

35	PI/2 BPSK	1	1	26.11	26.13	26.14	27.00
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	26.10	26.16	26.15	27.00
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	26.08	26.22	26.12	27.00
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	26.03	26.12	26.08	27.00
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	26.10	26.12	26.06	27.00
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	26.07	26.11	26.18	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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	15.98	16.07	16.03	16.20
100	PI/2 BPSK	1	137	15.65	15.83	15.70	16.20
100	PI/2 BPSK	1	271	15.80	15.96	15.78	16.20
100	PI/2 BPSK	135	0	15.79	15.96	15.84	16.20
100	PI/2 BPSK	135	69	15.77	16.01	15.95	16.20
100	PI/2 BPSK	135	138	15.86	15.99	15.82	16.20
100	PI/2 BPSK	270	0	15.63	15.84	15.70	16.20
100	QPSK	1	1	15.76	15.89	15.70	16.20
100	QPSK	1	137	15.95	16.06	15.97	16.20
100	QPSK	1	271	15.73	15.88	15.75	16.20
100	QPSK	135	0	15.62	15.83	15.71	16.20
100	QPSK	135	69	15.86	16.06	15.92	16.20
100	QPSK	135	138	15.88	16.03	15.87	16.20
100	QPSK	270	0	15.75	15.93	15.84	16.20
100	16QAM	1	1	15.77	15.95	15.85	16.20
100	64QAM	1	1	15.73	15.95	15.80	16.20
100	256QAM	1	1	15.84	15.99	15.84	16.20
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	15.95	15.96	15.97	16.20
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	15.93	16.06	15.92	16.20
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	15.96	15.94	15.88	16.20
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	15.85	16.00	15.97	16.20
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	15.93	16.01	15.96	16.20
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	15.85	16.06	15.95	16.20
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	15.95	16.05	15.95	16.20
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	15.87	15.99	16.01	16.20
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	15.87	15.93	15.95	16.20
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	15.86	15.98	15.97	16.20
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	15.86	15.99	15.94	16.20
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)

15	PI/2 BPSK	1	1	15.86	15.94	15.94	16.20
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	15.85	16.01	15.93	16.20

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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				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	17.73	17.84	17.78	18.20
100	PI/2 BPSK	1	137	17.48	17.71	17.59	18.20
100	PI/2 BPSK	1	271	17.63	17.84	17.71	18.20
100	PI/2 BPSK	135	0	17.59	17.81	17.62	18.20
100	PI/2 BPSK	135	69	17.70	17.83	17.75	18.20
100	PI/2 BPSK	135	138	17.67	17.79	17.59	18.20
100	PI/2 BPSK	270	0	17.68	17.82	17.74	18.20
100	QPSK	1	1	17.67	17.82	17.63	18.20
100	QPSK	1	137	17.54	17.69	17.58	18.20
100	QPSK	1	271	17.65	17.80	17.73	18.20
100	QPSK	135	0	17.58	17.78	17.60	18.20
100	QPSK	135	69	17.68	17.91	17.83	18.20
100	QPSK	135	138	17.58	17.74	17.54	18.20
100	QPSK	270	0	17.57	17.83	17.70	18.20
100	16QAM	1	1	17.61	17.83	17.75	18.20
100	64QAM	1	1	17.76	17.88	17.70	18.20
100	256QAM	1	1	17.57	17.69	17.56	18.20
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	17.65	17.77	17.69	18.20
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	17.59	17.74	17.73	18.20
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	17.64	17.82	17.74	18.20
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	17.61	17.78	17.75	18.20
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	17.59	17.73	17.75	18.20
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	17.71	17.72	17.66	18.20
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	17.69	17.71	17.71	18.20
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	17.70	17.69	17.70	18.20
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	17.65	17.74	17.76	18.20
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	17.64	17.74	17.72	18.20
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	17.66	17.75	17.76	18.20
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	17.70	17.75	17.72	18.20
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	17.63	17.70	17.66	18.20

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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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.84	23.91	23.79	24.20
100	PI/2 BPSK	1	137	23.72	23.83	23.58	24.20
100	PI/2 BPSK	1	271	23.65	23.80	23.61	24.20
100	PI/2 BPSK	135	0	23.70	23.83	23.61	24.20
100	PI/2 BPSK	135	69	23.75	23.89	23.66	24.20
100	PI/2 BPSK	135	138	23.59	23.79	23.59	24.20
100	PI/2 BPSK	270	0	23.65	23.79	23.57	24.20
100	QPSK	1	1	23.85	23.97	23.77	24.20
100	QPSK	1	137	23.59	23.79	23.63	24.20
100	QPSK	1	271	23.69	23.81	23.59	24.20
100	QPSK	135	0	23.90	23.99	23.85	24.20
100	QPSK	135	69	23.76	23.96	23.76	24.20
100	QPSK	135	138	23.85	23.94	23.72	24.20
100	QPSK	270	0	23.67	23.81	23.60	24.20
100	16QAM	1	1	23.71	23.81	23.62	24.20
100	64QAM	1	1	22.60	22.79	22.54	23.20
100	256QAM	1	1	20.78	20.86	20.70	21.20
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.74	23.84	23.66	24.20
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.78	23.82	23.65	24.20
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	23.80	23.85	23.77	24.20
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.69	23.86	23.74	24.20
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.72	23.80	23.74	24.20
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	23.79	23.81	23.71	24.20
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.71	23.84	23.71	24.20
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	23.75	23.83	23.65	24.20
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.72	23.81	23.76	24.20
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	23.70	23.84	23.69	24.20
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.76	23.82	23.69	24.20
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.83	23.89	23.73	24.20
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.70	23.83	23.71	24.20

