24.00
100	QPSK	1	271		23.42		24.00
100	QPSK	135	0		23.37		24.00
100	QPSK	135	69		23.27		24.00
100	QPSK	135	138		23.31		24.00
100	QPSK	270	0		23.32		24.00
100	16QAM	1	1		23.44		24.00
100	64QAM	1	1		23.45		24.00
100	256QAM	1	1		23.32		24.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	23.34	23.48	23.46	24.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	23.32	23.46	23.38	24.00
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	23.31	23.48	23.39	24.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	23.41	23.50	23.46	24.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	23.31	23.43	23.39	24.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	23.38	23.42	23.42	24.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	23.33	23.37	23.43	24.00
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	23.41	23.51	23.41	24.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	23.30	23.41	23.48	24.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	23.32	23.45	23.45	24.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	23.40	23.40	23.36	24.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		13.37		14.30
100	PI/2 BPSK	1	137		13.22		14.30
100	PI/2 BPSK	1	271		13.29		14.30
100	PI/2 BPSK	135	0		13.27		14.30
100	PI/2 BPSK	135	69		13.31		14.30
100	PI/2 BPSK	135	138		13.26		14.30
100	PI/2 BPSK	270	0		13.23		14.30
100	QPSK	1	1		13.19		14.30
100	QPSK	1	137		13.20		14.30
100	QPSK	1	271		13.27		14.30
100	QPSK	135	0		13.21		14.30
100	QPSK	135	69		13.18		14.30
100	QPSK	135	138		13.19		14.30
100	QPSK	270	0		13.26		14.30
100	16QAM	1	1		13.19		14.30
100	64QAM	1	1		13.22		14.30
100	256QAM	1	1		13.22		14.30
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	13.15	13.23	13.18	14.30
Channel				632668	633332	634000	Tune-up limit



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Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	13.04	13.09	13.08	14.30
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	13.12	13.09	13.15	14.30
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	13.01	13.20	13.11	14.30
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	13.09	13.13	13.12	14.30
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	13.04	13.19	13.11	14.30
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	13.00	13.22	13.06	14.30
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	13.13	13.09	13.04	14.30
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	13.04	13.10	13.08	14.30
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	13.07	13.10	13.12	14.30
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	13.04	13.14	13.10	14.30

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					656000		
Frequency (MHz)					3840		
100	PI/2 BPSK	1	1		13.40		14.30
100	PI/2 BPSK	1	137		13.33		14.30
100	PI/2 BPSK	1	271		13.32		14.30
100	PI/2 BPSK	135	0		13.25		14.30
100	PI/2 BPSK	135	69		13.38		14.30
100	PI/2 BPSK	135	138		13.36		14.30
100	PI/2 BPSK	270	0		13.28		14.30
100	QPSK	1	1		13.26		14.30
100	QPSK	1	137		13.30		14.30
100	QPSK	1	271		13.32		14.30
100	QPSK	135	0		13.32		14.30
100	QPSK	135	69		13.31		14.30
100	QPSK	135	138		13.32		14.30
100	QPSK	270	0		13.33		14.30
100	16QAM	1	1		13.28		14.30
100	64QAM	1	1		13.28		14.30
100	256QAM	1	1		13.30		14.30
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	13.31	13.39	13.25	14.30
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	13.37	13.30	13.27	14.30
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	13.37	13.36	13.33	14.30
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	13.25	13.36	13.31	14.30
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	13.34	13.34	13.22	14.30
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	13.32	13.35	13.29	14.30
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	13.29	13.31	13.30	14.30
Channel				647500	656000	664500	Tune-up limit



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Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	13.28	13.37	13.30	14.30
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	13.35	13.26	13.33	14.30
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	13.33	13.31	13.30	14.30
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	13.25	13.28	13.31	14.30

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		19.15		19.90
100	PI/2 BPSK	1	137		19.12		19.90
100	PI/2 BPSK	1	271		19.08		19.90
100	PI/2 BPSK	135	0		19.05		19.90
100	PI/2 BPSK	135	69		19.12		19.90
100	PI/2 BPSK	135	138		18.95		19.90
100	PI/2 BPSK	270	0		19.00		19.90
100	QPSK	1	1		18.92		19.90
100	QPSK	1	137		19.14		19.90
100	QPSK	1	271		18.95		19.90
100	QPSK	135	0		19.07		19.90
100	QPSK	135	69		19.14		19.90
100	QPSK	135	138		19.11		19.90
100	QPSK	270	0		19.01		19.90
100	16QAM	1	1		19.02		19.90
100	64QAM	1	1		19.00		19.90
100	256QAM	1	1		18.94		19.90
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	19.11	18.92	18.99	19.90
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	18.98	18.78	18.90	19.90
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	19.06	18.86	18.85	19.90
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	19.10	18.89	18.92	19.90
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	19.02	18.83	18.89	19.90
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	19.06	18.80	18.96	19.90
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	19.04	18.82	18.95	19.90
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	18.96	18.89	18.91	19.90
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	19.07	18.81	18.86	19.90
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	19.02	18.80	18.86	19.90
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	19.09	18.80	18.89	19.90



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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					656000		
Frequency (MHz)					3840		
100	PI/2 BPSK	1	1		19.48		19.90
100	PI/2 BPSK	1	137		19.32		19.90
100	PI/2 BPSK	1	271		19.23		19.90
100	PI/2 BPSK	135	0		19.31		19.90
100	PI/2 BPSK	135	69		19.42		19.90
100	PI/2 BPSK	135	138		19.37		19.90
100	PI/2 BPSK	270	0		19.35		19.90
100	QPSK	1	1		19.39		19.90
100	QPSK	1	137		19.29		19.90
100	QPSK	1	271		19.40		19.90
100	QPSK	135	0		19.38		19.90
100	QPSK	135	69		19.22		19.90
100	QPSK	135	138		19.38		19.90
100	QPSK	270	0		19.19		19.90
100	16QAM	1	1		19.40		19.90
100	64QAM	1	1		19.30		19.90
100	256QAM	1	1		19.37		19.90
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	19.27	19.42	19.34	19.90
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	19.35	19.47	19.38	19.90
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	19.41	19.41	19.33	19.90
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	19.39	19.35	19.41	19.90
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	19.35	19.36	19.44	19.90
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	19.37	19.41	19.38	19.90
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	19.40	19.43	19.34	19.90
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	19.35	19.42	19.39	19.90
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	19.41	19.47	19.35	19.90
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	19.31	19.43	19.33	19.90
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	19.29	19.39	19.37	19.90

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.23		24.00
100	PI/2 BPSK	1	137		22.76		24.00
100	PI/2 BPSK	1	271		23.00		24.00
100	PI/2 BPSK	135	0		23.01		24.00
100	PI/2 BPSK	135	69		23.20		24.00
100	PI/2 BPSK	135	138		22.82		24.00
100	PI/2 BPSK	270	0		23.16		24.00
100	QPSK	1	1		23.20		24.00
100	QPSK	1	137		22.80		24.00
100	QPSK	1	271		22.99		24.00



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100	QPSK	135	0		23.01		24.00
100	QPSK	135	69		22.82		24.00
100	QPSK	135	138		22.84		24.00
100	QPSK	270	0		22.88		24.00
100	16QAM	1	1		23.11		24.00
100	64QAM	1	1		23.14		24.00
100	256QAM	1	1		23.12		24.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	23.17	23.20	23.18	24.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	23.08	23.09	23.13	24.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	23.07	23.07	23.11	24.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	23.11	23.18	23.04	24.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	23.12	23.08	23.04	24.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	23.10	23.11	23.16	24.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	23.14	23.07	23.05	24.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	23.11	23.11	23.05	24.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	23.11	23.06	23.04	24.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	23.09	23.06	23.06	24.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	23.12	23.18	23.06	24.00

【FR1 n77 (270)_Ant 4_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					656000		
Frequency (MHz)					3840		
100	PI/2 BPSK	1	1		23.52		24.00
100	PI/2 BPSK	1	137		23.34		24.00
100	PI/2 BPSK	1	271		23.42		24.00
100	PI/2 BPSK	135	0		23.40		24.00
100	PI/2 BPSK	135	69		23.48		24.00
100	PI/2 BPSK	135	138		23.37		24.00
100	PI/2 BPSK	270	0		23.41		24.00
100	QPSK	1	1		23.43		24.00
100	QPSK	1	137		23.31		24.00
100	QPSK	1	271		23.42		24.00
100	QPSK	135	0		23.37		24.00
100	QPSK	135	69		23.27		24.00
100	QPSK	135	138		23.31		24.00
100	QPSK	270	0		23.32		24.00
100	16QAM	1	1		23.44		24.00
100	64QAM	1	1		23.45		24.00
100	256QAM	1	1		23.32		24.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	23.34	23.48	23.46	24.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	23.32	23.46	23.38	24.00
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	23.31	23.48	23.39	24.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)



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60	PI/2 BPSK	1	1	23.41	23.50	23.46	24.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	23.31	23.43	23.39	24.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	23.38	23.42	23.42	24.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	23.33	23.37	23.43	24.00
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	23.41	23.51	23.41	24.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	23.30	23.41	23.48	24.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	23.32	23.45	23.45	24.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	23.40	23.40	23.36	24.00

【FR1 n77 (27Q)_HPUE_Ant 4_Full Power】

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		26.23		27.00
100	PI/2 BPSK	1	137		25.77		27.00
100	PI/2 BPSK	1	271		25.97		27.00
100	PI/2 BPSK	135	0		25.96		27.00
100	PI/2 BPSK	135	69		26.20		27.00
100	PI/2 BPSK	135	138		25.84		27.00
100	PI/2 BPSK	270	0		26.18		27.00
100	QPSK	1	1		26.19		27.00
100	QPSK	1	137		25.79		27.00
100	QPSK	1	271		25.91		27.00
100	QPSK	135	0		26.01		27.00
100	QPSK	135	69		25.82		27.00
100	QPSK	135	138		25.81		27.00
100	QPSK	270	0		25.89		27.00
100	16QAM	1	1		26.14		27.00
100	64QAM	1	1		25.46		25.50
100	256QAM	1	1		22.84		24.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	26.17	26.19	26.15	27.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	26.14	26.12	26.06	27.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	26.08	26.13	26.03	27.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	26.04	26.11	26.13	27.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	26.10	26.07	26.10	27.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	26.04	26.11	26.05	27.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	26.15	26.09	26.04	27.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	26.06	26.07	26.08	27.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	26.13	26.13	26.10	27.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)



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15	PI/2 BPSK	1	1	26.07	26.07	26.00	27.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	26.12	26.18	26.04	27.00

【FR1 n77 (270)_HPUE_Ant 4_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					656000		
Frequency (MHz)					3840		
100	PI/2 BPSK	1	1		26.44		27.00
100	PI/2 BPSK	1	137		26.36		27.00
100	PI/2 BPSK	1	271		26.42		27.00
100	PI/2 BPSK	135	0		26.31		27.00
100	PI/2 BPSK	135	69		26.38		27.00
100	PI/2 BPSK	135	138		26.31		27.00
100	PI/2 BPSK	270	0		26.35		27.00
100	QPSK	1	1		26.32		27.00
100	QPSK	1	137		26.30		27.00
100	QPSK	1	271		26.46		27.00
100	QPSK	135	0		26.39		27.00
100	QPSK	135	69		26.27		27.00
100	QPSK	135	138		26.30		27.00
100	QPSK	270	0		26.33		27.00
100	16QAM	1	1		26.28		27.00
100	64QAM	1	1		25.58		26.00
100	256QAM	1	1		23.60		25.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	26.27	26.30	26.40	27.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	26.34	26.41	26.38	27.00
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	26.30	26.29	26.36	27.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	26.28	26.43	26.36	27.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	26.35	26.36	26.37	27.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	26.36	26.40	26.41	27.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	26.26	26.29	26.42	27.00
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	26.25	26.34	26.30	27.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	26.35	26.30	26.28	27.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	26.30	26.38	26.36	27.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	26.26	26.40	26.42	27.00

**【FR1 n77 (27Q)_HPUE_Ant 4_DSI 2】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		26.23		27.00
100	PI/2 BPSK	1	137		25.77		27.00
100	PI/2 BPSK	1	271		25.97		27.00
100	PI/2 BPSK	135	0		25.96		27.00
100	PI/2 BPSK	135	69		26.20		27.00
100	PI/2 BPSK	135	138		25.84		27.00
100	PI/2 BPSK	270	0		26.18		27.00
100	QPSK	1	1		26.19		27.00
100	QPSK	1	137		25.79		27.00
100	QPSK	1	271		25.91		27.00
100	QPSK	135	0		26.01		27.00
100	QPSK	135	69		25.82		27.00
100	QPSK	135	138		25.81		27.00
100	QPSK	270	0		25.89		27.00
100	16QAM	1	1		26.14		27.00
100	64QAM	1	1		25.46		26.00
100	256QAM	1	1		22.84		24.00
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	26.17	26.19	26.15	27.00
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	26.14	26.12	26.06	27.00
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	26.08	26.13	26.03	27.00
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	26.04	26.11	26.13	27.00
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	26.10	26.07	26.10	27.00
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	26.04	26.11	26.05	27.00
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	26.15	26.09	26.04	27.00
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	26.06	26.07	26.08	27.00
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	26.13	26.13	26.10	27.00
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	26.07	26.07	26.00	27.00
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	26.12	26.18	26.04	27.00

【FR1 n77 (27O)_HPUE_Ant 4_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					656000		
Frequency (MHz)					3840		
100	PI/2 BPSK	1	1		26.44		27.00
100	PI/2 BPSK	1	137		26.36		27.00
100	PI/2 BPSK	1	271		26.42		27.00
100	PI/2 BPSK	135	0		26.31		27.00
100	PI/2 BPSK	135	69		26.38		27.00
100	PI/2 BPSK	135	138		26.31		27.00
100	PI/2 BPSK	270	0		26.35		27.00
100	QPSK	1	1		26.32		27.00
100	QPSK	1	137		26.30		27.00
100	QPSK	1	271		26.46		27.00



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100	QPSK	135	0		26.39		27.00
100	QPSK	135	69		26.27		27.00
100	QPSK	135	138		26.30		27.00
100	QPSK	270	0		26.33		27.00
100	16QAM	1	1		26.28		27.00
100	64QAM	1	1		25.58		26.00
100	256QAM	1	1		23.60		24.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	26.27	26.30	26.40	27.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	26.34	26.41	26.38	27.00
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	26.30	26.29	26.36	27.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	26.28	26.43	26.36	27.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	26.35	26.36	26.37	27.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	26.36	26.40	26.41	27.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	26.26	26.29	26.42	27.00
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	26.25	26.34	26.30	27.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	26.35	26.30	26.28	27.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	26.30	26.38	26.36	27.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	26.26	26.40	26.42	27.00

【FR1 n77 (27Q)_HPUE_Ant 4_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		22.14		22.90
100	PI/2 BPSK	1	137		22.11		22.90
100	PI/2 BPSK	1	271		22.08		22.90
100	PI/2 BPSK	135	0		21.98		22.90
100	PI/2 BPSK	135	69		22.12		22.90
100	PI/2 BPSK	135	138		21.92		22.90
100	PI/2 BPSK	270	0		22.07		22.90
100	QPSK	1	1		21.99		22.90
100	QPSK	1	137		21.93		22.90
100	QPSK	1	271		22.10		22.90
100	QPSK	135	0		22.04		22.90
100	QPSK	135	69		22.02		22.90
100	QPSK	135	138		22.07		22.90
100	QPSK	270	0		22.13		22.90
100	16QAM	1	1		21.96		22.90
100	64QAM	1	1		22.09		22.90
100	256QAM	1	1		22.05		22.90
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	22.05	22.07	22.01	22.90
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	22.00	21.99	21.88	22.90
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	21.96	21.95	21.99	22.90
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)



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60	PI/2 BPSK	1	1	22.01	21.97	21.86	22.90
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	21.97	21.96	21.87	22.90
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	21.98	22.00	21.95	22.90
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	21.97	21.93	21.87	22.90
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	21.94	21.93	21.90	22.90
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	22.00	21.93	21.86	22.90
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	21.92	22.05	21.89	22.90
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	21.92	22.03	21.91	22.90

【FR1 n77 (270)_HPUE_Ant 4_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					656000		
Frequency (MHz)					3840		
100	PI/2 BPSK	1	1		22.34		22.90
100	PI/2 BPSK	1	137		22.25		22.90
100	PI/2 BPSK	1	271		22.10		22.90
100	PI/2 BPSK	135	0		22.22		22.90
100	PI/2 BPSK	135	69		22.31		22.90
100	PI/2 BPSK	135	138		22.20		22.90
100	PI/2 BPSK	270	0		22.26		22.90
100	QPSK	1	1		22.20		22.90
100	QPSK	1	137		22.31		22.90
100	QPSK	1	271		22.23		22.90
100	QPSK	135	0		22.20		22.90
100	QPSK	135	69		22.19		22.90
100	QPSK	135	138		22.17		22.90
100	QPSK	270	0		22.24		22.90
100	16QAM	1	1		22.24		22.90
100	64QAM	1	1		22.16		22.90
100	256QAM	1	1		22.19		22.90
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	22.28	22.20	22.22	22.90
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	22.22	22.27	22.23	22.90
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	22.20	22.21	22.28	22.90
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	22.21	22.25	22.25	22.90
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	22.25	22.30	22.15	22.90
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	22.23	22.21	22.17	22.90
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	22.28	22.26	22.19	22.90
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	22.22	22.24	22.22	22.90
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	22.27	22.22	22.26	22.90
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)



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15	PI/2 BPSK	1	1	22.24	22.26	22.27	22.90
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	22.19	22.22	22.16	22.90

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		26.23		27.00
100	PI/2 BPSK	1	137		25.77		27.00
100	PI/2 BPSK	1	271		25.97		27.00
100	PI/2 BPSK	135	0		25.96		27.00
100	PI/2 BPSK	135	69		26.20		27.00
100	PI/2 BPSK	135	138		25.84		27.00
100	PI/2 BPSK	270	0		26.18		27.00
100	QPSK	1	1		26.19		27.00
100	QPSK	1	137		25.79		27.00
100	QPSK	1	271		25.91		27.00
100	QPSK	135	0		26.01		27.00
100	QPSK	135	69		25.82		27.00
100	QPSK	135	138		25.81		27.00
100	QPSK	270	0		25.89		27.00
100	16QAM	1	1		26.14		27.00
100	64QAM	1	1		25.46		25.50
100	256QAM	1	1		22.84		24.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	26.17	26.19	26.15	27.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	26.14	26.12	26.06	27.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	26.08	26.13	26.03	27.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	26.04	26.11	26.13	27.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	26.10	26.07	26.10	27.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	26.04	26.11	26.05	27.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	26.15	26.09	26.04	27.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	26.06	26.07	26.08	27.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	26.13	26.13	26.10	27.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	26.07	26.07	26.00	27.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	26.12	26.18	26.04	27.00

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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					656000		
Frequency (MHz)					3840		
100	PI/2 BPSK	1	1		26.44		27.00
100	PI/2 BPSK	1	137		26.36		27.00
100	PI/2 BPSK	1	271		26.42		27.00



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100	PI/2 BPSK	135	0		26.31		27.00
100	PI/2 BPSK	135	69		26.38		27.00
100	PI/2 BPSK	135	138		26.31		27.00
100	PI/2 BPSK	270	0		26.35		27.00
100	QPSK	1	1		26.32		27.00
100	QPSK	1	137		26.30		27.00
100	QPSK	1	271		26.46		27.00
100	QPSK	135	0		26.39		27.00
100	QPSK	135	69		26.27		27.00
100	QPSK	135	138		26.30		27.00
100	QPSK	270	0		26.33		27.00
100	16QAM	1	1		26.28		27.00
100	64QAM	1	1		25.43		25.50
100	256QAM	1	1		23.60		24.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	26.27	26.30	26.40	27.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	26.34	26.41	26.38	27.00
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	26.30	26.29	26.36	27.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	26.28	26.43	26.36	27.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	26.35	26.36	26.37	27.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	26.36	26.40	26.41	27.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	26.26	26.29	26.42	27.00
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	26.25	26.34	26.30	27.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	26.35	26.30	26.28	27.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	26.30	26.38	26.36	27.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	26.26	26.40	26.42	27.00

【FR1 n77 (27Q)_HPUE_Ant 4_DSI 12】

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		16.35		17.30
100	PI/2 BPSK	1	137		16.23		17.30
100	PI/2 BPSK	1	271		16.22		17.30
100	PI/2 BPSK	135	0		16.30		17.30
100	PI/2 BPSK	135	69		16.34		17.30
100	PI/2 BPSK	135	138		16.22		17.30
100	PI/2 BPSK	270	0		16.26		17.30
100	QPSK	1	1		16.24		17.30
100	QPSK	1	137		16.27		17.30
100	QPSK	1	271		16.26		17.30
100	QPSK	135	0		16.31		17.30
100	QPSK	135	69		16.32		17.30
100	QPSK	135	138		16.29		17.30
100	QPSK	270	0		16.32		17.30
100	16QAM	1	1		16.33		17.30
100	64QAM	1	1		16.29		17.30
100	256QAM	1	1		16.27		17.30
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	16.22	16.31	16.23	17.30
Channel				632668	633332	634000	Tune-up limit



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Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	16.15	16.29	16.10	17.30
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	16.08	16.29	16.13	17.30
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	16.20	16.28	16.19	17.30
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	16.17	16.25	16.09	17.30
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	16.07	16.22	16.15	17.30
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	16.14	16.18	16.12	17.30
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	16.16	16.23	16.09	17.30
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	16.08	16.26	16.21	17.30
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	16.11	16.19	16.18	17.30
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	16.11	16.18	16.21	17.30

【FR1 n77 (270)_HPUE_Ant 4_DSI 12】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					656000		
Frequency (MHz)					3840		
100	PI/2 BPSK	1	1		16.46		17.30
100	PI/2 BPSK	1	137		16.37		17.30
100	PI/2 BPSK	1	271		16.35		17.30
100	PI/2 BPSK	135	0		16.34		17.30
100	PI/2 BPSK	135	69		16.45		17.30
100	PI/2 BPSK	135	138		16.41		17.30
100	PI/2 BPSK	270	0		16.34		17.30
100	QPSK	1	1		16.39		17.30
100	QPSK	1	137		16.39		17.30
100	QPSK	1	271		16.32		17.30
100	QPSK	135	0		16.31		17.30
100	QPSK	135	69		16.40		17.30
100	QPSK	135	138		16.37		17.30
100	QPSK	270	0		16.40		17.30
100	16QAM	1	1		16.34		17.30
100	64QAM	1	1		16.36		17.30
100	256QAM	1	1		16.41		17.30
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	16.40	16.43	16.35	17.30
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	16.42	16.43	16.42	17.30
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	16.34	16.36	16.33	17.30
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	16.34	16.42	16.41	17.30
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	16.30	16.36	16.35	17.30
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	16.41	16.37	16.32	17.30
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	16.40	16.32	16.29	17.30
Channel				647500	656000	664500	Tune-up limit



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Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	16.43	16.33	16.30	17.30
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	16.40	16.41	16.32	17.30
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	16.33	16.36	16.36	17.30
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	16.31	16.35	16.29	17.30

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		22.14		22.90
100	PI/2 BPSK	1	137		22.11		22.90
100	PI/2 BPSK	1	271		22.08		22.90
100	PI/2 BPSK	135	0		21.98		22.90
100	PI/2 BPSK	135	69		22.12		22.90
100	PI/2 BPSK	135	138		21.92		22.90
100	PI/2 BPSK	270	0		22.07		22.90
100	QPSK	1	1		21.99		22.90
100	QPSK	1	137		21.93		22.90
100	QPSK	1	271		22.10		22.90
100	QPSK	135	0		22.04		22.90
100	QPSK	135	69		22.02		22.90
100	QPSK	135	138		22.07		22.90
100	QPSK	270	0		22.13		22.90
100	16QAM	1	1		21.96		22.90
100	64QAM	1	1		22.09		22.90
100	256QAM	1	1		22.05		22.90
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	22.05	22.07	22.01	22.90
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	22.00	21.99	21.88	22.90
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	21.96	21.95	21.99	22.90
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	22.01	21.97	21.86	22.90
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	21.97	21.96	21.87	22.90
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	21.98	22.00	21.95	22.90
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	21.97	21.93	21.87	22.90
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	21.94	21.93	21.90	22.90
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	22.00	21.93	21.86	22.90
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	21.92	22.05	21.89	22.90
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	21.92	22.03	21.91	22.90



【FR1 n77 (270)_HPUE_Ant 4_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					656000		
Frequency (MHz)					3840		
100	PI/2 BPSK	1	1		22.34		22.90
100	PI/2 BPSK	1	137		22.25		22.90
100	PI/2 BPSK	1	271		22.10		22.90
100	PI/2 BPSK	135	0		22.22		22.90
100	PI/2 BPSK	135	69		22.31		22.90
100	PI/2 BPSK	135	138		22.20		22.90
100	PI/2 BPSK	270	0		22.26		22.90
100	QPSK	1	1		22.20		22.90
100	QPSK	1	137		22.31		22.90
100	QPSK	1	271		22.23		22.90
100	QPSK	135	0		22.20		22.90
100	QPSK	135	69		22.19		22.90
100	QPSK	135	138		22.17		22.90
100	QPSK	270	0		22.24		22.90
100	16QAM	1	1		22.24		22.90
100	64QAM	1	1		22.16		22.90
100	256QAM	1	1		22.19		22.90
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	22.28	22.20	22.22	22.90
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	22.22	22.27	22.23	22.90
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	22.20	22.21	22.28	22.90
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	22.21	22.25	22.25	22.90
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	22.25	22.30	22.15	22.90
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	22.23	22.21	22.17	22.90
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	22.28	22.26	22.19	22.90
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	22.22	22.24	22.22	22.90
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	22.27	22.22	22.26	22.90
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	22.24	22.26	22.27	22.90
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	22.19	22.22	22.16	22.90

【FR1 n77 (27Q)_HPUE_Ant 4_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		26.23		27.00
100	PI/2 BPSK	1	137		25.77		27.00
100	PI/2 BPSK	1	271		25.97		27.00
100	PI/2 BPSK	135	0		25.96		27.00
100	PI/2 BPSK	135	69		26.20		27.00
100	PI/2 BPSK	135	138		25.84		27.00
100	PI/2 BPSK	270	0		26.18		27.00
100	QPSK	1	1		26.19		27.00
100	QPSK	1	137		25.79		27.00
100	QPSK	1	271		25.91		27.00



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100	QPSK	135	0		26.01		27.00
100	QPSK	135	69		25.82		27.00
100	QPSK	135	138		25.81		27.00
100	QPSK	270	0		25.89		27.00
100	16QAM	1	1		26.14		27.00
100	64QAM	1	1		25.46		26.00
100	256QAM	1	1		22.84		24.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	26.17	26.19	26.15	27.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	26.14	26.12	26.06	27.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	26.08	26.13	26.03	27.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	26.04	26.11	26.13	27.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	26.10	26.07	26.10	27.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	26.04	26.11	26.05	27.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	26.15	26.09	26.04	27.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	26.06	26.07	26.08	27.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	26.13	26.13	26.10	27.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	26.07	26.07	26.00	27.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	26.12	26.18	26.04	27.00

【FR1 n77 (270)_HPUE_Ant 4_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					656000		
Frequency (MHz)					3840		
100	PI/2 BPSK	1	1		26.44		27.00
100	PI/2 BPSK	1	137		26.36		27.00
100	PI/2 BPSK	1	271		26.42		27.00
100	PI/2 BPSK	135	0		26.31		27.00
100	PI/2 BPSK	135	69		26.38		27.00
100	PI/2 BPSK	135	138		26.31		27.00
100	PI/2 BPSK	270	0		26.35		27.00
100	QPSK	1	1		26.32		27.00
100	QPSK	1	137		26.30		27.00
100	QPSK	1	271		26.46		27.00
100	QPSK	135	0		26.39		27.00
100	QPSK	135	69		26.27		27.00
100	QPSK	135	138		26.30		27.00
100	QPSK	270	0		26.33		27.00
100	16QAM	1	1		26.28		27.00
100	64QAM	1	1		25.58		26.00
100	256QAM	1	1		23.60		24.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	26.27	26.30	26.40	27.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	26.34	26.41	26.38	27.00
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	26.30	26.29	26.36	27.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)



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60	PI/2 BPSK	1	1	26.28	26.43	26.36	27.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	26.35	26.36	26.37	27.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	26.36	26.40	26.41	27.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	26.26	26.29	26.42	27.00
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	26.25	26.34	26.30	27.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	26.35	26.30	26.28	27.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	26.30	26.38	26.36	27.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	26.26	26.40	26.42	27.00

【FR1 n77 (27Q)_Ant 6_Full Power】

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		23.34		24.00
100	PI/2 BPSK	1	137		22.71		24.00
100	PI/2 BPSK	1	271		23.05		24.00
100	PI/2 BPSK	135	0		22.97		24.00
100	PI/2 BPSK	135	69		23.24		24.00
100	PI/2 BPSK	135	138		22.72		24.00
100	PI/2 BPSK	270	0		23.09		24.00
100	QPSK	1	1		23.14		24.00
100	QPSK	1	137		22.77		24.00
100	QPSK	1	271		23.01		24.00
100	QPSK	135	0		23.00		24.00
100	QPSK	135	69		22.81		24.00
100	QPSK	135	138		22.78		24.00
100	QPSK	270	0		22.90		24.00
100	16QAM	1	1		23.12		24.00
100	64QAM	1	1		23.14		24.00
100	256QAM	1	1		23.25		24.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	23.25	23.27	23.21	24.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	23.20	23.23	23.09	24.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	23.11	23.18	23.16	24.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	23.24	23.13	23.07	24.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	23.22	23.14	23.12	24.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	23.13	23.20	23.12	24.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	23.11	23.23	23.09	24.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	23.11	23.22	23.15	24.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	23.23	23.23	23.16	24.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)



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15	PI/2 BPSK	1	1	23.21	23.18	23.17	24.00
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	23.23	23.20	23.17	24.00

【FR1 n77 (270)_Ant 6_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					656000		
Frequency (MHz)					3840		
100	PI/2 BPSK	1	1		23.40		24.00
100	PI/2 BPSK	1	137		23.12		24.00
100	PI/2 BPSK	1	271		23.26		24.00
100	PI/2 BPSK	135	0		23.21		24.00
100	PI/2 BPSK	135	69		23.34		24.00
100	PI/2 BPSK	135	138		23.11		24.00
100	PI/2 BPSK	270	0		23.32		24.00
100	QPSK	1	1		23.38		24.00
100	QPSK	1	137		23.08		24.00
100	QPSK	1	271		23.17		24.00
100	QPSK	135	0		23.22		24.00
100	QPSK	135	69		23.04		24.00
100	QPSK	135	138		23.04		24.00
100	QPSK	270	0		23.13		24.00
100	16QAM	1	1		23.31		24.00
100	64QAM	1	1		23.35		24.00
100	256QAM	1	1		23.21		24.00
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	23.25	23.36	23.28	24.00
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	23.29	23.25	23.22	24.00
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	23.25	23.27	23.20	24.00
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	23.33	23.31	23.27	24.00
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	23.21	23.35	23.30	24.00
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	23.30	23.30	23.23	24.00
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	23.30	23.33	23.28	24.00
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	23.26	23.31	23.21	24.00
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	23.24	23.28	23.27	24.00
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	23.31	23.31	23.17	24.00
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	23.27	23.31	23.17	24.00

【FR1 n77 (27Q)_Ant 6_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.34		24.00
100	PI/2 BPSK	1	137		22.71		24.00
100	PI/2 BPSK	1	271		23.05		24.00



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100	PI/2 BPSK	135	0		22.97		24.00
100	PI/2 BPSK	135	69		23.24		24.00
100	PI/2 BPSK	135	138		22.72		24.00
100	PI/2 BPSK	270	0		23.09		24.00
100	QPSK	1	1		23.14		24.00
100	QPSK	1	137		22.77		24.00
100	QPSK	1	271		23.01		24.00
100	QPSK	135	0		23.00		24.00
100	QPSK	135	69		22.81		24.00
100	QPSK	135	138		22.78		24.00
100	QPSK	270	0		22.90		24.00
100	16QAM	1	1		23.12		24.00
100	64QAM	1	1		23.14		24.00
100	256QAM	1	1		23.25		24.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	23.25	23.27	23.21	24.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	23.20	23.23	23.09	24.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	23.11	23.18	23.16	24.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	23.24	23.13	23.07	24.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	23.22	23.14	23.12	24.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	23.13	23.20	23.12	24.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	23.11	23.23	23.09	24.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	23.11	23.22	23.15	24.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	23.23	23.23	23.16	24.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	23.21	23.18	23.17	24.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	23.23	23.20	23.17	24.00

【FR1 n77 (270)_Ant 6_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					656000		
Frequency (MHz)					3840		
100	PI/2 BPSK	1	1		23.40		24.00
100	PI/2 BPSK	1	137		23.12		24.00
100	PI/2 BPSK	1	271		23.26		24.00
100	PI/2 BPSK	135	0		23.21		24.00
100	PI/2 BPSK	135	69		23.34		24.00
100	PI/2 BPSK	135	138		23.11		24.00
100	PI/2 BPSK	270	0		23.32		24.00
100	QPSK	1	1		23.38		24.00
100	QPSK	1	137		23.08		24.00
100	QPSK	1	271		23.17		24.00
100	QPSK	135	0		23.22		24.00
100	QPSK	135	69		23.04		24.00
100	QPSK	135	138		23.04		24.00
100	QPSK	270	0		23.13		24.00
100	16QAM	1	1		23.31		24.00
100	64QAM	1	1		23.35		24.00
100	256QAM	1	1		23.21		24.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	23.25	23.36	23.28	24.00
Channel				649334	656000	662666	Tune-up limit



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Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	23.29	23.25	23.22	24.00
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	23.25	23.27	23.20	24.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	23.33	23.31	23.27	24.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	23.21	23.35	23.30	24.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	23.30	23.30	23.23	24.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	23.30	23.33	23.28	24.00
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	23.26	23.31	23.21	24.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	23.24	23.28	23.27	24.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	23.31	23.31	23.17	24.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	23.27	23.31	23.17	24.00

【FR1 n77 (27Q)_Ant 6_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.25		22.40
100	PI/2 BPSK	1	137		21.15		22.40
100	PI/2 BPSK	1	271		21.15		22.40
100	PI/2 BPSK	135	0		21.12		22.40
100	PI/2 BPSK	135	69		21.21		22.40
100	PI/2 BPSK	135	138		21.10		22.40
100	PI/2 BPSK	270	0		21.15		22.40
100	QPSK	1	1		21.03		22.40
100	QPSK	1	137		21.09		22.40
100	QPSK	1	271		21.21		22.40
100	QPSK	135	0		21.09		22.40
100	QPSK	135	69		21.13		22.40
100	QPSK	135	138		21.23		22.40
100	QPSK	270	0		21.01		22.40
100	16QAM	1	1		21.06		22.40
100	64QAM	1	1		21.06		22.40
100	256QAM	1	1		21.01		22.40
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	21.02	21.22	21.02	22.40
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	20.91	21.14	20.90	22.40
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	21.00	21.09	20.93	22.40
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	20.94	21.08	20.93	22.40
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	20.92	21.13	20.92	22.40
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	20.98	21.19	21.00	22.40
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	20.90	21.11	20.93	22.40
Channel				630834	633332	635832	Tune-up limit



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Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	20.99	21.19	21.01	22.40
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	20.88	21.21	21.00	22.40
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	20.96	21.12	20.97	22.40
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	20.98	21.20	20.91	22.40

【FR1 n77 (270)_Ant 6_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					656000		
Frequency (MHz)					3840		
100	PI/2 BPSK	1	1		21.30		22.40
100	PI/2 BPSK	1	137		21.20		22.40
100	PI/2 BPSK	1	271		21.20		22.40
100	PI/2 BPSK	135	0		21.09		22.40
100	PI/2 BPSK	135	69		21.28		22.40
100	PI/2 BPSK	135	138		21.07		22.40
100	PI/2 BPSK	270	0		21.23		22.40
100	QPSK	1	1		21.22		22.40
100	QPSK	1	137		21.29		22.40
100	QPSK	1	271		21.09		22.40
100	QPSK	135	0		21.26		22.40
100	QPSK	135	69		21.13		22.40
100	QPSK	135	138		21.07		22.40
100	QPSK	270	0		21.15		22.40
100	16QAM	1	1		21.25		22.40
100	64QAM	1	1		21.23		22.40
100	256QAM	1	1		21.29		22.40
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	21.18	21.16	21.24	22.40
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	21.23	21.17	21.13	22.40
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	21.14	21.24	21.23	22.40
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	21.11	21.28	21.25	22.40
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	21.24	21.25	21.22	22.40
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	21.24	21.25	21.17	22.40
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	21.23	21.25	21.24	22.40
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	21.12	21.28	21.19	22.40
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	21.13	21.23	21.19	22.40
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	21.14	21.27	21.21	22.40
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	21.19	21.27	21.19	22.40

**【FR1 n77 (27Q)_Ant 6_DSI 6】**

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		23.34		24.00
100	PI/2 BPSK	1	137		22.71		24.00
100	PI/2 BPSK	1	271		23.05		24.00
100	PI/2 BPSK	135	0		22.97		24.00
100	PI/2 BPSK	135	69		23.24		24.00
100	PI/2 BPSK	135	138		22.72		24.00
100	PI/2 BPSK	270	0		23.09		24.00
100	QPSK	1	1		23.14		24.00
100	QPSK	1	137		22.77		24.00
100	QPSK	1	271		23.01		24.00
100	QPSK	135	0		23.00		24.00
100	QPSK	135	69		22.81		24.00
100	QPSK	135	138		22.78		24.00
100	QPSK	270	0		22.90		24.00
100	16QAM	1	1		23.12		24.00
100	64QAM	1	1		23.14		24.00
100	256QAM	1	1		23.25		24.00
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	23.25	23.27	23.21	24.00
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	23.20	23.23	23.09	24.00
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	23.11	23.18	23.16	24.00
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	23.24	23.13	23.07	24.00
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	23.22	23.14	23.12	24.00
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	23.13	23.20	23.12	24.00
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	23.11	23.23	23.09	24.00
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	23.11	23.22	23.15	24.00
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	23.23	23.23	23.16	24.00
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	23.21	23.18	23.17	24.00
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	23.23	23.20	23.17	24.00

【FR1 n77 (27Q)_Ant 6_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					656000		
Frequency (MHz)					3840		
100	PI/2 BPSK	1	1		23.40		24.00
100	PI/2 BPSK	1	137		23.12		24.00
100	PI/2 BPSK	1	271		23.26		24.00
100	PI/2 BPSK	135	0		23.21		24.00
100	PI/2 BPSK	135	69		23.34		24.00
100	PI/2 BPSK	135	138		23.11		24.00
100	PI/2 BPSK	270	0		23.32		24.00
100	QPSK	1	1		23.38		24.00
100	QPSK	1	137		23.08		24.00
100	QPSK	1	271		23.17		24.00



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100	QPSK	135	0		23.22		24.00
100	QPSK	135	69		23.04		24.00
100	QPSK	135	138		23.04		24.00
100	QPSK	270	0		23.13		24.00
100	16QAM	1	1		23.31		24.00
100	64QAM	1	1		23.35		24.00
100	256QAM	1	1		23.21		24.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	23.25	23.36	23.28	24.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	23.29	23.25	23.22	24.00
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	23.25	23.27	23.20	24.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	23.33	23.31	23.27	24.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	23.21	23.35	23.30	24.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	23.30	23.30	23.23	24.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	23.30	23.33	23.28	24.00
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	23.26	23.31	23.21	24.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	23.24	23.28	23.27	24.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	23.31	23.31	23.17	24.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	23.27	23.31	23.17	24.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		14.42		15.00
100	PI/2 BPSK	1	137		14.34		15.00
100	PI/2 BPSK	1	271		14.39		15.00
100	PI/2 BPSK	135	0		14.35		15.00
100	PI/2 BPSK	135	69		14.41		15.00
100	PI/2 BPSK	135	138		14.27		15.00
100	PI/2 BPSK	270	0		14.36		15.00
100	QPSK	1	1		14.30		15.00
100	QPSK	1	137		14.35		15.00
100	QPSK	1	271		14.37		15.00
100	QPSK	135	0		14.34		15.00
100	QPSK	135	69		14.36		15.00
100	QPSK	135	138		14.38		15.00
100	QPSK	270	0		14.34		15.00
100	16QAM	1	1		14.37		15.00
100	64QAM	1	1		14.27		15.00
100	256QAM	1	1		14.34		15.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	14.24	14.27	14.15	15.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	14.12	14.14	14.14	15.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	14.21	14.18	14.13	15.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)



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60	PI/2 BPSK	1	1	14.21	14.15	14.11	15.00
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	14.14	14.13	14.09	15.00
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	14.11	14.22	14.09	15.00
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	14.22	14.22	14.12	15.00
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	14.10	14.16	14.04	15.00
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	14.13	14.24	14.13	15.00
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	14.12	14.13	14.10	15.00
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	14.12	14.18	14.06	15.00

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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					656000		
Frequency (MHz)					3840		
100	PI/2 BPSK	1	1		14.48		15.00
100	PI/2 BPSK	1	137		14.43		15.00
100	PI/2 BPSK	1	271		14.42		15.00
100	PI/2 BPSK	135	0		14.34		15.00
100	PI/2 BPSK	135	69		14.49		15.00
100	PI/2 BPSK	135	138		14.45		15.00
100	PI/2 BPSK	270	0		14.42		15.00
100	QPSK	1	1		14.37		15.00
100	QPSK	1	137		14.40		15.00
100	QPSK	1	271		14.34		15.00
100	QPSK	135	0		14.45		15.00
100	QPSK	135	69		14.41		15.00
100	QPSK	135	138		14.36		15.00
100	QPSK	270	0		14.42		15.00
100	16QAM	1	1		14.43		15.00
100	64QAM	1	1		14.44		15.00
100	256QAM	1	1		14.36		15.00
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	14.38	14.45	14.38	15.00
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	14.34	14.44	14.39	15.00
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	14.38	14.37	14.37	15.00
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	14.33	14.45	14.32	15.00
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	14.36	14.44	14.36	15.00
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	14.31	14.42	14.32	15.00
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	14.29	14.37	14.40	15.00
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	14.36	14.38	14.34	15.00
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	14.31	14.43	14.39	15.00
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	



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15	PI/2 BPSK	1	1	14.40	14.37	14.36	15.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	14.36	14.44	14.43	15.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.25		22.40
100	PI/2 BPSK	1	137		21.15		22.40
100	PI/2 BPSK	1	271		21.15		22.40
100	PI/2 BPSK	135	0		21.12		22.40
100	PI/2 BPSK	135	69		21.21		22.40
100	PI/2 BPSK	135	138		21.10		22.40
100	PI/2 BPSK	270	0		21.15		22.40
100	QPSK	1	1		21.03		22.40
100	QPSK	1	137		21.09		22.40
100	QPSK	1	271		21.21		22.40
100	QPSK	135	0		21.09		22.40
100	QPSK	135	69		21.13		22.40
100	QPSK	135	138		21.23		22.40
100	QPSK	270	0		21.01		22.40
100	16QAM	1	1		21.06		22.40
100	64QAM	1	1		21.06		22.40
100	256QAM	1	1		21.01		22.40
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	21.02	21.22	21.02	22.40
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	20.91	21.14	20.90	22.40
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	21.00	21.09	20.93	22.40
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	20.94	21.08	20.93	22.40
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	20.92	21.13	20.92	22.40
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	20.98	21.19	21.00	22.40
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	20.90	21.11	20.93	22.40
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	20.99	21.19	21.01	22.40
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	20.88	21.21	21.00	22.40
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	20.96	21.12	20.97	22.40
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	20.98	21.20	20.91	22.40

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					656000		
Frequency (MHz)					3840		
100	PI/2 BPSK	1	1		21.30		22.40
100	PI/2 BPSK	1	137		21.20		22.40
100	PI/2 BPSK	1	271		21.20		22.40



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100	PI/2 BPSK	135	0		21.09		22.40
100	PI/2 BPSK	135	69		21.28		22.40
100	PI/2 BPSK	135	138		21.07		22.40
100	PI/2 BPSK	270	0		21.23		22.40
100	QPSK	1	1		21.22		22.40
100	QPSK	1	137		21.29		22.40
100	QPSK	1	271		21.09		22.40
100	QPSK	135	0		21.26		22.40
100	QPSK	135	69		21.13		22.40
100	QPSK	135	138		21.07		22.40
100	QPSK	270	0		21.15		22.40
100	16QAM	1	1		21.25		22.40
100	64QAM	1	1		21.23		22.40
100	256QAM	1	1		21.29		22.40
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	21.18	21.16	21.24	22.40
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	21.23	21.17	21.13	22.40
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	21.14	21.24	21.23	22.40
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	21.11	21.28	21.25	22.40
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	21.24	21.25	21.22	22.40
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	21.24	21.25	21.17	22.40
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	21.23	21.25	21.24	22.40
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	21.12	21.28	21.19	22.40
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	21.13	21.23	21.19	22.40
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	21.14	21.27	21.21	22.40
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	21.19	21.27	21.19	22.40

【FR1 n77 (27Q)_Ant 6_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.34		24.00
100	PI/2 BPSK	1	137		22.71		24.00
100	PI/2 BPSK	1	271		23.05		24.00
100	PI/2 BPSK	135	0		22.97		24.00
100	PI/2 BPSK	135	69		23.24		24.00
100	PI/2 BPSK	135	138		22.72		24.00
100	PI/2 BPSK	270	0		23.09		24.00
100	QPSK	1	1		23.14		24.00
100	QPSK	1	137		22.77		24.00
100	QPSK	1	271		23.01		24.00
100	QPSK	135	0		23.00		24.00
100	QPSK	135	69		22.81		24.00
100	QPSK	135	138		22.78		24.00
100	QPSK	270	0		22.90		24.00
100	16QAM	1	1		23.12		24.00
100	64QAM	1	1		23.14		24.00
100	256QAM	1	1		23.25		24.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	23.25	23.27	23.21	24.00
Channel				632668	633332	634000	Tune-up limit



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Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	23.20	23.23	23.09	24.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	23.11	23.18	23.16	24.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	23.24	23.13	23.07	24.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	23.22	23.14	23.12	24.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	23.13	23.20	23.12	24.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	23.11	23.23	23.09	24.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	23.11	23.22	23.15	24.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	23.23	23.23	23.16	24.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	23.21	23.18	23.17	24.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	23.23	23.20	23.17	24.00

【FR1 n77 (270)_Ant 6_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					656000		
Frequency (MHz)					3840		
100	PI/2 BPSK	1	1		23.40		24.00
100	PI/2 BPSK	1	137		23.12		24.00
100	PI/2 BPSK	1	271		23.26		24.00
100	PI/2 BPSK	135	0		23.21		24.00
100	PI/2 BPSK	135	69		23.34		24.00
100	PI/2 BPSK	135	138		23.11		24.00
100	PI/2 BPSK	270	0		23.32		24.00
100	QPSK	1	1		23.38		24.00
100	QPSK	1	137		23.08		24.00
100	QPSK	1	271		23.17		24.00
100	QPSK	135	0		23.22		24.00
100	QPSK	135	69		23.04		24.00
100	QPSK	135	138		23.04		24.00
100	QPSK	270	0		23.13		24.00
100	16QAM	1	1		23.31		24.00
100	64QAM	1	1		23.35		24.00
100	256QAM	1	1		23.21		24.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	23.25	23.36	23.28	24.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	23.29	23.25	23.22	24.00
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	23.25	23.27	23.20	24.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	23.33	23.31	23.27	24.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	23.21	23.35	23.30	24.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	23.30	23.30	23.23	24.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	23.30	23.33	23.28	24.00
Channel				647500	656000	664500	Tune-up limit



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Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	23.26	23.31	23.21	24.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	23.24	23.28	23.27	24.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	23.31	23.31	23.17	24.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	23.27	23.31	23.17	24.00

【FR1 n77 (27Q)_HPUE_Ant 6_Full Power】

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		26.36		27.00
100	PI/2 BPSK	1	137		25.70		27.00
100	PI/2 BPSK	1	271		25.95		27.00
100	PI/2 BPSK	135	0		26.06		27.00
100	PI/2 BPSK	135	69		26.16		27.00
100	PI/2 BPSK	135	138		25.73		27.00
100	PI/2 BPSK	270	0		26.09		27.00
100	QPSK	1	1		26.31		27.00
100	QPSK	1	137		25.73		27.00
100	QPSK	1	271		25.93		27.00
100	QPSK	135	0		25.88		27.00
100	QPSK	135	69		25.80		27.00
100	QPSK	135	138		25.78		27.00
100	QPSK	270	0		25.91		27.00
100	16QAM	1	1		26.13		27.00
100	64QAM	1	1		24.79		25.50
100	256QAM	1	1		23.03		23.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	26.30	26.33	26.28	27.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	26.17	26.27	26.17	27.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	26.23	26.28	26.15	27.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	26.28	26.21	26.25	27.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	26.19	26.25	26.21	27.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	26.23	26.21	26.26	27.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	26.21	26.28	26.15	27.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	26.24	26.24	26.13	27.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	26.28	26.24	26.13	27.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	26.22	26.19	26.20	27.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	26.27	26.28	26.15	27.00



【FR1 n77 (270)_HPUE_Ant 6_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					656000		
Frequency (MHz)					3840		
100	PI/2 BPSK	1	1		26.46		27.00
100	PI/2 BPSK	1	137		26.15		27.00
100	PI/2 BPSK	1	271		26.26		27.00
100	PI/2 BPSK	135	0		26.03		27.00
100	PI/2 BPSK	135	69		26.41		27.00
100	PI/2 BPSK	135	138		26.14		27.00
100	PI/2 BPSK	270	0		26.39		27.00
100	QPSK	1	1		26.35		27.00
100	QPSK	1	137		26.15		27.00
100	QPSK	1	271		26.32		27.00
100	QPSK	135	0		26.01		27.00
100	QPSK	135	69		26.17		27.00
100	QPSK	135	138		26.00		27.00
100	QPSK	270	0		26.23		27.00
100	16QAM	1	1		26.26		27.00
100	64QAM	1	1		25.06		25.50
100	256QAM	1	1		23.17		23.50
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	26.40	26.34	26.36	27.00
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	26.35	26.42	26.29	27.00
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	26.39	26.44	26.26	27.00
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	26.31	26.42	26.29	27.00
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	26.30	26.38	26.29	27.00
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	26.40	26.44	26.33	27.00
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	26.31	26.32	26.39	27.00
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	26.42	26.31	26.39	27.00
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	26.29	26.32	26.28	27.00
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	26.30	26.32	26.31	27.00
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	26.43	26.43	26.31	27.00

【FR1 n77 (27Q)_HPUE_Ant 6_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		26.36		27.00
100	PI/2 BPSK	1	137		25.70		27.00
100	PI/2 BPSK	1	271		25.95		27.00
100	PI/2 BPSK	135	0		26.06		27.00
100	PI/2 BPSK	135	69		26.16		27.00
100	PI/2 BPSK	135	138		25.73		27.00
100	PI/2 BPSK	270	0		26.09		27.00
100	QPSK	1	1		26.31		27.00
100	QPSK	1	137		25.73		27.00
100	QPSK	1	271		25.93		27.00



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100	QPSK	135	0		25.88		27.00
100	QPSK	135	69		25.80		27.00
100	QPSK	135	138		25.78		27.00
100	QPSK	270	0		25.91		27.00
100	16QAM	1	1		26.13		27.00
100	64QAM	1	1		24.79		26.00
100	256QAM	1	1		23.03		24.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	26.30	26.33	26.28	27.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	26.17	26.27	26.17	27.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	26.23	26.28	26.15	27.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	26.28	26.21	26.25	27.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	26.19	26.25	26.21	27.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	26.23	26.21	26.26	27.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	26.21	26.28	26.15	27.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	26.24	26.24	26.13	27.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	26.28	26.24	26.13	27.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	26.22	26.19	26.20	27.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	26.27	26.28	26.15	27.00

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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					656000		
Frequency (MHz)					3840		
100	PI/2 BPSK	1	1		26.46		27.00
100	PI/2 BPSK	1	137		26.15		27.00
100	PI/2 BPSK	1	271		26.26		27.00
100	PI/2 BPSK	135	0		26.03		27.00
100	PI/2 BPSK	135	69		26.41		27.00
100	PI/2 BPSK	135	138		26.14		27.00
100	PI/2 BPSK	270	0		26.39		27.00
100	QPSK	1	1		26.35		27.00
100	QPSK	1	137		26.15		27.00
100	QPSK	1	271		26.32		27.00
100	QPSK	135	0		26.01		27.00
100	QPSK	135	69		26.17		27.00
100	QPSK	135	138		26.00		27.00
100	QPSK	270	0		26.23		27.00
100	16QAM	1	1		26.26		27.00
100	64QAM	1	1		25.06		26.00
100	256QAM	1	1		23.17		24.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	26.40	26.34	26.36	27.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	26.35	26.42	26.29	27.00
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	26.39	26.44	26.26	27.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)



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60	PI/2 BPSK	1	1	26.31	26.42	26.29	27.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	26.30	26.38	26.29	27.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	26.40	26.44	26.33	27.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	26.31	26.32	26.39	27.00
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	26.42	26.31	26.39	27.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	26.29	26.32	26.28	27.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	26.30	26.32	26.31	27.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	26.43	26.43	26.31	27.00

【FR1 n77 (27Q)_HPUE_Ant 6_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		24.23		25.40
100	PI/2 BPSK	1	137		24.05		25.40
100	PI/2 BPSK	1	271		24.07		25.40
100	PI/2 BPSK	135	0		24.07		25.40
100	PI/2 BPSK	135	69		24.20		25.40
100	PI/2 BPSK	135	138		24.07		25.40
100	PI/2 BPSK	270	0		24.17		25.40
100	QPSK	1	1		24.13		25.40
100	QPSK	1	137		24.09		25.40
100	QPSK	1	271		24.22		25.40
100	QPSK	135	0		24.17		25.40
100	QPSK	135	69		24.06		25.40
100	QPSK	135	138		24.04		25.40
100	QPSK	270	0		24.13		25.40
100	16QAM	1	1		24.07		25.40
100	64QAM	1	1		24.22		25.40
100	256QAM	1	1		23.16		23.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	24.15	24.21	24.06	25.40
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	24.12	24.06	23.94	25.40
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	24.01	24.08	23.97	25.40
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	24.10	24.09	23.96	25.40
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	24.01	24.11	24.03	25.40
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	24.00	24.20	23.95	25.40
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	24.07	24.07	23.97	25.40
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	24.12	24.10	23.94	25.40
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	24.06	24.14	24.00	25.40
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)



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15	PI/2 BPSK	1	1	24.14	24.17	23.91	25.40
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	24.06	24.18	24.02	25.40

【FR1 n77 (270)_HPUE_Ant 6_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					656000		
Frequency (MHz)					3840		
100	PI/2 BPSK	1	1		24.32		25.40
100	PI/2 BPSK	1	137		24.21		25.40
100	PI/2 BPSK	1	271		24.17		25.40
100	PI/2 BPSK	135	0		24.20		25.40
100	PI/2 BPSK	135	69		24.29		25.40
100	PI/2 BPSK	135	138		24.12		25.40
100	PI/2 BPSK	270	0		24.27		25.40
100	QPSK	1	1		24.23		25.40
100	QPSK	1	137		24.24		25.40
100	QPSK	1	271		24.12		25.40
100	QPSK	135	0		24.24		25.40
100	QPSK	135	69		24.31		25.40
100	QPSK	135	138		24.19		25.40
100	QPSK	270	0		24.17		25.40
100	16QAM	1	1		24.26		25.40
100	64QAM	1	1		24.22		25.40
100	256QAM	1	1		23.13		23.50
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	24.18	24.19	24.15	25.40
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	24.21	24.25	24.26	25.40
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	24.15	24.30	24.25	25.40
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	24.23	24.21	24.17	25.40
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	24.28	24.25	24.18	25.40
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	24.16	24.19	24.14	25.40
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	24.26	24.29	24.23	25.40
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	24.27	24.27	24.17	25.40
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	24.26	24.29	24.22	25.40
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	24.18	24.28	24.16	25.40
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	24.24	24.23	24.22	25.40

【FR1 n77 (27Q)_HPUE_Ant 6_DSI 6】

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		26.36		27.00
100	PI/2 BPSK	1	137		25.70		27.00
100	PI/2 BPSK	1	271		25.95		27.00



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100	PI/2 BPSK	135	0		26.06		27.00
100	PI/2 BPSK	135	69		26.16		27.00
100	PI/2 BPSK	135	138		25.73		27.00
100	PI/2 BPSK	270	0		26.09		27.00
100	QPSK	1	1		26.31		27.00
100	QPSK	1	137		25.73		27.00
100	QPSK	1	271		25.93		27.00
100	QPSK	135	0		25.88		27.00
100	QPSK	135	69		25.80		27.00
100	QPSK	135	138		25.78		27.00
100	QPSK	270	0		25.91		27.00
100	16QAM	1	1		26.13		27.00
100	64QAM	1	1		24.79		25.50
100	256QAM	1	1		23.03		23.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	26.30	26.33	26.28	27.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	26.17	26.27	26.17	27.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	26.23	26.28	26.15	27.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	26.28	26.21	26.25	27.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	26.19	26.25	26.21	27.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	26.23	26.21	26.26	27.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	26.21	26.28	26.15	27.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	26.24	26.24	26.13	27.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	26.28	26.24	26.13	27.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	26.22	26.19	26.20	27.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	26.27	26.28	26.15	27.00

【FR1 n77 (270)_HPUE_Ant 6_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					656000		
Frequency (MHz)					3840		
100	PI/2 BPSK	1	1		26.46		27.00
100	PI/2 BPSK	1	137		26.15		27.00
100	PI/2 BPSK	1	271		26.26		27.00
100	PI/2 BPSK	135	0		26.03		27.00
100	PI/2 BPSK	135	69		26.41		27.00
100	PI/2 BPSK	135	138		26.14		27.00
100	PI/2 BPSK	270	0		26.39		27.00
100	QPSK	1	1		26.35		27.00
100	QPSK	1	137		26.15		27.00
100	QPSK	1	271		26.32		27.00
100	QPSK	135	0		26.01		27.00
100	QPSK	135	69		26.17		27.00
100	QPSK	135	138		26.00		27.00
100	QPSK	270	0		26.23		27.00
100	16QAM	1	1		26.26		27.00
100	64QAM	1	1		25.06		25.50
100	256QAM	1	1		23.17		23.50
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	26.40	26.34	26.36	27.00
Channel				649334	656000	662666	Tune-up limit



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Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	26.35	26.42	26.29	27.00
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	26.39	26.44	26.26	27.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	26.31	26.42	26.29	27.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	26.30	26.38	26.29	27.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	26.40	26.44	26.33	27.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	26.31	26.32	26.39	27.00
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	26.42	26.31	26.39	27.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	26.29	26.32	26.28	27.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	26.30	26.32	26.31	27.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	26.43	26.43	26.31	27.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		17.49		18.00
100	PI/2 BPSK	1	137		17.37		18.00
100	PI/2 BPSK	1	271		17.35		18.00
100	PI/2 BPSK	135	0		17.38		18.00
100	PI/2 BPSK	135	69		17.45		18.00
100	PI/2 BPSK	135	138		17.43		18.00
100	PI/2 BPSK	270	0		17.43		18.00
100	QPSK	1	1		17.45		18.00
100	QPSK	1	137		17.34		18.00
100	QPSK	1	271		17.41		18.00
100	QPSK	135	0		17.41		18.00
100	QPSK	135	69		17.37		18.00
100	QPSK	135	138		17.36		18.00
100	QPSK	270	0		17.44		18.00
100	16QAM	1	1		17.38		18.00
100	64QAM	1	1		17.39		18.00
100	256QAM	1	1		17.42		18.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	17.15	17.24	17.17	18.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	17.03	17.14	17.06	18.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	17.09	17.16	17.15	18.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	17.01	17.12	17.04	18.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	17.06	17.20	17.09	18.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	17.06	17.19	17.15	18.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	17.01	17.13	17.06	18.00
Channel				630834	633332	635832	Tune-up limit



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Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	17.01	17.20	17.15	18.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	17.05	17.21	17.06	18.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	17.08	17.19	17.10	18.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	17.01	17.14	17.11	18.00

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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					656000		
Frequency (MHz)					3840		
100	PI/2 BPSK	1	1		17.51		18.00
100	PI/2 BPSK	1	137		17.47		18.00
100	PI/2 BPSK	1	271		17.40		18.00
100	PI/2 BPSK	135	0		17.47		18.00
100	PI/2 BPSK	135	69		17.49		18.00
100	PI/2 BPSK	135	138		17.45		18.00
100	PI/2 BPSK	270	0		17.46		18.00
100	QPSK	1	1		17.38		18.00
100	QPSK	1	137		17.40		18.00
100	QPSK	1	271		17.40		18.00
100	QPSK	135	0		17.44		18.00
100	QPSK	135	69		17.45		18.00
100	QPSK	135	138		17.45		18.00
100	QPSK	270	0		17.46		18.00
100	16QAM	1	1		17.43		18.00
100	64QAM	1	1		17.44		18.00
100	256QAM	1	1		17.46		18.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	17.42	17.44	17.43	18.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	17.36	17.36	17.39	18.00
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	17.42	17.45	17.34	18.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	17.38	17.42	17.46	18.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	17.39	17.42	17.45	18.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	17.42	17.49	17.45	18.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	17.48	17.43	17.34	18.00
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	17.37	17.45	17.34	18.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	17.47	17.45	17.43	18.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	17.49	17.37	17.47	18.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	17.44	17.49	17.35	18.00



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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		24.23		25.40
100	PI/2 BPSK	1	137		24.05		25.40
100	PI/2 BPSK	1	271		24.07		25.40
100	PI/2 BPSK	135	0		24.07		25.40
100	PI/2 BPSK	135	69		24.20		25.40
100	PI/2 BPSK	135	138		24.07		25.40
100	PI/2 BPSK	270	0		24.17		25.40
100	QPSK	1	1		24.13		25.40
100	QPSK	1	137		24.09		25.40
100	QPSK	1	271		24.22		25.40
100	QPSK	135	0		24.17		25.40
100	QPSK	135	69		24.06		25.40
100	QPSK	135	138		24.04		25.40
100	QPSK	270	0		24.13		25.40
100	16QAM	1	1		24.07		25.40
100	64QAM	1	1		24.22		25.40
100	256QAM	1	1		23.16		23.50
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	24.15	24.21	24.06	25.40
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	24.12	24.06	23.94	25.40
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	24.01	24.08	23.97	25.40
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	24.10	24.09	23.96	25.40
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	24.01	24.11	24.03	25.40
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	24.00	24.20	23.95	25.40
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	24.07	24.07	23.97	25.40
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	24.12	24.10	23.94	25.40
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	24.06	24.14	24.00	25.40
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	24.14	24.17	23.91	25.40
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	24.06	24.18	24.02	25.40

【FR1 n77 (27Q)_HPUE_Ant 6_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					656000		
Frequency (MHz)					3840		
100	PI/2 BPSK	1	1		24.32		25.40
100	PI/2 BPSK	1	137		24.21		25.40
100	PI/2 BPSK	1	271		24.17		25.40
100	PI/2 BPSK	135	0		24.20		25.40
100	PI/2 BPSK	135	69		24.29		25.40
100	PI/2 BPSK	135	138		24.12		25.40
100	PI/2 BPSK	270	0		24.27		25.40
100	QPSK	1	1		24.23		25.40
100	QPSK	1	137		24.24		25.40
100	QPSK	1	271		24.12		25.40



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100	QPSK	135	0		24.24		25.40
100	QPSK	135	69		24.31		25.40
100	QPSK	135	138		24.19		25.40
100	QPSK	270	0		24.17		25.40
100	16QAM	1	1		24.26		25.40
100	64QAM	1	1		24.22		25.40
100	256QAM	1	1		23.13		23.50
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	24.18	24.19	24.15	25.40
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	24.21	24.25	24.26	25.40
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	24.15	24.30	24.25	25.40
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	24.23	24.21	24.17	25.40
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	24.28	24.25	24.18	25.40
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	24.16	24.19	24.14	25.40
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	24.26	24.29	24.23	25.40
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	24.27	24.27	24.17	25.40
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	24.26	24.29	24.22	25.40
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	24.18	24.28	24.16	25.40
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	24.24	24.23	24.22	25.40

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		26.36		27.00
100	PI/2 BPSK	1	137		25.70		27.00
100	PI/2 BPSK	1	271		25.95		27.00
100	PI/2 BPSK	135	0		26.06		27.00
100	PI/2 BPSK	135	69		26.16		27.00
100	PI/2 BPSK	135	138		25.73		27.00
100	PI/2 BPSK	270	0		26.09		27.00
100	QPSK	1	1		26.31		27.00
100	QPSK	1	137		25.73		27.00
100	QPSK	1	271		25.93		27.00
100	QPSK	135	0		25.88		27.00
100	QPSK	135	69		25.80		27.00
100	QPSK	135	138		25.78		27.00
100	QPSK	270	0		25.91		27.00
100	16QAM	1	1		26.13		27.00
100	64QAM	1	1		24.79		26.00
100	256QAM	1	1		23.03		24.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	26.30	26.33	26.28	27.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	26.17	26.27	26.17	27.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	26.23	26.28	26.15	27.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)



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60	PI/2 BPSK	1	1	26.28	26.21	26.25	27.00
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	26.19	26.25	26.21	27.00
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	26.23	26.21	26.26	27.00
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	26.21	26.28	26.15	27.00
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	26.24	26.24	26.13	27.00
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	26.28	26.24	26.13	27.00
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	26.22	26.19	26.20	27.00
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	26.27	26.28	26.15	27.00

【FR1 n77 (270)_HPUE_Ant 6_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					656000		
Frequency (MHz)					3840		
100	PI/2 BPSK	1	1		26.46		27.00
100	PI/2 BPSK	1	137		26.15		27.00
100	PI/2 BPSK	1	271		26.26		27.00
100	PI/2 BPSK	135	0		26.03		27.00
100	PI/2 BPSK	135	69		26.41		27.00
100	PI/2 BPSK	135	138		26.14		27.00
100	PI/2 BPSK	270	0		26.39		27.00
100	QPSK	1	1		26.35		27.00
100	QPSK	1	137		26.15		27.00
100	QPSK	1	271		26.32		27.00
100	QPSK	135	0		26.01		27.00
100	QPSK	135	69		26.17		27.00
100	QPSK	135	138		26.00		27.00
100	QPSK	270	0		26.23		27.00
100	16QAM	1	1		26.26		27.00
100	64QAM	1	1		25.06		26.00
100	256QAM	1	1		23.17		24.00
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	26.40	26.34	26.36	27.00
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	26.35	26.42	26.29	27.00
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	26.39	26.44	26.26	27.00
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	26.31	26.42	26.29	27.00
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	26.30	26.38	26.29	27.00
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	26.40	26.44	26.33	27.00
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	26.31	26.32	26.39	27.00
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	26.42	26.31	26.39	27.00
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	26.29	26.32	26.28	27.00
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	



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15	PI/2 BPSK	1	1	26.30	26.32	26.31	27.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	26.43	26.43	26.31	27.00

【FR1 n77 (27Q)_Ant 8_Full Power】

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		23.48		24.00
100	PI/2 BPSK	1	137		22.97		24.00
100	PI/2 BPSK	1	271		23.17		24.00
100	PI/2 BPSK	135	0		23.20		24.00
100	PI/2 BPSK	135	69		23.40		24.00
100	PI/2 BPSK	135	138		23.01		24.00
100	PI/2 BPSK	270	0		23.35		24.00
100	QPSK	1	1		23.37		24.00
100	QPSK	1	137		22.95		24.00
100	QPSK	1	271		23.15		24.00
100	QPSK	135	0		23.15		24.00
100	QPSK	135	69		23.02		24.00
100	QPSK	135	138		22.94		24.00
100	QPSK	270	0		23.04		24.00
100	16QAM	1	1		23.36		24.00
100	64QAM	1	1		22.56		23.00
100	256QAM	1	1		20.44		21.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	23.41	23.45	23.42	24.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	23.37	23.40	23.34	24.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	23.28	23.41	23.35	24.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	23.27	23.41	23.29	24.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	23.35	23.42	23.34	24.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	23.26	23.31	23.29	24.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	23.40	23.40	23.32	24.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	23.29	23.34	23.30	24.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	23.27	23.39	23.38	24.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	23.30	23.43	23.30	24.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	23.28	23.37	23.37	24.00



【FR1 n77 (270)_Ant 8_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					656000		
Frequency (MHz)					3840		
100	PI/2 BPSK	1	1		23.49		24.00
100	PI/2 BPSK	1	137		23.05		24.00
100	PI/2 BPSK	1	271		23.07		24.00
100	PI/2 BPSK	135	0		23.04		24.00
100	PI/2 BPSK	135	69		23.34		24.00
100	PI/2 BPSK	135	138		23.02		24.00
100	PI/2 BPSK	270	0		23.30		24.00
100	QPSK	1	1		23.26		24.00
100	QPSK	1	137		22.96		24.00
100	QPSK	1	271		23.10		24.00
100	QPSK	135	0		23.03		24.00
100	QPSK	135	69		22.99		24.00
100	QPSK	135	138		22.98		24.00
100	QPSK	270	0		23.03		24.00
100	16QAM	1	1		23.19		24.00
100	64QAM	1	1		22.38		23.00
100	256QAM	1	1		20.32		21.00
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	23.24	23.24	23.24	24.00
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	23.21	23.25	23.28	24.00
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	23.25	23.35	23.27	24.00
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	23.24	23.29	23.21	24.00
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	23.30	23.27	23.28	24.00
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	23.23	23.38	23.26	24.00
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	23.27	23.26	23.29	24.00
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	23.27	23.32	23.20	24.00
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	23.26	23.32	23.34	24.00
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	23.21	23.32	23.21	24.00
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	23.24	23.32	23.29	24.00

【FR1 n77 (27Q)_Ant 8_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		20.42		21.20
100	PI/2 BPSK	1	137		20.33		21.20
100	PI/2 BPSK	1	271		20.19		21.20
100	PI/2 BPSK	135	0		20.25		21.20
100	PI/2 BPSK	135	69		20.38		21.20
100	PI/2 BPSK	135	138		20.19		21.20
100	PI/2 BPSK	270	0		20.34		21.20
100	QPSK	1	1		20.23		21.20
100	QPSK	1	137		20.23		21.20
100	QPSK	1	271		20.15		21.20



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100	QPSK	135	0		20.25		21.20
100	QPSK	135	69		20.14		21.20
100	QPSK	135	138		20.33		21.20
100	QPSK	270	0		20.19		21.20
100	16QAM	1	1		20.20		21.20
100	64QAM	1	1		20.23		21.20
100	256QAM	1	1		19.94		21.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	20.22	20.32	20.17	21.20
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	20.16	20.23	20.10	21.20
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	20.14	20.31	20.12	21.20
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	20.12	20.23	20.05	21.20
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	20.15	20.18	20.09	21.20
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	20.18	20.19	20.10	21.20
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	20.17	20.30	20.08	21.20
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	20.08	20.23	20.08	21.20
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	20.10	20.19	20.14	21.20
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	20.10	20.25	20.11	21.20
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	20.10	20.18	20.10	21.20

【FR1 n77 (270)_Ant 8_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					656000		
Frequency (MHz)					3840		
100	PI/2 BPSK	1	1		20.70		21.20
100	PI/2 BPSK	1	137		20.55		21.20
100	PI/2 BPSK	1	271		20.58		21.20
100	PI/2 BPSK	135	0		20.48		21.20
100	PI/2 BPSK	135	69		20.68		21.20
100	PI/2 BPSK	135	138		20.46		21.20
100	PI/2 BPSK	270	0		20.64		21.20
100	QPSK	1	1		20.67		21.20
100	QPSK	1	137		20.51		21.20
100	QPSK	1	271		20.63		21.20
100	QPSK	135	0		20.69		21.20
100	QPSK	135	69		20.52		21.20
100	QPSK	135	138		20.60		21.20
100	QPSK	270	0		20.45		21.20
100	16QAM	1	1		20.48		21.20
100	64QAM	1	1		20.47		21.20
100	256QAM	1	1		20.22		21.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	20.57	20.69	20.60	21.20
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	20.55	20.64	20.58	21.20
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	20.57	20.58	20.52	21.20
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)



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60	PI/2 BPSK	1	1	20.48	20.61	20.54	21.20
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	20.49	20.59	20.58	21.20
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	20.59	20.68	20.52	21.20
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	20.60	20.67	20.61	21.20
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	20.51	20.62	20.51	21.20
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	20.48	20.60	20.54	21.20
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	20.51	20.66	20.53	21.20
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	20.58	20.68	20.53	21.20

【FR1 n77 (27Q)_Ant 8_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		17.19		18.90
100	PI/2 BPSK	1	137		16.96		18.90
100	PI/2 BPSK	1	271		17.14		18.90
100	PI/2 BPSK	135	0		17.01		18.90
100	PI/2 BPSK	135	69		17.17		18.90
100	PI/2 BPSK	135	138		17.04		18.90
100	PI/2 BPSK	270	0		17.16		18.90
100	QPSK	1	1		17.04		18.90
100	QPSK	1	137		16.97		18.90
100	QPSK	1	271		17.00		18.90
100	QPSK	135	0		16.97		18.90
100	QPSK	135	69		16.98		18.90
100	QPSK	135	138		17.02		18.90
100	QPSK	270	0		16.98		18.90
100	16QAM	1	1		16.98		18.90
100	64QAM	1	1		17.12		18.90
100	256QAM	1	1		16.96		18.90
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	17.10	17.15	17.14	18.90
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	17.09	17.11	17.04	18.90
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	17.08	17.09	17.02	18.90
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	17.02	17.02	17.05	18.90
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	16.99	17.01	17.13	18.90
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	16.99	17.03	17.11	18.90
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	17.05	17.13	17.12	18.90
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	17.04	17.08	17.07	18.90
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	16.97	17.14	17.00	18.90
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)



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15	PI/2 BPSK	1	1	16.98	17.13	17.11	18.90
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	16.95	17.07	17.05	18.90

【FR1 n77 (270)_Ant 8_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					656000		
Frequency (MHz)					3840		
100	PI/2 BPSK	1	1		17.25		18.90
100	PI/2 BPSK	1	137		16.93		18.90
100	PI/2 BPSK	1	271		17.21		18.90
100	PI/2 BPSK	135	0		17.19		18.90
100	PI/2 BPSK	135	69		17.18		18.90
100	PI/2 BPSK	135	138		16.95		18.90
100	PI/2 BPSK	270	0		17.12		18.90
100	QPSK	1	1		17.03		18.90
100	QPSK	1	137		17.12		18.90
100	QPSK	1	271		17.11		18.90
100	QPSK	135	0		17.17		18.90
100	QPSK	135	69		17.11		18.90
100	QPSK	135	138		17.15		18.90
100	QPSK	270	0		17.12		18.90
100	16QAM	1	1		17.13		18.90
100	64QAM	1	1		16.97		18.90
100	256QAM	1	1		17.09		18.90
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	16.95	16.96	17.05	18.90
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	17.01	16.96	16.95	18.90
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	17.00	16.98	17.04	18.90
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	16.92	16.95	17.03	18.90
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	16.90	17.03	16.99	18.90
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	16.92	16.99	16.94	18.90
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	16.96	16.95	17.05	18.90
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	16.91	17.03	16.93	18.90
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	16.96	17.03	16.97	18.90
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	17.02	17.01	16.96	18.90
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	16.96	17.02	17.03	18.90

【FR1 n77 (27Q)_Ant 8_DSI 6】

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		18.98		19.90
100	PI/2 BPSK	1	137		18.65		19.90
100	PI/2 BPSK	1	271		18.71		19.90



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100	PI/2 BPSK	135	0		18.78		19.90
100	PI/2 BPSK	135	69		18.95		19.90
100	PI/2 BPSK	135	138		18.65		19.90
100	PI/2 BPSK	270	0		18.92		19.90
100	QPSK	1	1		18.77		19.90
100	QPSK	1	137		18.76		19.90
100	QPSK	1	271		18.80		19.90
100	QPSK	135	0		18.81		19.90
100	QPSK	135	69		18.83		19.90
100	QPSK	135	138		18.71		19.90
100	QPSK	270	0		18.65		19.90
100	16QAM	1	1		18.82		19.90
100	64QAM	1	1		18.77		19.90
100	256QAM	1	1		18.83		19.90
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	18.95	18.97	18.92	19.90
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	18.87	18.88	18.88	19.90
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	18.84	18.85	18.88	19.90
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	18.82	18.89	18.84	19.90
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	18.83	18.82	18.88	19.90
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	18.82	18.88	18.89	19.90
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	18.91	18.82	18.88	19.90
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	18.87	18.83	18.90	19.90
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	18.88	18.95	18.84	19.90
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	18.85	18.94	18.79	19.90
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	18.82	18.85	18.87	19.90

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					656000		
Frequency (MHz)					3840		
100	PI/2 BPSK	1	1		18.99		19.90
100	PI/2 BPSK	1	137		18.62		19.90
100	PI/2 BPSK	1	271		18.77		19.90
100	PI/2 BPSK	135	0		18.63		19.90
100	PI/2 BPSK	135	69		18.81		19.90
100	PI/2 BPSK	135	138		18.71		19.90
100	PI/2 BPSK	270	0		18.76		19.90
100	QPSK	1	1		18.55		19.90
100	QPSK	1	137		18.64		19.90
100	QPSK	1	271		18.74		19.90
100	QPSK	135	0		18.65		19.90
100	QPSK	135	69		18.57		19.90
100	QPSK	135	138		18.56		19.90
100	QPSK	270	0		18.74		19.90
100	16QAM	1	1		18.76		19.90
100	64QAM	1	1		18.68		19.90
100	256QAM	1	1		18.57		19.90
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	18.76	18.78	18.70	19.90
Channel				649334	656000	662666	Tune-up limit



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Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	18.79	18.69	18.73	19.90
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	18.68	18.77	18.76	19.90
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	18.70	18.72	18.74	19.90
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	18.65	18.73	18.70	19.90
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	18.76	18.70	18.67	19.90
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	18.70	18.73	18.73	19.90
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	18.68	18.81	18.64	19.90
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	18.79	18.82	18.76	19.90
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	18.74	18.75	18.73	19.90
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	18.67	18.81	18.64	19.90

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		10.63		11.20
100	PI/2 BPSK	1	137		10.56		11.20
100	PI/2 BPSK	1	271		10.54		11.20
100	PI/2 BPSK	135	0		10.53		11.20
100	PI/2 BPSK	135	69		10.60		11.20
100	PI/2 BPSK	135	138		10.57		11.20
100	PI/2 BPSK	270	0		10.56		11.20
100	QPSK	1	1		10.55		11.20
100	QPSK	1	137		10.53		11.20
100	QPSK	1	271		10.50		11.20
100	QPSK	135	0		10.51		11.20
100	QPSK	135	69		10.52		11.20
100	QPSK	135	138		10.55		11.20
100	QPSK	270	0		10.50		11.20
100	16QAM	1	1		10.59		11.20
100	64QAM	1	1		10.59		11.20
100	256QAM	1	1		10.56		11.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	10.55	10.51	10.45	11.20
90	PI/2 BPSK	1	120	0.00	0.00	0.00	11.20
90	PI/2 BPSK	1	243	0.00	0.00	0.00	11.20
90	PI/2 BPSK	120	0	0.00	0.00	0.00	11.20
90	PI/2 BPSK	120	60	0.00	0.00	0.00	11.20
90	PI/2 BPSK	120	120	0.00	0.00	0.00	11.20
90	PI/2 BPSK	240	0	0.00	0.00	0.00	11.20
90	QPSK	1	1	0.00	0.00	0.00	11.20
90	QPSK	1	120	0.00	0.00	0.00	11.20
90	QPSK	1	243	0.00	0.00	0.00	11.20
90	QPSK	120	0	0.00	0.00	0.00	11.20
90	QPSK	120	60	0.00	0.00	0.00	11.20
90	QPSK	120	120	0.00	0.00	0.00	11.20
90	QPSK	240	0	0.00	0.00	0.00	11.20
90	16QAM	1	1	0.00	0.00	0.00	11.20
90	64QAM	1	1	0.00	0.00	0.00	11.20
90	256QAM	1	1	0.00	0.00	0.00	11.20
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	10.41	10.37	10.41	11.20



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Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	10.44	10.40	10.43	11.20
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	10.43	10.38	10.43	11.20
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	10.50	10.40	10.37	11.20
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	10.46	10.38	10.38	11.20
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	10.50	10.50	10.40	11.20
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	10.43	10.46	10.38	11.20
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	10.47	10.47	10.31	11.20
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	10.51	10.49	10.37	11.20
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	10.47	10.39	10.35	11.20

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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					656000		
Frequency (MHz)					3840		
100	PI/2 BPSK	1	1		10.75		11.20
100	PI/2 BPSK	1	137		10.69		11.20
100	PI/2 BPSK	1	271		10.65		11.20
100	PI/2 BPSK	135	0		10.71		11.20
100	PI/2 BPSK	135	69		10.73		11.20
100	PI/2 BPSK	135	138		10.68		11.20
100	PI/2 BPSK	270	0		10.60		11.20
100	QPSK	1	1		10.65		11.20
100	QPSK	1	137		10.70		11.20
100	QPSK	1	271		10.69		11.20
100	QPSK	135	0		10.61		11.20
100	QPSK	135	69		10.69		11.20
100	QPSK	135	138		10.61		11.20
100	QPSK	270	0		10.72		11.20
100	16QAM	1	1		10.64		11.20
100	64QAM	1	1		10.69		11.20
100	256QAM	1	1		10.61		11.20
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	10.58	10.74	10.61	11.20
90	PI/2 BPSK	1	120	0.00	0.00	0.00	11.20
90	PI/2 BPSK	1	243	0.00	0.00	0.00	11.20
90	PI/2 BPSK	120	0	0.00	0.00	0.00	11.20
90	PI/2 BPSK	120	60	0.00	0.00	0.00	11.20
90	PI/2 BPSK	120	120	0.00	0.00	0.00	11.20
90	PI/2 BPSK	240	0	0.00	0.00	0.00	11.20
90	QPSK	1	1	0.00	0.00	0.00	11.20
90	QPSK	1	120	0.00	0.00	0.00	11.20
90	QPSK	1	243	0.00	0.00	0.00	11.20
90	QPSK	120	0	0.00	0.00	0.00	11.20
90	QPSK	120	60	0.00	0.00	0.00	11.20
90	QPSK	120	120	0.00	0.00	0.00	11.20
90	QPSK	240	0	0.00	0.00	0.00	11.20
90	16QAM	1	1	0.00	0.00	0.00	11.20
90	64QAM	1	1	0.00	0.00	0.00	11.20
90	256QAM	1	1	0.00	0.00	0.00	11.20
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	10.65	10.73	10.53	11.20
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	



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70	PI/2 BPSK	1	1	10.61	10.72	10.50	11.20
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	10.61	10.66	10.61	11.20
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	10.63	10.72	10.60	11.20
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	10.58	10.71	10.57	11.20
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	10.66	10.63	10.55	11.20
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	10.68	10.66	10.57	11.20
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	10.68	10.73	10.55	11.20
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	10.65	10.64	10.59	11.20
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	10.60	10.68	10.51	11.20

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		17.19		18.40
100	PI/2 BPSK	1	137		16.96		18.40
100	PI/2 BPSK	1	271		17.14		18.40
100	PI/2 BPSK	135	0		17.01		18.40
100	PI/2 BPSK	135	69		17.17		18.40
100	PI/2 BPSK	135	138		17.04		18.40
100	PI/2 BPSK	270	0		17.16		18.40
100	QPSK	1	1		17.04		18.40
100	QPSK	1	137		16.97		18.40
100	QPSK	1	271		17.00		18.40
100	QPSK	135	0		16.97		18.40
100	QPSK	135	69		16.98		18.40
100	QPSK	135	138		17.02		18.40
100	QPSK	270	0		16.98		18.40
100	16QAM	1	1		16.98		18.40
100	64QAM	1	1		17.12		18.40
100	256QAM	1	1		16.96		18.40
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	17.10	17.15	17.14	18.40
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	17.09	17.11	17.04	18.40
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	17.08	17.09	17.02	18.40
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	17.02	17.02	17.05	18.40
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	16.99	17.01	17.13	18.40
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	16.99	17.03	17.11	18.40
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	17.05	17.13	17.12	18.40
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	17.04	17.08	17.07	18.40
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	



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20	PI/2 BPSK	1	1	16.97	17.14	17.00	18.40
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	16.98	17.13	17.11	18.40
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	16.95	17.07	17.05	18.40

【FR1 n77 (270)_Ant 8_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					656000		
Frequency (MHz)					3840		
100	PI/2 BPSK	1	1		17.30		18.40
100	PI/2 BPSK	1	137		16.86		18.40
100	PI/2 BPSK	1	271		17.09		18.40
100	PI/2 BPSK	135	0		17.07		18.40
100	PI/2 BPSK	135	69		17.09		18.40
100	PI/2 BPSK	135	138		16.85		18.40
100	PI/2 BPSK	270	0		17.04		18.40
100	QPSK	1	1		16.97		18.40
100	QPSK	1	137		17.01		18.40
100	QPSK	1	271		17.00		18.40
100	QPSK	135	0		17.03		18.40
100	QPSK	135	69		17.01		18.40
100	QPSK	135	138		17.07		18.40
100	QPSK	270	0		16.99		18.40
100	16QAM	1	1		17.01		18.40
100	64QAM	1	1		16.92		18.40
100	256QAM	1	1		16.97		18.40
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	16.95	16.96	17.05	18.40
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	17.01	16.96	16.95	18.40
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	17.00	16.98	17.04	18.40
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	16.92	16.95	17.03	18.40
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	16.90	17.03	16.99	18.40
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	16.92	16.99	16.94	18.40
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	16.89	16.95	17.05	18.40
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	16.91	17.03	16.93	18.40
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	16.96	17.03	16.97	18.40
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	17.02	17.01	16.96	18.40
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	16.96	17.02	17.03	18.40

**【FR1 n77 (27Q)_Ant 8_DSI 4】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.48		24.00
100	PI/2 BPSK	1	137		22.97		24.00
100	PI/2 BPSK	1	271		23.17		24.00
100	PI/2 BPSK	135	0		23.20		24.00
100	PI/2 BPSK	135	69		23.40		24.00
100	PI/2 BPSK	135	138		23.01		24.00
100	PI/2 BPSK	270	0		23.35		24.00
100	QPSK	1	1		23.37		24.00
100	QPSK	1	137		22.95		24.00
100	QPSK	1	271		23.15		24.00
100	QPSK	135	0		23.15		24.00
100	QPSK	135	69		23.02		24.00
100	QPSK	135	138		22.94		24.00
100	QPSK	270	0		23.04		24.00
100	16QAM	1	1		23.36		24.00
100	64QAM	1	1		22.56		23.00
100	256QAM	1	1		20.44		21.00
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	23.41	23.45	23.42	24.00
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	23.37	23.40	23.34	24.00
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	23.28	23.41	23.35	24.00
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	23.27	23.41	23.29	24.00
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	23.35	23.42	23.34	24.00
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	23.26	23.31	23.29	24.00
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	23.40	23.40	23.32	24.00
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	23.29	23.34	23.30	24.00
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	23.27	23.39	23.38	24.00
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	23.30	23.43	23.30	24.00
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	23.28	23.37	23.37	24.00

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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					656000		
Frequency (MHz)					3840		
100	PI/2 BPSK	1	1		23.49		24.00
100	PI/2 BPSK	1	137		23.05		24.00
100	PI/2 BPSK	1	271		23.07		24.00
100	PI/2 BPSK	135	0		23.04		24.00
100	PI/2 BPSK	135	69		23.34		24.00
100	PI/2 BPSK	135	138		23.02		24.00
100	PI/2 BPSK	270	0		23.30		24.00
100	QPSK	1	1		23.26		24.00
100	QPSK	1	137		22.96		24.00
100	QPSK	1	271		23.10		24.00



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100	QPSK	135	0		23.03		24.00
100	QPSK	135	69		22.99		24.00
100	QPSK	135	138		22.98		24.00
100	QPSK	270	0		23.03		24.00
100	16QAM	1	1		23.19		24.00
100	64QAM	1	1		22.38		23.00
100	256QAM	1	1		20.32		21.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	23.24	23.24	23.24	24.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	23.21	23.25	23.28	24.00
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	23.25	23.35	23.27	24.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	23.24	23.29	23.21	24.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	23.30	23.27	23.28	24.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	23.23	23.38	23.26	24.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	23.27	23.26	23.29	24.00
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	23.27	23.32	23.20	24.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	23.26	23.32	23.34	24.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	23.21	23.32	23.21	24.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	23.24	23.32	23.29	24.00

【FR1 n77 (27Q)_HPUE_Ant 8_Full Power】

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		26.43		27.00
100	PI/2 BPSK	1	137		26.04		27.00
100	PI/2 BPSK	1	271		26.18		27.00
100	PI/2 BPSK	135	0		26.13		27.00
100	PI/2 BPSK	135	69		26.39		27.00
100	PI/2 BPSK	135	138		25.98		27.00
100	PI/2 BPSK	270	0		26.33		27.00
100	QPSK	1	1		26.31		27.00
100	QPSK	1	137		25.96		27.00
100	QPSK	1	271		26.21		27.00
100	QPSK	135	0		26.17		27.00
100	QPSK	135	69		25.99		27.00
100	QPSK	135	138		26.01		27.00
100	QPSK	270	0		26.02		27.00
100	16QAM	1	1		26.39		27.00
100	64QAM	1	1		25.52		26.00
100	256QAM	1	1		23.53		24.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	26.38	26.40	26.35	27.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	26.29	26.27	26.23	27.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	26.24	26.30	26.22	27.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)



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60	PI/2 BPSK	1	1	26.25	26.30	26.32	27.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	26.25	26.30	26.25	27.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	26.29	26.28	26.21	27.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	26.37	26.28	26.26	27.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	26.33	26.27	26.25	27.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	26.31	26.31	26.22	27.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	26.25	26.28	26.28	27.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	26.31	26.36	26.22	27.00