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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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	15.98	16.07	16.03	16.20
100	PI/2 BPSK	1	137	15.65	15.83	15.70	16.20
100	PI/2 BPSK	1	271	15.80	15.96	15.78	16.20
100	PI/2 BPSK	135	0	15.79	15.96	15.84	16.20

100	PI/2 BPSK	135	69	15.77	16.01	15.95	16.20
100	PI/2 BPSK	135	138	15.86	15.99	15.82	16.20
100	PI/2 BPSK	270	0	15.63	15.84	15.70	16.20
100	QPSK	1	1	15.76	15.89	15.70	16.20
100	QPSK	1	137	15.95	16.06	15.97	16.20
100	QPSK	1	271	15.73	15.88	15.75	16.20
100	QPSK	135	0	15.62	15.83	15.71	16.20
100	QPSK	135	69	15.86	16.06	15.92	16.20
100	QPSK	135	138	15.88	16.03	15.87	16.20
100	QPSK	270	0	15.75	15.93	15.84	16.20
100	16QAM	1	1	15.77	15.95	15.85	16.20
100	64QAM	1	1	15.73	15.95	15.80	16.20
100	256QAM	1	1	15.84	15.99	15.84	16.20
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	15.95	15.96	15.97	16.20
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	15.93	16.06	15.92	16.20
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	15.96	15.94	15.88	16.20
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	15.85	16.00	15.97	16.20
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	15.93	16.01	15.96	16.20
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	15.85	16.06	15.95	16.20
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	15.95	16.05	15.95	16.20
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	15.87	15.99	16.01	16.20
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	15.87	15.93	15.95	16.20
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	15.86	15.98	15.97	16.20
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	15.86	15.99	15.94	16.20
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	15.86	15.94	15.94	16.20
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	15.85	16.01	15.93	16.20

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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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	18.96	19.05	18.93	19.50
100	PI/2 BPSK	1	137	18.77	18.94	18.83	19.50
100	PI/2 BPSK	1	271	18.81	18.96	18.82	19.50
100	PI/2 BPSK	135	0	18.89	18.86	18.90	19.50
100	PI/2 BPSK	135	69	18.78	18.99	18.76	19.50
100	PI/2 BPSK	135	138	18.69	18.89	18.76	19.50
100	PI/2 BPSK	270	0	18.91	18.93	18.96	19.50
100	QPSK	1	1	18.90	19.02	18.86	19.50
100	QPSK	1	137	18.82	18.92	18.77	19.50
100	QPSK	1	271	18.94	19.04	18.88	19.50
100	QPSK	135	0	18.92	19.01	18.91	19.50
100	QPSK	135	69	18.82	18.98	18.78	19.50
100	QPSK	135	138	18.83	18.95	18.75	19.50
100	QPSK	270	0	18.79	18.92	18.78	19.50
100	16QAM	1	1	18.87	19.01	18.85	19.50
100	64QAM	1	1	18.93	19.11	18.96	19.50

100	256QAM	1	1	18.89	19.01	18.82	19.50
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	18.85	18.91	18.87	19.50
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	18.93	18.91	18.80	19.50
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	18.85	18.96	18.85	19.50
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	18.93	18.93	18.89	19.50
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	18.90	18.95	18.90	19.50
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	18.88	18.95	18.89	19.50
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	18.89	18.89	18.78	19.50
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	18.83	18.88	18.86	19.50
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	18.90	18.92	18.82	19.50
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	18.91	18.93	18.92	19.50
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	18.81	18.94	18.78	19.50
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	18.82	18.91	18.91	19.50
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	18.86	18.98	18.87	19.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	20.83	20.86	20.81	21.50
100	PI/2 BPSK	1	137	20.78	20.84	20.64	21.50
100	PI/2 BPSK	1	271	20.61	20.71	20.64	21.50
100	PI/2 BPSK	135	0	20.72	20.84	20.75	21.50
100	PI/2 BPSK	135	69	20.74	20.91	20.77	21.50
100	PI/2 BPSK	135	138	20.64	20.75	20.59	21.50
100	PI/2 BPSK	270	0	20.76	20.87	20.73	21.50
100	QPSK	1	1	20.83	20.88	20.77	21.50
100	QPSK	1	137	20.61	20.76	20.58	21.50
100	QPSK	1	271	20.59	20.75	20.67	21.50
100	QPSK	135	0	20.67	20.79	20.70	21.50
100	QPSK	135	69	20.74	20.91	20.79	21.50
100	QPSK	135	138	20.73	20.90	20.79	21.50
100	QPSK	270	0	20.75	20.82	20.72	21.50
100	16QAM	1	1	20.66	20.81	20.63	21.50
100	64QAM	1	1	20.66	20.80	20.66	21.50
100	256QAM	1	1	20.63	20.77	20.60	21.50
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	20.70	20.78	20.72	21.50
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	20.81	20.74	20.80	21.50
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	20.78	20.78	20.74	21.50
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)