【FR1 n77 (270)_HPUE_Ant 8_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					656000		
Frequency (MHz)					3840		
100	PI/2 BPSK	1	1		26.53		27.00
100	PI/2 BPSK	1	137		26.14		27.00
100	PI/2 BPSK	1	271		26.24		27.00
100	PI/2 BPSK	135	0		26.20		27.00
100	PI/2 BPSK	135	69		26.49		27.00
100	PI/2 BPSK	135	138		26.24		27.00
100	PI/2 BPSK	270	0		26.43		27.00
100	QPSK	1	1		26.41		27.00
100	QPSK	1	137		26.14		27.00
100	QPSK	1	271		26.24		27.00
100	QPSK	135	0		26.24		27.00
100	QPSK	135	69		26.19		27.00
100	QPSK	135	138		26.14		27.00
100	QPSK	270	0		26.26		27.00
100	16QAM	1	1		26.35		27.00
100	64QAM	1	1		25.52		26.00
100	256QAM	1	1		23.52		24.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	26.42	26.39	26.39	27.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	26.41	26.51	26.35	27.00
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	26.30	26.42	26.37	27.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	26.34	26.51	26.35	27.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	26.36	26.46	26.42	27.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	26.38	26.45	26.42	27.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	26.41	26.45	26.43	27.00
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	26.44	26.49	26.45	27.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	26.41	26.49	26.40	27.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)



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15	PI/2 BPSK	1	1	26.35	26.51	26.44	27.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	26.44	26.49	26.45	27.00

【FR1 n77 (27Q)_HPUE_Ant 8_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.42		24.20
100	PI/2 BPSK	1	137		23.32		24.20
100	PI/2 BPSK	1	271		23.27		24.20
100	PI/2 BPSK	135	0		23.25		24.20
100	PI/2 BPSK	135	69		23.37		24.20
100	PI/2 BPSK	135	138		23.19		24.20
100	PI/2 BPSK	270	0		23.32		24.20
100	QPSK	1	1		23.13		24.20
100	QPSK	1	137		23.13		24.20
100	QPSK	1	271		23.09		24.20
100	QPSK	135	0		23.28		24.20
100	QPSK	135	69		23.24		24.20
100	QPSK	135	138		23.15		24.20
100	QPSK	270	0		23.13		24.20
100	16QAM	1	1		23.13		24.20
100	64QAM	1	1		23.11		24.20
100	256QAM	1	1		23.03		24.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	23.15	23.21	23.16	24.20
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	23.03	23.13	23.01	24.20
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	23.08	23.13	23.05	24.20
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	23.07	23.14	23.09	24.20
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	23.01	23.15	23.09	24.20
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	23.06	23.13	23.05	24.20
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	23.10	23.14	23.08	24.20
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	23.13	23.13	23.15	24.20
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	23.14	23.16	23.04	24.20
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	23.11	23.18	23.11	24.20
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	23.04	23.10	23.08	24.20

【FR1 n77 (27Q)_HPUE_Ant 8_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					656000		
Frequency (MHz)					3840		
100	PI/2 BPSK	1	1		23.71		24.20
100	PI/2 BPSK	1	137		23.38		24.20
100	PI/2 BPSK	1	271		23.42		24.20



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100	PI/2 BPSK	135	0		23.31		24.20
100	PI/2 BPSK	135	69		23.65		24.20
100	PI/2 BPSK	135	138		23.31		24.20
100	PI/2 BPSK	270	0		23.40		24.20
100	QPSK	1	1		23.42		24.20
100	QPSK	1	137		23.25		24.20
100	QPSK	1	271		23.26		24.20
100	QPSK	135	0		23.30		24.20
100	QPSK	135	69		23.23		24.20
100	QPSK	135	138		23.40		24.20
100	QPSK	270	0		23.41		24.20
100	16QAM	1	1		23.20		24.20
100	64QAM	1	1		23.21		24.20
100	256QAM	1	1		23.02		24.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	23.39	23.40	23.35	24.20
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	23.35	23.39	23.32	24.20
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	23.30	23.34	23.35	24.20
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	23.33	23.36	23.40	24.20
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	23.37	23.35	23.31	24.20
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	23.40	23.36	23.41	24.20
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	23.36	23.36	23.41	24.20
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	23.40	23.32	23.43	24.20
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	23.37	23.41	23.37	24.20
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	23.38	23.43	23.39	24.20
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	23.37	23.46	23.30	24.20

【FR1 n77 (27Q)_HPUE_Ant 8_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		20.18		21.90
100	PI/2 BPSK	1	137		20.01		21.90
100	PI/2 BPSK	1	271		20.11		21.90
100	PI/2 BPSK	135	0		20.09		21.90
100	PI/2 BPSK	135	69		20.15		21.90
100	PI/2 BPSK	135	138		20.10		21.90
100	PI/2 BPSK	270	0		20.12		21.90
100	QPSK	1	1		20.01		21.90
100	QPSK	1	137		19.95		21.90
100	QPSK	1	271		19.98		21.90
100	QPSK	135	0		19.93		21.90
100	QPSK	135	69		19.98		21.90
100	QPSK	135	138		20.13		21.90
100	QPSK	270	0		19.98		21.90
100	16QAM	1	1		19.95		21.90
100	64QAM	1	1		20.08		21.90
100	256QAM	1	1		20.02		21.90
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	20.01	20.07	20.04	21.90
Channel				632668	633332	634000	Tune-up limit



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Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	19.99	19.95	20.01	21.90
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	19.95	19.93	19.92	21.90
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	19.92	20.04	20.01	21.90
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	19.95	19.96	19.95	21.90
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	19.94	19.94	19.98	21.90
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	19.97	20.01	19.98	21.90
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	19.96	20.03	19.92	21.90
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	19.98	19.95	19.96	21.90
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	19.98	20.02	20.02	21.90
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	19.96	19.93	19.97	21.90

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					656000		
Frequency (MHz)					3840		
100	PI/2 BPSK	1	1		20.28		21.90
100	PI/2 BPSK	1	137		20.17		21.90
100	PI/2 BPSK	1	271		20.11		21.90
100	PI/2 BPSK	135	0		20.01		21.90
100	PI/2 BPSK	135	69		20.27		21.90
100	PI/2 BPSK	135	138		20.05		21.90
100	PI/2 BPSK	270	0		20.22		21.90
100	QPSK	1	1		20.10		21.90
100	QPSK	1	137		20.07		21.90
100	QPSK	1	271		20.19		21.90
100	QPSK	135	0		20.00		21.90
100	QPSK	135	69		20.10		21.90
100	QPSK	135	138		20.08		21.90
100	QPSK	270	0		20.03		21.90
100	16QAM	1	1		20.01		21.90
100	64QAM	1	1		20.03		21.90
100	256QAM	1	1		20.11		21.90
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	20.07	20.18	20.12	21.90
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	20.11	20.22	20.20	21.90
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	20.17	20.25	20.14	21.90
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	20.16	20.17	20.19	21.90
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	20.10	20.17	20.21	21.90
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	20.08	20.20	20.13	21.90
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	20.20	20.18	20.15	21.90
Channel				647500	656000	664500	Tune-up limit



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Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	20.18	20.22	20.13	21.90
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	20.10	20.23	20.14	21.90
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	20.18	20.18	20.23	21.90
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	20.06	20.22	20.24	21.90

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.82		22.90
100	PI/2 BPSK	1	137		21.70		22.90
100	PI/2 BPSK	1	271		21.80		22.90
100	PI/2 BPSK	135	0		21.61		22.90
100	PI/2 BPSK	135	69		21.78		22.90
100	PI/2 BPSK	135	138		21.76		22.90
100	PI/2 BPSK	270	0		21.76		22.90
100	QPSK	1	1		21.63		22.90
100	QPSK	1	137		21.68		22.90
100	QPSK	1	271		21.78		22.90
100	QPSK	135	0		21.80		22.90
100	QPSK	135	69		21.59		22.90
100	QPSK	135	138		21.67		22.90
100	QPSK	270	0		21.59		22.90
100	16QAM	1	1		21.64		22.90
100	64QAM	1	1		21.76		22.90
100	256QAM	1	1		21.70		22.90
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	21.76	21.60	21.68	22.90
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	21.71	21.54	21.66	22.90
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	21.74	21.46	21.58	22.90
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	21.72	21.56	21.66	22.90
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	21.71	21.51	21.65	22.90
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	21.73	21.48	21.64	22.90
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	21.65	21.56	21.57	22.90
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	21.63	21.56	21.61	22.90
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	21.65	21.48	21.54	22.90
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	21.64	21.58	21.62	22.90
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	21.61	21.51	21.64	22.90

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					656000		
Frequency (MHz)					3840		
100	PI/2 BPSK	1	1		21.93		22.90
100	PI/2 BPSK	1	137		21.75		22.90
100	PI/2 BPSK	1	271		21.79		22.90
100	PI/2 BPSK	135	0		21.82		22.90
100	PI/2 BPSK	135	69		21.89		22.90
100	PI/2 BPSK	135	138		21.79		22.90
100	PI/2 BPSK	270	0		21.70		22.90
100	QPSK	1	1		21.79		22.90
100	QPSK	1	137		21.86		22.90
100	QPSK	1	271		21.90		22.90
100	QPSK	135	0		21.71		22.90
100	QPSK	135	69		21.82		22.90
100	QPSK	135	138		21.82		22.90
100	QPSK	270	0		21.84		22.90
100	16QAM	1	1		21.73		22.90
100	64QAM	1	1		21.90		22.90
100	256QAM	1	1		21.78		22.90
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	21.79	21.85	21.74	22.90
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	21.85	21.92	21.86	22.90
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	21.86	21.79	21.84	22.90
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	21.78	21.85	21.82	22.90
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	21.81	21.92	21.76	22.90
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	21.80	21.84	21.76	22.90
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	21.85	21.90	21.82	22.90
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	21.83	21.81	21.78	22.90
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	21.88	21.79	21.75	22.90
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	21.81	21.87	21.79	22.90
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	21.86	21.83	21.81	22.90

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		13.65		14.20
100	PI/2 BPSK	1	137		13.61		14.20
100	PI/2 BPSK	1	271		13.51		14.20
100	PI/2 BPSK	135	0		13.58		14.20
100	PI/2 BPSK	135	69		13.63		14.20
100	PI/2 BPSK	135	138		13.57		14.20
100	PI/2 BPSK	270	0		13.61		14.20
100	QPSK	1	1		13.51		14.20
100	QPSK	1	137		13.57		14.20
100	QPSK	1	271		13.58		14.20



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100	QPSK	135	0		13.53		14.20
100	QPSK	135	69		13.56		14.20
100	QPSK	135	138		13.58		14.20
100	QPSK	270	0		13.56		14.20
100	16QAM	1	1		13.61		14.20
100	64QAM	1	1		13.61		14.20
100	256QAM	1	1		13.62		14.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	13.61	13.55	13.58	14.20
90	PI/2 BPSK	1	120	0.00	0.00	0.00	14.20
90	PI/2 BPSK	1	243	0.00	0.00	0.00	14.20
90	PI/2 BPSK	120	0	0.00	0.00	0.00	14.20
90	PI/2 BPSK	120	60	0.00	0.00	0.00	14.20
90	PI/2 BPSK	120	120	0.00	0.00	0.00	14.20
90	PI/2 BPSK	240	0	0.00	0.00	0.00	14.20
90	QPSK	1	1	0.00	0.00	0.00	14.20
90	QPSK	1	120	0.00	0.00	0.00	14.20
90	QPSK	1	243	0.00	0.00	0.00	14.20
90	QPSK	120	0	0.00	0.00	0.00	14.20
90	QPSK	120	60	0.00	0.00	0.00	14.20
90	QPSK	120	120	0.00	0.00	0.00	14.20
90	QPSK	240	0	0.00	0.00	0.00	14.20
90	16QAM	1	1	0.00	0.00	0.00	14.20
90	64QAM	1	1	0.00	0.00	0.00	14.20
90	256QAM	1	1	0.00	0.00	0.00	14.20
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	13.54	13.45	13.52	14.20
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	13.50	13.44	13.49	14.20
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	13.49	13.53	13.46	14.20
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	13.47	13.45	13.51	14.20
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	13.55	13.44	13.56	14.20
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	13.56	13.42	13.47	14.20
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	13.51	13.44	13.49	14.20
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	13.59	13.53	13.48	14.20
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	13.60	13.44	13.55	14.20
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	13.54	13.51	13.56	14.20

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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					656000		
Frequency (MHz)					3840		
100	PI/2 BPSK	1	1		13.75		14.20
100	PI/2 BPSK	1	137		13.67		14.20
100	PI/2 BPSK	1	271		13.72		14.20
100	PI/2 BPSK	135	0		13.71		14.20
100	PI/2 BPSK	135	69		13.73		14.20
100	PI/2 BPSK	135	138		13.66		14.20
100	PI/2 BPSK	270	0		13.71		14.20
100	QPSK	1	1		13.65		14.20
100	QPSK	1	137		13.64		14.20
100	QPSK	1	271		13.60		14.20
100	QPSK	135	0		13.64		14.20
100	QPSK	135	69		13.64		14.20



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100	QPSK	135	138		13.69		14.20
100	QPSK	270	0		13.61		14.20
100	16QAM	1	1		13.61		14.20
100	64QAM	1	1		13.64		14.20
100	256QAM	1	1		13.69		14.20
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	13.60	13.69	13.58	14.20
90	PI/2 BPSK	1	120	0.00	0.00	0.00	14.20
90	PI/2 BPSK	1	243	0.00	0.00	0.00	14.20
90	PI/2 BPSK	120	0	0.00	0.00	0.00	14.20
90	PI/2 BPSK	120	60	0.00	0.00	0.00	14.20
90	PI/2 BPSK	120	120	0.00	0.00	0.00	14.20
90	PI/2 BPSK	240	0	0.00	0.00	0.00	14.20
90	QPSK	1	1	0.00	0.00	0.00	14.20
90	QPSK	1	120	0.00	0.00	0.00	14.20
90	QPSK	1	243	0.00	0.00	0.00	14.20
90	QPSK	120	0	0.00	0.00	0.00	14.20
90	QPSK	120	60	0.00	0.00	0.00	14.20
90	QPSK	120	120	0.00	0.00	0.00	14.20
90	QPSK	240	0	0.00	0.00	0.00	14.20
90	16QAM	1	1	0.00	0.00	0.00	14.20
90	64QAM	1	1	0.00	0.00	0.00	14.20
90	256QAM	1	1	0.00	0.00	0.00	14.20
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	13.69	13.65	13.67	14.20
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	13.61	13.69	13.68	14.20
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	13.70	13.65	13.59	14.20
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	13.72	13.62	13.62	14.20
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	13.63	13.64	13.68	14.20
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	13.67	13.66	13.56	14.20
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	13.62	13.64	13.59	14.20
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	13.62	13.72	13.58	14.20
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	13.63	13.67	13.63	14.20
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	13.60	13.61	13.69	14.20

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		20.18		21.40
100	PI/2 BPSK	1	137		20.01		21.40
100	PI/2 BPSK	1	271		20.11		21.40
100	PI/2 BPSK	135	0		20.09		21.40
100	PI/2 BPSK	135	69		20.15		21.40
100	PI/2 BPSK	135	138		20.10		21.40
100	PI/2 BPSK	270	0		20.12		21.40
100	QPSK	1	1		20.01		21.40
100	QPSK	1	137		19.95		21.40
100	QPSK	1	271		19.98		21.40
100	QPSK	135	0		19.93		21.40
100	QPSK	135	69		19.98		21.40
100	QPSK	135	138		20.13		21.40
100	QPSK	270	0		19.98		21.40



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100	16QAM	1	1		19.95		21.40
100	64QAM	1	1		20.08		21.40
100	256QAM	1	1		20.02		21.40
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	20.01	20.07	20.04	21.40
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	19.99	19.95	20.01	21.40
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	19.87	19.93	19.89	21.40
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	19.92	20.04	20.01	21.40
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	19.88	19.96	19.95	21.40
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	19.94	19.94	19.98	21.40
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	19.97	20.01	19.98	21.40
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	19.96	20.03	19.92	21.40
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	19.98	19.95	19.96	21.40
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	19.98	20.02	20.02	21.40
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	19.96	19.93	19.97	21.40

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					656000		
Frequency (MHz)					3840		
100	PI/2 BPSK	1	1		20.28		21.40
100	PI/2 BPSK	1	137		20.17		21.40
100	PI/2 BPSK	1	271		20.11		21.40
100	PI/2 BPSK	135	0		20.01		21.40
100	PI/2 BPSK	135	69		20.27		21.40
100	PI/2 BPSK	135	138		20.05		21.40
100	PI/2 BPSK	270	0		20.22		21.40
100	QPSK	1	1		20.10		21.40
100	QPSK	1	137		20.07		21.40
100	QPSK	1	271		20.19		21.40
100	QPSK	135	0		20.00		21.40
100	QPSK	135	69		20.10		21.40
100	QPSK	135	138		20.08		21.40
100	QPSK	270	0		20.03		21.40
100	16QAM	1	1		20.01		21.40
100	64QAM	1	1		20.03		21.40
100	256QAM	1	1		20.11		21.40
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	20.07	20.18	20.12	21.40
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	20.11	20.22	20.20	21.40
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	20.17	20.25	20.14	21.40
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	20.16	20.17	20.19	21.40
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	20.10	20.17	20.21	21.40



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Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	20.08	20.20	20.13	21.40
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	20.20	20.18	20.15	21.40
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	20.18	20.22	20.13	21.40
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	20.10	20.23	20.14	21.40
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	20.18	20.18	20.23	21.40
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	20.06	20.22	20.24	21.40

【FR1 n77 (27Q)_HPUE_Ant 8_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		26.43		27.00
100	PI/2 BPSK	1	137		26.04		27.00
100	PI/2 BPSK	1	271		26.18		27.00
100	PI/2 BPSK	135	0		26.13		27.00
100	PI/2 BPSK	135	69		26.39		27.00
100	PI/2 BPSK	135	138		25.98		27.00
100	PI/2 BPSK	270	0		26.33		27.00
100	QPSK	1	1		26.31		27.00
100	QPSK	1	137		25.96		27.00
100	QPSK	1	271		26.21		27.00
100	QPSK	135	0		26.17		27.00
100	QPSK	135	69		25.99		27.00
100	QPSK	135	138		26.01		27.00
100	QPSK	270	0		26.02		27.00
100	16QAM	1	1		26.39		27.00
100	64QAM	1	1		25.52		26.00
100	256QAM	1	1		23.53		24.00
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	26.38	26.40	26.35	27.00
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	26.29	26.27	26.23	27.00
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	26.24	26.30	26.22	27.00
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	26.25	26.30	26.32	27.00
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	26.25	26.30	26.25	27.00
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	26.29	26.28	26.21	27.00
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	26.37	26.28	26.26	27.00
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	26.33	26.27	26.25	27.00
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	26.31	26.31	26.22	27.00
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	26.25	26.28	26.28	27.00
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	26.31	26.36	26.22	27.00



【FR1 n77 (270)_HPUE_Ant 8_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					656000		
Frequency (MHz)					3840		
100	PI/2 BPSK	1	1		26.53		27.00
100	PI/2 BPSK	1	137		26.14		27.00
100	PI/2 BPSK	1	271		26.24		27.00
100	PI/2 BPSK	135	0		26.20		27.00
100	PI/2 BPSK	135	69		26.49		27.00
100	PI/2 BPSK	135	138		26.24		27.00
100	PI/2 BPSK	270	0		26.43		27.00
100	QPSK	1	1		26.41		27.00
100	QPSK	1	137		26.14		27.00
100	QPSK	1	271		26.24		27.00
100	QPSK	135	0		26.24		27.00
100	QPSK	135	69		26.19		27.00
100	QPSK	135	138		26.14		27.00
100	QPSK	270	0		26.26		27.00
100	16QAM	1	1		26.35		27.00
100	64QAM	1	1		25.52		26.00
100	256QAM	1	1		23.52		24.00
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	26.42	26.39	26.39	27.00
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	26.41	26.51	26.35	27.00
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	26.30	26.42	26.37	27.00
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	26.34	26.51	26.35	27.00
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	26.36	26.46	26.42	27.00
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	26.38	26.45	26.42	27.00
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	26.41	26.45	26.43	27.00
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	26.44	26.49	26.45	27.00
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	26.41	26.49	26.40	27.00
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	26.35	26.51	26.44	27.00
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	26.44	26.49	26.45	27.00

【FR1 n78 (27Q)_Ant 4_Full Power】

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		23.27		24.00
100	PI/2 BPSK	1	137		22.87		24.00
100	PI/2 BPSK	1	271		22.99		24.00
100	PI/2 BPSK	135	0		23.15		24.00
100	PI/2 BPSK	135	69		23.20		24.00
100	PI/2 BPSK	135	138		22.97		24.00
100	PI/2 BPSK	270	0		23.16		24.00
100	QPSK	1	1		23.26		24.00
100	QPSK	1	137		22.86		24.00
100	QPSK	1	271		23.04		24.00



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100	QPSK	135	0		23.03		24.00
100	QPSK	135	69		22.81		24.00
100	QPSK	135	138		22.87		24.00
100	QPSK	270	0		23.03		24.00
100	16QAM	1	1		23.21		24.00
100	64QAM	1	1		23.20		24.00
100	256QAM	1	1		22.40		23.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	23.18	23.22	23.16	24.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	23.16	23.17	23.11	24.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	23.06	23.16	23.05	24.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	23.08	23.20	23.06	24.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	23.16	23.13	23.04	24.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	23.13	23.09	23.02	24.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	23.13	23.11	23.06	24.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	23.15	23.20	23.13	24.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	23.11	23.10	23.04	24.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	23.11	23.10	23.10	24.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	23.08	23.11	23.08	24.00

【FR1 n78 (270)_Ant 4_Full Power】

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		23.18		24.00
100	PI/2 BPSK	1	137		23.03		24.00
100	PI/2 BPSK	1	271		23.16		24.00
100	PI/2 BPSK	135	0		23.07		24.00
100	PI/2 BPSK	135	69		23.14		24.00
100	PI/2 BPSK	135	138		23.10		24.00
100	PI/2 BPSK	270	0		23.13		24.00
100	QPSK	1	1		23.15		24.00
100	QPSK	1	137		23.04		24.00
100	QPSK	1	271		23.05		24.00
100	QPSK	135	0		23.05		24.00
100	QPSK	135	69		23.02		24.00
100	QPSK	135	138		23.05		24.00
100	QPSK	270	0		23.14		24.00
100	16QAM	1	1		23.06		24.00
100	64QAM	1	1		23.10		24.00
100	256QAM	1	1		22.28		23.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	23.11	23.15	23.09	24.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	23.04	23.00	23.06	24.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	23.05	23.10	22.98	24.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)



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60	PI/2 BPSK	1	1	22.99	23.01	22.99	24.00
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	22.96	23.07	22.95	24.00
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	23.05	23.07	22.94	24.00
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	22.97	23.01	22.97	24.00
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	23.00	23.08	23.02	24.00
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	23.04	23.09	23.04	24.00
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	22.99	23.09	22.98	24.00
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	23.03	23.04	23.08	24.00

【FR1 n78 (27Q)_Ant 4_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.27		24.00
100	PI/2 BPSK	1	137		22.87		24.00
100	PI/2 BPSK	1	271		22.99		24.00
100	PI/2 BPSK	135	0		23.15		24.00
100	PI/2 BPSK	135	69		23.20		24.00
100	PI/2 BPSK	135	138		22.97		24.00
100	PI/2 BPSK	270	0		23.16		24.00
100	QPSK	1	1		23.26		24.00
100	QPSK	1	137		22.86		24.00
100	QPSK	1	271		23.04		24.00
100	QPSK	135	0		23.03		24.00
100	QPSK	135	69		22.81		24.00
100	QPSK	135	138		22.87		24.00
100	QPSK	270	0		23.03		24.00
100	16QAM	1	1		23.21		24.00
100	64QAM	1	1		23.20		24.00
100	256QAM	1	1		22.40		23.00
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	23.18	23.22	23.16	24.00
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	23.16	23.17	23.11	24.00
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	23.06	23.16	23.05	24.00
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	23.08	23.20	23.06	24.00
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	23.16	23.13	23.04	24.00
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	23.13	23.09	23.02	24.00
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	23.13	23.11	23.06	24.00
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	23.15	23.20	23.13	24.00
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	23.11	23.10	23.04	24.00
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	



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15	PI/2 BPSK	1	1	23.11	23.10	23.10	24.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	23.08	23.11	23.08	24.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		23.18		24.00
100	PI/2 BPSK	1	137		23.03		24.00
100	PI/2 BPSK	1	271		23.16		24.00
100	PI/2 BPSK	135	0		23.07		24.00
100	PI/2 BPSK	135	69		23.14		24.00
100	PI/2 BPSK	135	138		23.10		24.00
100	PI/2 BPSK	270	0		23.13		24.00
100	QPSK	1	1		23.15		24.00
100	QPSK	1	137		23.04		24.00
100	QPSK	1	271		23.05		24.00
100	QPSK	135	0		23.05		24.00
100	QPSK	135	69		23.02		24.00
100	QPSK	135	138		23.05		24.00
100	QPSK	270	0		23.14		24.00
100	16QAM	1	1		23.06		24.00
100	64QAM	1	1		23.10		24.00
100	256QAM	1	1		22.28		23.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	23.11	23.15	23.09	24.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	23.04	23.00	23.06	24.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	23.05	23.10	22.98	24.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	22.99	23.01	22.99	24.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	22.96	23.07	22.95	24.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	23.05	23.07	22.94	24.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	22.97	23.01	22.97	24.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	23.00	23.08	23.02	24.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	23.04	23.09	23.04	24.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	22.99	23.09	22.98	24.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	23.03	23.04	23.08	24.00

【FR1 n78 (27Q)_Ant 4_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		19.18		19.90
100	PI/2 BPSK	1	137		19.03		19.90
100	PI/2 BPSK	1	271		19.14		19.90



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100	PI/2 BPSK	135	0		18.95		19.90
100	PI/2 BPSK	135	69		19.15		19.90
100	PI/2 BPSK	135	138		19.11		19.90
100	PI/2 BPSK	270	0		19.13		19.90
100	QPSK	1	1		19.12		19.90
100	QPSK	1	137		19.14		19.90
100	QPSK	1	271		18.96		19.90
100	QPSK	135	0		18.93		19.90
100	QPSK	135	69		19.06		19.90
100	QPSK	135	138		18.95		19.90
100	QPSK	270	0		19.03		19.90
100	16QAM	1	1		19.03		19.90
100	64QAM	1	1		19.14		19.90
100	256QAM	1	1		19.13		19.90
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	19.12	19.04	18.96	19.90
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	18.99	19.02	18.88	19.90
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	19.06	19.03	18.87	19.90
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	19.01	18.92	18.82	19.90
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	19.00	18.97	18.93	19.90
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	19.01	18.95	18.94	19.90
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	19.03	18.99	18.94	19.90
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	19.06	18.92	18.84	19.90
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	19.06	18.90	18.89	19.90
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	19.07	19.02	18.84	19.90
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	19.06	18.89	18.83	19.90

【FR1 n78 (270)_Ant 4_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		19.08		19.90
100	PI/2 BPSK	1	137		18.87		19.90
100	PI/2 BPSK	1	271		19.07		19.90
100	PI/2 BPSK	135	0		19.01		19.90
100	PI/2 BPSK	135	69		19.05		19.90
100	PI/2 BPSK	135	138		18.88		19.90
100	PI/2 BPSK	270	0		19.01		19.90
100	QPSK	1	1		18.88		19.90
100	QPSK	1	137		18.91		19.90
100	QPSK	1	271		19.07		19.90
100	QPSK	135	0		18.83		19.90
100	QPSK	135	69		19.06		19.90
100	QPSK	135	138		19.00		19.90
100	QPSK	270	0		18.88		19.90
100	16QAM	1	1		18.90		19.90
100	64QAM	1	1		18.85		19.90
100	256QAM	1	1		18.94		19.90
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	18.92	18.86	18.88	19.90
Channel				649334	650000	650666	Tune-up limit



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Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	18.88	18.77	18.75	19.90
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	18.79	18.83	18.82	19.90
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	18.90	18.77	18.84	19.90
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	18.83	18.80	18.86	19.90
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	18.83	18.73	18.80	19.90
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	18.84	18.76	18.81	19.90
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	18.78	18.79	18.79	19.90
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	18.88	18.80	18.86	19.90
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	18.80	18.85	18.85	19.90
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	18.80	18.79	18.80	19.90

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.27		24.00
100	PI/2 BPSK	1	137		22.87		24.00
100	PI/2 BPSK	1	271		22.99		24.00
100	PI/2 BPSK	135	0		23.15		24.00
100	PI/2 BPSK	135	69		23.20		24.00
100	PI/2 BPSK	135	138		22.97		24.00
100	PI/2 BPSK	270	0		23.16		24.00
100	QPSK	1	1		23.26		24.00
100	QPSK	1	137		22.86		24.00
100	QPSK	1	271		23.04		24.00
100	QPSK	135	0		23.03		24.00
100	QPSK	135	69		22.81		24.00
100	QPSK	135	138		22.87		24.00
100	QPSK	270	0		23.03		24.00
100	16QAM	1	1		23.21		24.00
100	64QAM	1	1		23.20		24.00
100	256QAM	1	1		22.40		24.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	23.18	23.22	23.16	24.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	23.16	23.17	23.11	24.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	23.06	23.16	23.05	24.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	23.08	23.20	23.06	24.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	23.16	23.13	23.04	24.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	23.13	23.09	23.02	24.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	23.13	23.11	23.06	24.00
Channel				630834	633332	635832	Tune-up limit



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Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	23.15	23.20	23.13	24.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	23.11	23.10	23.04	24.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	23.11	23.10	23.10	24.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	23.08	23.11	23.08	24.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		23.18		24.00
100	PI/2 BPSK	1	137		23.03		24.00
100	PI/2 BPSK	1	271		23.16		24.00
100	PI/2 BPSK	135	0		23.07		24.00
100	PI/2 BPSK	135	69		23.14		24.00
100	PI/2 BPSK	135	138		23.10		24.00
100	PI/2 BPSK	270	0		23.13		24.00
100	QPSK	1	1		23.15		24.00
100	QPSK	1	137		23.04		24.00
100	QPSK	1	271		23.05		24.00
100	QPSK	135	0		23.05		24.00
100	QPSK	135	69		23.02		24.00
100	QPSK	135	138		23.05		24.00
100	QPSK	270	0		23.14		24.00
100	16QAM	1	1		23.06		24.00
100	64QAM	1	1		23.10		24.00
100	256QAM	1	1		22.28		24.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	23.11	23.15	23.09	24.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	23.04	23.00	23.06	24.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	23.05	23.10	22.98	24.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	22.99	23.01	22.99	24.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	22.96	23.07	22.95	24.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	23.05	23.07	22.94	24.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	22.97	23.01	22.97	24.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	23.00	23.08	23.02	24.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	23.04	23.09	23.04	24.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	22.99	23.09	22.98	24.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	23.03	23.04	23.08	24.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		13.35		14.30
100	PI/2 BPSK	1	137		13.28		14.30
100	PI/2 BPSK	1	271		13.28		14.30
100	PI/2 BPSK	135	0		13.28		14.30
100	PI/2 BPSK	135	69		13.34		14.30
100	PI/2 BPSK	135	138		13.30		14.30
100	PI/2 BPSK	270	0		13.21		14.30
100	QPSK	1	1		13.22		14.30
100	QPSK	1	137		13.31		14.30
100	QPSK	1	271		13.24		14.30
100	QPSK	135	0		13.26		14.30
100	QPSK	135	69		13.31		14.30
100	QPSK	135	138		13.23		14.30
100	QPSK	270	0		13.20		14.30
100	16QAM	1	1		13.23		14.30
100	64QAM	1	1		13.22		14.30
100	256QAM	1	1		13.22		13.30
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	13.15	13.25	13.18	14.30
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	13.02	13.17	13.15	14.30
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	13.14	13.14	13.08	14.30
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	13.07	13.21	13.12	14.30
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	13.12	13.17	13.13	14.30
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	13.02	13.18	13.13	14.30
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	13.00	13.14	13.04	14.30
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	13.11	13.21	13.07	14.30
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	13.12	13.21	13.11	14.30
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	13.02	13.12	13.13	14.30
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	13.00	13.19	13.06	14.30

【FR1 n78 (27O)_Ant 4_DSI 12】

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		13.36		14.30
100	PI/2 BPSK	1	137		13.29		14.30
100	PI/2 BPSK	1	271		13.24		14.30
100	PI/2 BPSK	135	0		13.26		14.30
100	PI/2 BPSK	135	69		13.33		14.30
100	PI/2 BPSK	135	138		13.30		14.30
100	PI/2 BPSK	270	0		13.22		14.30
100	QPSK	1	1		13.26		14.30
100	QPSK	1	137		13.24		14.30
100	QPSK	1	271		13.32		14.30



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100	QPSK	135	0		13.25		14.30
100	QPSK	135	69		13.26		14.30
100	QPSK	135	138		13.26		14.30
100	QPSK	270	0		13.26		14.30
100	16QAM	1	1		13.25		14.30
100	64QAM	1	1		13.22		14.30
100	256QAM	1	1		13.32		14.30
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	13.11	13.23	13.17	14.30
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	13.04	13.19	13.09	14.30
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	12.97	13.16	13.04	14.30
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	12.96	13.15	13.09	14.30
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	13.07	13.15	13.13	14.30
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	13.06	13.18	13.09	14.30
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	13.06	13.11	13.07	14.30
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	13.04	13.13	13.03	14.30
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	13.01	13.14	13.05	14.30
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	13.05	13.21	13.15	14.30
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	13.06	13.21	13.07	14.30

【FR1 n78 (27Q)_Ant 4_DSI 7】

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		19.18		19.90
100	PI/2 BPSK	1	137		19.03		19.90
100	PI/2 BPSK	1	271		19.14		19.90
100	PI/2 BPSK	135	0		18.95		19.90
100	PI/2 BPSK	135	69		19.15		19.90
100	PI/2 BPSK	135	138		19.11		19.90
100	PI/2 BPSK	270	0		19.13		19.90
100	QPSK	1	1		19.12		19.90
100	QPSK	1	137		19.14		19.90
100	QPSK	1	271		18.96		19.90
100	QPSK	135	0		18.93		19.90
100	QPSK	135	69		19.06		19.90
100	QPSK	135	138		18.95		19.90
100	QPSK	270	0		19.03		19.90
100	16QAM	1	1		19.03		19.90
100	64QAM	1	1		19.14		19.90
100	256QAM	1	1		19.13		19.90
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	19.12	19.04	18.96	19.90
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	18.99	19.02	18.88	19.90
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	19.06	19.03	18.87	19.90
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)



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60	PI/2 BPSK	1	1	19.01	18.92	18.82	19.90
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	19.00	18.97	18.93	19.90
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	19.01	18.95	18.94	19.90
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	19.03	18.99	18.94	19.90
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	19.06	18.92	18.84	19.90
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	19.06	18.90	18.89	19.90
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	19.07	19.02	18.84	19.90
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	19.06	18.89	18.83	19.90

【FR1 n78 (270)_Ant 4_DSI 7】

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		19.08		19.90
100	PI/2 BPSK	1	137		18.87		19.90
100	PI/2 BPSK	1	271		19.07		19.90
100	PI/2 BPSK	135	0		19.01		19.90
100	PI/2 BPSK	135	69		19.05		19.90
100	PI/2 BPSK	135	138		18.88		19.90
100	PI/2 BPSK	270	0		19.01		19.90
100	QPSK	1	1		18.88		19.90
100	QPSK	1	137		18.91		19.90
100	QPSK	1	271		19.07		19.90
100	QPSK	135	0		18.83		19.90
100	QPSK	135	69		19.06		19.90
100	QPSK	135	138		19.00		19.90
100	QPSK	270	0		18.88		19.90
100	16QAM	1	1		18.90		19.90
100	64QAM	1	1		18.85		19.90
100	256QAM	1	1		18.94		19.90
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	18.92	18.86	18.88	19.90
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	18.88	18.77	18.75	19.90
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	18.79	18.83	18.82	19.90
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	18.90	18.77	18.84	19.90
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	18.83	18.80	18.86	19.90
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	18.83	18.73	18.80	19.90
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	18.84	18.76	18.81	19.90
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	18.78	18.79	18.79	19.90
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	18.88	18.80	18.86	19.90
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	



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15	PI/2 BPSK	1	1	18.80	18.85	18.85	19.90
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	18.80	18.79	18.80	19.90

【FR1 n78 (27Q)_Ant 4_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.27		24.00
100	PI/2 BPSK	1	137		22.87		24.00
100	PI/2 BPSK	1	271		22.99		24.00
100	PI/2 BPSK	135	0		23.15		24.00
100	PI/2 BPSK	135	69		23.20		24.00
100	PI/2 BPSK	135	138		22.97		24.00
100	PI/2 BPSK	270	0		23.16		24.00
100	QPSK	1	1		23.26		24.00
100	QPSK	1	137		22.86		24.00
100	QPSK	1	271		23.04		24.00
100	QPSK	135	0		23.03		24.00
100	QPSK	135	69		22.81		24.00
100	QPSK	135	138		22.87		24.00
100	QPSK	270	0		23.03		24.00
100	16QAM	1	1		23.21		24.00
100	64QAM	1	1		23.20		24.00
100	256QAM	1	1		22.40		23.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	23.18	23.22	23.16	24.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	23.16	23.17	23.11	24.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	23.06	23.16	23.05	24.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	23.08	23.20	23.06	24.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	23.16	23.13	23.04	24.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	23.13	23.09	23.02	24.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	23.13	23.11	23.06	24.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	23.15	23.20	23.13	24.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	23.11	23.10	23.04	24.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	23.11	23.10	23.10	24.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	23.08	23.11	23.08	24.00



【FR1 n78 (270)_Ant 4_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		23.18		24.00
100	PI/2 BPSK	1	137		23.03		24.00
100	PI/2 BPSK	1	271		23.16		24.00
100	PI/2 BPSK	135	0		23.07		24.00
100	PI/2 BPSK	135	69		23.14		24.00
100	PI/2 BPSK	135	138		23.10		24.00
100	PI/2 BPSK	270	0		23.13		24.00
100	QPSK	1	1		23.15		24.00
100	QPSK	1	137		23.04		24.00
100	QPSK	1	271		23.05		24.00
100	QPSK	135	0		23.05		24.00
100	QPSK	135	69		23.02		24.00
100	QPSK	135	138		23.05		24.00
100	QPSK	270	0		23.14		24.00
100	16QAM	1	1		23.06		24.00
100	64QAM	1	1		23.10		24.00
100	256QAM	1	1		22.28		23.00
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	23.11	23.15	23.09	24.00
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	23.04	23.00	23.06	24.00
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	23.05	23.10	22.98	24.00
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	22.99	23.01	22.99	24.00
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	22.96	23.07	22.95	24.00
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	23.05	23.07	22.94	24.00
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	22.97	23.01	22.97	24.00
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	23.00	23.08	23.02	24.00
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	23.04	23.09	23.04	24.00
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	22.99	23.09	22.98	24.00
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	23.03	23.04	23.08	24.00

【FR1 n78 (27Q)_HPUE_Ant 4_Full Power】

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		27.00
100	PI/2 BPSK	1	137		25.93		27.00
100	PI/2 BPSK	1	271		26.01		27.00
100	PI/2 BPSK	135	0		26.05		27.00
100	PI/2 BPSK	135	69		26.16		27.00
100	PI/2 BPSK	135	138		25.89		27.00
100	PI/2 BPSK	270	0		26.03		27.00
100	QPSK	1	1		26.22		27.00
100	QPSK	1	137		25.82		27.00
100	QPSK	1	271		26.00		27.00



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100	QPSK	135	0		26.05		27.00
100	QPSK	135	69		25.85		27.00
100	QPSK	135	138		25.88		27.00
100	QPSK	270	0		25.99		27.00
100	16QAM	1	1		26.10		27.00
100	64QAM	1	1		24.61		25.50
100	256QAM	1	1		22.32		23.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	26.17	26.20	26.15	27.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	26.07	26.11	26.05	27.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	26.08	26.08	26.08	27.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	26.10	26.08	26.05	27.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	26.12	26.12	26.13	27.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	26.13	26.14	26.10	27.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	26.13	26.10	26.08	27.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	26.03	26.18	26.03	27.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	26.12	26.18	26.06	27.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	26.08	26.09	26.04	27.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	26.11	26.12	26.07	27.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		26.23		27.00
100	PI/2 BPSK	1	137		26.05		27.00
100	PI/2 BPSK	1	271		26.16		27.00
100	PI/2 BPSK	135	0		26.03		27.00
100	PI/2 BPSK	135	69		26.19		27.00
100	PI/2 BPSK	135	138		26.02		27.00
100	PI/2 BPSK	270	0		26.15		27.00
100	QPSK	1	1		26.12		27.00
100	QPSK	1	137		25.88		27.00
100	QPSK	1	271		26.12		27.00
100	QPSK	135	0		25.97		27.00
100	QPSK	135	69		25.95		27.00
100	QPSK	135	138		26.03		27.00
100	QPSK	270	0		26.00		27.00
100	16QAM	1	1		26.14		27.00
100	64QAM	1	1		24.83		25.50
100	256QAM	1	1		22.86		23.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	26.17	26.19	26.14	27.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	26.16	26.05	26.00	27.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	26.08	26.06	26.11	27.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)



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60	PI/2 BPSK	1	1	26.08	26.08	26.08	27.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	26.07	26.17	26.12	27.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	26.15	26.07	26.08	27.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	26.08	26.05	26.01	27.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	26.06	26.06	26.10	27.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	26.03	26.07	26.05	27.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	26.14	26.05	26.00	27.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	26.03	26.05	26.07	27.00

【FR1 n78 (27Q)_HPUE_Ant 4_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		26.24		27.00
100	PI/2 BPSK	1	137		25.93		27.00
100	PI/2 BPSK	1	271		26.01		27.00
100	PI/2 BPSK	135	0		26.05		27.00
100	PI/2 BPSK	135	69		26.16		27.00
100	PI/2 BPSK	135	138		25.89		27.00
100	PI/2 BPSK	270	0		26.03		27.00
100	QPSK	1	1		26.22		27.00
100	QPSK	1	137		25.82		27.00
100	QPSK	1	271		26.00		27.00
100	QPSK	135	0		26.05		27.00
100	QPSK	135	69		25.85		27.00
100	QPSK	135	138		25.88		27.00
100	QPSK	270	0		25.99		27.00
100	16QAM	1	1		26.10		27.00
100	64QAM	1	1		24.61		26.00
100	256QAM	1	1		22.32		24.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	26.17	26.20	26.15	27.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	26.07	26.11	26.05	27.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	26.08	26.08	26.08	27.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	26.10	26.08	26.05	27.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	26.12	26.12	26.13	27.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	26.13	26.14	26.10	27.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	26.13	26.10	26.08	27.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	26.03	26.18	26.03	27.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	26.12	26.18	26.06	27.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)



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15	PI/2 BPSK	1	1	26.08	26.09	26.04	27.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	26.11	26.12	26.07	27.00

【FR1 n78 (270)_HPUE_Ant 4_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		26.23		27.00
100	PI/2 BPSK	1	137		26.05		27.00
100	PI/2 BPSK	1	271		26.16		27.00
100	PI/2 BPSK	135	0		26.03		27.00
100	PI/2 BPSK	135	69		26.19		27.00
100	PI/2 BPSK	135	138		26.02		27.00
100	PI/2 BPSK	270	0		26.15		27.00
100	QPSK	1	1		26.12		27.00
100	QPSK	1	137		25.88		27.00
100	QPSK	1	271		26.12		27.00
100	QPSK	135	0		25.97		27.00
100	QPSK	135	69		25.95		27.00
100	QPSK	135	138		26.03		27.00
100	QPSK	270	0		26.00		27.00
100	16QAM	1	1		26.14		27.00
100	64QAM	1	1		24.83		26.00
100	256QAM	1	1		22.86		24.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	26.17	26.19	26.14	27.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	26.16	26.05	26.00	27.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	26.08	26.06	26.11	27.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	26.08	26.08	26.08	27.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	26.07	26.17	26.12	27.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	26.15	26.07	26.08	27.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	26.08	26.05	26.01	27.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	26.06	26.06	26.10	27.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	26.03	26.07	26.05	27.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	26.14	26.05	26.00	27.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	26.03	26.05	26.07	27.00

【FR1 n78 (27Q)_HPUE_Ant 4_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		22.16		22.90
100	PI/2 BPSK	1	137		22.09		22.90
100	PI/2 BPSK	1	271		21.93		22.90



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100	PI/2 BPSK	135	0		22.08		22.90
100	PI/2 BPSK	135	69		22.14		22.90
100	PI/2 BPSK	135	138		22.06		22.90
100	PI/2 BPSK	270	0		22.09		22.90
100	QPSK	1	1		21.96		22.90
100	QPSK	1	137		21.90		22.90
100	QPSK	1	271		22.02		22.90
100	QPSK	135	0		21.98		22.90
100	QPSK	135	69		22.09		22.90
100	QPSK	135	138		21.94		22.90
100	QPSK	270	0		22.04		22.90
100	16QAM	1	1		21.98		22.90
100	64QAM	1	1		21.90		22.90
100	256QAM	1	1		22.32		22.90
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	21.89	21.90	22.04	22.90
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	21.83	21.83	21.93	22.90
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	21.85	21.80	21.96	22.90
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	21.75	21.80	21.96	22.90
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	21.75	21.81	21.91	22.90
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	21.84	21.77	21.95	22.90
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	21.79	21.87	21.98	22.90
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	21.85	21.77	21.90	22.90
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	21.85	21.87	22.00	22.90
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	21.86	21.87	21.96	22.90
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	21.78	21.81	22.02	22.90

【FR1 n78 (270)_HPUE_Ant 4_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		22.17		22.90
100	PI/2 BPSK	1	137		22.07		22.90
100	PI/2 BPSK	1	271		22.09		22.90
100	PI/2 BPSK	135	0		21.96		22.90
100	PI/2 BPSK	135	69		22.15		22.90
100	PI/2 BPSK	135	138		22.12		22.90
100	PI/2 BPSK	270	0		22.10		22.90
100	QPSK	1	1		21.89		22.90
100	QPSK	1	137		21.89		22.90
100	QPSK	1	271		22.08		22.90
100	QPSK	135	0		21.95		22.90
100	QPSK	135	69		22.02		22.90
100	QPSK	135	138		22.11		22.90
100	QPSK	270	0		21.90		22.90
100	16QAM	1	1		21.99		22.90
100	64QAM	1	1		21.94		22.90
100	256QAM	1	1		22.07		22.90
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	22.03	22.00	21.89	22.90
Channel				649334	650000	650666	Tune-up limit



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Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	21.90	21.98	21.85	22.90
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	22.01	21.90	21.85	22.90
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	21.95	21.87	21.81	22.90
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	21.90	21.90	21.87	22.90
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	22.00	21.91	21.84	22.90
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	21.92	21.90	21.82	22.90
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	21.88	21.98	21.76	22.90
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	21.88	21.91	21.87	22.90
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	21.93	21.89	21.82	22.90
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	21.98	21.91	21.86	22.90

【FR1 n78 (27Q)_HPUE_Ant 4_DSI 6】

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		27.00
100	PI/2 BPSK	1	137		25.93		27.00
100	PI/2 BPSK	1	271		26.01		27.00
100	PI/2 BPSK	135	0		26.05		27.00
100	PI/2 BPSK	135	69		26.16		27.00
100	PI/2 BPSK	135	138		25.89		27.00
100	PI/2 BPSK	270	0		26.03		27.00
100	QPSK	1	1		26.22		27.00
100	QPSK	1	137		25.82		27.00
100	QPSK	1	271		26.00		27.00
100	QPSK	135	0		26.05		27.00
100	QPSK	135	69		25.85		27.00
100	QPSK	135	138		25.88		27.00
100	QPSK	270	0		25.99		27.00
100	16QAM	1	1		26.10		27.00
100	64QAM	1	1		24.61		26.00
100	256QAM	1	1		22.32		24.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	26.17	26.20	26.15	27.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	26.07	26.11	26.05	27.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	26.08	26.08	26.08	27.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	26.10	26.08	26.05	27.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	26.12	26.12	26.13	27.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	26.13	26.14	26.10	27.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	26.13	26.10	26.08	27.00
Channel				630834	633332	635832	Tune-up limit



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Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	26.03	26.18	26.03	27.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	26.12	26.18	26.06	27.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	26.08	26.09	26.04	27.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	26.11	26.12	26.07	27.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		26.23		27.00
100	PI/2 BPSK	1	137		26.05		27.00
100	PI/2 BPSK	1	271		26.16		27.00
100	PI/2 BPSK	135	0		26.03		27.00
100	PI/2 BPSK	135	69		26.19		27.00
100	PI/2 BPSK	135	138		26.02		27.00
100	PI/2 BPSK	270	0		26.15		27.00
100	QPSK	1	1		26.12		27.00
100	QPSK	1	137		25.88		27.00
100	QPSK	1	271		26.12		27.00
100	QPSK	135	0		25.97		27.00
100	QPSK	135	69		25.95		27.00
100	QPSK	135	138		26.03		27.00
100	QPSK	270	0		26.00		27.00
100	16QAM	1	1		26.14		27.00
100	64QAM	1	1		24.83		26.00
100	256QAM	1	1		22.86		24.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	26.17	26.19	26.14	27.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	26.16	26.05	26.00	27.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	26.08	26.06	26.11	27.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	26.08	26.08	26.08	27.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	26.07	26.17	26.12	27.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	26.15	26.07	26.08	27.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	26.08	26.05	26.01	27.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	26.06	26.06	26.10	27.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	26.03	26.07	26.05	27.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	26.14	26.05	26.00	27.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	26.03	26.05	26.07	27.00



【FR1 n78 (27Q)_HPUE_Ant 4_DSI 12】

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		16.31		17.30
100	PI/2 BPSK	1	137		16.18		17.30
100	PI/2 BPSK	1	271		16.28		17.30
100	PI/2 BPSK	135	0		16.17		17.30
100	PI/2 BPSK	135	69		16.29		17.30
100	PI/2 BPSK	135	138		16.18		17.30
100	PI/2 BPSK	270	0		16.21		17.30
100	QPSK	1	1		16.22		17.30
100	QPSK	1	137		16.21		17.30
100	QPSK	1	271		16.25		17.30
100	QPSK	135	0		16.23		17.30
100	QPSK	135	69		16.26		17.30
100	QPSK	135	138		16.21		17.30
100	QPSK	270	0		16.24		17.30
100	16QAM	1	1		16.27		17.30
100	64QAM	1	1		16.25		17.30
100	256QAM	1	1		16.17		17.30
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	16.21	16.25	16.17	17.30
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	16.13	16.18	16.13	17.30
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	16.07	16.13	16.12	17.30
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	16.20	16.22	16.06	17.30
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	16.16	16.14	16.12	17.30
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	16.14	16.16	16.03	17.30
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	16.11	16.10	16.08	17.30
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	16.12	16.22	16.11	17.30
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	16.18	16.17	16.07	17.30
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	16.17	16.24	16.04	17.30
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	16.19	16.22	16.03	17.30

【FR1 n78 (27O)_HPUE_Ant 4_DSI 12】

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		16.25		17.30
100	PI/2 BPSK	1	137		16.12		17.30
100	PI/2 BPSK	1	271		16.18		17.30
100	PI/2 BPSK	135	0		16.13		17.30
100	PI/2 BPSK	135	69		16.24		17.30
100	PI/2 BPSK	135	138		16.15		17.30
100	PI/2 BPSK	270	0		16.13		17.30
100	QPSK	1	1		16.12		17.30
100	QPSK	1	137		16.14		17.30
100	QPSK	1	271		16.19		17.30



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100	QPSK	135	0		16.15		17.30
100	QPSK	135	69		16.13		17.30
100	QPSK	135	138		16.18		17.30
100	QPSK	270	0		16.18		17.30
100	16QAM	1	1		16.11		17.30
100	64QAM	1	1		16.13		17.30
100	256QAM	1	1		16.11		17.30
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	16.11	16.15	16.13	17.30
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	16.04	16.07	16.00	17.30
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	16.01	16.07	15.99	17.30
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	16.10	16.11	16.05	17.30
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	16.05	16.07	16.00	17.30
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	16.05	16.05	15.99	17.30
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	16.08	16.12	15.98	17.30
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	15.97	16.00	16.10	17.30
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	15.99	16.12	16.02	17.30
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	15.99	16.14	16.11	17.30
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	16.07	16.01	15.99	17.30

【FR1 n78 (27Q)_HPUE_Ant 4_DSI 7】

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		22.16		22.90
100	PI/2 BPSK	1	137		22.09		22.90
100	PI/2 BPSK	1	271		21.93		22.90
100	PI/2 BPSK	135	0		22.08		22.90
100	PI/2 BPSK	135	69		22.14		22.90
100	PI/2 BPSK	135	138		22.06		22.90
100	PI/2 BPSK	270	0		22.09		22.90
100	QPSK	1	1		21.96		22.90
100	QPSK	1	137		21.90		22.90
100	QPSK	1	271		22.02		22.90
100	QPSK	135	0		21.98		22.90
100	QPSK	135	69		22.09		22.90
100	QPSK	135	138		21.94		22.90
100	QPSK	270	0		22.04		22.90
100	16QAM	1	1		21.98		22.90
100	64QAM	1	1		21.90		22.90
100	256QAM	1	1		22.32		22.90
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	21.89	21.90	22.04	22.90
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	21.83	21.83	21.93	22.90
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	21.85	21.80	21.96	22.90
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)



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60	PI/2 BPSK	1	1	21.75	21.80	21.96	22.90
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	21.75	21.81	21.91	22.90
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	21.84	21.77	21.95	22.90
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	21.79	21.87	21.98	22.90
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	21.85	21.77	21.90	22.90
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	21.85	21.87	22.00	22.90
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	21.86	21.87	21.96	22.90
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	21.78	21.81	22.02	22.90

【FR1 n78 (270)_HPUE_Ant 4_DSI 7】

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		22.17		22.90
100	PI/2 BPSK	1	137		22.07		22.90
100	PI/2 BPSK	1	271		22.09		22.90
100	PI/2 BPSK	135	0		21.96		22.90
100	PI/2 BPSK	135	69		22.15		22.90
100	PI/2 BPSK	135	138		22.12		22.90
100	PI/2 BPSK	270	0		22.10		22.90
100	QPSK	1	1		21.89		22.90
100	QPSK	1	137		21.89		22.90
100	QPSK	1	271		22.08		22.90
100	QPSK	135	0		21.95		22.90
100	QPSK	135	69		22.02		22.90
100	QPSK	135	138		22.11		22.90
100	QPSK	270	0		21.90		22.90
100	16QAM	1	1		21.99		22.90
100	64QAM	1	1		21.94		22.90
100	256QAM	1	1		22.07		22.90
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	22.03	22.00	21.89	22.90
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	21.90	21.98	21.85	22.90
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	22.01	21.90	21.85	22.90
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	21.95	21.87	21.81	22.90
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	21.90	21.90	21.87	22.90
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	22.00	21.91	21.84	22.90
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	21.92	21.90	21.82	22.90
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	21.88	21.98	21.76	22.90
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	21.88	21.91	21.87	22.90
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)



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15	PI/2 BPSK	1	1	21.93	21.89	21.82	22.90
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	21.98	21.91	21.86	22.90

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		26.24		27.00
100	PI/2 BPSK	1	137		25.93		27.00
100	PI/2 BPSK	1	271		26.01		27.00
100	PI/2 BPSK	135	0		26.05		27.00
100	PI/2 BPSK	135	69		26.16		27.00
100	PI/2 BPSK	135	138		25.89		27.00
100	PI/2 BPSK	270	0		26.03		27.00
100	QPSK	1	1		26.22		27.00
100	QPSK	1	137		25.82		27.00
100	QPSK	1	271		26.00		27.00
100	QPSK	135	0		26.05		27.00
100	QPSK	135	69		25.85		27.00
100	QPSK	135	138		25.88		27.00
100	QPSK	270	0		25.99		27.00
100	16QAM	1	1		26.10		27.00
100	64QAM	1	1		24.61		26.00
100	256QAM	1	1		22.32		24.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	26.17	26.20	26.15	27.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	26.07	26.11	26.05	27.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	26.08	26.08	26.08	27.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	26.10	26.08	26.05	27.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	26.12	26.12	26.13	27.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	26.13	26.14	26.10	27.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	26.13	26.10	26.08	27.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	26.03	26.18	26.03	27.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	26.12	26.18	26.06	27.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	26.08	26.09	26.04	27.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	26.11	26.12	26.07	27.00

【FR1 n78 (27O)_HPUE_Ant 4_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		26.23		27.00
100	PI/2 BPSK	1	137		26.05		27.00
100	PI/2 BPSK	1	271		26.16		27.00



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100	PI/2 BPSK	135	0		26.03		27.00
100	PI/2 BPSK	135	69		26.19		27.00
100	PI/2 BPSK	135	138		26.02		27.00
100	PI/2 BPSK	270	0		26.15		27.00
100	QPSK	1	1		26.12		27.00
100	QPSK	1	137		25.88		27.00
100	QPSK	1	271		26.12		27.00
100	QPSK	135	0		25.97		27.00
100	QPSK	135	69		25.95		27.00
100	QPSK	135	138		26.03		27.00
100	QPSK	270	0		26.00		27.00
100	16QAM	1	1		26.14		27.00
100	64QAM	1	1		24.83		26.00
100	256QAM	1	1		22.86		24.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	26.17	26.19	26.14	27.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	26.16	26.05	26.00	27.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	26.08	26.06	26.11	27.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	26.08	26.08	26.08	27.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	26.07	26.17	26.12	27.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	26.15	26.07	26.08	27.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	26.08	26.05	26.01	27.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	26.06	26.06	26.10	27.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	26.03	26.07	26.05	27.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	26.14	26.05	26.00	27.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	26.03	26.05	26.07	27.00

【FR1 n78 (27Q)_Ant 6_Full Power】

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		23.31		24.00
100	PI/2 BPSK	1	137		22.85		24.00
100	PI/2 BPSK	1	271		23.10		24.00
100	PI/2 BPSK	135	0		23.12		24.00
100	PI/2 BPSK	135	69		23.29		24.00
100	PI/2 BPSK	135	138		22.82		24.00
100	PI/2 BPSK	270	0		23.05		24.00
100	QPSK	1	1		22.97		24.00
100	QPSK	1	137		22.66		24.00
100	QPSK	1	271		23.06		24.00
100	QPSK	135	0		23.04		24.00
100	QPSK	135	69		22.82		24.00
100	QPSK	135	138		22.81		24.00
100	QPSK	270	0		22.90		24.00
100	16QAM	1	1		23.24		24.00
100	64QAM	1	1		23.23		24.00
100	256QAM	1	1		22.41		24.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	23.25	23.28	23.21	24.00
Channel				632668	633332	634000	Tune-up limit



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Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	23.23	23.19	23.11	24.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	23.21	23.20	23.09	24.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	23.21	23.24	23.09	24.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	23.10	23.14	23.19	24.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	23.21	23.20	23.11	24.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	23.12	23.13	23.06	24.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	23.15	23.19	23.09	24.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	23.21	23.14	23.07	24.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	23.21	23.23	23.13	24.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	23.12	23.23	23.19	24.00

【FR1 n78 (270)_Ant 6_Full Power】

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		23.37		24.00
100	PI/2 BPSK	1	137		23.12		24.00
100	PI/2 BPSK	1	271		23.33		24.00
100	PI/2 BPSK	135	0		23.11		24.00
100	PI/2 BPSK	135	69		23.35		24.00
100	PI/2 BPSK	135	138		23.12		24.00
100	PI/2 BPSK	270	0		23.33		24.00
100	QPSK	1	1		23.20		24.00
100	QPSK	1	137		23.01		24.00
100	QPSK	1	271		23.26		24.00
100	QPSK	135	0		23.12		24.00
100	QPSK	135	69		23.06		24.00
100	QPSK	135	138		23.11		24.00
100	QPSK	270	0		23.13		24.00
100	16QAM	1	1		23.18		24.00
100	64QAM	1	1		23.17		24.00
100	256QAM	1	1		22.36		23.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	23.29	23.32	23.25	24.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	23.19	23.30	23.20	24.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	23.19	23.30	23.13	24.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	23.16	23.25	23.12	24.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	23.16	23.19	23.20	24.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	23.21	23.19	23.18	24.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	23.14	23.19	23.17	24.00
Channel				647500	650000	652500	Tune-up limit



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Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	23.21	23.30	23.21	24.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	23.27	23.22	23.17	24.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	23.26	23.22	23.18	24.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	23.27	23.28	23.18	24.00

【FR1 n78 (27Q)_Ant 6_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.31		24.00
100	PI/2 BPSK	1	137		22.85		24.00
100	PI/2 BPSK	1	271		23.10		24.00
100	PI/2 BPSK	135	0		23.12		24.00
100	PI/2 BPSK	135	69		23.29		24.00
100	PI/2 BPSK	135	138		22.82		24.00
100	PI/2 BPSK	270	0		23.05		24.00
100	QPSK	1	1		22.97		24.00
100	QPSK	1	137		22.66		24.00
100	QPSK	1	271		23.06		24.00
100	QPSK	135	0		23.04		24.00
100	QPSK	135	69		22.82		24.00
100	QPSK	135	138		22.81		24.00
100	QPSK	270	0		22.90		24.00
100	16QAM	1	1		23.24		24.00
100	64QAM	1	1		23.23		24.00
100	256QAM	1	1		22.41		24.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	23.25	23.28	23.21	24.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	23.23	23.19	23.11	24.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	23.21	23.20	23.09	24.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	23.21	23.24	23.09	24.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	23.10	23.14	23.19	24.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	23.21	23.20	23.11	24.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	23.12	23.13	23.06	24.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	23.15	23.19	23.09	24.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	23.21	23.14	23.07	24.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	23.21	23.23	23.13	24.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	23.12	23.23	23.19	24.00



【FR1 n78 (270)_Ant 6_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		23.37		24.00
100	PI/2 BPSK	1	137		23.12		24.00
100	PI/2 BPSK	1	271		23.33		24.00
100	PI/2 BPSK	135	0		23.11		24.00
100	PI/2 BPSK	135	69		23.35		24.00
100	PI/2 BPSK	135	138		23.12		24.00
100	PI/2 BPSK	270	0		23.33		24.00
100	QPSK	1	1		23.20		24.00
100	QPSK	1	137		23.01		24.00
100	QPSK	1	271		23.26		24.00
100	QPSK	135	0		23.12		24.00
100	QPSK	135	69		23.06		24.00
100	QPSK	135	138		23.11		24.00
100	QPSK	270	0		23.13		24.00
100	16QAM	1	1		23.18		24.00
100	64QAM	1	1		23.17		24.00
100	256QAM	1	1		22.36		23.00
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	23.29	23.32	23.25	24.00
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	23.19	23.30	23.20	24.00
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	23.19	23.30	23.13	24.00
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	23.16	23.25	23.12	24.00
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	23.16	23.19	23.20	24.00
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	23.21	23.19	23.18	24.00
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	23.14	23.19	23.17	24.00
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	23.21	23.30	23.21	24.00
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	23.27	23.22	23.17	24.00
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	23.26	23.22	23.18	24.00
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	23.27	23.28	23.18	24.00

【FR1 n78 (27Q)_Ant 6_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.19		22.40
100	PI/2 BPSK	1	137		21.07		22.40
100	PI/2 BPSK	1	271		21.12		22.40
100	PI/2 BPSK	135	0		21.13		22.40
100	PI/2 BPSK	135	69		21.17		22.40
100	PI/2 BPSK	135	138		21.01		22.40
100	PI/2 BPSK	270	0		21.12		22.40
100	QPSK	1	1		21.03		22.40
100	QPSK	1	137		20.98		22.40
100	QPSK	1	271		20.98		22.40



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100	QPSK	135	0		21.08		22.40
100	QPSK	135	69		20.99		22.40
100	QPSK	135	138		21.18		22.40
100	QPSK	270	0		21.08		22.40
100	16QAM	1	1		21.02		22.40
100	64QAM	1	1		21.12		22.40
100	256QAM	1	1		20.98		22.40
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	20.99	21.12	21.01	22.40
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	20.84	21.09	20.98	22.40
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	20.90	21.06	20.93	22.40
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	20.86	21.02	20.97	22.40
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	20.88	21.02	20.96	22.40
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	20.97	21.01	20.86	22.40
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	20.91	20.99	20.98	22.40
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	20.96	21.00	20.98	22.40
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	20.85	21.07	20.95	22.40
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	20.86	21.01	20.98	22.40
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	20.89	21.02	20.99	22.40

【FR1 n78 (270)_Ant 6_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		21.23		22.40
100	PI/2 BPSK	1	137		21.21		22.40
100	PI/2 BPSK	1	271		21.14		22.40
100	PI/2 BPSK	135	0		21.09		22.40
100	PI/2 BPSK	135	69		21.19		22.40
100	PI/2 BPSK	135	138		21.15		22.40
100	PI/2 BPSK	270	0		21.19		22.40
100	QPSK	1	1		21.15		22.40
100	QPSK	1	137		21.07		22.40
100	QPSK	1	271		21.12		22.40
100	QPSK	135	0		21.09		22.40
100	QPSK	135	69		21.16		22.40
100	QPSK	135	138		21.01		22.40
100	QPSK	270	0		21.05		22.40
100	16QAM	1	1		21.12		22.40
100	64QAM	1	1		21.02		22.40
100	256QAM	1	1		21.11		22.40
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	21.09	21.05	21.09	22.40
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	20.99	21.03	20.97	22.40
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	21.07	21.03	21.04	22.40
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)



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60	PI/2 BPSK	1	1	21.07	20.95	20.96	22.40
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	21.03	20.94	20.97	22.40
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	20.96	21.01	20.95	22.40
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	21.05	20.92	21.05	22.40
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	21.01	20.97	21.05	22.40
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	21.01	20.99	21.07	22.40
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	21.03	20.99	20.95	22.40
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	21.06	21.04	20.98	22.40

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.31		24.00
100	PI/2 BPSK	1	137		22.85		24.00
100	PI/2 BPSK	1	271		23.10		24.00
100	PI/2 BPSK	135	0		23.12		24.00
100	PI/2 BPSK	135	69		23.29		24.00
100	PI/2 BPSK	135	138		22.82		24.00
100	PI/2 BPSK	270	0		23.05		24.00
100	QPSK	1	1		22.97		24.00
100	QPSK	1	137		22.66		24.00
100	QPSK	1	271		23.06		24.00
100	QPSK	135	0		23.04		24.00
100	QPSK	135	69		22.82		24.00
100	QPSK	135	138		22.81		24.00
100	QPSK	270	0		22.90		24.00
100	16QAM	1	1		23.24		24.00
100	64QAM	1	1		23.23		24.00
100	256QAM	1	1		22.41		24.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	23.25	23.28	23.21	24.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	23.23	23.19	23.11	24.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	23.21	23.20	23.09	24.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	23.21	23.24	23.09	24.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	23.10	23.14	23.19	24.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	23.21	23.20	23.11	24.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	23.12	23.13	23.06	24.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	23.15	23.19	23.09	24.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	23.21	23.14	23.07	24.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)



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15	PI/2 BPSK	1	1	23.21	23.23	23.13	24.00
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	23.12	23.23	23.19	24.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		23.37		24.00
100	PI/2 BPSK	1	137		23.12		24.00
100	PI/2 BPSK	1	271		23.33		24.00
100	PI/2 BPSK	135	0		23.11		24.00
100	PI/2 BPSK	135	69		23.35		24.00
100	PI/2 BPSK	135	138		23.12		24.00
100	PI/2 BPSK	270	0		23.33		24.00
100	QPSK	1	1		23.20		24.00
100	QPSK	1	137		23.01		24.00
100	QPSK	1	271		23.26		24.00
100	QPSK	135	0		23.12		24.00
100	QPSK	135	69		23.06		24.00
100	QPSK	135	138		23.11		24.00
100	QPSK	270	0		23.13		24.00
100	16QAM	1	1		23.18		24.00
100	64QAM	1	1		23.17		24.00
100	256QAM	1	1		22.36		23.00
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	23.29	23.32	23.25	24.00
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	23.19	23.30	23.20	24.00
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	23.19	23.30	23.13	24.00
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	23.16	23.25	23.12	24.00
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	23.16	23.19	23.20	24.00
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	23.21	23.19	23.18	24.00
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	23.14	23.19	23.17	24.00
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	23.21	23.30	23.21	24.00
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	23.27	23.22	23.17	24.00
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	23.26	23.22	23.18	24.00
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	23.27	23.28	23.18	24.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		14.33		15.00
100	PI/2 BPSK	1	137		14.22		15.00
100	PI/2 BPSK	1	271		14.30		15.00



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100	PI/2 BPSK	135	0		14.24		15.00
100	PI/2 BPSK	135	69		14.31		15.00
100	PI/2 BPSK	135	138		14.22		15.00
100	PI/2 BPSK	270	0		14.20		15.00
100	QPSK	1	1		14.23		15.00
100	QPSK	1	137		14.29		15.00
100	QPSK	1	271		14.19		15.00
100	QPSK	135	0		14.30		15.00
100	QPSK	135	69		14.19		15.00
100	QPSK	135	138		14.27		15.00
100	QPSK	270	0		14.28		15.00
100	16QAM	1	1		14.27		15.00
100	64QAM	1	1		14.29		15.00
100	256QAM	1	1		14.29		15.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	14.11	14.24	14.17	15.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	14.03	14.17	14.07	15.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	14.15	14.12	14.04	15.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	14.04	14.21	14.10	15.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	14.05	14.10	14.08	15.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	14.13	14.23	14.15	15.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	14.12	14.19	14.07	15.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	14.15	14.16	14.05	15.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	14.11	14.15	14.15	15.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	14.06	14.23	14.13	15.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	14.16	14.15	14.07	15.00

【FR1 n78 (270)_Ant 6_DSI 12】

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		14.39		15.00
100	PI/2 BPSK	1	137		14.32		15.00
100	PI/2 BPSK	1	271		14.35		15.00
100	PI/2 BPSK	135	0		14.30		15.00
100	PI/2 BPSK	135	69		14.36		15.00
100	PI/2 BPSK	135	138		14.35		15.00
100	PI/2 BPSK	270	0		14.26		15.00
100	QPSK	1	1		14.30		15.00
100	QPSK	1	137		14.25		15.00
100	QPSK	1	271		14.30		15.00
100	QPSK	135	0		14.33		15.00
100	QPSK	135	69		14.32		15.00
100	QPSK	135	138		14.31		15.00
100	QPSK	270	0		14.25		15.00
100	16QAM	1	1		14.31		15.00
100	64QAM	1	1		14.34		15.00
100	256QAM	1	1		14.27		15.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	14.11	14.25	14.03	15.00
Channel				649334	650000	650666	Tune-up limit



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Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	14.00	14.24	14.01	15.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	14.00	14.14	14.00	15.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	14.03	14.24	14.00	15.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	14.06	14.23	14.00	15.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	14.04	14.23	14.00	15.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	14.01	14.21	14.00	15.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	14.00	14.24	14.00	15.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	14.05	14.20	14.00	15.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	14.06	14.15	14.00	15.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	14.01	14.23	14.02	15.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.19		22.40
100	PI/2 BPSK	1	137		21.07		22.40
100	PI/2 BPSK	1	271		21.12		22.40
100	PI/2 BPSK	135	0		21.13		22.40
100	PI/2 BPSK	135	69		21.17		22.40
100	PI/2 BPSK	135	138		21.01		22.40
100	PI/2 BPSK	270	0		21.12		22.40
100	QPSK	1	1		21.03		22.40
100	QPSK	1	137		20.98		22.40
100	QPSK	1	271		20.98		22.40
100	QPSK	135	0		21.08		22.40
100	QPSK	135	69		20.99		22.40
100	QPSK	135	138		21.18		22.40
100	QPSK	270	0		21.08		22.40
100	16QAM	1	1		21.02		22.40
100	64QAM	1	1		21.12		22.40
100	256QAM	1	1		20.98		22.40
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	20.99	21.12	21.01	22.40
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	20.84	21.09	20.98	22.40
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	20.90	21.06	20.93	22.40
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	20.86	21.02	20.97	22.40
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	20.88	21.02	20.96	22.40
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	20.97	21.01	20.86	22.40
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	20.91	20.99	20.98	22.40
Channel				630834	633332	635832	Tune-up limit



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Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	20.96	21.00	20.98	22.40
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	20.85	21.07	20.95	22.40
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	20.86	21.01	20.98	22.40
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	20.89	21.02	20.99	22.40

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		21.23		22.40
100	PI/2 BPSK	1	137		21.21		22.40
100	PI/2 BPSK	1	271		21.14		22.40
100	PI/2 BPSK	135	0		21.09		22.40
100	PI/2 BPSK	135	69		21.19		22.40
100	PI/2 BPSK	135	138		21.15		22.40
100	PI/2 BPSK	270	0		21.19		22.40
100	QPSK	1	1		21.15		22.40
100	QPSK	1	137		21.07		22.40
100	QPSK	1	271		21.12		22.40
100	QPSK	135	0		21.09		22.40
100	QPSK	135	69		21.16		22.40
100	QPSK	135	138		21.01		22.40
100	QPSK	270	0		21.05		22.40
100	16QAM	1	1		21.12		22.40
100	64QAM	1	1		21.02		22.40
100	256QAM	1	1		21.11		22.40
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	21.09	21.05	21.09	22.40
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	20.99	21.03	20.97	22.40
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	21.07	21.03	21.04	22.40
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	21.07	20.95	20.96	22.40
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	21.03	20.94	20.97	22.40
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	20.96	21.01	20.95	22.40
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	21.05	20.92	21.05	22.40
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	21.01	20.97	21.05	22.40
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	21.01	20.99	21.07	22.40
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	21.03	20.99	20.95	22.40
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	21.06	21.04	20.98	22.40



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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.31		24.00
100	PI/2 BPSK	1	137		22.85		24.00
100	PI/2 BPSK	1	271		23.10		24.00
100	PI/2 BPSK	135	0		23.12		24.00
100	PI/2 BPSK	135	69		23.29		24.00
100	PI/2 BPSK	135	138		22.82		24.00
100	PI/2 BPSK	270	0		23.05		24.00
100	QPSK	1	1		22.97		24.00
100	QPSK	1	137		22.66		24.00
100	QPSK	1	271		23.06		24.00
100	QPSK	135	0		23.04		24.00
100	QPSK	135	69		22.82		24.00
100	QPSK	135	138		22.81		24.00
100	QPSK	270	0		22.90		24.00
100	16QAM	1	1		23.24		24.00
100	64QAM	1	1		23.23		24.00
100	256QAM	1	1		22.41		24.00
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	23.25	23.28	23.21	24.00
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	23.23	23.19	23.11	24.00
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	23.21	23.20	23.09	24.00
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	23.21	23.24	23.09	24.00
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	23.10	23.14	23.19	24.00
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	23.21	23.20	23.11	24.00
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	23.12	23.13	23.06	24.00
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	23.15	23.19	23.09	24.00
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	23.21	23.14	23.07	24.00
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	23.21	23.23	23.13	24.00
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	23.12	23.23	23.19	24.00

【FR1 n78 (27Q)_Ant 6_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		23.37		24.00
100	PI/2 BPSK	1	137		23.12		24.00
100	PI/2 BPSK	1	271		23.33		24.00
100	PI/2 BPSK	135	0		23.11		24.00
100	PI/2 BPSK	135	69		23.35		24.00
100	PI/2 BPSK	135	138		23.12		24.00
100	PI/2 BPSK	270	0		23.33		24.00
100	QPSK	1	1		23.20		24.00
100	QPSK	1	137		23.01		24.00
100	QPSK	1	271		23.26		24.00



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100	QPSK	135	0		23.12		24.00
100	QPSK	135	69		23.06		24.00
100	QPSK	135	138		23.11		24.00
100	QPSK	270	0		23.13		24.00
100	16QAM	1	1		23.18		24.00
100	64QAM	1	1		23.17		24.00
100	256QAM	1	1		22.36		23.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	23.29	23.32	23.25	24.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	23.19	23.30	23.20	24.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	23.19	23.30	23.13	24.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	23.16	23.25	23.12	24.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	23.16	23.19	23.20	24.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	23.21	23.19	23.18	24.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	23.14	23.19	23.17	24.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	23.21	23.30	23.21	24.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	23.27	23.22	23.17	24.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	23.26	23.22	23.18	24.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	23.27	23.28	23.18	24.00

【FR1 n78 (27Q)_HPUE_Ant 6_Full Power】

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		26.33		27.00
100	PI/2 BPSK	1	137		25.84		27.00
100	PI/2 BPSK	1	271		26.10		27.00
100	PI/2 BPSK	135	0		26.06		27.00
100	PI/2 BPSK	135	69		26.18		27.00
100	PI/2 BPSK	135	138		25.77		27.00
100	PI/2 BPSK	270	0		26.02		27.00
100	QPSK	1	1		26.22		27.00
100	QPSK	1	137		25.90		27.00
100	QPSK	1	271		25.98		27.00
100	QPSK	135	0		26.03		27.00
100	QPSK	135	69		25.76		27.00
100	QPSK	135	138		25.79		27.00
100	QPSK	270	0		25.91		27.00
100	16QAM	1	1		26.16		27.00
100	64QAM	1	1		24.86		25.50
100	256QAM	1	1		22.14		23.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	26.25	26.29	26.30	27.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	26.17	26.18	26.26	27.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	26.14	26.19	26.26	27.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)



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60	PI/2 BPSK	1	1	26.20	26.25	26.26	27.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	26.19	26.26	26.27	27.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	26.13	26.22	26.27	27.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	26.18	26.16	26.24	27.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	26.20	26.24	26.19	27.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	26.18	26.15	26.26	27.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	26.21	26.16	26.22	27.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	26.14	26.25	26.27	27.00

【FR1 n78 (270)_HPUE_Ant 6_Full Power】

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		26.40		27.00
100	PI/2 BPSK	1	137		26.27		27.00
100	PI/2 BPSK	1	271		26.29		27.00
100	PI/2 BPSK	135	0		26.21		27.00
100	PI/2 BPSK	135	69		26.36		27.00
100	PI/2 BPSK	135	138		26.28		27.00
100	PI/2 BPSK	270	0		26.33		27.00
100	QPSK	1	1		26.34		27.00
100	QPSK	1	137		26.21		27.00
100	QPSK	1	271		26.31		27.00
100	QPSK	135	0		26.24		27.00
100	QPSK	135	69		26.22		27.00
100	QPSK	135	138		26.19		27.00
100	QPSK	270	0		26.10		27.00
100	16QAM	1	1		25.89		26.50
100	64QAM	1	1		24.56		25.50
100	256QAM	1	1		22.98		24.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	26.35	26.39	26.33	27.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	26.22	26.35	26.22	27.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	26.27	26.34	26.21	27.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	26.29	26.29	26.22	27.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	26.26	26.25	26.32	27.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	26.21	26.31	26.20	27.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	26.25	26.25	26.28	27.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	26.21	26.26	26.22	27.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	26.26	26.31	26.29	27.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)



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15	PI/2 BPSK	1	1	26.31	26.26	26.29	27.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	26.33	26.34	26.25	27.00

【FR1 n78 (27Q)_HPUE_Ant 6_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		26.33		27.00
100	PI/2 BPSK	1	137		25.84		27.00
100	PI/2 BPSK	1	271		26.10		27.00
100	PI/2 BPSK	135	0		26.06		27.00
100	PI/2 BPSK	135	69		26.18		27.00
100	PI/2 BPSK	135	138		25.77		27.00
100	PI/2 BPSK	270	0		26.02		27.00
100	QPSK	1	1		26.22		27.00
100	QPSK	1	137		25.70		27.00
100	QPSK	1	271		25.98		27.00
100	QPSK	135	0		26.03		27.00
100	QPSK	135	69		25.76		27.00
100	QPSK	135	138		25.79		27.00
100	QPSK	270	0		25.91		27.00
100	16QAM	1	1		26.16		27.00
100	64QAM	1	1		24.86		26.00
100	256QAM	1	1		22.14		24.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	26.25	26.29	26.30	27.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	26.17	26.18	26.26	27.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	26.14	26.19	26.26	27.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	26.20	26.25	26.26	27.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	26.19	26.26	26.27	27.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	26.13	26.22	26.27	27.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	26.18	26.19	26.24	27.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	26.20	26.24	26.19	27.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	26.18	26.15	26.26	27.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	26.21	26.16	26.22	27.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	26.14	26.25	26.27	27.00

【FR1 n78 (27O)_HPUE_Ant 6_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		26.40		27.00
100	PI/2 BPSK	1	137		26.27		27.00
100	PI/2 BPSK	1	271		26.29		27.00



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100	PI/2 BPSK	135	0		26.21		27.00
100	PI/2 BPSK	135	69		26.36		27.00
100	PI/2 BPSK	135	138		26.28		27.00
100	PI/2 BPSK	270	0		26.33		27.00
100	QPSK	1	1		26.34		27.00
100	QPSK	1	137		26.21		27.00
100	QPSK	1	271		26.31		27.00
100	QPSK	135	0		26.24		27.00
100	QPSK	135	69		26.22		27.00
100	QPSK	135	138		26.19		27.00
100	QPSK	270	0		26.10		27.00
100	16QAM	1	1		25.89		27.00
100	64QAM	1	1		24.56		26.00
100	256QAM	1	1		22.98		24.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	26.35	26.39	26.33	27.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	26.22	26.35	26.22	27.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	26.27	26.34	26.21	27.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	26.29	26.29	26.22	27.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	26.26	26.25	26.32	27.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	26.21	26.31	26.20	27.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	26.25	26.25	26.28	27.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	26.21	26.26	26.22	27.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	26.26	26.31	26.29	27.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	26.31	26.26	26.29	27.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	26.33	26.34	26.25	27.00

【FR1 n78 (27Q)_HPUE_Ant 6_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		24.21		25.40
100	PI/2 BPSK	1	137		24.20		25.40
100	PI/2 BPSK	1	271		24.01		25.40
100	PI/2 BPSK	135	0		24.17		25.40
100	PI/2 BPSK	135	69		24.18		25.40
100	PI/2 BPSK	135	138		24.11		25.40
100	PI/2 BPSK	270	0		24.03		25.40
100	QPSK	1	1		24.04		25.40
100	QPSK	1	137		23.99		25.40
100	QPSK	1	271		24.09		25.40
100	QPSK	135	0		23.98		25.40
100	QPSK	135	69		23.99		25.40
100	QPSK	135	138		24.02		25.40
100	QPSK	270	0		24.07		25.40
100	16QAM	1	1		24.11		25.40
100	64QAM	1	1		24.12		25.40
100	256QAM	1	1		23.17		23.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	24.13	24.16	24.19	25.40
Channel				632668	633332	634000	Tune-up limit



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Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	24.01	24.12	24.13	25.40
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	23.98	24.09	24.04	25.40
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	24.06	24.06	24.13	25.40
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	24.00	24.06	24.13	25.40
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	24.09	24.08	24.09	25.40
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	24.08	24.06	24.05	25.40
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	24.02	24.03	24.05	25.40
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	23.99	24.15	24.11	25.40
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	24.01	24.06	24.11	25.40
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	24.04	24.09	24.10	25.40

【FR1 n78 (270)_HPUE_Ant 6_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		24.27		25.40
100	PI/2 BPSK	1	137		24.24		25.40
100	PI/2 BPSK	1	271		24.16		25.40
100	PI/2 BPSK	135	0		24.13		25.40
100	PI/2 BPSK	135	69		24.25		25.40
100	PI/2 BPSK	135	138		24.10		25.40
100	PI/2 BPSK	270	0		24.20		25.40
100	QPSK	1	1		24.05		25.40
100	QPSK	1	137		24.04		25.40
100	QPSK	1	271		24.17		25.40
100	QPSK	135	0		24.26		25.40
100	QPSK	135	69		24.12		25.40
100	QPSK	135	138		24.28		25.40
100	QPSK	270	0		24.23		25.40
100	16QAM	1	1		24.20		25.40
100	64QAM	1	1		24.09		25.40
100	256QAM	1	1		23.13		23.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	24.21	24.24	24.22	25.40
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	24.08	24.10	24.09	25.40
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	24.09	24.17	24.11	25.40
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	24.07	24.16	24.09	25.40
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	24.11	24.10	24.17	25.40
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	24.12	24.22	24.18	25.40
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	24.17	24.16	24.18	25.40
Channel				647500	650000	652500	Tune-up limit



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Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	24.19	24.18	24.07	25.40
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	24.19	24.18	24.16	25.40
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	24.15	24.10	24.15	25.40
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	24.08	24.18	24.20	25.40

【FR1 n78 (27Q)_HPUE_Ant 6_DSI 6】

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		26.33		27.00
100	PI/2 BPSK	1	137		25.84		27.00
100	PI/2 BPSK	1	271		26.10		27.00
100	PI/2 BPSK	135	0		26.06		27.00
100	PI/2 BPSK	135	69		26.18		27.00
100	PI/2 BPSK	135	138		25.77		27.00
100	PI/2 BPSK	270	0		26.02		27.00
100	QPSK	1	1		26.22		27.00
100	QPSK	1	137		25.70		27.00
100	QPSK	1	271		25.98		27.00
100	QPSK	135	0		26.03		27.00
100	QPSK	135	69		25.76		27.00
100	QPSK	135	138		25.79		27.00
100	QPSK	270	0		25.91		27.00
100	16QAM	1	1		26.16		27.00
100	64QAM	1	1		24.86		25.50
100	256QAM	1	1		22.14		23.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	26.25	26.29	26.30	27.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	26.17	26.18	26.26	27.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	26.14	26.19	26.26	27.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	26.20	26.25	26.26	27.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	26.19	26.26	26.27	27.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	26.13	26.22	26.27	27.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	26.18	26.16	26.24	27.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	26.20	26.24	26.19	27.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	26.18	26.15	26.26	27.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	26.21	26.16	26.22	27.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	26.14	26.25	26.27	27.00

**【FR1 n78 (270)_HPUE_Ant 6_DSI 6】**

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		26.40		27.00
100	PI/2 BPSK	1	137		26.27		27.00
100	PI/2 BPSK	1	271		26.29		27.00
100	PI/2 BPSK	135	0		26.21		27.00
100	PI/2 BPSK	135	69		26.36		27.00
100	PI/2 BPSK	135	138		26.28		27.00
100	PI/2 BPSK	270	0		26.33		27.00
100	QPSK	1	1		26.34		27.00
100	QPSK	1	137		26.21		27.00
100	QPSK	1	271		26.31		27.00
100	QPSK	135	0		26.24		27.00
100	QPSK	135	69		26.22		27.00
100	QPSK	135	138		26.19		27.00
100	QPSK	270	0		26.10		27.00
100	16QAM	1	1		25.89		26.50
100	64QAM	1	1		24.56		25.50
100	256QAM	1	1		22.98		24.00
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	26.35	26.39	26.33	27.00
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	26.22	26.35	26.22	27.00
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	26.27	26.34	26.21	27.00
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	26.29	26.29	26.22	27.00
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	26.26	26.25	26.32	27.00
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	26.21	26.31	26.20	27.00
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	26.25	26.25	26.28	27.00
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	26.21	26.26	26.22	27.00
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	26.26	26.31	26.29	27.00
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	26.31	26.26	26.29	27.00
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	26.33	26.34	26.25	27.00

**【FR1 n78 (27Q)_HPUE_Ant 6_DSI 12】**

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		17.31		18.00
100	PI/2 BPSK	1	137		17.23		18.00
100	PI/2 BPSK	1	271		17.28		18.00
100	PI/2 BPSK	135	0		17.24		18.00
100	PI/2 BPSK	135	69		17.28		18.00
100	PI/2 BPSK	135	138		17.16		18.00
100	PI/2 BPSK	270	0		17.22		18.00
100	QPSK	1	1		17.16		18.00
100	QPSK	1	137		17.26		18.00
100	QPSK	1	271		17.24		18.00
100	QPSK	135	0		17.20		18.00
100	QPSK	135	69		17.27		18.00
100	QPSK	135	138		17.19		18.00
100	QPSK	270	0		17.27		18.00
100	16QAM	1	1		17.17		18.00
100	64QAM	1	1		17.19		18.00
100	256QAM	1	1		17.18		18.00
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	17.15	17.21	17.13	18.00
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	17.11	17.08	17.01	18.00
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	17.00	17.19	17.21	18.00
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	17.13	17.10	17.08	18.00
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	17.07	17.13	17.01	18.00
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	17.12	17.11	17.00	18.00
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	17.14	17.15	17.15	18.00
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	17.09	17.18	17.05	18.00
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	17.13	17.11	17.12	18.00
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	17.03	17.07	17.12	18.00
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	17.07	17.07	17.08	18.00

【FR1 n78 (27O)_HPUE_Ant 6_DSI 12】

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		17.25		18.00
100	PI/2 BPSK	1	137		17.20		18.00
100	PI/2 BPSK	1	271		17.17		18.00
100	PI/2 BPSK	135	0		17.15		18.00
100	PI/2 BPSK	135	69		17.21		18.00
100	PI/2 BPSK	135	138		17.18		18.00
100	PI/2 BPSK	270	0		17.13		18.00
100	QPSK	1	1		17.19		18.00
100	QPSK	1	137		17.17		18.00
100	QPSK	1	271		17.18		18.00



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100	QPSK	135	0		17.11		18.00
100	QPSK	135	69		17.11		18.00
100	QPSK	135	138		17.17		18.00
100	QPSK	270	0		17.12		18.00
100	16QAM	1	1		17.20		18.00
100	64QAM	1	1		17.18		18.00
100	256QAM	1	1		17.10		18.00
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	17.14	17.21	17.18	18.00
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	17.03	17.09	17.10	18.00
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	17.12	17.06	17.14	18.00
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	17.09	17.17	17.14	18.00
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	17.07	17.07	17.08	18.00
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	17.09	17.09	17.14	18.00
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	17.02	17.17	17.08	18.00
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	17.08	17.16	17.14	18.00
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	17.07	17.09	17.16	18.00
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	17.09	17.19	17.12	18.00
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	17.01	17.06	17.07	18.00

【FR1 n78 (27Q)_HPUE_Ant 6_DSI 7】

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		24.21		25.40
100	PI/2 BPSK	1	137		24.20		25.40
100	PI/2 BPSK	1	271		24.01		25.40
100	PI/2 BPSK	135	0		24.17		25.40
100	PI/2 BPSK	135	69		24.18		25.40
100	PI/2 BPSK	135	138		24.11		25.40
100	PI/2 BPSK	270	0		24.03		25.40
100	QPSK	1	1		24.04		25.40
100	QPSK	1	137		23.99		25.40
100	QPSK	1	271		24.09		25.40
100	QPSK	135	0		23.98		25.40
100	QPSK	135	69		23.99		25.40
100	QPSK	135	138		24.02		25.40
100	QPSK	270	0		24.07		25.40
100	16QAM	1	1		24.11		25.40
100	64QAM	1	1		24.12		25.40
100	256QAM	1	1		23.17		23.50
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	24.13	24.16	24.19	25.40
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	24.01	24.12	24.13	25.40
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	23.98	24.09	24.04	25.40
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	