60	PI/2 BPSK	1	1	20.75	20.75	20.74	21.50
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	20.80	20.83	20.76	21.50
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	20.69	20.79	20.66	21.50
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	20.74	20.74	20.80	21.50
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	20.82	20.81	20.77	21.50
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	20.81	20.73	20.74	21.50
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	20.74	20.72	20.72	21.50
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	20.72	20.74	20.76	21.50
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	20.74	20.83	20.80	21.50
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	20.70	20.81	20.68	21.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	Tune-up limit
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	26.13	26.25	26.20	27.00
100	PI/2 BPSK	1	137	25.98	26.23	26.06	27.00
100	PI/2 BPSK	1	271	25.95	26.19	26.11	27.00
100	PI/2 BPSK	135	0	25.65	25.88	25.82	26.50
100	PI/2 BPSK	135	69	26.00	26.16	26.03	27.00
100	PI/2 BPSK	135	138	25.62	25.75	25.57	26.50
100	PI/2 BPSK	270	0	25.58	25.80	25.74	26.50
100	QPSK	1	1	25.85	25.99	25.86	27.00
100	QPSK	1	137	26.14	26.30	26.12	27.00
100	QPSK	1	271	26.00	26.19	26.13	27.00
100	QPSK	135	0	25.25	25.48	25.42	26.00
100	QPSK	135	69	26.05	26.30	26.24	27.00
100	QPSK	135	138	24.98	25.12	25.01	26.00
100	QPSK	270	0	25.20	25.39	25.29	26.00
100	16QAM	1	1	25.26	25.46	25.33	26.00
100	64QAM	1	1	23.69	23.92	23.85	24.50
100	256QAM	1	1	21.59	21.82	21.73	22.50
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	26.05	26.17	26.11	27.00
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	26.03	26.19	26.11	27.00
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	26.02	26.16	26.19	27.00
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	25.98	26.15	26.12	27.00
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	26.02	26.13	26.12	27.00
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	26.07	26.11	26.19	27.00
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	26.03	26.22	26.06	27.00
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)

35	PI/2 BPSK	1	1	26.11	26.13	26.14	27.00
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	26.10	26.16	26.15	27.00
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	26.08	26.22	26.12	27.00
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	26.03	26.12	26.08	27.00
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	26.10	26.12	26.06	27.00
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	26.07	26.11	26.18	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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	18.96	19.05	18.93	19.50
100	PI/2 BPSK	1	137	18.77	18.94	18.83	19.50
100	PI/2 BPSK	1	271	18.81	18.96	18.82	19.50
100	PI/2 BPSK	135	0	18.89	18.86	18.90	19.50
100	PI/2 BPSK	135	69	18.78	18.99	18.76	19.50
100	PI/2 BPSK	135	138	18.69	18.89	18.76	19.50
100	PI/2 BPSK	270	0	18.91	18.93	18.96	19.50
100	QPSK	1	1	18.90	19.02	18.86	19.50
100	QPSK	1	137	18.82	18.92	18.77	19.50
100	QPSK	1	271	18.94	19.04	18.88	19.50
100	QPSK	135	0	18.92	19.01	18.91	19.50
100	QPSK	135	69	18.82	18.98	18.78	19.50
100	QPSK	135	138	18.83	18.95	18.75	19.50
100	QPSK	270	0	18.79	18.92	18.78	19.50
100	16QAM	1	1	18.87	19.01	18.85	19.50
100	64QAM	1	1	18.93	19.11	18.96	19.50
100	256QAM	1	1	18.89	19.01	18.82	19.50
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	18.85	18.91	18.87	19.50
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	18.93	18.91	18.80	19.50
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	18.85	18.96	18.85	19.50
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	18.93	18.93	18.89	19.50
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	18.90	18.95	18.90	19.50
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	18.88	18.95	18.89	19.50
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	18.89	18.89	18.78	19.50
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	18.83	18.88	18.86	19.50
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	18.90	18.92	18.82	19.50
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	18.91	18.93	18.92	19.50
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	18.81	18.94	18.78	19.50
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)

15	PI/2 BPSK	1	1	18.82	18.91	18.91	19.50
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	18.86	18.98	18.87	19.50

【FR1 n41_FCC_Ant 5_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				509202	518598	528000	Tune-up limit
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	24.41	24.44	24.37	25.70
100	PI/2 BPSK	1	137	24.20	24.35	24.20	25.70
100	PI/2 BPSK	1	271	24.33	24.43	24.27	25.70
100	PI/2 BPSK	135	0	24.29	24.43	24.26	25.70
100	PI/2 BPSK	135	69	24.26	24.39	24.17	25.70
100	PI/2 BPSK	135	138	24.24	24.40	24.23	25.70
100	PI/2 BPSK	270	0	24.32	24.42	24.21	25.70
100	QPSK	1	1	24.42	24.53	24.34	25.70
100	QPSK	1	137	24.22	24.37	24.20	25.70
100	QPSK	1	271	24.44	24.55	24.34	25.70
100	QPSK	135	0	24.38	24.52	24.38	25.70
100	QPSK	135	69	24.38	24.48	24.29	25.70
100	QPSK	135	138	24.41	24.46	24.38	25.70
100	QPSK	270	0	24.45	24.50	24.37	25.70
100	16QAM	1	1	24.32	24.44	24.36	25.70
100	64QAM	1	1	22.87	22.98	22.84	24.20
100	256QAM	1	1	20.98	21.02	20.84	22.20
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	24.26	24.29	24.26	25.70
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	24.39	24.36	24.30	25.70
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	24.30	24.33	24.27	25.70
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	24.37	24.38	24.35	25.70
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	24.28	24.42	24.32	25.70
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	24.35	24.31	24.36	25.70
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	24.33	24.35	24.30	25.70
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	24.30	24.39	24.27	25.70
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	24.28	24.38	24.23	25.70
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	24.32	24.41	24.30	25.70
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	24.36	24.42	24.33	25.70
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	24.37	24.39	24.29	25.70
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	24.39	24.33	24.28	25.70

【FR1 n41_FCC_HPUE_Ant 5_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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	25.51	25.59	25.48	27.00
100	PI/2 BPSK	1	137	25.28	25.39	25.23	27.00
100	PI/2 BPSK	1	271	25.25	25.38	25.17	27.00
100	PI/2 BPSK	135	0	24.93	25.05	24.89	26.50
100	PI/2 BPSK	135	69	25.30	25.43	25.26	27.00
100	PI/2 BPSK	135	138	24.89	25.09	24.86	26.50
100	PI/2 BPSK	270	0	24.79	24.91	24.67	26.50
100	QPSK	1	1	25.17	25.35	25.14	27.00
100	QPSK	1	137	25.33	25.46	25.32	27.00
100	QPSK	1	271	25.34	25.51	25.34	27.00
100	QPSK	135	0	24.32	24.43	24.24	26.00
100	QPSK	135	69	25.23	25.42	25.24	27.00
100	QPSK	135	138	24.39	24.48	24.31	26.00
100	QPSK	270	0	24.45	24.59	24.39	26.00
100	16QAM	1	1	24.22	24.42	24.26	26.00
100	64QAM	1	1	22.85	23.00	22.85	24.50
100	256QAM	1	1	20.96	21.14	20.94	22.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	25.38	25.51	25.42	27.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	25.44	25.53	25.45	27.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	25.40	25.52	25.41	27.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	25.41	25.48	25.46	27.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	25.38	25.51	25.38	27.00
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	25.42	25.56	25.35	27.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	25.41	25.47	25.38	27.00
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	25.45	25.52	25.39	27.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	25.40	25.54	25.41	27.00
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	25.44	25.56	25.36	27.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	25.46	25.51	25.43	27.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	25.48	25.51	25.44	27.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	25.48	25.45	25.39	27.00

【FR1 n41_FCC_Ant 5_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	15.46	15.56	15.43	16.70
100	PI/2 BPSK	1	137	15.33	15.49	15.23	16.70
100	PI/2 BPSK	1	271	15.35	15.46	15.32	16.70
100	PI/2 BPSK	135	0	15.34	15.51	15.29	16.70

100	PI/2 BPSK	135	69	15.41	15.54	15.30	16.70
100	PI/2 BPSK	135	138	15.40	15.52	15.25	16.70
100	PI/2 BPSK	270	0	15.26	15.42	15.16	16.70
100	QPSK	1	1	15.22	15.40	15.23	16.70
100	QPSK	1	137	15.43	15.58	15.33	16.70
100	QPSK	1	271	15.23	15.39	15.12	16.70
100	QPSK	135	0	15.26	15.40	15.26	16.70
100	QPSK	135	69	15.34	15.49	15.25	16.70
100	QPSK	135	138	15.32	15.49	15.26	16.70
100	QPSK	270	0	15.34	15.47	15.29	16.70
100	16QAM	1	1	15.28	15.47	15.24	16.70
100	64QAM	1	1	15.39	15.57	15.40	16.70
100	256QAM	1	1	15.29	15.40	15.22	16.70
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	15.42	15.48	15.33	16.70
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	15.34	15.43	15.32	16.70
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	15.34	15.44	15.35	16.70
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	15.36	15.48	15.42	16.70
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	15.44	15.50	15.34	16.70
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	15.45	15.45	15.29	16.70
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	15.43	15.49	15.42	16.70
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	15.34	15.55	15.38	16.70
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	15.43	15.42	15.35	16.70
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	15.37	15.51	15.28	16.70
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	15.32	15.47	15.38	16.70
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	15.34	15.43	15.33	16.70
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	15.36	15.43	15.31	16.70