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60	PI/2 BPSK	1	1	24.06	24.06	24.13	25.40
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	24.00	24.06	24.13	25.40
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	24.09	24.08	24.09	25.40
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	24.08	24.06	24.05	25.40
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	24.02	24.03	24.05	25.40
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	23.99	24.15	24.11	25.40
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	24.01	24.06	24.11	25.40
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	24.04	24.09	24.10	25.40

【FR1 n78 (270)_HPUE_Ant 6_DSI 7】

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		24.27		25.40
100	PI/2 BPSK	1	137		24.24		25.40
100	PI/2 BPSK	1	271		24.16		25.40
100	PI/2 BPSK	135	0		24.13		25.40
100	PI/2 BPSK	135	69		24.25		25.40
100	PI/2 BPSK	135	138		24.10		25.40
100	PI/2 BPSK	270	0		24.20		25.40
100	QPSK	1	1		24.05		25.40
100	QPSK	1	137		24.04		25.40
100	QPSK	1	271		24.17		25.40
100	QPSK	135	0		24.26		25.40
100	QPSK	135	69		24.12		25.40
100	QPSK	135	138		24.28		25.40
100	QPSK	270	0		24.23		25.40
100	16QAM	1	1		24.20		25.40
100	64QAM	1	1		24.09		25.40
100	256QAM	1	1		23.13		23.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	24.21	24.24	24.22	25.40
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	24.08	24.10	24.09	25.40
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	24.09	24.17	24.11	25.40
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	24.07	24.16	24.09	25.40
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	24.11	24.10	24.17	25.40
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	24.12	24.22	24.18	25.40
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	24.17	24.16	24.18	25.40
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	24.19	24.18	24.07	25.40
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	24.19	24.18	24.16	25.40
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)



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15	PI/2 BPSK	1	1	24.15	24.10	24.15	25.40
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3705	3795	(dBm)
10	PI/2 BPSK	1	1	24.08	24.18	24.20	25.40

【FR1 n78 (27Q)_HPUE_Ant 6_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		26.33		27.00
100	PI/2 BPSK	1	137		25.84		27.00
100	PI/2 BPSK	1	271		26.10		27.00
100	PI/2 BPSK	135	0		26.06		27.00
100	PI/2 BPSK	135	69		26.18		27.00
100	PI/2 BPSK	135	138		25.77		27.00
100	PI/2 BPSK	270	0		26.02		27.00
100	QPSK	1	1		26.22		27.00
100	QPSK	1	137		25.70		27.00
100	QPSK	1	271		25.98		27.00
100	QPSK	135	0		26.03		27.00
100	QPSK	135	69		25.76		27.00
100	QPSK	135	138		25.79		27.00
100	QPSK	270	0		25.91		27.00
100	16QAM	1	1		26.16		27.00
100	64QAM	1	1		24.86		26.00
100	256QAM	1	1		22.14		24.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	26.25	26.29	26.30	27.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	26.17	26.18	26.26	27.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	26.14	26.19	26.26	27.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	26.20	26.25	26.26	27.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	26.19	26.26	26.27	27.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	26.13	26.22	26.27	27.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	26.18	26.16	26.24	27.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	26.20	26.24	26.19	27.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	26.18	26.15	26.26	27.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	26.21	26.16	26.22	27.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	26.14	26.25	26.27	27.00



【FR1 n78 (270)_HPUE_Ant 6_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		26.40		27.00
100	PI/2 BPSK	1	137		26.27		27.00
100	PI/2 BPSK	1	271		26.29		27.00
100	PI/2 BPSK	135	0		26.21		27.00
100	PI/2 BPSK	135	69		26.36		27.00
100	PI/2 BPSK	135	138		26.28		27.00
100	PI/2 BPSK	270	0		26.33		27.00
100	QPSK	1	1		26.34		27.00
100	QPSK	1	137		26.21		27.00
100	QPSK	1	271		26.31		27.00
100	QPSK	135	0		26.24		27.00
100	QPSK	135	69		26.22		27.00
100	QPSK	135	138		26.19		27.00
100	QPSK	270	0		26.10		27.00
100	16QAM	1	1		25.89		27.00
100	64QAM	1	1		24.56		26.00
100	256QAM	1	1		22.98		24.00
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	26.35	26.39	26.33	27.00
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	26.22	26.35	26.22	27.00
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	26.27	26.34	26.21	27.00
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	26.29	26.29	26.22	27.00
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	26.26	26.25	26.32	27.00
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	26.21	26.31	26.20	27.00
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	26.25	26.25	26.28	27.00
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	26.21	26.26	26.22	27.00
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	26.26	26.31	26.29	27.00
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	26.31	26.26	26.29	27.00
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	26.33	26.34	26.25	27.00

【FR1 n78 (27Q)_Ant 8_Full Power】

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		23.45		24.00
100	PI/2 BPSK	1	137		22.95		24.00
100	PI/2 BPSK	1	271		23.17		24.00
100	PI/2 BPSK	135	0		23.07		24.00
100	PI/2 BPSK	135	69		23.42		24.00
100	PI/2 BPSK	135	138		22.88		24.00
100	PI/2 BPSK	270	0		23.06		24.00
100	QPSK	1	1		23.23		24.00
100	QPSK	1	137		22.67		24.00
100	QPSK	1	271		23.00		24.00



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100	QPSK	135	0		23.02		24.00
100	QPSK	135	69		22.73		24.00
100	QPSK	135	138		22.69		24.00
100	QPSK	270	0		22.80		24.00
100	16QAM	1	1		22.93		24.00
100	64QAM	1	1		22.15		23.00
100	256QAM	1	1		20.13		21.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	23.39	23.41	23.40	24.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	23.24	23.29	23.38	24.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	23.34	23.33	23.32	24.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	23.34	23.32	23.33	24.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	23.34	23.31	23.26	24.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	23.33	23.38	23.27	24.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	23.27	23.38	23.33	24.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	23.28	23.37	23.36	24.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	23.35	23.31	23.28	24.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	23.29	23.32	23.27	24.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	23.27	23.35	23.26	24.00

【FR1 n78 (270)_Ant 8_Full Power】

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		23.29		24.00
100	PI/2 BPSK	1	137		23.03		24.00
100	PI/2 BPSK	1	271		23.26		24.00
100	PI/2 BPSK	135	0		23.09		24.00
100	PI/2 BPSK	135	69		23.25		24.00
100	PI/2 BPSK	135	138		23.05		24.00
100	PI/2 BPSK	270	0		23.18		24.00
100	QPSK	1	1		23.04		24.00
100	QPSK	1	137		22.97		24.00
100	QPSK	1	271		23.23		24.00
100	QPSK	135	0		22.96		24.00
100	QPSK	135	69		22.95		24.00
100	QPSK	135	138		23.04		24.00
100	QPSK	270	0		22.95		24.00
100	16QAM	1	1		23.03		24.00
100	64QAM	1	1		22.24		23.00
100	256QAM	1	1		20.16		21.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	23.22	23.26	23.24	24.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	23.18	23.19	23.16	24.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	23.21	23.14	23.10	24.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)



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60	PI/2 BPSK	1	1	23.16	23.22	23.21	24.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	23.10	23.17	23.16	24.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	23.18	23.24	23.15	24.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	23.18	23.21	23.13	24.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	23.20	23.13	23.17	24.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	23.10	23.16	23.15	24.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	23.18	23.20	23.20	24.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	23.08	23.24	23.19	24.00

【FR1 n78 (27Q)_Ant 8_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		20.37		21.20
100	PI/2 BPSK	1	137		20.13		21.20
100	PI/2 BPSK	1	271		20.14		21.20
100	PI/2 BPSK	135	0		20.21		21.20
100	PI/2 BPSK	135	69		20.35		21.20
100	PI/2 BPSK	135	138		20.31		21.20
100	PI/2 BPSK	270	0		20.31		21.20
100	QPSK	1	1		20.18		21.20
100	QPSK	1	137		20.15		21.20
100	QPSK	1	271		20.09		21.20
100	QPSK	135	0		20.26		21.20
100	QPSK	135	69		20.13		21.20
100	QPSK	135	138		20.10		21.20
100	QPSK	270	0		20.17		21.20
100	16QAM	1	1		20.11		21.20
100	64QAM	1	1		20.23		21.20
100	256QAM	1	1		19.63		21.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	20.19	20.17	20.17	21.20
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	20.04	20.11	20.13	21.20
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	20.09	20.17	20.07	21.20
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	20.13	20.18	20.14	21.20
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	20.08	20.16	20.04	21.20
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	20.14	20.14	20.14	21.20
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	20.10	20.12	20.05	21.20
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	20.06	20.12	20.06	21.20
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	20.13	20.08	20.08	21.20
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)



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15	PI/2 BPSK	1	1	20.09	20.12	20.13	21.20
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	20.07	20.08	20.06	21.20

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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		20.66		21.20
100	PI/2 BPSK	1	137		20.43		21.20
100	PI/2 BPSK	1	271		20.47		21.20
100	PI/2 BPSK	135	0		20.43		21.20
100	PI/2 BPSK	135	69		20.62		21.20
100	PI/2 BPSK	135	138		20.53		21.20
100	PI/2 BPSK	270	0		20.60		21.20
100	QPSK	1	1		20.63		21.20
100	QPSK	1	137		20.65		21.20
100	QPSK	1	271		20.62		21.20
100	QPSK	135	0		20.53		21.20
100	QPSK	135	69		20.65		21.20
100	QPSK	135	138		20.54		21.20
100	QPSK	270	0		20.64		21.20
100	16QAM	1	1		20.44		21.20
100	64QAM	1	1		20.64		21.20
100	256QAM	1	1		20.16		21.00
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	20.46	20.63	20.47	21.20
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	20.33	20.61	20.43	21.20
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	20.41	20.62	20.38	21.20
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	20.45	20.53	20.36	21.20
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	20.34	20.50	20.34	21.20
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	20.33	20.60	20.39	21.20
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	20.34	20.52	20.36	21.20
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	20.41	20.59	20.46	21.20
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	20.38	20.55	20.41	21.20
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	20.35	20.57	20.34	21.20
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	20.37	20.56	20.42	21.20

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		17.23		18.90
100	PI/2 BPSK	1	137		17.13		18.90
100	PI/2 BPSK	1	271		17.22		18.90



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100	PI/2 BPSK	135	0		17.06		18.90
100	PI/2 BPSK	135	69		17.21		18.90
100	PI/2 BPSK	135	138		17.17		18.90
100	PI/2 BPSK	270	0		17.18		18.90
100	QPSK	1	1		17.04		18.90
100	QPSK	1	137		17.06		18.90
100	QPSK	1	271		17.08		18.90
100	QPSK	135	0		17.01		18.90
100	QPSK	135	69		17.13		18.90
100	QPSK	135	138		17.17		18.90
100	QPSK	270	0		17.06		18.90
100	16QAM	1	1		17.19		18.90
100	64QAM	1	1		17.19		18.90
100	256QAM	1	1		17.01		18.90
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	17.21	17.20	17.19	18.90
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	17.17	17.17	17.17	18.90
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	17.15	17.15	17.05	18.90
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	17.17	17.13	17.14	18.90
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	17.12	17.11	17.06	18.90
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	17.09	17.08	17.13	18.90
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	17.18	17.18	17.06	18.90
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	17.08	17.16	17.05	18.90
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	17.08	17.13	17.11	18.90
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	17.10	17.12	17.18	18.90
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	17.10	17.09	17.14	18.90

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		17.17		18.90
100	PI/2 BPSK	1	137		16.97		18.90
100	PI/2 BPSK	1	271		17.01		18.90
100	PI/2 BPSK	135	0		16.97		18.90
100	PI/2 BPSK	135	69		17.04		18.90
100	PI/2 BPSK	135	138		16.97		18.90
100	PI/2 BPSK	270	0		17.01		18.90
100	QPSK	1	1		17.04		18.90
100	QPSK	1	137		16.96		18.90
100	QPSK	1	271		16.99		18.90
100	QPSK	135	0		16.98		18.90
100	QPSK	135	69		16.93		18.90
100	QPSK	135	138		17.03		18.90
100	QPSK	270	0		16.98		18.90
100	16QAM	1	1		16.95		18.90
100	64QAM	1	1		16.99		18.90
100	256QAM	1	1		16.90		18.90
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	17.15	17.13	17.11	18.90
90	PI/2 BPSK	1	120	0.00	0.00	0.00	18.90



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90	PI/2 BPSK	1	243	0.00	0.00	0.00	18.90
90	PI/2 BPSK	120	0	0.00	0.00	0.00	18.90
90	PI/2 BPSK	120	60	0.00	0.00	0.00	18.90
90	PI/2 BPSK	120	120	0.00	0.00	0.00	18.90
90	PI/2 BPSK	240	0	0.00	0.00	0.00	18.90
90	QPSK	1	1	0.00	0.00	0.00	18.90
90	QPSK	1	120	0.00	0.00	0.00	18.90
90	QPSK	1	243	0.00	0.00	0.00	18.90
90	QPSK	120	0	0.00	0.00	0.00	18.90
90	QPSK	120	60	0.00	0.00	0.00	18.90
90	QPSK	120	120	0.00	0.00	0.00	18.90
90	QPSK	240	0	0.00	0.00	0.00	18.90
90	16QAM	1	1	0.00	0.00	0.00	18.90
90	64QAM	1	1	0.00	0.00	0.00	18.90
90	256QAM	1	1	0.00	0.00	0.00	18.90
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	17.07	17.00	17.10	18.90
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	17.06	17.06	17.02	18.90
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	17.00	17.09	17.07	18.90
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	17.09	16.98	17.04	18.90
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	17.01	17.01	17.07	18.90
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	17.03	17.06	17.03	18.90
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	17.09	16.98	17.07	18.90
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	17.13	17.07	16.98	18.90
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	17.13	17.04	17.00	18.90
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	17.14	17.07	17.01	18.90

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		18.81		19.90
100	PI/2 BPSK	1	137		18.70		19.90
100	PI/2 BPSK	1	271		18.63		19.90
100	PI/2 BPSK	135	0		18.67		19.90
100	PI/2 BPSK	135	69		18.78		19.90
100	PI/2 BPSK	135	138		18.70		19.90
100	PI/2 BPSK	270	0		18.72		19.90
100	QPSK	1	1		18.77		19.90
100	QPSK	1	137		18.78		19.90
100	QPSK	1	271		18.64		19.90
100	QPSK	135	0		18.65		19.90
100	QPSK	135	69		18.66		19.90
100	QPSK	135	138		18.76		19.90
100	QPSK	270	0		18.67		19.90
100	16QAM	1	1		18.81		19.90
100	64QAM	1	1		18.66		19.90
100	256QAM	1	1		18.68		19.90
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	18.80	18.72	18.68	19.90
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	18.79	18.57	18.57	19.90



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Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	18.72	18.66	18.57	19.90
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	18.70	18.59	18.67	19.90
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	18.79	18.67	18.61	19.90
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	18.69	18.66	18.66	19.90
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	18.76	18.62	18.53	19.90
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	18.75	18.67	18.65	19.90
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	18.77	18.60	18.60	19.90
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	18.74	18.61	18.63	19.90
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	18.77	18.62	18.57	19.90

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		18.68		19.90
100	PI/2 BPSK	1	137		18.54		19.90
100	PI/2 BPSK	1	271		18.53		19.90
100	PI/2 BPSK	135	0		18.48		19.90
100	PI/2 BPSK	135	69		18.65		19.90
100	PI/2 BPSK	135	138		18.44		19.90
100	PI/2 BPSK	270	0		18.61		19.90
100	QPSK	1	1		18.64		19.90
100	QPSK	1	137		18.60		19.90
100	QPSK	1	271		18.57		19.90
100	QPSK	135	0		18.56		19.90
100	QPSK	135	69		18.50		19.90
100	QPSK	135	138		18.49		19.90
100	QPSK	270	0		18.59		19.90
100	16QAM	1	1		18.48		19.90
100	64QAM	1	1		18.47		19.90
100	256QAM	1	1		18.60		19.90
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	18.46	18.49	18.57	19.90
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	18.45	18.48	18.53	19.90
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	18.38	18.42	18.47	19.90
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	18.37	18.41	18.49	19.90
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	18.31	18.42	18.49	19.90
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	18.42	18.39	18.54	19.90
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	18.40	18.35	18.46	19.90
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	18.32	18.38	18.43	19.90



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Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	18.42	18.47	18.45	19.90
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	18.38	18.38	18.53	19.90
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	18.36	18.40	18.45	19.90

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		10.63		11.20
100	PI/2 BPSK	1	137		10.56		11.20
100	PI/2 BPSK	1	271		10.58		11.20
100	PI/2 BPSK	135	0		10.50		11.20
100	PI/2 BPSK	135	69		10.59		11.20
100	PI/2 BPSK	135	138		10.56		11.20
100	PI/2 BPSK	270	0		10.57		11.20
100	QPSK	1	1		10.52		11.20
100	QPSK	1	137		10.54		11.20
100	QPSK	1	271		10.58		11.20
100	QPSK	135	0		10.49		11.20
100	QPSK	135	69		10.50		11.20
100	QPSK	135	138		10.53		11.20
100	QPSK	270	0		10.58		11.20
100	16QAM	1	1		10.53		11.20
100	64QAM	1	1		10.51		11.20
100	256QAM	1	1		10.60		11.20
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	10.53	10.51	10.45	11.20
90	PI/2 BPSK	1	120	0.00	0.00	0.00	11.20
90	PI/2 BPSK	1	243	0.00	0.00	0.00	11.20
90	PI/2 BPSK	120	0	0.00	0.00	0.00	11.20
90	PI/2 BPSK	120	60	0.00	0.00	0.00	11.20
90	PI/2 BPSK	120	120	0.00	0.00	0.00	11.20
90	PI/2 BPSK	240	0	0.00	0.00	0.00	11.20
90	QPSK	1	1	0.00	0.00	0.00	11.20
90	QPSK	1	120	0.00	0.00	0.00	11.20
90	QPSK	1	243	0.00	0.00	0.00	11.20
90	QPSK	120	0	0.00	0.00	0.00	11.20
90	QPSK	120	60	0.00	0.00	0.00	11.20
90	QPSK	120	120	0.00	0.00	0.00	11.20
90	QPSK	240	0	0.00	0.00	0.00	11.20
90	16QAM	1	1	0.00	0.00	0.00	11.20
90	64QAM	1	1	0.00	0.00	0.00	11.20
90	256QAM	1	1	0.00	0.00	0.00	11.20
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	10.45	10.46	10.41	11.20
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	10.49	10.46	10.39	11.20
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	10.46	10.40	10.39	11.20
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	10.51	10.40	10.35	11.20
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	10.45	10.40	10.37	11.20
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	10.51	10.47	10.42	11.20
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	10.49	10.42	10.37	11.20
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	



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20	PI/2 BPSK	1	1	10.46	10.47	10.36	11.20
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	10.41	10.45	10.37	11.20
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	10.45	10.44	10.31	11.20

【FR1 n78 (270)_Ant 8_DSI 12】

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		10.66		11.20
100	PI/2 BPSK	1	137		10.62		11.20
100	PI/2 BPSK	1	271		10.52		11.20
100	PI/2 BPSK	135	0		10.51		11.20
100	PI/2 BPSK	135	69		10.65		11.20
100	PI/2 BPSK	135	138		10.55		11.20
100	PI/2 BPSK	270	0		10.57		11.20
100	QPSK	1	1		10.57		11.20
100	QPSK	1	137		10.61		11.20
100	QPSK	1	271		10.55		11.20
100	QPSK	135	0		10.52		11.20
100	QPSK	135	69		10.51		11.20
100	QPSK	135	138		10.55		11.20
100	QPSK	270	0		10.59		11.20
100	16QAM	1	1		10.54		11.20
100	64QAM	1	1		10.55		11.20
100	256QAM	1	1		10.52		11.20
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	10.65	10.61	10.63	11.20
90	PI/2 BPSK	1	120	0.00	0.00	0.00	11.20
90	PI/2 BPSK	1	243	0.00	0.00	0.00	11.20
90	PI/2 BPSK	120	0	0.00	0.00	0.00	11.20
90	PI/2 BPSK	120	60	0.00	0.00	0.00	11.20
90	PI/2 BPSK	120	120	0.00	0.00	0.00	11.20
90	PI/2 BPSK	240	0	0.00	0.00	0.00	11.20
90	QPSK	1	1	0.00	0.00	0.00	11.20
90	QPSK	1	120	0.00	0.00	0.00	11.20
90	QPSK	1	243	0.00	0.00	0.00	11.20
90	QPSK	120	0	0.00	0.00	0.00	11.20
90	QPSK	120	60	0.00	0.00	0.00	11.20
90	QPSK	120	120	0.00	0.00	0.00	11.20
90	QPSK	240	0	0.00	0.00	0.00	11.20
90	16QAM	1	1	0.00	0.00	0.00	11.20
90	64QAM	1	1	0.00	0.00	0.00	11.20
90	256QAM	1	1	0.00	0.00	0.00	11.20
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	10.50	10.53	10.52	11.20
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	10.59	10.53	10.51	11.20
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	10.61	10.55	10.61	11.20
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	10.56	10.46	10.56	11.20
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	10.53	10.56	10.52	11.20
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	10.53	10.52	10.57	11.20
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	10.55	10.56	10.55	11.20
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	10.63	10.52	10.54	11.20
Channel				647168	650000	652832	Tune-up limit



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Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	10.51	10.52	10.51	11.20
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	10.60	10.55	10.61	11.20

【FR1 n78 (27Q)_Ant 8_DSI 7】

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		17.25		18.40
100	PI/2 BPSK	1	137		17.13		18.40
100	PI/2 BPSK	1	271		17.22		18.40
100	PI/2 BPSK	135	0		17.06		18.40
100	PI/2 BPSK	135	69		17.21		18.40
100	PI/2 BPSK	135	138		17.17		18.40
100	PI/2 BPSK	270	0		17.18		18.40
100	QPSK	1	1		17.04		18.40
100	QPSK	1	137		17.06		18.40
100	QPSK	1	271		17.08		18.40
100	QPSK	135	0		17.01		18.40
100	QPSK	135	69		17.13		18.40
100	QPSK	135	138		17.17		18.40
100	QPSK	270	0		17.06		18.40
100	16QAM	1	1		17.19		18.40
100	64QAM	1	1		17.19		18.40
100	256QAM	1	1		17.01		18.40
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	17.23	17.21	17.15	18.40
90	PI/2 BPSK	1	120	0.00	0.00	0.00	18.40
90	PI/2 BPSK	1	243	0.00	0.00	0.00	18.40
90	PI/2 BPSK	120	0	0.00	0.00	0.00	18.40
90	PI/2 BPSK	120	60	0.00	0.00	0.00	18.40
90	PI/2 BPSK	120	120	0.00	0.00	0.00	18.40
90	PI/2 BPSK	240	0	0.00	0.00	0.00	18.40
90	QPSK	1	1	0.00	0.00	0.00	18.40
90	QPSK	1	120	0.00	0.00	0.00	18.40
90	QPSK	1	243	0.00	0.00	0.00	18.40
90	QPSK	120	0	0.00	0.00	0.00	18.40
90	QPSK	120	60	0.00	0.00	0.00	18.40
90	QPSK	120	120	0.00	0.00	0.00	18.40
90	QPSK	240	0	0.00	0.00	0.00	18.40
90	16QAM	1	1	0.00	0.00	0.00	18.40
90	64QAM	1	1	0.00	0.00	0.00	18.40
90	256QAM	1	1	0.00	0.00	0.00	18.40
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	17.12	17.10	17.00	18.40
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	17.08	17.19	17.09	18.40
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	17.20	17.16	17.01	18.40
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	17.14	17.18	17.02	18.40
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	17.19	17.17	17.12	18.40
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	17.11	17.17	17.14	18.40
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	17.15	17.14	17.03	18.40
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	17.13	17.12	17.11	18.40
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	17.16	17.09	17.09	18.40



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Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	17.17	17.12	17.12	18.40

【FR1 n78 (270)_Ant 8_DSI 7】

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		17.07		18.40
100	PI/2 BPSK	1	137		16.97		18.40
100	PI/2 BPSK	1	271		17.01		18.40
100	PI/2 BPSK	135	0		16.87		18.40
100	PI/2 BPSK	135	69		17.04		18.40
100	PI/2 BPSK	135	138		16.97		18.40
100	PI/2 BPSK	270	0		17.01		18.40
100	QPSK	1	1		17.04		18.40
100	QPSK	1	137		16.86		18.40
100	QPSK	1	271		16.99		18.40
100	QPSK	135	0		16.98		18.40
100	QPSK	135	69		16.93		18.40
100	QPSK	135	138		17.03		18.40
100	QPSK	270	0		16.98		18.40
100	16QAM	1	1		16.85		18.40
100	64QAM	1	1		16.99		18.40
100	256QAM	1	1		16.90		18.40
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	17.05	17.03	17.05	18.40
90	PI/2 BPSK	1	120	0.00	0.00	0.00	18.40
90	PI/2 BPSK	1	243	0.00	0.00	0.00	18.40
90	PI/2 BPSK	120	0	0.00	0.00	0.00	18.40
90	PI/2 BPSK	120	60	0.00	0.00	0.00	18.40
90	PI/2 BPSK	120	120	0.00	0.00	0.00	18.40
90	PI/2 BPSK	240	0	0.00	0.00	0.00	18.40
90	QPSK	1	1	0.00	0.00	0.00	18.40
90	QPSK	1	120	0.00	0.00	0.00	18.40
90	QPSK	1	243	0.00	0.00	0.00	18.40
90	QPSK	120	0	0.00	0.00	0.00	18.40
90	QPSK	120	60	0.00	0.00	0.00	18.40
90	QPSK	120	120	0.00	0.00	0.00	18.40
90	QPSK	240	0	0.00	0.00	0.00	18.40
90	16QAM	1	1	0.00	0.00	0.00	18.40
90	64QAM	1	1	0.00	0.00	0.00	18.40
90	256QAM	1	1	0.00	0.00	0.00	18.40
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	16.98	16.98	16.98	18.40
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	16.91	16.92	17.03	18.40
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	16.97	16.92	16.95	18.40
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	16.95	17.01	16.97	18.40
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	17.02	16.92	16.91	18.40
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	17.01	16.90	16.94	18.40
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	16.93	17.01	16.97	18.40
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	16.99	17.01	16.95	18.40
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	16.96	17.01	16.97	18.40
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	16.93	16.93	17.03	18.40

**【FR1 n78 (27Q)_Ant 8_DSI 4】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.45		24.00
100	PI/2 BPSK	1	137		22.95		24.00
100	PI/2 BPSK	1	271		23.17		24.00
100	PI/2 BPSK	135	0		23.07		24.00
100	PI/2 BPSK	135	69		23.42		24.00
100	PI/2 BPSK	135	138		22.88		24.00
100	PI/2 BPSK	270	0		23.06		24.00
100	QPSK	1	1		23.23		24.00
100	QPSK	1	137		22.67		24.00
100	QPSK	1	271		23.00		24.00
100	QPSK	135	0		23.02		24.00
100	QPSK	135	69		22.73		24.00
100	QPSK	135	138		22.69		24.00
100	QPSK	270	0		22.80		24.00
100	16QAM	1	1		22.93		24.00
100	64QAM	1	1		22.15		23.00
100	256QAM	1	1		20.13		21.00
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	23.39	23.41	23.40	24.00
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	23.24	23.29	23.38	24.00
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	23.34	23.33	23.32	24.00
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	23.34	23.32	23.33	24.00
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	23.34	23.31	23.26	24.00
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	23.33	23.38	23.27	24.00
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	23.27	23.38	23.33	24.00
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	23.28	23.37	23.36	24.00
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	23.35	23.31	23.28	24.00
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	23.29	23.32	23.27	24.00
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	23.27	23.35	23.26	24.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		23.29		24.00
100	PI/2 BPSK	1	137		23.03		24.00
100	PI/2 BPSK	1	271		23.26		24.00
100	PI/2 BPSK	135	0		23.09		24.00
100	PI/2 BPSK	135	69		23.25		24.00
100	PI/2 BPSK	135	138		23.05		24.00
100	PI/2 BPSK	270	0		23.18		24.00
100	QPSK	1	1		23.04		24.00



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100	QPSK	1	137		22.97		24.00
100	QPSK	1	271		23.23		24.00
100	QPSK	135	0		22.96		24.00
100	QPSK	135	69		22.95		24.00
100	QPSK	135	138		23.04		24.00
100	QPSK	270	0		22.95		24.00
100	16QAM	1	1		23.03		24.00
100	64QAM	1	1		22.24		23.00
100	256QAM	1	1		20.16		21.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	23.22	23.26	23.24	24.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	23.18	23.19	23.16	24.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	23.21	23.14	23.10	24.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	23.16	23.22	23.21	24.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	23.10	23.17	23.16	24.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	23.18	23.24	23.15	24.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	23.18	23.21	23.13	24.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	23.20	23.13	23.17	24.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	23.10	23.16	23.15	24.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	23.18	23.20	23.20	24.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	23.08	23.24	23.19	24.00

【FR1 n78 (27Q)_HPUE_Ant 8_Full Power】

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		26.47		27.00
100	PI/2 BPSK	1	137		26.04		27.00
100	PI/2 BPSK	1	271		26.13		27.00
100	PI/2 BPSK	135	0		26.11		27.00
100	PI/2 BPSK	135	69		26.42		27.00
100	PI/2 BPSK	135	138		26.05		27.00
100	PI/2 BPSK	270	0		26.08		27.00
100	QPSK	1	1		26.34		27.00
100	QPSK	1	137		25.82		27.00
100	QPSK	1	271		26.09		27.00
100	QPSK	135	0		25.98		27.00
100	QPSK	135	69		25.91		27.00
100	QPSK	135	138		25.94		27.00
100	QPSK	270	0		25.93		27.00
100	16QAM	1	1		26.32		27.00
100	64QAM	1	1		25.08		26.00
100	256QAM	1	1		22.23		24.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	26.40	26.42	26.38	27.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	26.38	26.39	26.24	27.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	26.29	26.36	26.34	27.00



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Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	26.29	26.40	26.26	27.00
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	26.32	26.30	26.29	27.00
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	26.36	26.30	26.32	27.00
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	26.30	26.33	26.28	27.00
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	26.30	26.29	26.36	27.00
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	26.29	26.41	26.35	27.00
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	26.37	26.38	26.27	27.00
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	26.33	26.37	26.29	27.00

【FR1 n78 (270)_HPUE_Ant 8_Full Power】

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		26.32		27.00
100	PI/2 BPSK	1	137		25.99		27.00
100	PI/2 BPSK	1	271		26.29		27.00
100	PI/2 BPSK	135	0		26.17		27.00
100	PI/2 BPSK	135	69		26.30		27.00
100	PI/2 BPSK	135	138		26.14		27.00
100	PI/2 BPSK	270	0		26.25		27.00
100	QPSK	1	1		26.12		27.00
100	QPSK	1	137		26.03		27.00
100	QPSK	1	271		26.19		27.00
100	QPSK	135	0		25.96		27.00
100	QPSK	135	69		25.89		27.00
100	QPSK	135	138		25.97		27.00
100	QPSK	270	0		26.07		27.00
100	16QAM	1	1		26.08		27.00
100	64QAM	1	1		24.74		26.00
100	256QAM	1	1		22.24		24.00
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	26.27	26.30	26.25	27.00
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	26.12	26.23	26.11	27.00
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	26.26	26.21	26.23	27.00
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	26.18	26.21	26.12	27.00
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	26.16	26.27	26.15	27.00
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	26.20	26.24	26.14	27.00
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	26.18	26.16	26.11	27.00
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	26.14	26.20	26.14	27.00
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	26.13	26.17	26.11	27.00



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Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	26.20	26.21	26.19	27.00
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	26.23	26.24	26.14	27.00

【FR1 n78 (27Q)_HPUE_Ant 8_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		Tune-up limit (dBm)
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.42		24.20
100	PI/2 BPSK	1	137		23.26		24.20
100	PI/2 BPSK	1	271		23.19		24.20
100	PI/2 BPSK	135	0		23.11		24.20
100	PI/2 BPSK	135	69		23.38		24.20
100	PI/2 BPSK	135	138		23.15		24.20
100	PI/2 BPSK	270	0		23.31		24.20
100	QPSK	1	1		23.16		24.20
100	QPSK	1	137		23.17		24.20
100	QPSK	1	271		23.24		24.20
100	QPSK	135	0		23.31		24.20
100	QPSK	135	69		23.11		24.20
100	QPSK	135	138		23.14		24.20
100	QPSK	270	0		23.17		24.20
100	16QAM	1	1		23.29		24.20
100	64QAM	1	1		23.17		24.20
100	256QAM	1	1		22.23		24.00
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	23.15	23.22	23.13	24.20
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	23.05	23.20	23.11	24.20
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	23.07	23.20	23.07	24.20
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	23.05	23.11	23.10	24.20
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	23.07	23.13	23.09	24.20
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	23.00	23.08	23.11	24.20
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	23.07	23.14	23.10	24.20
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	23.08	23.21	23.05	24.20
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	23.01	23.10	23.05	24.20
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	23.02	23.13	23.01	24.20
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	23.00	23.21	23.00	24.20



【FR1 n78 (270)_HPUE_Ant 8_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		23.68		24.20
100	PI/2 BPSK	1	137		23.57		24.20
100	PI/2 BPSK	1	271		23.61		24.20
100	PI/2 BPSK	135	0		23.47		24.20
100	PI/2 BPSK	135	69		23.67		24.20
100	PI/2 BPSK	135	138		23.50		24.20
100	PI/2 BPSK	270	0		23.64		24.20
100	QPSK	1	1		23.50		24.20
100	QPSK	1	137		23.65		24.20
100	QPSK	1	271		23.51		24.20
100	QPSK	135	0		23.48		24.20
100	QPSK	135	69		23.56		24.20
100	QPSK	135	138		23.67		24.20
100	QPSK	270	0		23.63		24.20
100	16QAM	1	1		23.49		24.20
100	64QAM	1	1		23.58		24.20
100	256QAM	1	1		22.24		23.50
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	23.60	23.59	23.49	24.20
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	23.58	23.54	23.37	24.20
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	23.55	23.55	23.35	24.20
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	23.48	23.55	23.39	24.20
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	23.58	23.45	23.38	24.20
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	23.57	23.54	23.36	24.20
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	23.47	23.55	23.42	24.20
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	23.56	23.50	23.42	24.20
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	23.47	23.49	23.47	24.20
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	23.59	23.45	23.43	24.20
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	23.51	23.57	23.35	24.20

【FR1 n78 (27Q)_HPUE_Ant 8_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		20.25		21.90
100	PI/2 BPSK	1	137		20.18		21.90
100	PI/2 BPSK	1	271		20.03		21.90
100	PI/2 BPSK	135	0		20.22		21.90
100	PI/2 BPSK	135	69		20.23		21.90
100	PI/2 BPSK	135	138		20.17		21.90
100	PI/2 BPSK	270	0		20.23		21.90
100	QPSK	1	1		20.09		21.90
100	QPSK	1	137		20.16		21.90
100	QPSK	1	271		20.04		21.90



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100	QPSK	135	0		20.07		21.90
100	QPSK	135	69		20.09		21.90
100	QPSK	135	138		20.11		21.90
100	QPSK	270	0		20.12		21.90
100	16QAM	1	1		20.09		21.90
100	64QAM	1	1		20.13		21.90
100	256QAM	1	1		20.19		21.90
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	20.15	20.10	20.13	21.90
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	20.06	19.99	20.01	21.90
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	20.13	20.02	19.98	21.90
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	20.13	20.09	20.03	21.90
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	20.01	20.04	20.10	21.90
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	20.11	20.00	20.04	21.90
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	20.12	20.07	20.01	21.90
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	20.02	20.01	20.06	21.90
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	20.09	20.06	20.03	21.90
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	20.08	20.06	20.08	21.90
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	20.08	19.98	19.99	21.90

【FR1 n78 (270)_HPUE_Ant 8_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		20.10		21.90
100	PI/2 BPSK	1	137		19.93		21.90
100	PI/2 BPSK	1	271		20.08		21.90
100	PI/2 BPSK	135	0		19.93		21.90
100	PI/2 BPSK	135	69		20.08		21.90
100	PI/2 BPSK	135	138		20.03		21.90
100	PI/2 BPSK	270	0		20.07		21.90
100	QPSK	1	1		19.96		21.90
100	QPSK	1	137		19.98		21.90
100	QPSK	1	271		20.04		21.90
100	QPSK	135	0		20.05		21.90
100	QPSK	135	69		19.98		21.90
100	QPSK	135	138		20.03		21.90
100	QPSK	270	0		20.06		21.90
100	16QAM	1	1		20.04		21.90
100	64QAM	1	1		19.95		21.90
100	256QAM	1	1		20.05		21.90
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	20.03	20.02	20.01	21.90
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	19.96	19.91	19.90	21.90
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	19.98	19.91	19.95	21.90
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)



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60	PI/2 BPSK	1	1	19.99	19.90	19.94	21.90
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	19.94	19.91	19.97	21.90
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	20.01	19.90	19.90	21.90
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	20.01	19.96	19.92	21.90
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	19.93	19.97	19.93	21.90
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	19.93	19.98	19.92	21.90
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	19.98	19.96	19.93	21.90
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	19.99	19.96	19.98	21.90

【FR1 n78 (27Q)_HPUE_Ant 8_DSI 6】

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		21.85		22.90
100	PI/2 BPSK	1	137		21.80		22.90
100	PI/2 BPSK	1	271		21.72		22.90
100	PI/2 BPSK	135	0		21.74		22.90
100	PI/2 BPSK	135	69		21.82		22.90
100	PI/2 BPSK	135	138		21.63		22.90
100	PI/2 BPSK	270	0		21.80		22.90
100	QPSK	1	1		21.62		22.90
100	QPSK	1	137		21.84		22.90
100	QPSK	1	271		21.68		22.90
100	QPSK	135	0		21.75		22.90
100	QPSK	135	69		21.83		22.90
100	QPSK	135	138		21.84		22.90
100	QPSK	270	0		21.80		22.90
100	16QAM	1	1		21.74		22.90
100	64QAM	1	1		21.78		22.90
100	256QAM	1	1		21.70		22.90
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	21.73	21.69	21.64	22.90
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	21.64	21.55	21.62	22.90
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	21.67	21.67	21.61	22.90
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	21.60	21.64	21.50	22.90
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	21.61	21.67	21.58	22.90
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	21.63	21.57	21.60	22.90
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	21.69	21.65	21.49	22.90
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	21.69	21.67	21.54	22.90
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	21.67	21.59	21.53	22.90
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)



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15	PI/2 BPSK	1	1	21.63	21.56	21.57	22.90
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	21.68	21.58	21.49	22.90

【FR1 n78 (270)_HPUE_Ant 8_DSI 6】

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		21.70		22.90
100	PI/2 BPSK	1	137		21.65		22.90
100	PI/2 BPSK	1	271		21.57		22.90
100	PI/2 BPSK	135	0		21.53		22.90
100	PI/2 BPSK	135	69		21.66		22.90
100	PI/2 BPSK	135	138		21.52		22.90
100	PI/2 BPSK	270	0		21.63		22.90
100	QPSK	1	1		21.60		22.90
100	QPSK	1	137		21.67		22.90
100	QPSK	1	271		21.60		22.90
100	QPSK	135	0		21.48		22.90
100	QPSK	135	69		21.47		22.90
100	QPSK	135	138		21.51		22.90
100	QPSK	270	0		21.67		22.90
100	16QAM	1	1		21.51		22.90
100	64QAM	1	1		21.48		22.90
100	256QAM	1	1		21.53		22.90
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	21.47	21.67	21.66	22.90
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	21.33	21.59	21.51	22.90
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	21.40	21.57	21.56	22.90
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	21.34	21.66	21.59	22.90
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	21.38	21.55	21.57	22.90
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	21.38	21.63	21.57	22.90
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	21.32	21.61	21.53	22.90
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	21.36	21.63	21.64	22.90
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	21.45	21.55	21.51	22.90
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	21.44	21.57	21.56	22.90
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	21.33	21.60	21.61	22.90

【FR1 n78 (27Q)_HPUE_Ant 8_DSI 12】

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		13.63		14.20
100	PI/2 BPSK	1	137		13.57		14.20
100	PI/2 BPSK	1	271		13.59		14.20



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100	PI/2 BPSK	135	0		13.55		14.20
100	PI/2 BPSK	135	69		13.59		14.20
100	PI/2 BPSK	135	138		13.57		14.20
100	PI/2 BPSK	270	0		13.58		14.20
100	QPSK	1	1		13.57		14.20
100	QPSK	1	137		13.48		14.20
100	QPSK	1	271		13.56		14.20
100	QPSK	135	0		13.55		14.20
100	QPSK	135	69		13.55		14.20
100	QPSK	135	138		13.53		14.20
100	QPSK	270	0		13.49		14.20
100	16QAM	1	1		13.54		14.20
100	64QAM	1	1		13.58		14.20
100	256QAM	1	1		13.58		14.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	13.55	13.58	13.57	14.20
90	PI/2 BPSK	1	120	0.00	0.00	0.00	14.20
90	PI/2 BPSK	1	243	0.00	0.00	0.00	14.20
90	PI/2 BPSK	120	0	0.00	0.00	0.00	14.20
90	PI/2 BPSK	120	60	0.00	0.00	0.00	14.20
90	PI/2 BPSK	120	120	0.00	0.00	0.00	14.20
90	PI/2 BPSK	240	0	0.00	0.00	0.00	14.20
90	QPSK	1	1	0.00	0.00	0.00	14.20
90	QPSK	1	120	0.00	0.00	0.00	14.20
90	QPSK	1	243	0.00	0.00	0.00	14.20
90	QPSK	120	0	0.00	0.00	0.00	14.20
90	QPSK	120	60	0.00	0.00	0.00	14.20
90	QPSK	120	120	0.00	0.00	0.00	14.20
90	QPSK	240	0	0.00	0.00	0.00	14.20
90	16QAM	1	1	0.00	0.00	0.00	14.20
90	64QAM	1	1	0.00	0.00	0.00	14.20
90	256QAM	1	1	0.00	0.00	0.00	14.20
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	13.51	13.51	13.51	14.20
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	13.41	13.51	13.46	14.20
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	13.42	13.48	13.47	14.20
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	13.43	13.52	13.52	14.20
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	13.50	13.47	13.42	14.20
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	13.44	13.44	13.53	14.20
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	13.54	13.55	13.44	14.20
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	13.48	13.48	13.51	14.20
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	13.46	13.51	13.45	14.20
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	13.51	13.53	13.43	14.20

【FR1 n78 (270)_HPUE_Ant 8_DSI 12】

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		13.65		14.20
100	PI/2 BPSK	1	137		13.55		14.20
100	PI/2 BPSK	1	271		13.53		14.20
100	PI/2 BPSK	135	0		13.62		14.20
100	PI/2 BPSK	135	69		13.64		14.20



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100	PI/2 BPSK	135	138		13.60		14.20
100	PI/2 BPSK	270	0		13.58		14.20
100	QPSK	1	1		13.59		14.20
100	QPSK	1	137		13.56		14.20
100	QPSK	1	271		13.52		14.20
100	QPSK	135	0		13.59		14.20
100	QPSK	135	69		13.62		14.20
100	QPSK	135	138		13.55		14.20
100	QPSK	270	0		13.62		14.20
100	16QAM	1	1		13.51		14.20
100	64QAM	1	1		13.54		14.20
100	256QAM	1	1		13.59		14.20
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	13.55	13.51	13.45	14.20
90	PI/2 BPSK	1	120	0.00	0.00	0.00	14.20
90	PI/2 BPSK	1	243	0.00	0.00	0.00	14.20
90	PI/2 BPSK	120	0	0.00	0.00	0.00	14.20
90	PI/2 BPSK	120	60	0.00	0.00	0.00	14.20
90	PI/2 BPSK	120	120	0.00	0.00	0.00	14.20
90	PI/2 BPSK	240	0	0.00	0.00	0.00	14.20
90	QPSK	1	1	0.00	0.00	0.00	14.20
90	QPSK	1	120	0.00	0.00	0.00	14.20
90	QPSK	1	243	0.00	0.00	0.00	14.20
90	QPSK	120	0	0.00	0.00	0.00	14.20
90	QPSK	120	60	0.00	0.00	0.00	14.20
90	QPSK	120	120	0.00	0.00	0.00	14.20
90	QPSK	240	0	0.00	0.00	0.00	14.20
90	16QAM	1	1	0.00	0.00	0.00	14.20
90	64QAM	1	1	0.00	0.00	0.00	14.20
90	256QAM	1	1	0.00	0.00	0.00	14.20
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	13.50	13.39	13.37	14.20
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	13.41	13.36	13.34	14.20
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	13.45	13.36	13.37	14.20
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	13.44	13.44	13.31	14.20
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	13.43	13.37	13.34	14.20
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	13.54	13.45	13.42	14.20
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	13.48	13.40	13.43	14.20
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	13.48	13.43	13.43	14.20
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	13.49	13.50	13.37	14.20
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	13.43	13.45	13.37	14.20

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		20.21		21.40
100	PI/2 BPSK	1	137		20.08		21.40
100	PI/2 BPSK	1	271		19.93		21.40
100	PI/2 BPSK	135	0		20.14		21.40
100	PI/2 BPSK	135	69		20.18		21.40
100	PI/2 BPSK	135	138		20.07		21.40
100	PI/2 BPSK	270	0		20.13		21.40