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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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	17.56	17.58	17.49	18.70
100	PI/2 BPSK	1	137	17.42	17.52	17.39	18.70
100	PI/2 BPSK	1	271	17.43	17.54	17.37	18.70
100	PI/2 BPSK	135	0	17.38	17.46	17.28	18.70
100	PI/2 BPSK	135	69	17.45	17.54	17.43	18.70
100	PI/2 BPSK	135	138	17.46	17.53	17.37	18.70
100	PI/2 BPSK	270	0	17.29	17.45	17.30	18.70
100	QPSK	1	1	17.56	17.63	17.52	18.70
100	QPSK	1	137	17.47	17.56	17.40	18.70
100	QPSK	1	271	17.34	17.45	17.24	18.70
100	QPSK	135	0	17.55	17.63	17.50	18.70
100	QPSK	135	69	17.31	17.46	17.36	18.70
100	QPSK	135	138	17.37	17.45	17.31	18.70
100	QPSK	270	0	17.38	17.46	17.31	18.70
100	16QAM	1	1	17.34	17.49	17.34	18.70
100	64QAM	1	1	17.35	17.41	17.18	18.70

100	256QAM	1	1	17.50	17.62	17.39	18.70
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	17.52	17.50	17.40	18.70
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	17.42	17.50	17.47	18.70
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	17.55	17.54	17.37	18.70
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	17.54	17.49	17.43	18.70
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	17.51	17.52	17.46	18.70
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	17.53	17.44	17.45	18.70
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	17.49	17.50	17.38	18.70
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	17.49	17.54	17.39	18.70
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	17.54	17.51	17.37	18.70
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	17.47	17.46	17.41	18.70
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	17.52	17.48	17.41	18.70
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	17.55	17.54	17.43	18.70
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	17.50	17.57	17.35	18.70

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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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	22.86	22.95	22.89	24.20
100	PI/2 BPSK	1	137	22.69	22.91	22.70	24.20
100	PI/2 BPSK	1	271	22.77	22.90	22.73	24.20
100	PI/2 BPSK	135	0	22.76	22.90	22.74	24.20
100	PI/2 BPSK	135	69	22.74	22.93	22.73	24.20
100	PI/2 BPSK	135	138	22.73	22.88	22.79	24.20
100	PI/2 BPSK	270	0	22.73	22.90	22.70	24.20
100	QPSK	1	1	22.70	22.85	22.78	24.20
100	QPSK	1	137	22.65	22.88	22.77	24.20
100	QPSK	1	271	22.83	23.03	22.83	24.20
100	QPSK	135	0	22.80	23.00	22.91	24.20
100	QPSK	135	69	22.82	22.99	22.84	24.20
100	QPSK	135	138	22.82	22.98	22.88	24.20
100	QPSK	270	0	22.71	22.86	22.73	24.20
100	16QAM	1	1	22.65	22.84	22.67	24.20
100	64QAM	1	1	21.75	21.89	21.75	23.20
100	256QAM	1	1	19.86	19.97	19.81	21.20
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	22.74	22.85	22.83	24.20
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	22.74	22.89	22.77	24.20
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	22.79	22.92	22.77	24.20
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)

60	PI/2 BPSK	1	1	22.73	22.91	22.81	24.20
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	22.78	22.91	22.76	24.20
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	22.79	22.93	22.88	24.20
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	22.84	22.80	22.84	24.20
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	22.74	22.85	22.75	24.20
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	22.73	22.85	22.88	24.20
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	22.80	22.93	22.77	24.20
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	22.75	22.88	22.83	24.20
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	22.83	22.87	22.81	24.20
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	22.76	22.86	22.75	24.20

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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				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	15.46	15.56	15.43	16.70
100	PI/2 BPSK	1	137	15.33	15.49	15.23	16.70
100	PI/2 BPSK	1	271	15.35	15.46	15.32	16.70
100	PI/2 BPSK	135	0	15.34	15.51	15.29	16.70
100	PI/2 BPSK	135	69	15.41	15.54	15.30	16.70
100	PI/2 BPSK	135	138	15.40	15.52	15.25	16.70
100	PI/2 BPSK	270	0	15.26	15.42	15.16	16.70
100	QPSK	1	1	15.22	15.40	15.23	16.70
100	QPSK	1	137	15.43	15.58	15.33	16.70
100	QPSK	1	271	15.23	15.39	15.12	16.70
100	QPSK	135	0	15.26	15.40	15.26	16.70
100	QPSK	135	69	15.34	15.49	15.25	16.70
100	QPSK	135	138	15.32	15.49	15.26	16.70
100	QPSK	270	0	15.34	15.47	15.29	16.70
100	16QAM	1	1	15.28	15.47	15.24	16.70
100	64QAM	1	1	15.39	15.57	15.40	16.70
100	256QAM	1	1	15.29	15.40	15.22	16.70
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	15.42	15.48	15.33	16.70
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	15.34	15.43	15.32	16.70
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	15.34	15.44	15.35	16.70
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	15.36	15.48	15.42	16.70
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	15.44	15.50	15.34	16.70
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	15.45	15.45	15.29	16.70
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	15.43	15.49	15.42	16.70
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)

35	PI/2 BPSK	1	1	15.34	15.55	15.38	16.70
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	15.43	15.42	15.35	16.70
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	15.37	15.51	15.28	16.70
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	15.32	15.47	15.38	16.70
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	15.34	15.43	15.33	16.70
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	15.36	15.43	15.31	16.70

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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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	18.43	18.48	18.39	20.00
100	PI/2 BPSK	1	137	18.20	18.36	18.17	20.00
100	PI/2 BPSK	1	271	18.27	18.35	18.19	20.00
100	PI/2 BPSK	135	0	18.24	18.41	18.19	20.00
100	PI/2 BPSK	135	69	18.31	18.46	18.33	20.00
100	PI/2 BPSK	135	138	18.27	18.42	18.26	20.00
100	PI/2 BPSK	270	0	18.31	18.37	18.27	20.00
100	QPSK	1	1	18.23	18.39	18.21	20.00
100	QPSK	1	137	18.27	18.35	18.12	20.00
100	QPSK	1	271	18.28	18.36	18.20	20.00
100	QPSK	135	0	18.32	18.39	18.25	20.00
100	QPSK	135	69	18.13	18.31	18.20	20.00
100	QPSK	135	138	18.22	18.33	18.13	20.00
100	QPSK	270	0	18.31	18.42	18.24	20.00
100	16QAM	1	1	18.44	18.52	18.34	20.00
100	64QAM	1	1	18.22	18.30	18.15	20.00
100	256QAM	1	1	18.39	18.46	18.29	20.00
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	18.28	18.34	18.34	20.00
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	18.36	18.47	18.38	20.00
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	18.35	18.41	18.25	20.00
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	18.39	18.44	18.24	20.00
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	18.36	18.37	18.34	20.00
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	18.33	18.43	18.34	20.00
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	18.35	18.43	18.35	20.00
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	18.33	18.40	18.26	20.00
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	18.29	18.38	18.29	20.00
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	18.30	18.44	18.30	20.00
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	18.30	18.43	18.25	20.00
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)

15	PI/2 BPSK	1	1	18.40	18.46	18.36	20.00
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	18.32	18.45	18.33	20.00

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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				509202	518598	528000	Tune-up limit
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	20.43	20.48	20.39	22.00
100	PI/2 BPSK	1	137	20.29	20.47	20.35	22.00
100	PI/2 BPSK	1	271	20.29	20.37	20.19	22.00
100	PI/2 BPSK	135	0	20.36	20.44	20.26	22.00
100	PI/2 BPSK	135	69	20.32	20.48	20.35	22.00
100	PI/2 BPSK	135	138	20.23	20.39	20.15	22.00
100	PI/2 BPSK	270	0	20.33	20.44	20.23	22.00
100	QPSK	1	1	20.27	20.35	20.25	22.00
100	QPSK	1	137	20.11	20.30	20.12	22.00
100	QPSK	1	271	20.38	20.52	20.41	22.00
100	QPSK	135	0	20.27	20.33	20.10	22.00
100	QPSK	135	69	20.27	20.46	20.25	22.00
100	QPSK	135	138	20.30	20.42	20.22	22.00
100	QPSK	270	0	20.27	20.46	20.27	22.00
100	16QAM	1	1	20.40	20.47	20.28	22.00
100	64QAM	1	1	20.25	20.37	20.24	22.00
100	256QAM	1	1	20.32	20.46	20.24	22.00
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	20.38	20.36	20.36	22.00
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.38	20.42	20.27	22.00
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	20.35	20.41	20.31	22.00
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.30	20.35	20.37	22.00
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	20.37	20.36	20.35	22.00
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	20.36	20.35	20.37	22.00
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.30	20.46	20.25	22.00
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	20.31	20.42	20.32	22.00
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.33	20.36	20.28	22.00
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	20.36	20.39	20.30	22.00
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.31	20.34	20.35	22.00
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	20.36	20.37	20.32	22.00
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	20.41	20.41	20.30	22.00