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100	QPSK	1	1		19.99		21.40
100	QPSK	1	137		20.06		21.40
100	QPSK	1	271		19.94		21.40
100	QPSK	135	0		19.97		21.40
100	QPSK	135	69		19.99		21.40
100	QPSK	135	138		20.01		21.40
100	QPSK	270	0		20.02		21.40
100	16QAM	1	1		19.99		21.40
100	64QAM	1	1		20.03		21.40
100	256QAM	1	1		20.09		21.40
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	20.15	20.13	20.14	21.40
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	20.04	20.08	20.07	21.40
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	20.05	20.03	20.11	21.40
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	20.09	20.03	20.08	21.40
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	20.14	20.04	20.08	21.40
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	20.12	20.09	20.04	21.40
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	20.06	20.01	20.11	21.40
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	20.07	20.09	20.07	21.40
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	20.04	20.00	20.10	21.40
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	20.11	20.01	20.05	21.40
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	20.06	20.05	20.11	21.40

【FR1 n78 (270)_HPUE_Ant 8_DSI 7】

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		20.00		21.40
100	PI/2 BPSK	1	137		19.83		21.40
100	PI/2 BPSK	1	271		19.98		21.40
100	PI/2 BPSK	135	0		19.83		21.40
100	PI/2 BPSK	135	69		19.98		21.40
100	PI/2 BPSK	135	138		19.78		21.40
100	PI/2 BPSK	270	0		19.97		21.40
100	QPSK	1	1		19.86		21.40
100	QPSK	1	137		19.88		21.40
100	QPSK	1	271		19.94		21.40
100	QPSK	135	0		19.79		21.40
100	QPSK	135	69		19.88		21.40
100	QPSK	135	138		19.93		21.40
100	QPSK	270	0		19.78		21.40
100	16QAM	1	1		19.77		21.40
100	64QAM	1	1		19.85		21.40
100	256QAM	1	1		19.79		21.40
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	19.98	19.89	19.86	21.40
90	PI/2 BPSK	1	120	0.00	0.00	0.00	21.40
90	PI/2 BPSK	1	243	0.00	0.00	0.00	21.40
90	PI/2 BPSK	120	0	0.00	0.00	0.00	21.40
90	PI/2 BPSK	120	60	0.00	0.00	0.00	21.40
90	PI/2 BPSK	120	120	0.00	0.00	0.00	21.40



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90	PI/2 BPSK	240	0	0.00	0.00	0.00	21.40
90	QPSK	1	1	0.00	0.00	0.00	21.40
90	QPSK	1	120	0.00	0.00	0.00	21.40
90	QPSK	1	243	0.00	0.00	0.00	21.40
90	QPSK	120	0	0.00	0.00	0.00	21.40
90	QPSK	120	60	0.00	0.00	0.00	21.40
90	QPSK	120	120	0.00	0.00	0.00	21.40
90	QPSK	240	0	0.00	0.00	0.00	21.40
90	16QAM	1	1	0.00	0.00	0.00	21.40
90	64QAM	1	1	0.00	0.00	0.00	21.40
90	256QAM	1	1	0.00	0.00	0.00	21.40
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	19.94	19.76	19.76	21.40
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	19.96	19.77	19.76	21.40
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	19.96	19.85	19.75	21.40
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	19.87	19.81	19.73	21.40
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	19.91	19.85	19.73	21.40
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	19.85	19.81	19.84	21.40
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	19.89	19.81	19.80	21.40
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	19.84	19.75	19.83	21.40
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	19.97	19.76	19.79	21.40
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	19.87	19.85	19.81	21.40

【FR1 n78 (27Q)_HPUE_Ant 8_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		26.47		27.00
100	PI/2 BPSK	1	137		26.04		27.00
100	PI/2 BPSK	1	271		26.13		27.00
100	PI/2 BPSK	135	0		26.11		27.00
100	PI/2 BPSK	135	69		26.42		27.00
100	PI/2 BPSK	135	138		26.05		27.00
100	PI/2 BPSK	270	0		26.08		27.00
100	QPSK	1	1		26.34		27.00
100	QPSK	1	137		25.82		27.00
100	QPSK	1	271		26.09		27.00
100	QPSK	135	0		25.98		27.00
100	QPSK	135	69		25.91		27.00
100	QPSK	135	138		25.94		27.00
100	QPSK	270	0		25.93		27.00
100	16QAM	1	1		26.32		27.00
100	64QAM	1	1		25.08		26.00
100	256QAM	1	1		22.23		24.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	26.40	26.42	26.38	27.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	26.38	26.39	26.24	27.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	26.29	26.36	26.34	27.00
Channel				632000	633332	634666	Tune-up limit



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Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	26.29	26.40	26.26	27.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	26.32	26.30	26.29	27.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	26.36	26.30	26.32	27.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	26.30	26.33	26.28	27.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	26.30	26.29	26.36	27.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	26.29	26.41	26.35	27.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	26.37	26.38	26.27	27.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	26.33	26.37	26.29	27.00

**【FR1 n78 (270)_HPUE_Ant 8_DSI 4】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		26.32		27.00
100	PI/2 BPSK	1	137		25.99		27.00
100	PI/2 BPSK	1	271		26.29		27.00
100	PI/2 BPSK	135	0		26.17		27.00
100	PI/2 BPSK	135	69		26.30		27.00
100	PI/2 BPSK	135	138		26.14		27.00
100	PI/2 BPSK	270	0		26.25		27.00
100	QPSK	1	1		26.12		27.00
100	QPSK	1	137		26.03		27.00
100	QPSK	1	271		26.19		27.00
100	QPSK	135	0		25.96		27.00
100	QPSK	135	69		25.89		27.00
100	QPSK	135	138		25.97		27.00
100	QPSK	270	0		26.07		27.00
100	16QAM	1	1		26.08		27.00
100	64QAM	1	1		24.74		26.00
100	256QAM	1	1		22.24		24.00
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	26.27	26.30	26.25	27.00
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	26.12	26.23	26.11	27.00
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	26.26	26.21	26.23	27.00
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	26.18	26.21	26.12	27.00
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	26.16	26.27	26.15	27.00
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	26.20	26.24	26.14	27.00
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	26.18	26.16	26.11	27.00
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	26.14	26.20	26.14	27.00
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	26.13	26.17	26.11	27.00
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	26.20	26.21	26.19	27.00
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	26.23	26.24	26.14	27.00

**<Bluetooth Conducted Power>****【Bluetooth_Ant 7_DSI 12】**

Mode	Channel	Frequency (MHz)	Ant 7		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
BR / EDR 1Mbps	0	2402	14.01	15.90	100.00
	39	2441	15.79	16.90	
	78	2480	15.71	16.50	
BR / EDR 2Mbps	0	2402	13.22	14.50	100.00
	39	2441	13.05	14.00	
	78	2480	12.90	14.00	
BR / EDR 3Mbps	0	2402	13.23	14.50	100.00
	39	2441	13.04	14.00	
	78	2480	12.79	14.00	
LE 125kbps	0	2402	12.36	14.00	100.00
	19	2440	13.58	15.00	
	39	2480	12.26	14.00	
LE 500kbps	0	2402	12.58	14.00	100.00
	19	2440	13.38	15.00	
	39	2480	12.31	14.00	
LE 1Mbps	0	2402	12.65	14.00	100.00
	19	2440	13.59	15.50	
	39	2480	12.35	14.00	
LE 2Mbps	0	2402	12.93	14.50	100.00
	19	2440	13.62	15.00	
	39	2480	12.85	14.50	
BT6.0 GFSK 1Mbps	2	2404	12.17	13.50	100.00
	38	2440	12.95	14.50	
	76	2478	12.14	13.50	
BT6.0 GFSK 2Mbps	2	2404	12.23	13.50	100.00
	38	2440	13.00	14.50	
	76	2478	12.21	13.50	
BT6.0 ASK 1Mbps	2	2404	12.21	13.50	100.00
	38	2440	12.97	14.50	
	76	2478	12.17	13.50	

【Bluetooth_Ant 7_DSI 4】

Mode	Channel	Frequency (MHz)	Ant 7		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
BR / EDR 1Mbps	0	2402	17.78	19.50	100.00
	39	2441	18.87	20.50	
	78	2480	17.85	19.50	
BR / EDR 2Mbps	0	2402	15.78	17.50	100.00
	39	2441	16.31	18.00	
	78	2480	15.31	17.00	
BR / EDR 3Mbps	0	2402	15.70	17.50	100.00
	39	2441	16.25	18.00	
	78	2480	15.19	17.00	
LE 125kbps	0	2402	12.36	14.00	100.00
	19	2440	13.58	15.00	
	39	2480	12.26	14.00	
LE 500kbps	0	2402	12.58	14.00	100.00
	19	2440	13.38	15.00	
	39	2480	12.31	14.00	
LE 1Mbps	0	2402	12.65	14.00	100.00
	19	2440	13.59	15.50	
	39	2480	12.35	14.00	
LE 2Mbps	0	2402	12.93	14.50	100.00
	19	2440	13.62	15.00	
	39	2480	12.85	14.50	
BT6.0 GFSK 1Mbps	2	2404	12.17	13.50	100.00
	38	2440	12.95	14.50	
	76	2478	12.14	13.50	
BT6.0 GFSK 2Mbps	2	2404	12.23	13.50	100.00
	38	2440	13.00	14.50	
	76	2478	12.21	13.50	
BT6.0 ASK 1Mbps	2	2404	12.21	13.50	100.00



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	38	2440	12.97	14.50	
	76	2478	12.17	13.50	

【Bluetooth_Ant 7_Full Power】

			Ant 7		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
BR / EDR 1Mbps	0	2402	17.78	19.50	100.00
	39	2441	18.87	20.50	
	78	2480	17.85	19.50	
BR / EDR 2Mbps	0	2402	15.78	17.50	100.00
	39	2441	16.31	18.00	
	78	2480	15.31	17.00	
BR / EDR 3Mbps	0	2402	15.70	17.50	100.00
	39	2441	16.25	18.00	
	78	2480	15.19	17.00	
LE 125kbps	0	2402	12.36	14.00	100.00
	19	2440	13.58	15.00	
	39	2480	12.26	14.00	
LE 500kbps	0	2402	12.58	14.00	100.00
	19	2440	13.38	15.00	
	39	2480	12.31	14.00	
LE 1Mbps	0	2402	12.65	14.00	100.00
	19	2440	13.59	15.50	
	39	2480	12.35	14.00	
LE 2Mbps	0	2402	12.93	14.50	100.00
	19	2440	13.62	15.00	
	39	2480	12.85	14.50	
BT6.0 GFSK 1Mbps	2	2404	12.17	13.50	100.00
	38	2440	12.95	14.50	
	76	2478	12.14	13.50	
BT6.0 GFSK 2Mbps	2	2404	12.23	13.50	100.00
	38	2440	13.00	14.50	
	76	2478	12.21	13.50	
BT6.0 ASK 1Mbps	2	2404	12.21	13.50	100.00
	38	2440	12.97	14.50	
	76	2478	12.17	13.50	

【Bluetooth_Ant 11_DSI 12】

			Ant 11		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
BR / EDR 1Mbps	0	2402	19.22	21.00	100.00
	39	2441	19.41	21.00	
	78	2480	18.76	20.50	
BR / EDR 2Mbps	0	2402	15.61	17.50	100.00
	39	2441	16.69	18.50	
	78	2480	15.04	16.50	
BR / EDR 3Mbps	0	2402	15.50	17.00	100.00
	39	2441	16.57	18.50	
	78	2480	14.95	16.50	
LE 125kbps	0	2402	11.50	13.00	100.00
	19	2440	12.86	14.50	
	39	2480	11.47	13.00	
LE 500kbps	0	2402	11.88	13.50	100.00
	19	2440	12.68	14.00	
	39	2480	11.54	13.00	
LE 1Mbps	0	2402	11.65	13.00	100.00
	19	2440	12.72	14.50	
	39	2480	11.67	13.00	
LE 2Mbps	0	2402	11.98	13.50	100.00
	19	2440	13.05	14.50	
	39	2480	11.87	13.50	
BT6.0 GFSK 1Mbps	2	2404	9.36	11.00	100.00
	38	2440	10.22	12.00	
	76	2478	9.43	11.00	
BT6.0 GFSK 2Mbps	2	2404	9.44	11.00	100.00
	38	2440	10.31	12.00	
	76	2478	9.51	11.00	
BT6.0 ASK 1Mbps	2	2404	9.39	11.00	100.00



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	38	2440	10.26	12.00	
	76	2478	9.46	11.00	

【Bluetooth_Ant 11_DSI 4】

			Ant 11		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
BR / EDR 1Mbps	0	2402	14.60	16.00	100.00
	39	2441	17.54	18.50	
	78	2480	15.92	17.50	
BR / EDR 2Mbps	0	2402	14.86	16.50	100.00
	39	2441	15.78	17.50	
	78	2480	14.32	16.00	
BR / EDR 3Mbps	0	2402	14.89	16.50	100.00
	39	2441	15.79	17.50	
	78	2480	14.23	16.00	
LE 125kbps	0	2402	11.50	13.00	100.00
	19	2440	12.86	14.50	
	39	2480	11.47	13.00	
LE 500kbps	0	2402	11.88	13.50	100.00
	19	2440	12.68	14.00	
	39	2480	11.54	13.00	
LE 1Mbps	0	2402	11.65	13.00	100.00
	19	2440	12.72	14.50	
	39	2480	11.67	13.00	
LE 2Mbps	0	2402	11.98	13.50	100.00
	19	2440	13.05	14.50	
	39	2480	11.87	13.50	
BT6.0 GFSK 1Mbps	2	2404	9.36	11.00	100.00
	38	2440	10.22	12.00	
	76	2478	9.43	11.00	
BT6.0 GFSK 2Mbps	2	2404	9.44	11.00	100.00
	38	2440	10.31	12.00	
	76	2478	9.51	11.00	
BT6.0 ASK 1Mbps	2	2404	9.39	11.00	100.00
	38	2440	10.26	12.00	
	76	2478	9.46	11.00	

【Bluetooth_Ant 11_Full Power】

			Ant 11		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
BR / EDR 1Mbps	0	2402	19.22	21.00	100.00
	39	2441	19.41	21.00	
	78	2480	18.76	20.50	
BR / EDR 2Mbps	0	2402	15.61	17.50	100.00
	39	2441	16.69	18.50	
	78	2480	15.04	16.50	
BR / EDR 3Mbps	0	2402	15.50	17.00	100.00
	39	2441	16.57	18.50	
	78	2480	14.95	16.50	
LE 125kbps	0	2402	11.50	13.00	100.00
	19	2440	12.86	14.50	
	39	2480	11.47	13.00	
LE 500kbps	0	2402	11.88	13.50	100.00
	19	2440	12.68	14.00	
	39	2480	11.54	13.00	
LE 1Mbps	0	2402	11.65	13.00	100.00
	19	2440	12.72	14.50	
	39	2480	11.67	13.00	
LE 2Mbps	0	2402	11.98	13.50	100.00
	19	2440	13.05	14.50	
	39	2480	11.87	13.50	
BT6.0 GFSK 1Mbps	2	2404	11.74	13.50	100.00
	38	2440	12.47	14.00	
	76	2478	11.71	13.50	
BT6.0 GFSK 2Mbps	2	2404	11.81	13.50	100.00
	38	2440	12.56	14.00	
	76	2478	11.78	13.50	
BT6.0 ASK 1Mbps	2	2404	11.79	13.50	100.00



	38	2440	12.52	14.00	
	76	2478	11.73	13.50	

BT Beamforming

<Bluetooth_Ant 7_Full Power >

Bluetooth_Ant 7_Full Power			Ant 7		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
BR / EDR 1Mbps	0	2402	14.55	16.00	77.01
	39	2441	15.29	17.00	77.01
	78	2480	13.92	15.50	77.01
BR / EDR 2Mbps	0	2402	9.26	11.00	30.94
	39	2441	10.08	11.50	30.94
	78	2480	9.64	11.00	30.94
BR / EDR 3Mbps	0	2402	8.88	10.50	30.94
	39	2441	9.97	11.50	30.94
	78	2480	9.28	11.00	30.94
LE 125kbps	0	2402	7.11	8.50	82.72
	19	2440	8.13	9.50	82.72
	39	2480	7.61	9.00	82.72
LE 500kbps	0	2402	7.28	9.00	57.14
	19	2440	7.85	9.50	57.14
	39	2480	7.19	8.50	57.14
LE 1Mbps	0	2402	6.96	8.50	62.50
	19	2440	8.32	10.00	62.50
	39	2480	7.59	9.00	62.50
LE 2Mbps	0	2402	7.12	8.50	33.33
	19	2440	8.22	10.00	33.33
	39	2480	7.63	9.00	33.33

<Bluetooth_Ant 11_Full Power >

Bluetooth_Ant 11_Full Power			Ant 11		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
BR / EDR 1Mbps	0	2402	13.72	15.50	76.66
	39	2441	14.68	16.00	76.66
	78	2480	13.57	15.00	76.66
BR / EDR 2Mbps	0	2402	9.25	11.00	30.82
	39	2441	9.96	11.50	30.82
	78	2480	8.85	10.50	30.82
BR / EDR 3Mbps	0	2402	9.19	10.50	30.82
	39	2441	9.88	11.50	30.82
	78	2480	9.29	11.00	30.82
LE 125kbps	0	2402	5.87	7.50	82.95
	19	2440	7.03	8.50	82.95
	39	2480	5.60	7.00	82.95
LE 500kbps	0	2402	5.77	7.50	56.76
	19	2440	7.02	8.50	56.76
	39	2480	5.88	7.50	56.76
LE 1Mbps	0	2402	5.88	7.50	62.96
	19	2440	7.35	9.00	62.96
	39	2480	6.97	8.50	62.96
LE 2Mbps	0	2402	5.91	7.50	32.87
	19	2440	7.05	8.50	32.87
	39	2480	5.61	7.00	32.87



<Bluetooth_Ant 7+11_Full Power >					
Bluetooth_Ant 11_Full Power			Ant 7+11		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
BR / EDR 1Mbps	0	2402	17.17	18.80	77.01
	39	2441	18.01	19.50	77.01
	78	2480	16.76	18.30	77.01
BR / EDR 2Mbps	0	2402	12.27	14.00	30.94
	39	2441	13.03	14.50	30.94
	78	2480	12.28	13.80	30.94
BR / EDR 3Mbps	0	2402	12.05	13.50	30.94
	39	2441	12.94	14.50	30.94
	78	2480	12.30	14.00	30.94
LE 125kbps	0	2402	9.55	11.00	82.95
	19	2440	10.63	12.00	82.95
	39	2480	9.73	11.10	82.95
LE 500kbps	0	2402	9.60	11.30	57.14
	19	2440	10.47	12.00	57.14
	39	2480	9.59	11.00	57.14
LE 1Mbps	0	2402	9.46	11.00	62.96
	19	2440	10.87	12.50	62.96
	39	2480	10.30	11.80	62.96
LE 2Mbps	0	2402	9.57	11.00	33.33
	19	2440	10.69	12.30	33.33
	39	2480	9.75	11.10	33.33

**<WLAN Conducted Power>****【2.4GHz WLAN_Ant 7+11_Full Power】**

Mode	Channel	Frequency (MHz)	Ant 7+11(7)		Ant 7+11(11)		Ant 7+11		Duty Cycle %
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	
802.11b 1Mbps	1	2412	20.81	22.50	20.90	22.50	23.87	25.50	100.00
	6	2437	20.78	22.50	21.05	22.50	23.93	25.50	
	11	2462	20.77	22.50	21.11	22.50	23.95	25.50	
802.11g 6Mbps	1	2412	19.80	21.50	19.91	21.50	22.87	24.50	100.00
	6	2437	19.78	21.50	20.16	21.50	22.98	24.50	
	11	2462	18.90	20.50	19.09	20.50	22.01	23.50	
802.11n-HT20 MCS0	1	2412	19.00	20.50	19.23	21.00	22.13	23.80	100.00
	6	2437	19.02	20.50	19.61	21.00	22.34	23.80	
	11	2462	17.84	18.00	17.91	18.00	20.89	21.00	
802.11n-HT40 MCS0	3	2422	18.56	20.00	19.01	20.50	21.80	23.30	100.00
	6	2437	18.55	20.00	19.25	21.00	21.92	23.50	
	9	2452	15.89	17.50	16.05	17.50	18.98	20.50	
802.11ax-HE20 MCS0	1	2412	19.02	20.50	19.25	21.00	22.15	23.80	100.00
	6	2437	19.05	20.50	19.66	21.00	22.38	23.80	
	11	2462	17.89	18.00	17.91	18.00	20.91	21.00	
802.11ax-HE40 MCS0	3	2422	18.59	20.00	19.02	20.50	21.82	23.30	100.00
	6	2437	18.57	20.00	19.28	21.00	21.95	23.50	
	9	2452	15.90	17.50	16.07	17.50	19.00	20.50	
802.11be-EHT20 MCS0	1	2412	19.04	20.50	19.28	21.00	22.17	23.80	100.00
	6	2437	19.09	20.50	19.68	21.00	22.41	23.80	
	11	2462	17.89	18.00	17.94	18.00	20.93	21.00	
802.11be-EHT40 MCS0	3	2422	18.62	20.00	19.04	20.50	21.85	23.30	100.00
	6	2437	18.61	20.00	19.32	21.00	21.99	23.50	
	9	2452	15.92	17.50	16.09	17.50	19.02	20.50	

【2.4GHz WLAN_Ant 7+11_DSI 2】

Mode	Channel	Frequency (MHz)	Ant 7+11(7)		Ant 7+11(11)		Ant 7+11		Duty Cycle %
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	
802.11b 1Mbps	1	2412	20.81	22.50	20.90	22.50	23.87	25.50	100.00
	6	2437	20.78	22.50	21.05	22.50	23.93	25.50	
	11	2462	20.77	22.50	21.11	22.50	23.95	25.50	
802.11g 6Mbps	1	2412	19.80	21.50	19.91	21.50	22.87	24.50	100.00
	6	2437	19.78	21.50	20.16	21.50	22.98	24.50	
	11	2462	18.90	20.50	19.09	20.50	22.01	23.50	
802.11n-HT20 MCS0	1	2412	19.00	20.50	19.23	21.00	22.13	23.80	100.00
	6	2437	19.02	20.50	19.61	21.00	22.34	23.80	
	11	2462	17.84	18.00	17.91	18.00	20.89	21.00	
802.11n-HT40 MCS0	3	2422	18.56	20.00	19.01	20.50	21.80	23.30	100.00
	6	2437	18.55	20.00	19.25	21.00	21.92	23.50	
	9	2452	15.89	17.50	16.05	17.50	18.98	20.50	
802.11ax-HE20 MCS0	1	2412	19.02	20.50	19.25	21.00	22.15	23.80	100.00
	6	2437	19.05	20.50	19.66	21.00	22.38	23.80	
	11	2462	17.89	18.00	17.91	18.00	20.91	21.00	
802.11ax-HE40 MCS0	3	2422	18.59	20.00	19.02	20.50	21.82	23.30	100.00
	6	2437	18.57	20.00	19.28	21.00	21.95	23.50	
	9	2452	15.90	17.50	16.07	17.50	19.00	20.50	
802.11be-EHT20 MCS0	1	2412	19.04	20.50	19.28	21.00	22.17	23.80	100.00
	6	2437	19.09	20.50	19.68	21.00	22.41	23.80	
	11	2462	17.89	18.00	17.94	18.00	20.93	21.00	
802.11be-EHT40 MCS0	3	2422	18.62	20.00	19.04	20.50	21.85	23.30	100.00
	6	2437	18.61	20.00	19.32	21.00	21.99	23.50	
	9	2452	15.92	17.50	16.09	17.50	19.02	20.50	

**[2.4GHz WLAN_Ant 7+11_DSI 7]**

Mode	Channel	Frequency (MHz)	Ant 7+11(7)		Ant 7+11(11)		Ant 7+11		Duty Cycle %
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	
802.11b 1Mbps	1	2412	19.83	21.50	19.95	21.50	22.90	24.50	100.00
	6	2437	19.72	21.50	20.07	21.50	22.91	24.50	
	11	2462	19.79	21.50	20.15	21.50	22.98	24.50	
802.11g 6Mbps	1	2412	Not Required	19.00	Not Required	19.00	Not Required	22.00	Not Required
	6	2437	Not Required	19.00	Not Required	19.00	Not Required	22.00	
	11	2462	Not Required	19.00	Not Required	19.00	Not Required	22.00	
802.11n-HT20 MCS0	1	2412	Not Required	19.00	Not Required	19.00	Not Required	22.00	Not Required
	6	2437	Not Required	19.00	Not Required	19.00	Not Required	22.00	
	11	2462	Not Required	19.00	Not Required	19.00	Not Required	22.00	
802.11n-HT40 MCS0	3	2422	Not Required	19.00	Not Required	19.00	Not Required	22.00	Not Required
	6	2437	Not Required	19.00	Not Required	19.00	Not Required	22.00	
	9	2452	Not Required	19.00	Not Required	19.00	Not Required	22.00	
802.11ax-HE20 MCS0	1	2412	Not Required	19.00	Not Required	19.00	Not Required	22.00	Not Required
	6	2437	Not Required	19.00	Not Required	19.00	Not Required	22.00	
	11	2462	Not Required	19.00	Not Required	19.00	Not Required	22.00	
802.11ax-HE40 MCS0	3	2422	Not Required	19.00	Not Required	19.00	Not Required	22.00	Not Required
	6	2437	Not Required	19.00	Not Required	19.00	Not Required	22.00	
	9	2452	Not Required	19.00	Not Required	19.00	Not Required	22.00	
802.11be-EHT20 MCS0	1	2412	Not Required	19.00	Not Required	19.00	Not Required	22.00	Not Required
	6	2437	Not Required	19.00	Not Required	19.00	Not Required	22.00	
	11	2462	Not Required	19.00	Not Required	19.00	Not Required	22.00	
802.11be-EHT40 MCS0	3	2422	Not Required	19.00	Not Required	19.00	Not Required	22.00	Not Required
	6	2437	Not Required	19.00	Not Required	19.00	Not Required	22.00	
	9	2452	Not Required	19.00	Not Required	19.00	Not Required	22.00	

[2.4GHz WLAN_Ant 7+11_DSI 3]

Mode	Channel	Frequency (MHz)	Ant 7+11(7)		Ant 7+11(11)		Ant 7+11		Duty Cycle %
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	
802.11b 1Mbps	1	2412	19.83	21.30	19.95	21.30	22.90	24.30	100.00
	6	2437	19.72	21.30	20.07	21.30	22.91	24.30	
	11	2462	19.79	21.30	20.15	21.30	22.98	24.30	
802.11g 6Mbps	1	2412	19.80	21.30	19.91	21.30	22.87	24.30	100.00
	6	2437	19.78	21.30	20.16	21.30	22.98	24.30	
	11	2462	18.90	20.50	19.09	20.50	22.01	23.50	
802.11n-HT20 MCS0	1	2412	Not Required	19.00	Not Required	19.00	Not Required	22.00	Not Required
	6	2437	Not Required	19.00	Not Required	19.00	Not Required	22.00	
	11	2462	Not Required	19.00	Not Required	19.00	Not Required	22.00	
802.11n-HT40 MCS0	3	2422	Not Required	19.00	Not Required	19.00	Not Required	22.00	Not Required
	6	2437	Not Required	19.00	Not Required	19.00	Not Required	22.00	
	9	2452	Not Required	19.00	Not Required	19.00	Not Required	22.00	
802.11ax-HE20 MCS0	1	2412	Not Required	19.00	Not Required	19.00	Not Required	22.00	Not Required
	6	2437	Not Required	19.00	Not Required	19.00	Not Required	22.00	
	11	2462	Not Required	19.00	Not Required	19.00	Not Required	22.00	
802.11ax-HE40 MCS0	3	2422	Not Required	19.00	Not Required	19.00	Not Required	22.00	Not Required
	6	2437	Not Required	19.00	Not Required	19.00	Not Required	22.00	
	9	2452	Not Required	19.00	Not Required	19.00	Not Required	22.00	
802.11be-EHT20 MCS0	1	2412	Not Required	19.00	Not Required	19.00	Not Required	22.00	Not Required
	6	2437	Not Required	19.00	Not Required	19.00	Not Required	22.00	
	11	2462	Not Required	19.00	Not Required	19.00	Not Required	22.00	
802.11be-EHT40 MCS0	3	2422	Not Required	19.00	Not Required	19.00	Not Required	22.00	Not Required
	6	2437	Not Required	19.00	Not Required	19.00	Not Required	22.00	
	9	2452	Not Required	19.00	Not Required	19.00	Not Required	22.00	

[2.4GHz WLAN_Ant 7+11_DSI 6]

Mode	Channel	Frequency (MHz)	Ant 7+11(7)		Ant 7+11(11)		Ant 7+11		Duty Cycle %
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	
802.11b 1Mbps	1	2412	20.81	22.50	20.90	22.50	23.87	25.50	100.00
	6	2437	20.78	22.50	21.05	22.50	23.93	25.50	
	11	2462	20.77	22.50	21.11	22.50	23.95	25.50	
802.11g 6Mbps	1	2412	19.80	21.50	19.91	21.50	22.87	24.50	100.00
	6	2437	19.78	21.50	20.16	21.50	22.98	24.50	
	11	2462	18.90	20.50	19.09	20.50	22.01	23.50	



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802.11n-HT20 MCS0	1	2412	19.00	20.50	19.23	21.00	22.13	23.80	100.00
	6	2437	19.02	20.50	19.61	21.00	22.34	23.80	
	11	2462	17.84	18.00	17.91	18.00	20.89	21.00	
802.11n-HT40 MCS0	3	2422	18.56	20.00	19.01	20.50	21.80	23.30	100.00
	6	2437	18.55	20.00	19.25	21.00	21.92	23.50	
	9	2452	15.89	17.50	16.05	17.50	18.98	20.50	
802.11ax-HE20 MCS0	1	2412	19.02	20.50	19.25	21.00	22.15	23.80	100.00
	6	2437	19.05	20.50	19.66	21.00	22.38	23.80	
	11	2462	17.89	18.00	17.91	18.00	20.91	21.00	
802.11ax-HE40 MCS0	3	2422	18.59	20.00	19.02	20.50	21.82	23.30	100.00
	6	2437	18.57	20.00	19.28	21.00	21.95	23.50	
	9	2452	15.90	17.50	16.07	17.50	19.00	20.50	
802.11be-EHT20 MCS0	1	2412	19.04	20.50	19.28	21.00	22.17	23.80	100.00
	6	2437	19.09	20.50	19.68	21.00	22.41	23.80	
	11	2462	17.89	18.00	17.94	18.00	20.93	21.00	
802.11be-EHT40 MCS0	3	2422	18.62	20.00	19.04	20.50	21.85	23.30	100.00
	6	2437	18.61	20.00	19.32	21.00	21.99	23.50	
	9	2452	15.92	17.50	16.09	17.50	19.02	20.50	

【2.4GHz WLAN_Ant 7+11_DSI 4】

Mode	Channel	Frequency (MHz)	Ant 7+11(7)		Ant 7+11(11)		Ant 7+11		Duty Cycle %
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	
802.11b 1Mbps	1	2412	20.81	22.50	20.90	22.50	23.87	25.50	100.00
	6	2437	20.78	22.50	21.05	22.50	23.93	25.50	
	11	2462	20.77	22.50	21.11	22.50	23.95	25.50	
802.11g 6Mbps	1	2412	19.80	21.50	19.91	21.50	22.87	24.50	100.00
	6	2437	19.78	21.50	20.16	21.50	22.98	24.50	
	11	2462	18.90	20.50	19.09	20.50	22.01	23.50	
802.11n-HT20 MCS0	1	2412	19.00	20.50	19.23	21.00	22.13	23.80	100.00
	6	2437	19.02	20.50	19.61	21.00	22.34	23.80	
	11	2462	17.84	18.00	17.91	18.00	20.89	21.00	
802.11n-HT40 MCS0	3	2422	18.56	20.00	19.01	20.50	21.80	23.30	100.00
	6	2437	18.55	20.00	19.25	21.00	21.92	23.50	
	9	2452	15.89	17.50	16.05	17.50	18.98	20.50	
802.11ax-HE20 MCS0	1	2412	19.02	20.50	19.25	21.00	22.15	23.80	100.00
	6	2437	19.05	20.50	19.66	21.00	22.38	23.80	
	11	2462	17.89	18.00	17.91	18.00	20.91	21.00	
802.11ax-HE40 MCS0	3	2422	18.59	20.00	19.02	20.50	21.82	23.30	100.00
	6	2437	18.57	20.00	19.28	21.00	21.95	23.50	
	9	2452	15.90	17.50	16.07	17.50	19.00	20.50	
802.11be-EHT20 MCS0	1	2412	19.04	20.50	19.28	21.00	22.17	23.80	100.00
	6	2437	19.09	20.50	19.68	21.00	22.41	23.80	
	11	2462	17.89	18.00	17.94	18.00	20.93	21.00	
802.11be-EHT40 MCS0	3	2422	18.62	20.00	19.04	20.50	21.85	23.30	100.00
	6	2437	18.61	20.00	19.32	21.00	21.99	23.50	
	9	2452	15.92	17.50	16.09	17.50	19.02	20.50	

【2.4GHz WLAN_Ant 7+11_DSI 12】

Mode	Channel	Frequency (MHz)	Ant 7+11(7)		Ant 7+11(11)		Ant 7+11		Duty Cycle %
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	
802.11b 1Mbps	1	2412	14.41	15.50	14.43	15.50	17.43	18.50	100.00
	6	2437	14.48	15.50	14.58	15.50	17.54	18.50	
	11	2462	14.35	15.50	14.65	15.50	17.51	18.50	
802.11g 6Mbps	1	2412	14.31	15.50	14.43	15.50	17.38	18.50	100.00
	6	2437	14.29	15.50	14.67	15.50	17.49	18.50	
	11	2462	14.43	15.50	14.61	15.50	17.53	18.50	
802.11n-HT20 MCS0	1	2412	Not Required	15.50	Not Required	15.50	Not Required	18.50	Not Required
	6	2437	Not Required	15.50	Not Required	15.50	Not Required	18.50	
	11	2462	Not Required	15.50	Not Required	15.50	Not Required	18.50	
802.11n-HT40 MCS0	3	2422	Not Required	15.50	Not Required	15.50	Not Required	18.50	Not Required
	6	2437	Not Required	15.50	Not Required	15.50	Not Required	18.50	
	9	2452	Not Required	15.50	Not Required	15.50	Not Required	18.50	
802.11ax-HE20 MCS0	1	2412	Not Required	15.50	Not Required	15.50	Not Required	18.50	Not Required
	6	2437	Not Required	15.50	Not Required	15.50	Not Required	18.50	
	11	2462	Not Required	15.50	Not Required	15.50	Not Required	18.50	
802.11ax-HE40 MCS0	3	2422	Not Required	15.50	Not Required	15.50	Not Required	18.50	Not Required
	6	2437	Not Required	15.50	Not Required	15.50	Not Required	18.50	
	9	2452	Not Required	15.50	Not Required	15.50	Not Required	18.50	



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802.11be-EHT20 MCS0	1	2412	Not Required	15.50	Not Required	15.50	Not Required	18.50	Not Required
	6	2437	Not Required	15.50	Not Required	15.50	Not Required	18.50	
	11	2462	Not Required	15.50	Not Required	15.50	Not Required	18.50	
802.11be-EHT40 MCS0	3	2422	Not Required	15.50	Not Required	15.50	Not Required	18.50	Not Required
	6	2437	Not Required	15.50	Not Required	15.50	Not Required	18.50	
	9	2452	Not Required	15.50	Not Required	15.50	Not Required	18.50	

【5.2GHz WLAN_Ant 6+1_Full Power】

Mode	Channel	Frequency (MHz)	Ant 6+1(6)		Ant 6+1(1)		Ant 6+1		Duty Cycle %
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	
802.11a 6Mbps	36	5180	16.23	18.00	16.70	18.50	19.48	21.30	100.00
	40	5200	16.28	18.00	16.45	18.00	19.38	21.00	
	44	5220	16.51	18.00	16.76	18.50	19.65	21.30	
	48	5240	16.58	18.00	16.76	18.50	19.68	21.30	
802.11n-HT20 MCS0	36	5180	16.84	18.50	17.50	19.00	20.19	21.80	100.00
	40	5200	16.81	18.50	17.24	19.00	20.04	21.80	
	44	5220	16.77	18.50	17.19	19.00	20.00	21.80	
	48	5240	16.70	18.50	17.03	18.50	19.88	21.50	
802.11n-HT40 MCS0	38	5190	17.23	19.00	17.72	19.00	20.49	22.00	100.00
	46	5230	19.12	20.50	19.26	21.00	22.20	23.80	
802.11ac-VHT20 MCS0	36	5180	16.89	18.50	17.58	19.00	20.26	21.80	100.00
	40	5200	16.89	18.50	17.32	19.00	20.12	21.80	
	44	5220	16.81	18.50	17.23	19.00	20.04	21.80	
	48	5240	16.75	18.50	17.10	18.50	19.94	21.50	
802.11ac-VHT40 MCS0	38	5190	17.25	19.00	17.75	19.50	20.52	22.30	100.00
	46	5230	19.16	20.50	19.29	21.00	22.24	23.80	
802.11ac-VHT80 MCS0	42	5210	18.55	20.00	18.91	20.50	21.74	23.30	100.00
802.11ax-HE20 MCS0	36	5180	16.94	18.50	17.66	19.00	20.33	21.80	100.00
	40	5200	16.94	18.50	17.38	19.00	20.18	21.80	
	44	5220	16.86	18.50	17.29	19.00	20.09	21.80	
	48	5240	16.82	18.50	17.15	19.00	20.00	21.80	
802.11ax-HE40 MCS0	38	5190	17.29	19.00	17.79	19.50	20.56	22.30	100.00
	46	5230	19.21	20.50	19.33	21.00	22.28	23.80	
802.11ax-HE80 MCS0	42	5210	18.61	20.00	18.96	20.50	21.80	23.30	100.00
802.11be-EHT20 MCS0	36	5180	17.00	18.50	17.71	19.00	20.38	21.80	100.00
	40	5200	16.98	18.50	17.44	19.00	20.23	21.80	
	44	5220	16.92	18.50	17.34	19.00	20.15	21.80	
	48	5240	16.87	18.50	17.23	19.00	20.06	21.80	
802.11be-EHT40 MCS0	38	5190	17.36	19.00	17.84	19.50	20.62	22.30	100.00
	46	5230	19.29	20.50	19.38	20.50	22.35	23.50	
802.11be-EHT80 MCS0	42	5210	18.68	20.00	19.01	20.50	21.86	23.30	100.00

【5.2GHz WLAN_Ant 6+1_DSI 2】

Mode	Channel	Frequency (MHz)	Ant 6+1(6)		Ant 6+1(1)		Ant 6+1		Duty Cycle %
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	
802.11a 6Mbps	36	5180	16.23	18.00	16.70	18.50	19.48	21.30	100.00
	40	5200	16.28	18.00	16.45	18.00	19.38	21.00	
	44	5220	16.51	18.00	16.76	18.50	19.65	21.30	
	48	5240	16.58	18.00	16.76	18.50	19.68	21.30	
802.11n-HT20 MCS0	36	5180	16.84	18.50	17.50	19.00	20.19	21.80	100.00
	40	5200	16.81	18.50	17.24	19.00	20.04	21.80	
	44	5220	16.77	18.50	17.19	19.00	20.00	21.80	
	48	5240	16.70	18.50	17.03	18.50	19.88	21.50	
802.11n-HT40 MCS0	38	5190	17.23	19.00	17.72	19.00	20.49	22.00	100.00
	46	5230	19.12	20.50	19.26	21.00	22.20	23.80	
802.11ac-VHT20 MCS0	36	5180	16.89	18.50	17.58	19.00	20.26	21.80	100.00
	40	5200	16.89	18.50	17.32	19.00	20.12	21.80	
	44	5220	16.81	18.50	17.23	19.00	20.04	21.80	
	48	5240	16.75	18.50	17.10	18.50	19.94	21.50	
802.11ac-VHT40 MCS0	38	5190	17.25	19.00	17.75	19.50	20.52	22.30	100.00
	46	5230	19.16	20.50	19.29	21.00	22.24	23.80	
802.11ac-VHT80 MCS0	42	5210	18.55	20.00	18.91	20.50	21.74	23.30	100.00
802.11ax-HE20 MCS0	36	5180	16.94	18.50	17.66	19.00	20.33	21.80	100.00
	40	5200	16.94	18.50	17.38	19.00	20.18	21.80	
	44	5220	16.86	18.50	17.29	19.00	20.09	21.80	
	48	5240	16.82	18.50	17.15	19.00	20.00	21.80	
802.11ax-HE40 MCS0	38	5190	17.29	19.00	17.79	19.50	20.56	22.30	100.00
	46	5230	19.21	20.50	19.33	21.00	22.28	23.80	



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802.11ax-HE80 MCS0	42	5210	18.61	20.00	18.96	20.50	21.80	23.30	100.00
802.11be-EHT20 MCS0	36	5180	17.00	18.50	17.71	19.00	20.38	21.80	100.00
	40	5200	16.98	18.50	17.44	19.00	20.23	21.80	
	44	5220	16.92	18.50	17.34	19.00	20.15	21.80	
	48	5240	16.87	18.50	17.23	19.00	20.06	21.80	
802.11be-EHT40 MCS0	38	5190	17.36	19.00	17.84	19.50	20.62	22.30	100.00
	46	5230	19.29	20.50	19.38	20.50	22.35	23.50	
802.11be-EHT80 MCS0	42	5210	18.68	20.00	19.01	20.50	21.86	23.30	100.00

【5.2GHz WLAN_Ant 6+1_DSI 7】

Mode	Channel	Frequency (MHz)	Ant 6+1(6)		Ant 6+1(1)		Ant 6+1		Duty Cycle %
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	
802.11a 6Mbps	36	5180	Not Required	18.00	Not Required	18.50	Not Required	21.30	Not Required
	40	5200	Not Required	18.00	Not Required	18.00	Not Required	21.00	
	44	5220	Not Required	18.00	Not Required	18.50	Not Required	21.30	
	48	5240	Not Required	18.00	Not Required	18.50	Not Required	21.30	
802.11n-HT20 MCS0	36	5180	Not Required	18.50	Not Required	19.00	Not Required	21.80	Not Required
	40	5200	Not Required	18.50	Not Required	19.00	Not Required	21.80	
	44	5220	Not Required	18.50	Not Required	19.00	Not Required	21.80	
	48	5240	Not Required	18.50	Not Required	18.50	Not Required	21.50	
802.11n-HT40 MCS0	38	5190	Not Required	19.00	Not Required	19.00	Not Required	22.00	Not Required
	46	5230	Not Required	19.50	Not Required	19.50	Not Required	22.50	
802.11ac-VHT20 MCS0	36	5180	Not Required	18.50	Not Required	19.00	Not Required	21.80	Not Required
	40	5200	Not Required	18.50	Not Required	19.00	Not Required	21.80	
	44	5220	Not Required	18.50	Not Required	19.00	Not Required	21.80	
	48	5240	Not Required	18.50	Not Required	18.50	Not Required	21.50	
802.11ac-VHT40 MCS0	38	5190	Not Required	19.00	Not Required	19.50	Not Required	22.30	Not Required
	46	5230	Not Required	19.50	Not Required	19.50	Not Required	22.50	
802.11ac-VHT80 MCS0	42	5210	18.55	19.50	18.51	19.50	21.54	22.50	100.00
802.11ax-HE20 MCS0	36	5180	Not Required	18.50	Not Required	19.00	Not Required	21.80	Not Required
	40	5200	Not Required	18.50	Not Required	19.00	Not Required	21.80	
	44	5220	Not Required	18.50	Not Required	19.00	Not Required	21.80	
	48	5240	Not Required	18.50	Not Required	19.00	Not Required	21.80	
802.11ax-HE40 MCS0	38	5190	Not Required	19.00	Not Required	19.50	Not Required	22.30	Not Required
	46	5230	Not Required	19.50	Not Required	19.50	Not Required	22.50	
802.11ax-HE80 MCS0	42	5210	Not Required	18.50	Not Required	19.00	Not Required	21.80	Not Required
802.11be-EHT20 MCS0	36	5180	Not Required	18.50	Not Required	19.00	Not Required	21.80	Not Required
	40	5200	Not Required	18.50	Not Required	19.00	Not Required	21.80	
	44	5220	Not Required	18.50	Not Required	19.00	Not Required	21.80	
	48	5240	Not Required	19.00	Not Required	19.50	Not Required	22.30	
802.11be-EHT40 MCS0	38	5190	Not Required	19.50	Not Required	19.50	Not Required	22.50	Not Required
	46	5230	Not Required	19.50	Not Required	19.50	Not Required	22.50	
802.11be-EHT80 MCS0	42	5210	Not Required	19.50	Not Required	19.50	Not Required	22.50	Not Required

【5.2GHz WLAN_Ant 6+1_DSI 3】

Mode	Channel	Frequency (MHz)	Ant 6+1(6)		Ant 6+1(1)		Ant 6+1		Duty Cycle %
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	
802.11a 6Mbps	36	5180	Not Required	17.50	Not Required	17.50	Not Required	20.50	Not Required
	40	5200	Not Required	17.50	Not Required	17.50	Not Required	20.50	
	44	5220	Not Required	17.50	Not Required	17.50	Not Required	20.50	
	48	5240	Not Required	17.50	Not Required	17.50	Not Required	20.50	
802.11n-HT20 MCS0	36	5180	Not Required	17.50	Not Required	17.50	Not Required	20.50	Not Required
	40	5200	Not Required	17.50	Not Required	17.50	Not Required	20.50	
	44	5220	Not Required	17.50	Not Required	17.50	Not Required	20.50	
	48	5240	Not Required	17.50	Not Required	17.50	Not Required	20.50	
802.11n-HT40 MCS0	38	5190	Not Required	17.50	Not Required	17.50	Not Required	20.50	Not Required
	46	5230	Not Required	17.50	Not Required	17.50	Not Required	20.50	
802.11ac-VHT20 MCS0	36	5180	Not Required	17.50	Not Required	17.50	Not Required	20.50	Not Required
	40	5200	Not Required	17.50	Not Required	17.50	Not Required	20.50	
	44	5220	Not Required	17.50	Not Required	17.50	Not Required	20.50	
	48	5240	Not Required	17.50	Not Required	17.50	Not Required	20.50	
802.11ac-VHT40 MCS0	38	5190	Not Required	17.50	Not Required	17.50	Not Required	20.50	Not Required
	46	5230	Not Required	17.50	Not Required	17.50	Not Required	20.50	
802.11ac-VHT80 MCS0	42	5210	16.58	17.50	16.89	17.50	19.75	20.50	100.00
802.11ax-HE20 MCS0	36	5180	Not Required	17.50	Not Required	17.50	Not Required	20.50	Not Required
	40	5200	Not Required	17.50	Not Required	17.50	Not Required	20.50	
	44	5220	Not Required	17.50	Not Required	17.50	Not Required	20.50	
	48	5240	Not Required	17.50	Not Required	17.50	Not Required	20.50	

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802.11ax-HE40 MCS0	38	5190	Not Required	17.50	Not Required	17.50	Not Required	20.50	Not Required
	46	5230	Not Required	17.50	Not Required	17.50	Not Required	20.50	
802.11ax-HE80 MCS0	42	5210	Not Required	17.50	Not Required	17.50	Not Required	20.50	Not Required
802.11be-EHT20 MCS0	36	5180	Not Required	17.50	Not Required	17.50	Not Required	20.50	Not Required
	40	5200	Not Required	17.50	Not Required	17.50	Not Required	20.50	
	44	5220	Not Required	17.50	Not Required	17.50	Not Required	20.50	
	48	5240	Not Required	17.50	Not Required	17.50	Not Required	20.50	
802.11be-EHT40 MCS0	38	5190	Not Required	17.50	Not Required	17.50	Not Required	20.50	Not Required
	46	5230	Not Required	17.50	Not Required	17.50	Not Required	20.50	
802.11be-EHT80 MCS0	42	5210	Not Required	17.50	Not Required	17.50	Not Required	20.50	Not Required

【5.2GHz WLAN_Ant 6+1_DSI 6】

Mode	Channel	Frequency (MHz)	Ant 6+1(6)		Ant 6+1(1)		Ant 6+1		Duty Cycle %
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	
802.11a 6Mbps	36	5180	Not Required	17.50	Not Required	18.00	Not Required	20.80	Not Required
	40	5200	Not Required	17.50	Not Required	18.00	Not Required	20.80	
	44	5220	Not Required	17.50	Not Required	18.00	Not Required	20.80	
	48	5240	Not Required	17.50	Not Required	18.00	Not Required	20.80	
802.11n-HT20 MCS0	36	5180	Not Required	17.50	Not Required	18.00	Not Required	20.80	Not Required
	40	5200	Not Required	17.50	Not Required	18.00	Not Required	20.80	
	44	5220	Not Required	17.50	Not Required	18.00	Not Required	20.80	
	48	5240	Not Required	17.50	Not Required	18.00	Not Required	20.80	
802.11n-HT40 MCS0	38	5190	16.04	17.50	16.17	18.00	19.12	20.80	100.00
	46	5230	16.12	18.00	16.26	18.00	19.20	21.00	
802.11ac-VHT20 MCS0	36	5180	Not Required	17.50	Not Required	18.00	Not Required	20.80	Not Required
	40	5200	Not Required	17.50	Not Required	18.00	Not Required	20.80	
	44	5220	Not Required	17.50	Not Required	18.00	Not Required	20.80	
	48	5240	Not Required	17.50	Not Required	18.00	Not Required	20.80	
802.11ac-VHT40 MCS0	38	5190	Not Required	17.50	Not Required	18.00	Not Required	20.80	Not Required
	46	5230	Not Required	17.50	Not Required	18.00	Not Required	20.80	
802.11ac-VHT80 MCS0	42	5210	Not Required	17.50	Not Required	18.00	Not Required	20.80	Not Required
802.11ax-HE20 MCS0	36	5180	Not Required	17.50	Not Required	18.00	Not Required	20.80	Not Required
	40	5200	Not Required	17.50	Not Required	18.00	Not Required	20.80	
	44	5220	Not Required	17.50	Not Required	18.00	Not Required	20.80	
	48	5240	Not Required	17.50	Not Required	18.00	Not Required	20.80	
802.11ax-HE40 MCS0	38	5190	Not Required	17.50	Not Required	18.00	Not Required	20.80	Not Required
802.11ax-HE80 MCS0	42	5210	Not Required	17.50	Not Required	18.00	Not Required	20.80	Not Required
802.11be-EHT20 MCS0	36	5180	Not Required	17.50	Not Required	18.00	Not Required	20.80	Not Required
	40	5200	Not Required	17.50	Not Required	18.00	Not Required	20.80	
	44	5220	Not Required	17.50	Not Required	18.00	Not Required	20.80	
	48	5240	Not Required	17.50	Not Required	18.00	Not Required	20.80	
802.11be-EHT40 MCS0	38	5190	Not Required	17.50	Not Required	18.00	Not Required	20.80	Not Required
802.11be-EHT80 MCS0	46	5230	Not Required	17.50	Not Required	18.00	Not Required	20.80	Not Required
	42	5210	Not Required	17.50	Not Required	18.00	Not Required	20.80	

【5.2GHz WLAN_Ant 6+1_DSI 4】

Mode	Channel	Frequency (MHz)	Ant 6+1(6)		Ant 6+1(1)		Ant 6+1		Duty Cycle %
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	
802.11a 6Mbps	36	5180	Not Required	17.50	Not Required	18.00	Not Required	20.80	Not Required
	40	5200	Not Required	17.50	Not Required	18.00	Not Required	20.80	
	44	5220	Not Required	17.50	Not Required	18.00	Not Required	20.80	
	48	5240	Not Required	17.50	Not Required	18.00	Not Required	20.80	
802.11n-HT20 MCS0	36	5180	Not Required	17.50	Not Required	18.00	Not Required	20.80	Not Required
	40	5200	Not Required	17.50	Not Required	18.00	Not Required	20.80	
	44	5220	Not Required	17.50	Not Required	18.00	Not Required	20.80	
	48	5240	Not Required	17.50	Not Required	18.00	Not Required	20.80	
802.11n-HT40 MCS0	38	5190	16.04	17.50	16.17	18.00	19.12	20.80	100.00
	46	5230	16.12	18.00	16.26	18.00	19.20	21.00	
802.11ac-VHT20 MCS0	36	5180	Not Required	17.50	Not Required	18.00	Not Required	20.80	Not Required
	40	5200	Not Required	17.50	Not Required	18.00	Not Required	20.80	
	44	5220	Not Required	17.50	Not Required	18.00	Not Required	20.80	
	48	5240	Not Required	17.50	Not Required	18.00	Not Required	20.80	
802.11ac-VHT40 MCS0	38	5190	Not Required	17.50	Not Required	18.00	Not Required	20.80	Not Required
	46	5230	Not Required	17.50	Not Required	18.00	Not Required	20.80	
802.11ac-VHT80 MCS0	42	5210	Not Required	17.50	Not Required	18.00	Not Required	20.80	Not Required
802.11ax-HE20 MCS0	36	5180	Not Required	17.50	Not Required	18.00	Not Required	20.80	Not Required
	40	5200	Not Required	17.50	Not Required	18.00	Not Required	20.80	



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	44	5220	Not Required	17.50	Not Required	18.00	Not Required	20.80	
	48	5240	Not Required	17.50	Not Required	18.00	Not Required	20.80	
802.11ax-HE40 MCS0	38	5190	Not Required	17.50	Not Required	18.00	Not Required	20.80	Not Required
	46	5230	Not Required	17.50	Not Required	18.00	Not Required	20.80	
802.11ax-HE80 MCS0	42	5210	Not Required	17.50	Not Required	18.00	Not Required	20.80	Not Required
	36	5180	Not Required	17.50	Not Required	18.00	Not Required	20.80	
802.11be-EHT20 MCS0	40	5200	Not Required	17.50	Not Required	18.00	Not Required	20.80	Not Required
	44	5220	Not Required	17.50	Not Required	18.00	Not Required	20.80	
	48	5240	Not Required	17.50	Not Required	18.00	Not Required	20.80	
802.11be-EHT40 MCS0	38	5190	Not Required	17.50	Not Required	18.00	Not Required	20.80	Not Required
	46	5230	Not Required	17.50	Not Required	18.00	Not Required	20.80	
802.11be-EHT80 MCS0	42	5210	Not Required	17.50	Not Required	18.00	Not Required	20.80	Not Required

【5.2GHz WLAN_Ant 6+1_DSI 12】

Mode	Channel	Frequency (MHz)	Ant 6+1(6)		Ant 6+1(1)		Ant 6+1		Duty Cycle %
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	
802.11a 6Mbps	36	5180	Not Required	9.50	Not Required	9.50	Not Required	12.50	Not Required
	40	5200	Not Required	9.50	Not Required	9.50	Not Required	12.50	
	44	5220	Not Required	9.50	Not Required	9.50	Not Required	12.50	
	48	5240	Not Required	9.50	Not Required	9.50	Not Required	12.50	
802.11n-HT20 MCS0	36	5180	Not Required	9.50	Not Required	9.50	Not Required	12.50	Not Required
	40	5200	Not Required	9.50	Not Required	9.50	Not Required	12.50	
	44	5220	Not Required	9.50	Not Required	9.50	Not Required	12.50	
	48	5240	Not Required	9.50	Not Required	9.50	Not Required	12.50	
802.11n-HT40 MCS0	38	5190	Not Required	9.50	Not Required	9.50	Not Required	12.50	Not Required
	46	5230	Not Required	9.50	Not Required	9.50	Not Required	12.50	
802.11ac-VHT20 MCS0	36	5180	Not Required	9.50	Not Required	9.50	Not Required	12.50	Not Required
	40	5200	Not Required	9.50	Not Required	9.50	Not Required	12.50	
	44	5220	Not Required	9.50	Not Required	9.50	Not Required	12.50	
	48	5240	Not Required	9.50	Not Required	9.50	Not Required	12.50	
802.11ac-VHT40 MCS0	38	5190	Not Required	9.50	Not Required	9.50	Not Required	12.50	Not Required
	46	5230	Not Required	9.50	Not Required	9.50	Not Required	12.50	
802.11ac-VHT80 MCS0	42	5210	7.73	9.50	7.91	9.50	10.83	12.50	100.00
802.11ax-HE20 MCS0	36	5180	Not Required	9.50	Not Required	9.50	Not Required	12.50	Not Required
	40	5200	Not Required	9.50	Not Required	9.50	Not Required	12.50	
	44	5220	Not Required	9.50	Not Required	9.50	Not Required	12.50	
	48	5240	Not Required	9.50	Not Required	9.50	Not Required	12.50	
802.11ax-HE40 MCS0	38	5190	Not Required	9.50	Not Required	9.50	Not Required	12.50	Not Required
	46	5230	Not Required	9.50	Not Required	9.50	Not Required	12.50	
802.11ax-HE80 MCS0	42	5210	Not Required	9.50	Not Required	9.50	Not Required	12.50	Not Required
	36	5180	Not Required	9.50	Not Required	9.50	Not Required	12.50	
802.11be-EHT20 MCS0	40	5200	Not Required	9.50	Not Required	9.50	Not Required	12.50	Not Required
	44	5220	Not Required	9.50	Not Required	9.50	Not Required	12.50	
	48	5240	Not Required	9.50	Not Required	9.50	Not Required	12.50	
802.11be-EHT40 MCS0	38	5190	Not Required	9.50	Not Required	9.50	Not Required	12.50	Not Required
	46	5230	Not Required	9.50	Not Required	9.50	Not Required	12.50	
802.11be-EHT80 MCS0	42	5210	Not Required	9.50	Not Required	9.50	Not Required	12.50	Not Required

**[5.3GHz WLAN_Ant 6+1_Full Power]**

Mode	Channel	Frequency (MHz)	Ant 6+1(6)		Ant 6+1(1)		Ant 6+1		Duty Cycle %
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	
802.11a 6Mbps	52	5260	16.73	18.50	16.71	18.00	19.73	21.30	98.97
	56	5280	16.88	18.50	16.99	18.50	19.95	21.50	
	60	5300	16.34	18.00	16.46	18.00	19.41	21.00	
	64	5320	16.74	18.50	17.08	18.50	19.92	21.50	
802.11n-HT20 MCS0	52	5260	16.88	18.50	17.05	18.50	19.98	21.50	100.00
	56	5280	16.98	18.50	17.27	19.00	20.14	21.80	
	60	5300	16.57	18.00	16.63	18.00	19.61	21.00	
	64	5320	16.97	18.50	17.17	18.50	20.08	21.50	
802.11n-HT40 MCS0	54	5270	19.68	21.00	19.63	21.00	22.67	24.00	100.00
	62	5310	19.26	21.00	19.23	21.00	22.26	24.00	
802.11ac-VHT20 MCS0	52	5260	16.92	18.50	17.13	18.50	20.04	21.50	100.00
	56	5280	17.06	18.50	17.32	19.00	20.20	21.80	
	60	5300	16.62	18.00	16.69	18.00	19.67	21.00	
	64	5320	17.03	18.50	17.25	19.00	20.15	21.80	
802.11ac-VHT40 MCS0	54	5270	19.75	21.50	19.67	21.00	22.72	24.30	100.00
	62	5310	19.32	21.00	19.28	21.00	22.31	24.00	
802.11ac-VHT80 MCS0	58	5290	19.51	21.00	19.44	21.00	22.49	24.00	100.00
802.11ac-VHT160 MCS0	50	5250	18.21	19.50	18.42	20.00	21.33	22.80	100.00
802.11ax-HE20 MCS0	52	5260	16.98	18.50	17.19	18.50	20.10	21.50	100.00
	56	5280	17.14	18.50	17.38	19.00	20.27	21.80	
	60	5300	16.70	18.00	16.74	18.00	19.73	21.00	
	64	5320	17.09	18.50	17.31	19.00	20.21	21.80	
802.11ax-HE40 MCS0	54	5270	19.79	21.00	19.75	21.00	22.78	24.00	100.00
	62	5310	19.37	21.00	19.32	21.00	22.36	24.00	
802.11ax-HE80 MCS0	58	5290	19.57	21.00	19.52	21.00	22.56	24.00	100.00
802.11ax-HE160 MCS0	50	5250	18.27	19.50	18.47	20.00	21.38	22.80	100.00
802.11be-EHT20 MCS0	52	5260	17.02	18.50	17.23	18.50	20.14	21.50	100.00
	56	5280	17.18	18.50	17.46	19.00	20.33	21.80	
	60	5300	16.75	18.00	16.81	18.50	19.79	21.30	
	64	5320	17.16	18.50	17.38	19.00	20.28	21.80	
802.11be-EHT40 MCS0	54	5270	19.84	21.00	19.81	21.50	22.84	24.30	100.00
	62	5310	19.42	21.00	19.38	21.00	22.41	24.00	
802.11be-EHT80 MCS0	58	5290	19.61	21.00	19.58	21.00	22.61	24.00	100.00
802.11be-EHT160 MCS0	50	5250	18.35	20.00	18.51	20.00	21.44	23.00	100.00

[5.3GHz WLAN_Ant 6+1_DSI 2]

Mode	Channel	Frequency (MHz)	Ant 6+1(6)		Ant 6+1(1)		Ant 6+1		Duty Cycle %
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	
802.11a 6Mbps	52	5260	16.73	18.50	16.71	18.00	19.73	21.50	98.97
	56	5280	16.88	18.50	16.99	18.50	19.95	21.50	
	60	5300	16.34	18.00	16.46	18.00	19.41	21.00	
	64	5320	16.74	18.50	17.08	18.50	19.92	21.50	
802.11n-HT20 MCS0	52	5260	16.88	18.50	17.05	18.50	19.98	21.50	100.00
	56	5280	16.98	18.50	17.27	19.00	20.14	22.00	
	60	5300	16.57	18.00	16.63	18.00	19.61	21.00	
	64	5320	16.97	18.50	17.17	18.50	20.08	21.50	
802.11n-HT40 MCS0	54	5270	19.68	21.00	19.63	21.00	22.67	24.00	100.00
	62	5310	19.26	21.00	19.23	21.00	22.26	24.00	
802.11ac-VHT20 MCS0	52	5260	16.92	18.50	17.13	18.50	20.04	21.50	100.00
	56	5280	17.06	18.50	17.32	19.00	20.20	22.00	
	60	5300	16.62	18.00	16.69	18.00	19.67	21.00	
	64	5320	17.03	18.50	17.25	19.00	20.15	22.00	
802.11ac-VHT40 MCS0	54	5270	19.75	21.50	19.67	21.00	22.72	24.50	100.00
	62	5310	19.32	21.00	19.28	21.00	22.31	24.00	
802.11ac-VHT80 MCS0	58	5290	19.51	21.00	19.44	21.00	22.49	24.00	100.00
802.11ac-VHT160 MCS0	50	5250	18.21	19.50	18.42	20.00	21.33	23.00	100.00
802.11ax-HE20 MCS0	52	5260	16.98	18.50	17.19	18.50	20.10	21.50	100.00
	56	5280	17.14	18.50	17.38	19.00	20.27	22.00	
	60	5300	16.70	18.00	16.74	18.00	19.73	21.00	
	64	5320	17.09	18.50	17.31	19.00	20.21	22.00	
802.11ax-HE40 MCS0	54	5270	19.79	21.00	19.75	21.00	22.78	24.00	100.00
	62	5310	19.37	21.00	19.32	21.00	22.36	24.00	
802.11ax-HE80 MCS0	58	5290	19.57	21.00	19.52	21.00	22.56	24.00	100.00
802.11ax-HE160 MCS0	50	5250	18.27	19.50	18.47	20.00	21.38	23.00	100.00



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802.11be-EHT20 MCS0	52	5260	17.02	18.50	17.23	18.50	20.14	21.50	100.00
	56	5280	17.18	18.50	17.46	19.00	20.33	22.00	
	60	5300	16.75	18.00	16.81	18.50	19.79	21.50	
	64	5320	17.16	18.50	17.38	19.00	20.28	22.00	
802.11be-EHT40 MCS0	54	5270	19.84	21.00	19.81	21.50	22.84	24.50	100.00
	62	5310	19.42	21.00	19.38	21.00	22.41	24.00	
802.11be-EHT80 MCS0	58	5290	19.61	21.00	19.58	21.00	22.61	24.00	100.00
802.11be-EHT160 MCS0	50	5250	18.35	20.00	18.51	20.00	21.44	23.00	100.00

【5.3GHz WLAN_Ant 6+1_DSI 7】

Mode	Channel	Frequency (MHz)	Ant 6+1(6)		Ant 6+1(1)		Ant 6+1		Duty Cycle %
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	
802.11a 6Mbps	52	5260	16.73	18.50	16.71	18.00	19.73	21.30	98.97
	56	5280	16.88	18.50	16.99	18.50	19.95	21.50	
	60	5300	16.34	18.00	16.46	18.00	19.41	21.00	
	64	5320	16.74	18.50	17.08	18.50	19.92	21.50	
802.11n-HT20 MCS0	52	5260	16.88	18.50	17.05	18.50	19.98	21.50	100.00
	56	5280	16.98	18.50	17.27	19.00	20.14	21.80	
	60	5300	16.57	18.00	16.63	18.00	19.61	21.00	
	64	5320	16.97	18.50	17.17	18.50	20.08	21.50	
802.11n-HT40 MCS0	54	5270	19.68	21.00	19.63	21.00	22.67	24.00	100.00
	62	5310	19.26	21.00	19.23	21.00	22.26	24.00	
802.11ac-VHT20 MCS0	52	5260	16.92	18.50	17.13	18.50	20.04	21.50	100.00
	56	5280	17.06	18.50	17.32	19.00	20.20	21.80	
	60	5300	16.62	18.00	16.69	18.00	19.67	21.00	
	64	5320	17.03	18.50	17.25	19.00	20.15	21.80	
802.11ac-VHT40 MCS0	54	5270	19.75	21.50	19.67	21.00	22.72	24.30	100.00
	62	5310	19.32	21.00	19.28	21.00	22.31	24.00	
802.11ac-VHT80 MCS0	58	5290	19.51	21.00	19.44	21.00	22.49	24.00	100.00
802.11ac-VHT160 MCS0	50	5250	18.21	19.50	18.42	20.00	21.33	22.80	100.00
802.11ax-HE20 MCS0	52	5260	16.98	18.50	17.19	18.50	20.10	21.50	100.00
	56	5280	17.14	18.50	17.38	19.00	20.27	21.80	
	60	5300	16.70	18.00	16.74	18.00	19.73	21.00	
	64	5320	17.09	18.50	17.31	19.00	20.21	21.80	
802.11ax-HE40 MCS0	54	5270	19.79	21.00	19.75	21.00	22.78	24.00	100.00
	62	5310	19.37	21.00	19.32	21.00	22.36	24.00	
802.11ax-HE80 MCS0	58	5290	19.57	21.00	19.52	21.00	22.56	24.00	100.00
802.11ax-HE160 MCS0	50	5250	18.27	19.50	18.47	20.00	21.38	22.80	100.00
802.11be-EHT20 MCS0	52	5260	17.02	18.50	17.23	18.50	20.14	21.50	100.00
	56	5280	17.18	18.50	17.46	19.00	20.33	21.80	
	60	5300	16.75	18.00	16.81	18.50	19.79	21.30	
	64	5320	17.16	18.50	17.38	19.00	20.28	21.80	
802.11be-EHT40 MCS0	54	5270	19.84	21.00	19.81	21.50	22.84	24.30	100.00
	62	5310	19.42	21.00	19.38	21.00	22.41	24.00	
802.11be-EHT80 MCS0	58	5290	19.61	21.00	19.58	21.00	22.61	24.00	100.00
802.11be-EHT160 MCS0	50	5250	18.35	20.00	18.51	20.00	21.44	23.00	100.00

【5.3GHz WLAN_Ant 6+1_DSI 3】

Mode	Channel	Frequency (MHz)	Ant 6+1(6)		Ant 6+1(1)		Ant 6+1		Duty Cycle %
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	
802.11a 6Mbps	52	5260	Not Required	17.50	Not Required	17.50	Not Required	20.50	Not Required
	56	5280	Not Required	17.50	Not Required	17.50	Not Required	20.50	
	60	5300	Not Required	17.50	Not Required	17.50	Not Required	20.50	
	64	5320	Not Required	17.50	Not Required	17.50	Not Required	20.50	
802.11n-HT20 MCS0	52	5260	Not Required	17.50	Not Required	17.50	Not Required	20.50	Not Required
	56	5280	Not Required	17.50	Not Required	17.50	Not Required	20.50	
	60	5300	Not Required	17.50	Not Required	17.50	Not Required	20.50	
	64	5320	Not Required	17.50	Not Required	17.50	Not Required	20.50	
802.11n-HT40 MCS0	54	5270	Not Required	17.50	Not Required	17.50	Not Required	20.50	Not Required
	62	5310	Not Required	17.50	Not Required	17.50	Not Required	20.50	
802.11ac-VHT20 MCS0	52	5260	Not Required	17.50	Not Required	17.50	Not Required	20.50	Not Required
	56	5280	Not Required	17.50	Not Required	17.50	Not Required	20.50	
	60	5300	Not Required	17.50	Not Required	17.50	Not Required	20.50	
	64	5320	Not Required	17.50	Not Required	17.50	Not Required	20.50	
802.11ac-VHT40 MCS0	54	5270	Not Required	17.50	Not Required	17.50	Not Required	20.50	Not Required
	62	5310	Not Required	17.50	Not Required	17.50	Not Required	20.50	
802.11ac-VHT80 MCS0	58	5290	Not Required	17.50	Not Required	17.50	Not Required	20.50	Not Required
802.11ac-VHT160 MCS0	50	5250	16.71	17.50	16.42	17.50	19.58	20.50	100.00



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802.11ax-HE20 MCS0	52	5260	Not Required	17.50	Not Required	17.50	Not Required	20.50	Not Required
	56	5280	Not Required	17.50	Not Required	17.50	Not Required	20.50	
	60	5300	Not Required	17.50	Not Required	17.50	Not Required	20.50	
	64	5320	Not Required	17.50	Not Required	17.50	Not Required	20.50	
802.11ax-HE40 MCS0	54	5270	Not Required	17.50	Not Required	17.50	Not Required	20.50	Not Required
	62	5310	Not Required	17.50	Not Required	17.50	Not Required	20.50	
802.11ax-HE80 MCS0	58	5290	Not Required	17.50	Not Required	17.50	Not Required	20.50	Not Required
802.11ax-HE160 MCS0	50	5250	Not Required	17.50	Not Required	17.50	Not Required	20.50	Not Required
802.11be-EHT20 MCS0	52	5260	Not Required	17.50	Not Required	17.50	Not Required	20.50	Not Required
	56	5280	Not Required	17.50	Not Required	17.50	Not Required	20.50	
	60	5300	Not Required	17.50	Not Required	17.50	Not Required	20.50	
	64	5320	Not Required	17.50	Not Required	17.50	Not Required	20.50	
802.11be-EHT40 MCS0	54	5270	Not Required	17.50	Not Required	17.50	Not Required	20.50	Not Required
	62	5310	Not Required	17.50	Not Required	17.50	Not Required	20.50	
802.11be-EHT80 MCS0	58	5290	Not Required	17.50	Not Required	17.50	Not Required	20.50	Not Required
802.11be-EHT160 MCS0	50	5250	Not Required	17.50	Not Required	17.50	Not Required	20.50	Not Required

[5.3GHz WLAN_Ant 6+1_DSI 6]

Mode	Channel	Frequency (MHz)	Ant 6+1(6)		Ant 6+1(1)		Ant 6+1		Duty Cycle %
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	
802.11a 6Mbps	52	5260	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	56	5280	Not Required	18.00	Not Required	18.00	Not Required	21.00	
	60	5300	Not Required	18.00	Not Required	18.00	Not Required	21.00	
	64	5320	Not Required	18.00	Not Required	18.00	Not Required	21.00	
802.11n-HT20 MCS0	52	5260	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	56	5280	Not Required	18.00	Not Required	18.00	Not Required	21.00	
	60	5300	Not Required	18.00	Not Required	18.00	Not Required	21.00	
	64	5320	Not Required	18.00	Not Required	18.00	Not Required	21.00	
802.11n-HT40 MCS0	54	5270	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	62	5310	Not Required	18.00	Not Required	18.00	Not Required	21.00	
802.11ac-VHT20 MCS0	52	5260	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	56	5280	Not Required	18.00	Not Required	18.00	Not Required	21.00	
	60	5300	Not Required	18.00	Not Required	18.00	Not Required	21.00	
	64	5320	Not Required	18.00	Not Required	18.00	Not Required	21.00	
802.11ac-VHT40 MCS0	54	5270	16.75	18.50	16.67	18.00	19.72	21.50	100.00
	62	5310	16.32	18.00	16.28	18.00	19.31	21.00	
802.11ac-VHT80 MCS0	58	5290	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
802.11ac-VHT160 MCS0	50	5250	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
802.11ax-HE20 MCS0	52	5260	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	56	5280	Not Required	18.00	Not Required	18.00	Not Required	21.00	
	60	5300	Not Required	18.00	Not Required	18.00	Not Required	21.00	
	64	5320	Not Required	18.00	Not Required	18.00	Not Required	21.00	
802.11ax-HE40 MCS0	54	5270	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	62	5310	Not Required	18.00	Not Required	18.00	Not Required	21.00	
802.11ax-HE80 MCS0	58	5290	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
802.11ax-HE160 MCS0	50	5250	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
802.11be-EHT20 MCS0	52	5260	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	56	5280	Not Required	18.00	Not Required	18.00	Not Required	21.00	
	60	5300	Not Required	18.00	Not Required	18.00	Not Required	21.00	
	64	5320	Not Required	18.00	Not Required	18.00	Not Required	21.00	
802.11be-EHT40 MCS0	54	5270	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	62	5310	Not Required	18.00	Not Required	18.00	Not Required	21.00	
802.11be-EHT80 MCS0	58	5290	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
802.11be-EHT160 MCS0	50	5250	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required

[5.3GHz WLAN_Ant 6+1_DSI 4]

Mode	Channel	Frequency (MHz)	Ant 6+1(6)		Ant 6+1(1)		Ant 6+1		Duty Cycle %
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	
802.11a 6Mbps	52	5260	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	56	5280	Not Required	18.00	Not Required	18.00	Not Required	21.00	
	60	5300	Not Required	18.00	Not Required	18.00	Not Required	21.00	
	64	5320	Not Required	18.00	Not Required	18.00	Not Required	21.00	
802.11n-HT20 MCS0	52	5260	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	56	5280	Not Required	18.00	Not Required	18.00	Not Required	21.00	
	60	5300	Not Required	18.00	Not Required	18.00	Not Required	21.00	
	64	5320	Not Required	18.00	Not Required	18.00	Not Required	21.00	
802.11n-HT40 MCS0	54	5270	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	62	5310	Not Required	18.00	Not Required	18.00	Not Required	21.00	



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802.11ac-VHT20 MCS0	52	5260	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	56	5280	Not Required	18.00	Not Required	18.00	Not Required	21.00	
	60	5300	Not Required	18.00	Not Required	18.00	Not Required	21.00	
	64	5320	Not Required	18.00	Not Required	18.00	Not Required	21.00	
802.11ac-VHT40 MCS0	54	5270	16.75	18.50	16.67	18.00	19.72	21.50	100.00
	62	5310	16.32	18.00	16.28	18.00	19.31	21.00	
802.11ac-VHT80 MCS0	58	5290	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
802.11ac-VHT160 MCS0	50	5250	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
802.11ax-HE20 MCS0	52	5260	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	56	5280	Not Required	18.00	Not Required	18.00	Not Required	21.00	
	60	5300	Not Required	18.00	Not Required	18.00	Not Required	21.00	
	64	5320	Not Required	18.00	Not Required	18.00	Not Required	21.00	
802.11ax-HE40 MCS0	54	5270	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	62	5310	Not Required	18.00	Not Required	18.00	Not Required	21.00	
802.11ax-HE80 MCS0	58	5290	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
802.11ax-HE160 MCS0	50	5250	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
802.11be-EHT20 MCS0	52	5260	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	56	5280	Not Required	18.00	Not Required	18.00	Not Required	21.00	
	60	5300	Not Required	18.00	Not Required	18.00	Not Required	21.00	
	64	5320	Not Required	18.00	Not Required	18.00	Not Required	21.00	
802.11be-EHT40 MCS0	54	5270	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	62	5310	Not Required	18.00	Not Required	18.00	Not Required	21.00	
802.11be-EHT80 MCS0	58	5290	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
802.11be-EHT160 MCS0	50	5250	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required

【5.3GHz WLAN_Ant 6+1_DSI 12】

Mode	Channel	Frequency (MHz)	Ant 6+1(6)		Ant 6+1(1)		Ant 6+1		Duty Cycle %
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	
802.11a 6Mbps	52	5260	Not Required	9.50	Not Required	9.50	Not Required	12.50	Not Required
	56	5280	Not Required	9.50	Not Required	9.50	Not Required	12.50	
	60	5300	Not Required	9.50	Not Required	9.50	Not Required	12.50	
	64	5320	Not Required	9.50	Not Required	9.50	Not Required	12.50	
802.11n-HT20 MCS0	52	5260	Not Required	9.50	Not Required	9.50	Not Required	12.50	Not Required
	56	5280	Not Required	9.50	Not Required	9.50	Not Required	12.50	
	60	5300	Not Required	9.50	Not Required	9.50	Not Required	12.50	
	64	5320	Not Required	9.50	Not Required	9.50	Not Required	12.50	
802.11n-HT40 MCS0	54	5270	Not Required	9.50	Not Required	9.50	Not Required	12.50	Not Required
	62	5310	Not Required	9.50	Not Required	9.50	Not Required	12.50	
802.11ac-VHT20 MCS0	52	5260	Not Required	9.50	Not Required	9.50	Not Required	12.50	Not Required
	56	5280	Not Required	9.50	Not Required	9.50	Not Required	12.50	
	60	5300	Not Required	9.50	Not Required	9.50	Not Required	12.50	
	64	5320	Not Required	9.50	Not Required	9.50	Not Required	12.50	
802.11ac-VHT40 MCS0	54	5270	Not Required	9.50	Not Required	9.50	Not Required	12.50	Not Required
	62	5310	Not Required	9.50	Not Required	9.50	Not Required	12.50	
802.11ac-VHT80 MCS0	58	5290	Not Required	9.50	Not Required	9.50	Not Required	12.50	Not Required
802.11ac-VHT160 MCS0	50	5250	7.82	9.50	7.98	9.50	10.91	12.50	100.00
802.11ax-HE20 MCS0	52	5260	Not Required	9.50	Not Required	9.50	Not Required	12.50	Not Required
	56	5280	Not Required	9.50	Not Required	9.50	Not Required	12.50	
	60	5300	Not Required	9.50	Not Required	9.50	Not Required	12.50	
	64	5320	Not Required	9.50	Not Required	9.50	Not Required	12.50	
802.11ax-HE40 MCS0	54	5270	Not Required	9.50	Not Required	9.50	Not Required	12.50	Not Required
	62	5310	Not Required	9.50	Not Required	9.50	Not Required	12.50	
802.11ax-HE80 MCS0	58	5290	Not Required	9.50	Not Required	9.50	Not Required	12.50	Not Required
802.11ax-HE160 MCS0	50	5250	Not Required	9.50	Not Required	9.50	Not Required	12.50	Not Required
802.11be-EHT20 MCS0	52	5260	Not Required	9.50	Not Required	9.50	Not Required	12.50	Not Required
	56	5280	Not Required	9.50	Not Required	9.50	Not Required	12.50	
	60	5300	Not Required	9.50	Not Required	9.50	Not Required	12.50	
	64	5320	Not Required	9.50	Not Required	9.50	Not Required	12.50	
802.11be-EHT40 MCS0	54	5270	Not Required	9.50	Not Required	9.50	Not Required	12.50	Not Required
	62	5310	Not Required	9.50	Not Required	9.50	Not Required	12.50	
802.11be-EHT80 MCS0	58	5290	Not Required	9.50	Not Required	9.50	Not Required	12.50	Not Required
802.11be-EHT160 MCS0	50	5250	Not Required	9.50	Not Required	9.50	Not Required	12.50	Not Required

**[5.5GHz WLAN_Ant 6+1_Full Power]**

Mode	Channel	Frequency (MHz)	Ant 6+1(6)		Ant 6+1(1)		Ant 6+1		Duty Cycle %
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	
802.11a 6Mbps	100	5500	16.66	18.00	16.61	18.00	19.65	21.00	100.00
	116	5580	16.68	18.00	16.47	18.00	19.59	21.00	
	124	5620	16.70	18.00	16.46	18.00	19.59	21.00	
	132	5660	16.60	18.00	16.52	18.00	19.57	21.00	
	144	5720	16.74	18.00	16.70	18.00	19.73	21.00	
802.11n-HT20 MCS0	100	5500	16.87	18.50	16.86	18.50	19.88	21.50	100.00
	116	5580	16.88	18.50	16.85	18.50	19.88	21.50	
	124	5620	16.83	18.50	16.62	18.00	19.74	21.30	
	132	5660	16.63	18.00	16.80	18.50	19.73	21.30	
	144	5720	16.99	18.50	16.90	18.50	19.96	21.50	
802.11n-HT40 MCS0	102	5510	19.70	21.00	19.32	21.00	22.52	24.00	100.00
	110	5550	19.70	21.00	19.21	20.50	22.47	23.80	
	126	5630	19.37	21.00	19.21	20.50	22.30	23.80	
	134	5670	19.42	21.00	19.31	21.00	22.38	24.00	
	142	5710	19.52	21.00	19.43	21.00	22.49	24.00	
802.11ac-VHT20 MCS0	100	5500	16.92	18.50	16.91	18.50	19.93	21.50	100.00
	116	5580	16.94	18.50	16.90	18.50	19.93	21.50	
	124	5620	16.90	18.50	16.70	18.00	19.81	21.30	
	132	5660	16.70	18.00	16.84	18.50	19.78	21.30	
	144	5720	17.04	18.50	16.97	18.50	20.02	21.50	
802.11ac-VHT40 MCS0	102	5510	19.74	21.00	19.39	21.00	22.58	24.00	100.00
	110	5550	19.74	21.00	19.28	21.00	22.53	24.00	
	126	5630	19.45	21.00	19.26	21.00	22.37	24.00	
	134	5670	19.46	21.00	19.35	21.00	22.42	24.00	
	142	5710	19.57	21.00	19.48	21.00	22.54	24.00	
802.11ac-VHT80 MCS0	106	5530	18.87	19.00	18.92	19.00	21.91	22.00	100.00
	122	5610	19.55	21.00	19.13	20.50	22.36	23.80	
	138	5690	19.59	21.00	19.39	21.00	22.50	24.00	
802.11ac-VHT160 MCS0	114	5570	18.76	20.50	18.38	20.00	21.58	23.30	100.00
802.11ax-HE20 MCS0	100	5500	16.97	18.50	16.95	18.50	19.97	21.50	100.00
	116	5580	17.00	18.50	16.98	18.50	20.00	21.50	
	124	5620	16.98	18.50	16.77	18.50	19.89	21.50	
	132	5660	16.77	18.50	16.89	18.50	19.84	21.50	
	144	5720	17.09	18.50	17.02	18.50	20.07	21.50	
802.11ax-HE40 MCS0	102	5510	19.79	21.00	19.43	21.00	22.62	24.00	100.00
	110	5550	19.80	21.00	19.32	21.00	22.58	24.00	
	126	5630	19.53	21.00	19.32	21.00	22.44	24.00	
	134	5670	19.52	21.00	19.39	21.00	22.47	24.00	
	142	5710	19.65	21.00	19.55	21.00	22.61	24.00	
802.11ax-HE80 MCS0	106	5530	18.99	19.00	18.97	19.00	21.99	22.00	100.00
	122	5610	19.61	21.00	19.21	20.50	22.42	23.80	
	138	5690	19.66	21.00	19.45	21.00	22.57	24.00	
802.11ax-HE160 MCS0	114	5570	18.80	20.50	18.45	20.00	21.64	23.30	100.00
802.11be-EHT20 MCS0	100	5500	17.05	18.50	17.00	18.50	20.04	21.50	100.00
	116	5580	17.05	18.50	17.02	18.50	20.05	21.50	
	124	5620	17.02	18.50	16.85	18.50	19.95	21.50	
	132	5660	16.84	18.50	16.94	18.50	19.90	21.50	
	144	5720	17.16	18.50	17.08	18.50	20.13	21.50	
802.11be-EHT40 MCS0	102	5510	19.84	21.00	19.47	21.00	22.67	24.00	100.00
	110	5550	19.87	21.00	19.37	21.00	22.64	24.00	
	126	5630	19.61	21.00	19.39	21.00	22.51	24.00	
	134	5670	19.58	21.00	19.44	21.00	22.52	24.00	
	142	5710	19.69	21.00	19.63	21.00	22.67	24.00	
802.11be-EHT80 MCS0	106	5530	18.97	19.00	18.99	19.00	21.99	22.00	100.00
	122	5610	19.68	21.00	19.29	21.00	22.50	24.00	
	138	5690	19.71	21.00	19.53	21.00	22.63	24.00	
802.11be-EHT160 MCS0	114	5570	18.86	20.50	18.52	20.00	21.70	23.30	100.00

[5.5GHz WLAN_Ant 6+1_DSI 2]

Mode	Channel	Frequency (MHz)	Ant 6+1(6)		Ant 6+1(1)		Ant 6+1		Duty Cycle %
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	
802.11a 6Mbps	100	5500	16.66	18.00	16.61	18.00	19.65	21.00	100.00
	116	5580	16.68	18.00	16.47	18.00	19.59	21.00	
	124	5620	16.70	18.00	16.46	18.00	19.59	21.00	
	132	5660	16.60	18.00	16.52	18.00	19.57	21.00	



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802.11n-HT20 MCS0	144	5720	16.74	18.00	16.70	18.00	19.73	21.00	100.00
	100	5500	16.87	18.50	16.86	18.50	19.88	21.50	
	116	5580	16.88	18.50	16.85	18.50	19.88	21.50	
	124	5620	16.83	18.50	16.62	18.00	19.74	21.30	
	132	5660	16.63	18.00	16.80	18.50	19.73	21.30	
802.11n-HT40 MCS0	144	5720	16.99	18.50	16.90	18.50	19.96	21.50	100.00
	102	5510	19.70	21.00	19.32	21.00	22.52	24.00	
	110	5550	19.70	21.00	19.21	20.50	22.47	23.80	
	126	5630	19.37	21.00	19.21	20.50	22.30	23.80	
	134	5670	19.42	21.00	19.31	21.00	22.38	24.00	
802.11ac-VHT20 MCS0	142	5710	19.52	21.00	19.43	21.00	22.49	24.00	100.00
	100	5500	16.92	18.50	16.91	18.50	19.93	21.50	
	116	5580	16.94	18.50	16.90	18.50	19.93	21.50	
	124	5620	16.90	18.50	16.70	18.00	19.81	21.30	
	132	5660	16.70	18.00	16.84	18.50	19.78	21.30	
802.11ac-VHT40 MCS0	144	5720	17.04	18.50	16.97	18.50	20.02	21.50	100.00
	102	5510	19.74	21.00	19.39	21.00	22.58	24.00	
	110	5550	19.74	21.00	19.28	21.00	22.53	24.00	
	126	5630	19.45	21.00	19.26	21.00	22.37	24.00	
	134	5670	19.46	21.00	19.35	21.00	22.42	24.00	
802.11ac-VHT80 MCS0	142	5710	19.57	21.00	19.48	21.00	22.54	24.00	100.00
	106	5530	18.87	19.00	18.92	19.00	21.91	22.00	
	122	5610	19.55	21.00	19.13	20.50	22.36	23.80	
802.11ac-VHT160 MCS0	138	5690	19.59	21.00	19.39	21.00	22.50	24.00	100.00
	114	5570	18.76	20.50	18.38	20.00	21.58	23.30	
802.11ax-HE20 MCS0	100	5500	16.97	18.50	16.95	18.50	19.97	21.50	100.00
	116	5580	17.00	18.50	16.98	18.50	20.00	21.50	
	124	5620	16.98	18.50	16.77	18.50	19.89	21.50	
	132	5660	16.77	18.50	16.89	18.50	19.84	21.50	
	144	5720	17.09	18.50	17.02	18.50	20.07	21.50	
802.11ax-HE40 MCS0	102	5510	19.79	21.00	19.43	21.00	22.62	24.00	100.00
	110	5550	19.80	21.00	19.32	21.00	22.58	24.00	
	126	5630	19.53	21.00	19.32	21.00	22.44	24.00	
	134	5670	19.52	21.00	19.39	21.00	22.47	24.00	
	142	5710	19.65	21.00	19.55	21.00	22.61	24.00	
802.11ax-HE80 MCS0	106	5530	18.99	19.00	18.97	19.00	21.99	22.00	100.00
	122	5610	19.61	21.00	19.21	20.50	22.42	23.80	
	138	5690	19.66	21.00	19.45	21.00	22.57	24.00	
802.11ax-HE160 MCS0	114	5570	18.80	20.50	18.45	20.00	21.64	23.30	100.00
802.11be-EHT20 MCS0	100	5500	17.05	18.50	17.00	18.50	20.04	21.50	100.00
	116	5580	17.05	18.50	17.02	18.50	20.05	21.50	
	124	5620	17.02	18.50	16.85	18.50	19.95	21.50	
	132	5660	16.84	18.50	16.94	18.50	19.90	21.50	
	144	5720	17.16	18.50	17.08	18.50	20.13	21.50	
802.11be-EHT40 MCS0	102	5510	19.84	21.00	19.47	21.00	22.67	24.00	100.00
	110	5550	19.87	21.00	19.37	21.00	22.64	24.00	
	126	5630	19.61	21.00	19.39	21.00	22.51	24.00	
	134	5670	19.58	21.00	19.44	21.00	22.52	24.00	
	142	5710	19.69	21.00	19.63	21.00	22.67	24.00	
802.11be-EHT80 MCS0	106	5530	18.97	19.00	18.99	19.00	21.99	22.00	100.00
	122	5610	19.68	21.00	19.29	21.00	22.50	24.00	
	138	5690	19.71	21.00	19.53	21.00	22.63	24.00	
802.11be-EHT160 MCS0	114	5570	18.86	20.50	18.52	20.00	21.70	23.30	100.00

[5.5GHz WLAN_Ant 6+1_DSI 7]

Mode	Channel	Frequency (MHz)	Ant 6+1(6)		Ant 6+1(1)		Ant 6+1		Duty Cycle %
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	
802.11a 6Mbps	100	5500	16.66	18.00	16.61	18.00	19.65	21.00	100.00
	116	5580	16.68	18.00	16.47	18.00	19.59	21.00	
	124	5620	16.70	18.00	16.46	18.00	19.59	21.00	
	132	5660	16.60	18.00	16.52	18.00	19.57	21.00	
	144	5720	16.74	18.00	16.70	18.00	19.73	21.00	
802.11n-HT20 MCS0	100	5500	16.87	18.50	16.86	18.50	19.88	21.50	100.00
	116	5580	16.88	18.50	16.85	18.50	19.88	21.50	
	124	5620	16.83	18.50	16.62	18.00	19.74	21.30	
	132	5660	16.63	18.00	16.80	18.50	19.73	21.30	
	144	5720	16.99	18.50	16.90	18.50	19.96	21.50	
802.11n-HT40 MCS0	102	5510	19.70	21.00	19.32	21.00	22.52	24.00	100.00
	110	5550	19.70	21.00	19.21	20.50	22.47	23.80	
	126	5630	19.37	21.00	19.21	20.50	22.30	23.80	
	134	5670	19.42	21.00	19.31	21.00	22.38	24.00	



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802.11ac-VHT20 MCS0	142	5710	19.52	21.00	19.43	21.00	22.49	24.00	100.00
	100	5500	16.92	18.50	16.91	18.50	19.93	21.50	
	116	5580	16.94	18.50	16.90	18.50	19.93	21.50	
	124	5620	16.90	18.50	16.70	18.00	19.81	21.30	
	132	5660	16.70	18.00	16.84	18.50	19.78	21.30	
802.11ac-VHT40 MCS0	144	5720	17.04	18.50	16.97	18.50	20.02	21.50	100.00
	102	5510	19.74	21.50	19.39	21.00	22.58	24.30	
	110	5550	19.74	21.50	19.28	21.00	22.53	24.30	
	126	5630	19.45	21.00	19.26	21.00	22.37	24.00	
	134	5670	19.46	21.00	19.35	21.00	22.42	24.00	
802.11ac-VHT80 MCS0	142	5710	19.57	21.00	19.48	21.00	22.54	24.00	100.00
	106	5530	19.72	21.50	19.27	21.00	22.51	24.30	
	122	5610	19.55	21.00	19.13	20.50	22.36	23.80	
802.11ac-VHT160 MCS0	138	5690	19.59	21.00	19.39	21.00	22.50	24.00	100.00
	114	5570	18.76	20.50	18.38	20.00	21.58	23.30	
802.11ax-HE20 MCS0	100	5500	16.97	18.50	16.95	18.50	19.97	21.50	100.00
	116	5580	17.00	18.50	16.98	18.50	20.00	21.50	
	124	5620	16.98	18.50	16.77	18.50	19.89	21.50	
	132	5660	16.77	18.50	16.89	18.50	19.84	21.50	
	144	5720	17.09	18.50	17.02	18.50	20.07	21.50	
802.11ax-HE40 MCS0	102	5510	19.79	21.50	19.43	21.00	22.62	24.30	100.00
	110	5550	19.80	21.50	19.32	21.00	22.58	24.30	
	126	5630	19.53	21.00	19.32	21.00	22.44	24.00	
	134	5670	19.52	21.00	19.39	21.00	22.47	24.00	
	142	5710	19.65	21.00	19.55	21.00	22.61	24.00	
802.11ax-HE80 MCS0	106	5530	19.79	21.50	19.32	21.00	22.57	24.30	100.00
	122	5610	19.61	21.00	19.21	20.50	22.42	23.80	
	138	5690	19.66	21.00	19.45	21.00	22.57	24.00	
802.11ax-HE160 MCS0	114	5570	18.80	20.50	18.45	20.00	21.64	23.30	100.00
802.11be-EHT20 MCS0	100	5500	17.05	18.50	17.00	18.50	20.04	21.50	100.00
	116	5580	17.05	18.50	17.02	18.50	20.05	21.50	
	124	5620	17.02	18.50	16.85	18.50	19.95	21.50	
	132	5660	16.84	18.50	16.94	18.50	19.90	21.50	
	144	5720	17.16	18.50	17.08	18.50	20.13	21.50	
802.11be-EHT40 MCS0	102	5510	19.84	21.50	19.47	21.00	22.67	24.30	100.00
	110	5550	19.87	21.50	19.37	21.00	22.64	24.30	
	126	5630	19.61	21.00	19.39	21.00	22.51	24.00	
	134	5670	19.58	21.00	19.44	21.00	22.52	24.00	
	142	5710	19.69	21.00	19.63	21.00	22.67	24.00	
802.11be-EHT80 MCS0	106	5530	19.83	21.50	19.40	21.00	22.63	24.30	100.00
	122	5610	19.68	21.00	19.29	21.00	22.50	24.00	
	138	5690	19.71	21.00	19.53	21.00	22.63	24.00	
802.11be-EHT160 MCS0	114	5570	18.86	20.50	18.52	20.00	21.70	23.30	100.00

[5.5GHz WLAN_Ant 6+1_DSI 3]

Mode	Channel	Frequency (MHz)	Ant 6+1(6)		Ant 6+1(1)		Ant 6+1		Duty Cycle %
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	
802.11a 6Mbps	100	5500	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	116	5580	Not Required	18.00	Not Required	18.00	Not Required	21.00	
	124	5620	Not Required	18.00	Not Required	18.00	Not Required	21.00	
	132	5660	Not Required	18.00	Not Required	18.00	Not Required	21.00	
	144	5720	Not Required	18.00	Not Required	18.00	Not Required	21.00	
802.11n-HT20 MCS0	100	5500	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	116	5580	Not Required	18.00	Not Required	18.00	Not Required	21.00	
	124	5620	Not Required	18.00	Not Required	18.00	Not Required	21.00	
	132	5660	Not Required	18.00	Not Required	18.00	Not Required	21.00	
	144	5720	Not Required	18.00	Not Required	18.00	Not Required	21.00	
802.11n-HT40 MCS0	102	5510	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	110	5550	Not Required	18.00	Not Required	18.00	Not Required	21.00	
	126	5630	Not Required	18.00	Not Required	18.00	Not Required	21.00	
	134	5670	Not Required	18.00	Not Required	18.00	Not Required	21.00	
	142	5710	Not Required	18.00	Not Required	18.00	Not Required	21.00	
802.11ac-VHT20 MCS0	100	5500	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	116	5580	Not Required	18.00	Not Required	18.00	Not Required	21.00	
	124	5620	Not Required	18.00	Not Required	18.00	Not Required	21.00	
	132	5660	Not Required	18.00	Not Required	18.00	Not Required	21.00	
802.11ac-VHT40 MCS0	144	5720	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	102	5510	Not Required	18.00	Not Required	18.00	Not Required	21.00	
	110	5550	Not Required	18.00	Not Required	18.00	Not Required	21.00	
	126	5630	Not Required	18.00	Not Required	18.00	Not Required	21.00	
	134	5670	Not Required	18.00	Not Required	18.00	Not Required	21.00	



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802.11ac-VHT80 MCS0	142	5710	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	106	5530	Not Required	18.00	Not Required	18.00	Not Required	21.00	
	122	5610	Not Required	18.00	Not Required	18.00	Not Required	21.00	
	138	5690	Not Required	18.00	Not Required	18.00	Not Required	21.00	
802.11ac-VHT160 MCS0	114	5570	16.79	18.00	16.82	18.00	19.82	21.00	100.00
802.11ax-HE20 MCS0	100	5500	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	116	5580	Not Required	18.00	Not Required	18.00	Not Required	21.00	
	124	5620	Not Required	18.00	Not Required	18.00	Not Required	21.00	
	132	5660	Not Required	18.00	Not Required	18.00	Not Required	21.00	
802.11ax-HE40 MCS0	144	5720	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	102	5510	Not Required	18.00	Not Required	18.00	Not Required	21.00	
	110	5550	Not Required	18.00	Not Required	18.00	Not Required	21.00	
	126	5630	Not Required	18.00	Not Required	18.00	Not Required	21.00	
802.11ax-HE80 MCS0	134	5670	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	142	5710	Not Required	18.00	Not Required	18.00	Not Required	21.00	
	106	5530	Not Required	18.00	Not Required	18.00	Not Required	21.00	
	122	5610	Not Required	18.00	Not Required	18.00	Not Required	21.00	
802.11ax-HE160 MCS0	138	5690	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	114	5570	Not Required	18.00	Not Required	18.00	Not Required	21.00	
802.11be-EHT20 MCS0	100	5500	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	116	5580	Not Required	18.00	Not Required	18.00	Not Required	21.00	
	124	5620	Not Required	18.00	Not Required	18.00	Not Required	21.00	
	132	5660	Not Required	18.00	Not Required	18.00	Not Required	21.00	
802.11be-EHT40 MCS0	144	5720	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	102	5510	Not Required	18.00	Not Required	18.00	Not Required	21.00	
	110	5550	Not Required	18.00	Not Required	18.00	Not Required	21.00	
	126	5630	Not Required	18.00	Not Required	18.00	Not Required	21.00	
802.11be-EHT80 MCS0	134	5670	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	142	5710	Not Required	18.00	Not Required	18.00	Not Required	21.00	
	106	5530	Not Required	18.00	Not Required	18.00	Not Required	21.00	
	122	5610	Not Required	18.00	Not Required	18.00	Not Required	21.00	
802.11be-EHT160 MCS0	138	5690	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	114	5570	Not Required	18.00	Not Required	18.00	Not Required	21.00	

[5.5GHz WLAN_Ant 6+1_DSI 6]

Mode	Channel	Frequency (MHz)	Ant 6+1(6)		Ant 6+1(1)		Ant 6+1		Duty Cycle %
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	
802.11a 6Mbps	100	5500	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	116	5580	Not Required	18.00	Not Required	18.00	Not Required	21.00	
	124	5620	Not Required	18.00	Not Required	18.00	Not Required	21.00	
	132	5660	Not Required	18.00	Not Required	18.00	Not Required	21.00	
	144	5720	Not Required	18.00	Not Required	18.00	Not Required	21.00	
802.11n-HT20 MCS0	100	5500	Not Required	18.50	Not Required	18.50	Not Required	21.50	Not Required
	116	5580	Not Required	18.50	Not Required	18.50	Not Required	21.50	
	124	5620	Not Required	18.50	Not Required	18.00	Not Required	21.30	
	132	5660	Not Required	18.00	Not Required	18.50	Not Required	21.30	
802.11n-HT40 MCS0	144	5720	Not Required	18.50	Not Required	18.50	Not Required	21.50	Not Required
	102	5510	Not Required	19.00	Not Required	19.00	Not Required	22.00	
	110	5550	Not Required	19.00	Not Required	19.00	Not Required	22.00	
	126	5630	Not Required	19.00	Not Required	19.00	Not Required	22.00	
802.11ac-VHT20 MCS0	134	5670	Not Required	19.00	Not Required	19.00	Not Required	22.00	Not Required
	142	5710	Not Required	19.00	Not Required	19.00	Not Required	22.00	
	100	5500	Not Required	18.50	Not Required	18.50	Not Required	21.50	
	116	5580	Not Required	18.50	Not Required	18.50	Not Required	21.50	
802.11ac-VHT40 MCS0	124	5620	Not Required	18.50	Not Required	18.00	Not Required	21.30	Not Required
	132	5660	Not Required	18.00	Not Required	18.50	Not Required	21.30	
	144	5720	Not Required	18.50	Not Required	18.50	Not Required	21.50	
	102	5510	Not Required	19.00	Not Required	19.00	Not Required	22.00	
802.11ac-VHT80 MCS0	110	5550	Not Required	19.00	Not Required	19.00	Not Required	22.00	Not Required
	126	5630	Not Required	19.00	Not Required	19.00	Not Required	22.00	
	134	5670	Not Required	19.00	Not Required	19.00	Not Required	22.00	
	142	5710	Not Required	19.00	Not Required	19.00	Not Required	22.00	
802.11ac-VHT160 MCS0	106	5530	17.37	19.00	17.42	19.00	20.41	22.00	100.00
	122	5610	17.55	19.00	17.13	18.50	20.36	21.80	
	138	5690	17.59	19.00	17.39	19.00	20.50	22.00	
802.11ax-HE20 MCS0	114	5570	Not Required	19.00	Not Required	18.50	Not Required	21.80	Not Required
	100	5500	Not Required	18.50	Not Required	18.50	Not Required	21.50	
	116	5580	Not Required	18.50	Not Required	18.50	Not Required	21.50	
	124	5620	Not Required	18.50	Not Required	18.50	Not Required	21.50	
	132	5660	Not Required	18.50	Not Required	18.50	Not Required	21.50	
	144	5720	Not Required	18.50	Not Required	18.50	Not Required	21.50	Not Required



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802.11ax-HE40 MCS0	102	5510	Not Required	19.00	Not Required	19.00	Not Required	22.00	Not Required
	110	5550	Not Required	19.00	Not Required	19.00	Not Required	22.00	
	126	5630	Not Required	19.00	Not Required	19.00	Not Required	22.00	
	134	5670	Not Required	19.00	Not Required	19.00	Not Required	22.00	
	142	5710	Not Required	19.00	Not Required	19.00	Not Required	22.00	
802.11ax-HE80 MCS0	106	5530	Not Required	19.00	Not Required	19.00	Not Required	22.00	Not Required
	122	5610	Not Required	19.00	Not Required	19.00	Not Required	22.00	
	138	5690	Not Required	19.00	Not Required	19.00	Not Required	22.00	
802.11ax-HE160 MCS0	114	5570	Not Required	19.00	Not Required	18.50	Not Required	21.80	Not Required
802.11be-EHT20 MCS0	100	5500	Not Required	18.50	Not Required	18.50	Not Required	21.50	Not Required
	116	5580	Not Required	18.50	Not Required	18.50	Not Required	21.50	
	124	5620	Not Required	18.50	Not Required	18.50	Not Required	21.50	
	132	5660	Not Required	18.50	Not Required	18.50	Not Required	21.50	
	144	5720	Not Required	18.50	Not Required	18.50	Not Required	21.50	
802.11be-EHT40 MCS0	102	5510	Not Required	19.00	Not Required	19.00	Not Required	22.00	Not Required
	110	5550	Not Required	19.00	Not Required	19.00	Not Required	22.00	
	126	5630	Not Required	19.00	Not Required	19.00	Not Required	22.00	
	134	5670	Not Required	19.00	Not Required	19.00	Not Required	22.00	
	142	5710	Not Required	19.00	Not Required	19.00	Not Required	22.00	
802.11be-EHT80 MCS0	106	5530	Not Required	19.00	Not Required	19.00	Not Required	22.00	Not Required
	122	5610	Not Required	19.00	Not Required	19.00	Not Required	22.00	
	138	5690	Not Required	19.00	Not Required	19.00	Not Required	22.00	
802.11be-EHT160 MCS0	114	5570	Not Required	19.00	Not Required	18.50	Not Required	21.80	Not Required

[5.5GHz WLAN_Ant 6+1_DSI 4]

Mode	Channel	Frequency (MHz)	Ant 6+1(6)		Ant 6+1(1)		Ant 6+1		Duty Cycle %
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	
802.11a 6Mbps	100	5500	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	116	5580	Not Required	18.00	Not Required	18.00	Not Required	21.00	
	124	5620	Not Required	18.00	Not Required	18.00	Not Required	21.00	
	132	5660	Not Required	18.00	Not Required	18.00	Not Required	21.00	
	144	5720	Not Required	18.00	Not Required	18.00	Not Required	21.00	
802.11n-HT20 MCS0	100	5500	Not Required	18.50	Not Required	18.50	Not Required	21.50	Not Required
	116	5580	Not Required	18.50	Not Required	18.50	Not Required	21.50	
	124	5620	Not Required	18.50	Not Required	18.00	Not Required	21.30	
	132	5660	Not Required	18.00	Not Required	18.50	Not Required	21.30	
	144	5720	Not Required	18.50	Not Required	18.50	Not Required	21.50	
802.11n-HT40 MCS0	102	5510	Not Required	19.00	Not Required	19.00	Not Required	22.00	Not Required
	110	5550	Not Required	19.00	Not Required	19.00	Not Required	22.00	
	126	5630	Not Required	19.00	Not Required	19.00	Not Required	22.00	
	134	5670	Not Required	19.00	Not Required	19.00	Not Required	22.00	
	142	5710	Not Required	19.00	Not Required	19.00	Not Required	22.00	
802.11ac-VHT20 MCS0	100	5500	Not Required	18.50	Not Required	18.50	Not Required	21.50	Not Required
	116	5580	Not Required	18.50	Not Required	18.50	Not Required	21.50	
	124	5620	Not Required	18.50	Not Required	18.00	Not Required	21.30	
	132	5660	Not Required	18.00	Not Required	18.50	Not Required	21.30	
	144	5720	Not Required	18.50	Not Required	18.50	Not Required	21.50	
802.11ac-VHT40 MCS0	102	5510	Not Required	19.00	Not Required	19.00	Not Required	22.00	Not Required
	110	5550	Not Required	19.00	Not Required	19.00	Not Required	22.00	
	126	5630	Not Required	19.00	Not Required	19.00	Not Required	22.00	
	134	5670	Not Required	19.00	Not Required	19.00	Not Required	22.00	
	142	5710	Not Required	19.00	Not Required	19.00	Not Required	22.00	
802.11ac-VHT80 MCS0	106	5530	17.37	19.00	17.42	19.00	20.41	22.00	100.00
	122	5610	17.55	19.00	17.13	18.50	20.36	21.80	
	138	5690	17.59	19.00	17.39	19.00	20.50	22.00	
802.11ac-VHT160 MCS0	114	5570	Not Required	19.00	Not Required	18.50	Not Required	21.80	Not Required
802.11ax-HE20 MCS0	100	5500	Not Required	18.50	Not Required	18.50	Not Required	21.50	Not Required
	116	5580	Not Required	18.50	Not Required	18.50	Not Required	21.50	
	124	5620	Not Required	18.50	Not Required	18.50	Not Required	21.50	
	132	5660	Not Required	18.50	Not Required	18.50	Not Required	21.50	
	144	5720	Not Required	18.50	Not Required	18.50	Not Required	21.50	
802.11ax-HE40 MCS0	102	5510	Not Required	19.00	Not Required	19.00	Not Required	22.00	Not Required
	110	5550	Not Required	19.00	Not Required	19.00	Not Required	22.00	
	126	5630	Not Required	19.00	Not Required	19.00	Not Required	22.00	
	134	5670	Not Required	19.00	Not Required	19.00	Not Required	22.00	
	142	5710	Not Required	19.00	Not Required	19.00	Not Required	22.00	
802.11ax-HE80 MCS0	106	5530	Not Required	19.00	Not Required	19.00	Not Required	22.00	Not Required
	122	5610	Not Required	19.00	Not Required	19.00	Not Required	22.00	
	138	5690	Not Required	19.00	Not Required	19.00	Not Required	22.00	
802.11ax-HE160 MCS0	114	5570	Not Required	19.00	Not Required	18.50	Not Required	21.80	Not Required
802.11be-EHT20 MCS0	100	5500	Not Required	18.50	Not Required	18.50	Not Required	21.50	Not Required

	116	5580	Not Required	18.50	Not Required	18.50	Not Required	21.50	
	124	5620	Not Required	18.50	Not Required	18.50	Not Required	21.50	
	132	5660	Not Required	18.50	Not Required	18.50	Not Required	21.50	
	144	5720	Not Required	18.50	Not Required	18.50	Not Required	21.50	
802.11be-EHT40 MCS0	102	5510	Not Required	19.00	Not Required	19.00	Not Required	22.00	Not Required
	110	5550	Not Required	19.00	Not Required	19.00	Not Required	22.00	
	126	5630	Not Required	19.00	Not Required	19.00	Not Required	22.00	
	134	5670	Not Required	19.00	Not Required	19.00	Not Required	22.00	
	142	5710	Not Required	19.00	Not Required	19.00	Not Required	22.00	
802.11be-EHT80 MCS0	106	5530	Not Required	19.00	Not Required	19.00	Not Required	22.00	Not Required
	122	5610	Not Required	19.00	Not Required	19.00	Not Required	22.00	
	138	5690	Not Required	19.00	Not Required	19.00	Not Required	22.00	
802.11be-EHT160 MCS0	114	5570	Not Required	19.00	Not Required	18.50	Not Required	21.80	Not Required

【5.5GHz WLAN Ant 6+1 DSI 12】

[illegible]



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802.11be-EHT160 MCS0	122	5610	Not Required	10.00	Not Required	8.00	Not Required	13.00	Not Required
	138	5690	Not Required	10.00	Not Required	8.00	Not Required	13.00	
	114	5570	Not Required	10.00	Not Required	8.00	Not Required	13.00	

【5.8GHz WLAN_Ant 6+1_Full Power】

Mode	Channel	Frequency (MHz)	Ant 6+1(6)		Ant 6+1(1)		Ant 6+1		Duty Cycle %
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	
802.11a 6Mbps	149	5745	20.63	22.00	20.30	22.00	23.48	25.00	100.00
	157	5785	20.72	22.00	20.43	22.00	23.59	25.00	
	165	5825	20.69	22.00	20.75	22.00	23.73	25.00	
802.11n-HT20 MCS0	149	5745	20.37	22.00	20.11	21.50	23.25	24.80	100.00
	157	5785	20.49	22.00	20.23	21.50	23.37	24.80	
	165	5825	20.51	22.00	20.53	22.00	23.53	25.00	
802.11n-HT40 MCS0	151	5755	20.43	22.00	20.18	21.50	23.32	24.80	100.00
	159	5795	20.46	22.00	20.19	21.50	23.34	24.80	
	149	5745	20.44	22.00	20.13	21.50	23.30	24.80	
802.11ac-VHT20 MCS0	157	5785	20.54	22.00	20.30	22.00	23.43	25.00	100.00
	165	5825	20.55	22.00	20.57	22.00	23.57	25.00	
	151	5755	20.50	22.00	20.21	22.00	23.37	25.00	
802.11ac-VHT40 MCS0	159	5795	20.52	22.00	20.26	22.00	23.40	25.00	100.00
	155	5775	20.40	22.00	20.30	22.00	23.36	25.00	
	149	5745	20.52	22.00	20.21	21.50	23.38	24.80	
802.11ax-HE20 MCS0	157	5785	20.57	22.00	20.32	22.00	23.46	25.00	100.00
	165	5825	20.60	22.00	20.62	22.00	23.62	25.00	
	151	5755	20.56	22.00	20.25	22.00	23.42	25.00	
802.11ax-HE40 MCS0	159	5795	20.60	22.00	20.29	22.00	23.46	25.00	100.00
	155	5775	20.45	22.00	20.35	22.00	23.41	25.00	
	149	5745	20.58	22.00	20.25	22.00	23.43	25.00	
802.11be-EHT20 MCS0	157	5785	20.61	22.00	20.36	22.00	23.50	25.00	100.00
	165	5825	20.64	22.00	20.66	22.00	23.66	25.00	
	151	5755	20.58	22.00	20.27	22.00	23.44	25.00	
802.11be-EHT40 MCS0	159	5795	20.62	22.00	20.34	22.00	23.49	25.00	100.00
	155	5775	20.51	22.00	20.42	22.00	23.48	25.00	
	149	5745	20.51	22.00	20.42	22.00	23.48	25.00	

【5.8GHz WLAN_Ant 6+1_DSI 2】

Mode	Channel	Frequency (MHz)	Ant 6+1(6)		Ant 6+1(1)		Ant 6+1		Duty Cycle %
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	
802.11a 6Mbps	149	5745	20.63	22.00	20.30	22.00	23.48	25.00	100.00
	157	5785	20.72	22.00	20.43	22.00	23.59	25.00	
	165	5825	20.69	22.00	20.75	22.00	23.73	25.00	
802.11n-HT20 MCS0	149	5745	20.37	22.00	20.11	21.50	23.25	24.80	100.00
	157	5785	20.49	22.00	20.23	21.50	23.37	24.80	
	165	5825	20.51	22.00	20.53	22.00	23.53	25.00	
802.11n-HT40 MCS0	151	5755	20.43	22.00	20.18	21.50	23.32	24.80	100.00
	159	5795	20.46	22.00	20.19	21.50	23.34	24.80	
	149	5745	20.44	22.00	20.13	21.50	23.30	24.80	
802.11ac-VHT20 MCS0	157	5785	20.54	22.00	20.30	22.00	23.43	25.00	100.00
	165	5825	20.55	22.00	20.57	22.00	23.57	25.00	
	151	5755	20.50	22.00	20.21	22.00	23.37	25.00	
802.11ac-VHT40 MCS0	159	5795	20.52	22.00	20.26	22.00	23.40	25.00	100.00
	155	5775	20.40	22.00	20.30	22.00	23.36	25.00	
	149	5745	20.52	22.00	20.21	21.50	23.38	24.80	
802.11ax-HE20 MCS0	157	5785	20.57	22.00	20.32	22.00	23.46	25.00	100.00
	165	5825	20.60	22.00	20.62	22.00	23.62	25.00	
	151	5755	20.56	22.00	20.25	22.00	23.42	25.00	
802.11ax-HE40 MCS0	159	5795	20.60	22.00	20.29	22.00	23.46	25.00	100.00
	155	5775	20.45	22.00	20.35	22.00	23.41	25.00	
	149	5745	20.58	22.00	20.25	22.00	23.43	25.00	
802.11be-EHT20 MCS0	157	5785	20.61	22.00	20.36	22.00	23.50	25.00	100.00
	165	5825	20.64	22.00	20.66	22.00	23.66	25.00	
	151	5755	20.58	22.00	20.27	22.00	23.44	25.00	
802.11be-EHT40 MCS0	159	5795	20.62	22.00	20.34	22.00	23.49	25.00	100.00
	155	5775	20.51	22.00	20.42	22.00	23.48	25.00	
	149	5745	20.51	22.00	20.42	22.00	23.48	25.00	

【5.8GHz WLAN_Ant 6+1_DSI 7】

			Ant 6+1(6)		Ant 6+1(1)		Ant 6+1	
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FCC SAR TEST REPORT

Report No. : FA660814

802.11n-HT40 MCS0	165	5825	Not Required	19.00	Not Required	19.00	Not Required	22.00	Not Required
	151	5755	Not Required	19.00	Not Required	19.00	Not Required	22.00	
	159	5795	Not Required	19.00	Not Required	19.00	Not Required	22.00	
802.11ac-VHT20 MCS0	149	5745	Not Required	19.00	Not Required	19.00	Not Required	22.00	Not Required
	157	5785	Not Required	19.00	Not Required	19.00	Not Required	22.00	
	165	5825	Not Required	19.00	Not Required	19.00	Not Required	22.00	
802.11ac-VHT40 MCS0	151	5755	Not Required	19.00	Not Required	19.00	Not Required	22.00	Not Required
	159	5795	Not Required	19.00	Not Required	19.00	Not Required	22.00	
802.11ac-VHT80 MCS0	155	5775	17.40	19.00	17.30	19.00	20.36	22.00	100.00
802.11ax-HE20 MCS0	149	5745	Not Required	19.00	Not Required	19.00	Not Required	22.00	Not Required
	157	5785	Not Required	19.00	Not Required	19.00	Not Required	22.00	
	165	5825	Not Required	19.00	Not Required	19.00	Not Required	22.00	
802.11ax-HE40 MCS0	151	5755	Not Required	19.00	Not Required	19.00	Not Required	22.00	Not Required
	159	5795	Not Required	19.00	Not Required	19.00	Not Required	22.00	
802.11ax-HE80 MCS0	155	5775	Not Required	19.00	Not Required	19.00	Not Required	22.00	Not Required
802.11be-EHT20 MCS0	149	5745	Not Required	19.00	Not Required	19.00	Not Required	22.00	Not Required
	157	5785	Not Required	19.00	Not Required	19.00	Not Required	22.00	
	165	5825	Not Required	19.00	Not Required	19.00	Not Required	22.00	
802.11be-EHT40 MCS0	151	5755	Not Required	19.00	Not Required	19.00	Not Required	22.00	Not Required
	159	5795	Not Required	19.00	Not Required	19.00	Not Required	22.00	
802.11be-EHT80 MCS0	155	5775	Not Required	19.00	Not Required	19.00	Not Required	22.00	Not Required



【5.8GHz WLAN_Ant 6+1_DSI 4】

Mode	Channel	Frequency (MHz)	Ant 6+1(6)		Ant 6+1(1)		Ant 6+1		Duty Cycle %
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	
802.11a 6Mbps	149	5745	Not Required	19.00	Not Required	19.00	Not Required	22.00	Not Required
	157	5785	Not Required	19.00	Not Required	19.00	Not Required	22.00	
	165	5825	Not Required	19.00	Not Required	19.00	Not Required	22.00	
802.11n-HT20 MCS0	149	5745	Not Required	19.00	Not Required	19.00	Not Required	22.00	Not Required
	157	5785	Not Required	19.00	Not Required	19.00	Not Required	22.00	
	165	5825	Not Required	19.00	Not Required	19.00	Not Required	22.00	
802.11n-HT40 MCS0	151	5755	Not Required	19.00	Not Required	19.00	Not Required	22.00	Not Required
	159	5795	Not Required	19.00	Not Required	19.00	Not Required	22.00	
802.11ac-VHT20 MCS0	149	5745	Not Required	19.00	Not Required	19.00	Not Required	22.00	Not Required
	157	5785	Not Required	19.00	Not Required	19.00	Not Required	22.00	
	165	5825	Not Required	19.00	Not Required	19.00	Not Required	22.00	
802.11ac-VHT40 MCS0	151	5755	Not Required	19.00	Not Required	19.00	Not Required	22.00	Not Required
	159	5795	Not Required	19.00	Not Required	19.00	Not Required	22.00	
802.11ac-VHT80 MCS0	155	5775	17.40	19.00	17.30	19.00	20.36	22.00	100.00
802.11ax-HE20 MCS0	149	5745	Not Required	19.00	Not Required	19.00	Not Required	22.00	Not Required
	157	5785	Not Required	19.00	Not Required	19.00	Not Required	22.00	
	165	5825	Not Required	19.00	Not Required	19.00	Not Required	22.00	
802.11ax-HE40 MCS0	151	5755	Not Required	19.00	Not Required	19.00	Not Required	22.00	Not Required
	159	5795	Not Required	19.00	Not Required	19.00	Not Required	22.00	
802.11ax-HE80 MCS0	155	5775	Not Required	19.00	Not Required	19.00	Not Required	22.00	Not Required
802.11be-EHT20 MCS0	149	5745	Not Required	19.00	Not Required	19.00	Not Required	22.00	Not Required
	157	5785	Not Required	19.00	Not Required	19.00	Not Required	22.00	
	165	5825	Not Required	19.00	Not Required	19.00	Not Required	22.00	
802.11be-EHT40 MCS0	151	5755	Not Required	19.00	Not Required	19.00	Not Required	22.00	Not Required
	159	5795	Not Required	19.00	Not Required	19.00	Not Required	22.00	
802.11be-EHT80 MCS0	155	5775	Not Required	19.00	Not Required	19.00	Not Required	22.00	Not Required

【5.8GHz WLAN_Ant 6+1_DSI 12】

Mode	Channel	Frequency (MHz)	Ant 6+1(6)		Ant 6+1(1)		Ant 6+1		Duty Cycle %
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	
802.11a 6Mbps	149	5745	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
	157	5785	Not Required	11.00	Not Required	11.00	Not Required	14.00	
	165	5825	Not Required	11.00	Not Required	11.00	Not Required	14.00	
802.11n-HT20 MCS0	149	5745	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
	157	5785	Not Required	11.00	Not Required	11.00	Not Required	14.00	
	165	5825	Not Required	11.00	Not Required	11.00	Not Required	14.00	
802.11n-HT40 MCS0	151	5755	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
	159	5795	Not Required	11.00	Not Required	11.00	Not Required	14.00	
802.11ac-VHT20 MCS0	149	5745	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
	157	5785	Not Required	11.00	Not Required	11.00	Not Required	14.00	
	165	5825	Not Required	11.00	Not Required	11.00	Not Required	14.00	
802.11ac-VHT40 MCS0	151	5755	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
	159	5795	Not Required	11.00	Not Required	11.00	Not Required	14.00	
802.11ac-VHT80 MCS0	155	5775	9.53	11.00	9.27	11.00	12.41	14.00	100.00
802.11ax-HE20 MCS0	149	5745	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
	157	5785	Not Required	11.00	Not Required	11.00	Not Required	14.00	
	165	5825	Not Required	11.00	Not Required	11.00	Not Required	14.00	
802.11ax-HE40 MCS0	151	5755	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
	159	5795	Not Required	11.00	Not Required	11.00	Not Required	14.00	
802.11ax-HE80 MCS0	155	5775	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
802.11be-EHT20 MCS0	149	5745	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
	157	5785	Not Required	11.00	Not Required	11.00	Not Required	14.00	
	165	5825	Not Required	11.00	Not Required	11.00	Not Required	14.00	
802.11be-EHT40 MCS0	151	5755	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required
	159	5795	Not Required	11.00	Not Required	11.00	Not Required	14.00	
802.11be-EHT80 MCS0	155	5775	Not Required	11.00	Not Required	11.00	Not Required	14.00	Not Required



	Mode	Channel	Frequency (MHz)	Ant 6 Full&DSI2&4		Ant 1 Full&DSI2&4		Ant 6+1 Full&DSI2&4		Duty Cycle %
				Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
WiFi 6E	802.11a 6Mbps	1	5955	5.76	7.50	6.03	7.50	8.91	10.50	98.97
		57	6235	5.35	7.00	5.73	7.00	8.56	10.00	
		113	6515	6.82	8.50	6.72	8.00	9.79	11.30	
		173	6815	6.94	8.50	5.99	7.50	9.51	11.00	
		233	7115	8.06	9.50	8.00	9.50	11.05	12.50	
	802.11ax-HE20 MCS0	1	5955	6.24	8.00	6.50	8.00	9.38	11.00	100.00
		57	6235	5.88	7.50	6.13	7.50	9.02	10.50	
		113	6515	7.52	9.00	7.47	9.00	10.51	12.00	
		173	6815	7.35	9.00	7.61	9.00	10.49	12.00	
		233	7115	3.77	5.50	3.95	5.50	6.87	8.50	
	802.11ax-HE40 MCS0	3	5965	9.51	11.00	9.88	11.50	12.71	14.30	100.00
		59	6245	9.01	10.50	9.96	11.50	12.52	14.00	
		107	6485	10.90	12.50	10.83	12.50	13.88	15.50	
		171	6805	10.98	12.50	10.69	12.00	13.85	15.30	
		227	7085	12.86	14.50	12.87	14.50	15.88	17.50	
	802.11ax-HE80 MCS0	7	5985	12.34	14.00	12.97	14.50	15.68	17.30	100.00
		71	6305	11.91	13.50	12.67	14.00	15.32	16.80	
		119	6545	12.79	14.50	12.84	14.50	15.83	17.50	
		167	6785	13.20	15.00	12.87	14.50	16.05	17.80	
		215	7025	14.43	15.00	14.86	16.50	17.66	18.80	
	802.11ax-HE160 MCS0	15	6025	14.91	16.50	15.73	17.00	18.35	19.80	100.00
		47	6185	14.51	16.00	15.33	17.00	17.95	19.50	
		111	6505	15.47	17.00	15.46	17.00	18.48	20.00	
		143	6665	15.53	17.00	15.71	17.00	18.63	20.00	
		207	6985	17.20	19.00	17.28	19.00	20.25	22.00	
	802.11be-EHT20 MCS0	1	5955	6.31	8.00	6.55	8.00	9.44	11.00	100.00
		57	6235	5.99	7.50	6.28	8.00	9.15	10.80	
		113	6515	7.58	9.00	7.53	9.00	10.57	12.00	
		173	6815	7.53	9.00	7.71	9.00	10.63	12.00	
		233	7115	9.60	11.00	9.58	11.00	12.60	14.00	
	802.11be-EHT40 MCS0	3	5965	9.57	11.00	9.94	11.50	12.77	14.30	100.00
		59	6245	11.02	12.50	10.75	12.00	13.90	15.30	
		107	6485	10.98	12.50	10.91	12.50	13.96	15.50	
		171	6805	11.02	12.50	10.75	12.00	13.90	15.30	
		227	7085	12.91	14.50	12.93	14.50	15.93	17.50	
	802.11be-EHT80 MCS0	7	5985	12.41	14.00	13.05	14.50	15.75	17.30	100.00
		71	6305	11.99	13.50	12.74	14.00	15.39	16.80	
		119	6545	12.87	14.50	12.92	14.50	15.91	17.50	
		167	6785	13.26	15.00	12.92	14.50	16.10	17.80	
		215	7025	14.49	16.00	14.93	16.50	17.73	19.30	
	802.11be-EHT160 MCS0	15	6025	14.99	16.50	15.78	17.50	18.41	20.00	100.00
		47	6185	14.59	16.00	15.37	17.00	18.01	19.50	
		111	6505	15.51	17.00	15.53	17.00	18.53	20.00	
		143	6665	15.61	17.00	15.75	17.00	18.69	20.00	
		207	6985	17.24	19.00	17.35	19.00	20.31	22.00	
	802.11be-EHT320 MCS0	31	6105	15.69	17.00	15.98	17.50	18.85	20.30	100.00
		63	6265	15.64	17.00	15.87	17.50	18.77	20.30	
		95	6425	15.59	17.00	15.34	17.00	18.48	20.00	
		127	6585	15.53	17.00	15.15	16.50	18.35	19.80	
		159	6745	15.17	16.50	14.78	16.00	17.99	19.30	
		191	6905	15.35	17.00	14.91	16.50	18.15	19.80	



				Ant 6 DSI 6 (Close)		Ant 1 DSI 6 (Close)		Ant 6+1 DSI 6 (Close)		Ant 6 DSI 6 (Close)		Ant 1 DSI 6 (Close)		Ant 6+1 DSI 6 (Close)		
WiFi 6E	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	802.11a 6Mbps	1	5955		7.50		7.50		10.50		7.50		7.50		10.50	98.97
		57	6235		7.00		7.00		10.00		7.00		10.00			
		113	6515		8.50		8.00		11.30		8.50		8.00		11.30	
		173	6815		8.50		7.50		11.00		8.50		7.50		11.00	
		233	7115		9.50		9.50		12.50		9.50		9.50		12.50	
	802.11ax-HE20 MCS0	1	5955		8.00		8.00		11.00		8.00		8.00		11.00	100.00
		57	6235		7.50		7.50		10.50		7.50		7.50		10.50	
		113	6515		9.00		9.00		12.00		9.00		9.00		12.00	
		173	6815		9.00		9.00		12.00		9.00		9.00		12.00	
		233	7115		5.50		5.50		8.50		5.50		5.50		8.50	
	802.11ax-HE40 MCS0	3	5965		11.00		11.50		14.30		11.00		11.50		14.30	100.00
		59	6245		10.50		11.50		14.00		10.50		11.50		14.00	
		107	6485		12.30		12.30		15.30		12.50		12.50		15.50	
		171	6805		12.30		12.00		15.30		12.50		12.00		15.30	
		227	7085		12.30		12.30		15.30		14.50		14.50		17.50	
	802.11ax-HE80 MCS0	7	5985		12.30		12.30		15.30		14.00		14.50		17.30	100.00
		71	6305		12.30		12.30		15.30		13.50		14.00		16.80	
		119	6545		12.30		12.30		15.30		14.50		14.50		17.50	
		167	6785		12.30		12.30		15.30		14.80		14.50		17.80	
		215	7025		12.30		12.30		15.30		14.80		14.80		17.80	
	802.11ax-HE160 MCS0	15	6025	Not Required	12.30	Not Required	12.30	Not Required	15.30	Not Required	14.80	Not Required	14.80	Not Required	17.80	100.00
		47	6185		12.30		12.30		15.30		14.80		14.80		17.80	
		111	6505		12.30		12.30		15.30		14.80		14.80		17.80	
		143	6665		12.30		12.30		15.30		14.80		19.00		17.80	
		207	6985		12.30		12.30		15.30		14.80		19.00		17.80	
	802.11be-EHT20 MCS0	1	5955		8.00		8.00		11.00		8.00		8.00		11.00	100.00
		57	6235		7.50		8.00		10.80		7.50		8.00		10.80	
113		6515	9.00		9.00		12.00		9.00		9.00		12.00			
173		6815	9.00		9.00		12.00		9.00		9.00		12.00			
233		7115	11.00		11.00		14.00		11.00		11.00		14.00			
802.11be-EHT40 MCS0	3	5965		11.00		11.50		14.30		11.00		11.50		14.30	100.00	
	59	6245		12.30		12.00		15.30		12.50		12.00		15.30		
	107	6485		12.30		12.30		15.30		12.50		12.50		15.50		
	171	6805		12.30		12.00		15.30		12.50		12.00		15.30		
	227	7085		12.30		12.30		15.30		14.50		14.50		17.50		
802.11be-EHT80 MCS0	7	5985		12.30		12.30		15.30		14.00		14.50		17.30	100.00	
	71	6305		12.30		12.30		15.30		13.50		14.00		16.80		
	119	6545		12.30		12.30		15.30		14.50		14.50		17.50		
	167	6785		12.30		12.30		15.30		14.80		14.50		17.80		
	215	7025		12.30		12.30		15.30		14.80		14.80		17.80		
802.11be-EHT160 MCS0	15	6025		12.30		12.30		15.30		14.80		14.80		17.80	100.00	
	47	6185		12.30		12.30		15.30		14.80		14.80		17.80		
	111	6505		12.30		12.30		15.30		14.80		14.80		17.80		
	143	6665		12.30		12.30		15.30		14.80		14.80		17.80		
	207	6985		12.30		12.30		15.30		14.80		14.80		17.80		
802.11be-EHT320 MCS0	31	6105	11.42	12.80	11.51	12.80	14.48	15.80	13.95	15.30	13.97	15.30	16.97	18.30	100.00	
	63	6265	11.24	12.80	11.43	12.80	14.35	15.80	13.71	15.30	13.88	15.30	16.81	18.30		
	95	6425	11.13	12.80	10.94	12.80	14.05	15.80	13.69	15.30	13.56	15.30	16.64	18.30		
	127	6585	11.19	12.80	11.09	12.80	14.15	15.80	13.78	15.30	13.79	15.30	16.80	18.30		
	159	6745	10.76	12.30	10.35	12.30	13.57	15.30	13.36	14.80	12.83	14.80	16.11	17.80		
	191	6905	10.95	12.80	10.98	12.80	13.98	15.80	13.41	15.30	13.52	15.30	16.48	18.30		



	Mode	Channel	Frequency (MHz)	Ant 6 DSI 12 (Open)		Ant 1 DSI 12 (Open)		Ant 6+1 DSI 12 (Open)		Duty Cycle %
				Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
WiFi 6E	802.11a 6Mbps	1	5955	Not Required	7.50	Not Required	7.50	Not Required	10.50	98.97
		57	6235		7.00		7.00		10.00	
		113	6515		8.50		8.00		11.30	
		173	6815		8.50		7.50		11.00	
		233	7115		9.50		9.50		12.50	
	802.11ax-HE20 MCS0	1	5955		8.00		8.00		11.00	100.00
		57	6235		7.50		7.50		10.50	
		113	6515		9.00		9.00		12.00	
		173	6815		9.00		9.00		12.00	
		233	7115		5.50		5.50		8.50	
	802.11ax-HE40 MCS0	3	5965		10.50		10.50		13.50	100.00
		59	6245		10.50		10.50		13.50	
		107	6485		10.50		10.50		13.50	
		171	6805		10.50		10.50		13.50	
		227	7085		10.50		10.50		13.50	
	802.11ax-HE80 MCS0	7	5985		10.50		10.50		13.50	100.00
		71	6305		10.50		10.50		13.50	
		119	6545		10.50		10.50		13.50	
		167	6785		10.50		10.50		13.50	
		215	7025		10.50		10.50		13.50	
	802.11ax-HE160 MCS0	15	6025		10.50		10.50		13.50	100.00
		47	6185		10.50		10.50		13.50	
		111	6505		10.50		10.50		13.50	
		143	6665		10.50		10.50		13.50	
		207	6985		19.00		10.50		13.50	
	802.11be-EHT20 MCS0	1	5955		8.00		8.00		11.00	100.00
		57	6235		7.50		8.00		10.80	
		113	6515		9.00		9.00		12.00	
		173	6815		9.00		9.00		12.00	
		233	7115		10.50		10.50		13.50	
	802.11be-EHT40 MCS0	3	5965		10.50		10.50		13.50	100.00
		59	6245		10.50		10.50		13.50	
		107	6485		10.50		10.50		13.50	
		171	6805		10.50		10.50		13.50	
		227	7085		10.50		10.50		13.50	
	802.11be-EHT80 MCS0	7	5985		10.50		10.50		13.50	100.00
		71	6305		10.50		10.50		13.50	
		119	6545		10.50		10.50		13.50	
		167	6785		10.50		10.50		13.50	
		215	7025		10.50		10.50		13.50	
	802.11be-EHT160 MCS0	15	6025		10.50		10.50		13.50	100.00
		47	6185		10.50		10.50		13.50	
		111	6505		10.50		10.50		13.50	
		143	6665		10.50		10.50		13.50	
		207	6985		10.50		10.50		13.50	
	802.11be-EHT320 MCS0	31	6105	9.71	11.50	10.01	11.50	12.87	14.50	100.00
		63	6265	9.75	11.50	9.95	11.50	12.86	14.50	
		95	6425	9.77	11.00	9.43	11.00	12.55	14.00	
		127	6585	9.93	11.00	9.45	11.00	12.43	14.00	
		159	6745	9.43	10.50	8.95	10.50	12.05	13.50	
		191	6905	9.43	10.50	9.01	10.50	12.24	13.50	