【FR1 n41_ FCC_HPUE_Ant 5_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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	25.51	25.59	25.48	27.00
100	PI/2 BPSK	1	137	25.28	25.39	25.23	27.00
100	PI/2 BPSK	1	271	25.25	25.38	25.17	27.00
100	PI/2 BPSK	135	0	24.93	25.05	24.89	26.50
100	PI/2 BPSK	135	69	25.30	25.43	25.26	27.00
100	PI/2 BPSK	135	138	24.89	25.09	24.86	26.50
100	PI/2 BPSK	270	0	24.79	24.91	24.67	26.50
100	QPSK	1	1	25.17	25.35	25.14	27.00
100	QPSK	1	137	25.33	25.46	25.32	27.00
100	QPSK	1	271	25.34	25.51	25.34	27.00
100	QPSK	135	0	24.32	24.43	24.24	26.00
100	QPSK	135	69	25.23	25.42	25.24	27.00
100	QPSK	135	138	24.39	24.48	24.31	26.00
100	QPSK	270	0	24.45	24.59	24.39	26.00
100	16QAM	1	1	24.22	24.42	24.26	26.00
100	64QAM	1	1	22.85	23.00	22.85	24.50
100	256QAM	1	1	20.96	21.14	20.94	22.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	25.38	25.51	25.42	27.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	25.44	25.53	25.45	27.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	25.40	25.52	25.41	27.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	25.41	25.48	25.46	27.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	25.38	25.51	25.38	27.00
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	25.42	25.56	25.35	27.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	25.41	25.47	25.38	27.00
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	25.45	25.52	25.39	27.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	25.40	25.54	25.41	27.00
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	25.44	25.56	25.36	27.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	25.46	25.51	25.43	27.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	25.48	25.51	25.44	27.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	25.48	25.45	25.39	27.00

【FR1 n41_ FCC_HPUE_Ant 5_DSI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	18.43	18.48	18.39	20.00
100	PI/2 BPSK	1	137	18.20	18.36	18.17	20.00
100	PI/2 BPSK	1	271	18.27	18.35	18.19	20.00
100	PI/2 BPSK	135	0	18.24	18.41	18.19	20.00
100	PI/2 BPSK	135	69	18.31	18.46	18.33	20.00
100	PI/2 BPSK	135	138	18.27	18.42	18.26	20.00
100	PI/2 BPSK	270	0	18.31	18.37	18.27	20.00
100	QPSK	1	1	18.23	18.39	18.21	20.00

100	QPSK	1	137	18.27	18.35	18.12	20.00
100	QPSK	1	271	18.28	18.36	18.20	20.00
100	QPSK	135	0	18.32	18.39	18.25	20.00
100	QPSK	135	69	18.13	18.31	18.20	20.00
100	QPSK	135	138	18.22	18.33	18.13	20.00
100	QPSK	270	0	18.31	18.42	18.24	20.00
100	16QAM	1	1	18.44	18.52	18.34	20.00
100	64QAM	1	1	18.22	18.30	18.15	20.00
100	256QAM	1	1	18.39	18.46	18.29	20.00
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	18.28	18.34	18.34	20.00
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	18.36	18.47	18.38	20.00
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	18.35	18.41	18.25	20.00
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	18.39	18.44	18.24	20.00
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	18.36	18.37	18.34	20.00
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	18.33	18.43	18.34	20.00
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	18.35	18.43	18.35	20.00
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	18.33	18.40	18.26	20.00
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	18.29	18.38	18.29	20.00
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	18.30	18.44	18.30	20.00
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	18.30	18.43	18.25	20.00
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	18.40	18.46	18.36	20.00
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	18.32	18.45	18.33	20.00

【FR1 n41 __ FCC_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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	24.96	25.05	24.89	25.50
100	PI/2 BPSK	1	137	24.85	24.99	24.68	25.50
100	PI/2 BPSK	1	271	24.87	25.00	24.72	25.50
100	PI/2 BPSK	135	0	24.88	25.01	24.71	25.50
100	PI/2 BPSK	135	69	24.91	25.03	24.80	25.50
100	PI/2 BPSK	135	138	24.83	25.00	24.75	25.50
100	PI/2 BPSK	270	0	24.83	25.04	24.81	25.50
100	QPSK	1	1	24.68	24.88	24.66	25.50
100	QPSK	1	137	24.85	24.99	24.73	25.50
100	QPSK	1	271	24.74	24.93	24.66	25.50
100	QPSK	135	0	24.93	25.04	24.81	25.50
100	QPSK	135	69	24.82	25.04	24.82	25.50
100	QPSK	135	138	24.62	24.84	24.59	25.50
100	QPSK	270	0	24.77	24.96	24.68	25.50
100	16QAM	1	1	24.84	25.00	24.74	25.50
100	64QAM	1	1	23.35	23.51	23.28	24.00
100	256QAM	1	1	21.50	21.67	21.46	22.00
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	24.84	25.00	24.78	25.50

Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	24.82	25.03	24.78	25.50
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	24.88	24.98	24.79	25.50
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	24.81	25.01	24.83	25.50
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	24.91	25.03	24.84	25.50
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	24.83	24.97	24.85	25.50
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	24.91	24.99	24.80	25.50
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	24.91	24.93	24.85	25.50
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	24.88	25.00	24.77	25.50
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	24.83	25.02	24.79	25.50
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	24.93	24.91	24.80	25.50
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	24.84	24.91	24.84	25.50
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	24.87	24.98	24.85	25.50

【FR1 n41__FCC_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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	25.83	25.89	25.87	26.50
100	PI/2 BPSK	1	137	25.62	25.82	25.77	26.50
100	PI/2 BPSK	1	271	25.68	25.79	25.69	26.50
100	PI/2 BPSK	135	0	25.27	25.42	25.29	26.00
100	PI/2 BPSK	135	69	25.73	25.91	25.79	26.50
100	PI/2 BPSK	135	138	25.28	25.43	25.29	26.00
100	PI/2 BPSK	270	0	25.43	25.58	25.47	26.00
100	QPSK	1	1	25.57	25.67	25.61	26.50
100	QPSK	1	137	25.61	25.74	25.67	26.50
100	QPSK	1	271	25.65	25.81	25.69	26.50
100	QPSK	135	0	24.92	25.03	24.87	25.50
100	QPSK	135	69	25.63	25.75	25.69	26.50
100	QPSK	135	138	24.86	24.93	24.77	25.50
100	QPSK	270	0	25.06	25.13	25.05	25.50
100	16QAM	1	1	24.88	25.04	24.88	25.50
100	64QAM	1	1	23.56	23.69	23.64	24.00
100	256QAM	1	1	21.23	21.41	21.38	22.00
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	25.76	25.76	25.82	26.50
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	25.71	25.87	25.79	26.50
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	25.79	25.87	25.84	26.50
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	25.71	25.76	25.74	26.50
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	25.70	25.88	25.74	26.50

Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	25.73	25.80	25.85	26.50
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	25.77	25.79	25.80	26.50
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	25.78	25.75	25.73	26.50
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	25.80	25.80	25.79	26.50
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	25.76	25.77	25.76	26.50
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	25.76	25.87	25.77	26.50
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	25.70	25.79	25.81	26.50
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	25.71	25.75	25.79	26.50

【FR1 n41 _ FCC_Ant 6 _ DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	24.96	25.05	24.89	25.50
100	PI/2 BPSK	1	137	24.85	24.99	24.68	25.50
100	PI/2 BPSK	1	271	24.87	25.00	24.72	25.50
100	PI/2 BPSK	135	0	24.88	25.01	24.71	25.50
100	PI/2 BPSK	135	69	24.91	25.03	24.80	25.50
100	PI/2 BPSK	135	138	24.83	25.00	24.75	25.50
100	PI/2 BPSK	270	0	24.83	25.04	24.81	25.50
100	QPSK	1	1	24.68	24.88	24.66	25.50
100	QPSK	1	137	24.85	24.99	24.73	25.50
100	QPSK	1	271	24.74	24.93	24.66	25.50
100	QPSK	135	0	24.93	25.04	24.81	25.50
100	QPSK	135	69	24.82	25.04	24.82	25.50
100	QPSK	135	138	24.62	24.84	24.59	25.50
100	QPSK	270	0	24.77	24.96	24.68	25.50
100	16QAM	1	1	24.84	25.00	24.74	25.50
100	64QAM	1	1	23.35	23.51	23.28	24.00
100	256QAM	1	1	21.50	21.67	21.46	22.00
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	24.84	25.00	24.78	25.50
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	24.82	25.03	24.78	25.50
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	24.88	24.98	24.79	25.50
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	24.81	25.01	24.83	25.50
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	24.91	25.03	24.84	25.50
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	24.83	24.97	24.85	25.50
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	24.91	24.99	24.80	25.50
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	24.91	24.93	24.85	25.50
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	24.88	25.00	24.77	25.50

Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	24.83	25.02	24.79	25.50
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	24.93	24.91	24.80	25.50
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	24.84	24.91	24.84	25.50
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	24.87	24.98	24.85	25.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	18.41	18.46	18.29	19.00
100	PI/2 BPSK	1	137	18.20	18.38	18.10	19.00
100	PI/2 BPSK	1	271	18.36	18.42	18.11	19.00
100	PI/2 BPSK	135	0	18.25	18.43	18.22	19.00
100	PI/2 BPSK	135	69	18.35	18.45	18.13	19.00
100	PI/2 BPSK	135	138	18.26	18.41	18.22	19.00
100	PI/2 BPSK	270	0	18.21	18.38	18.19	19.00
100	QPSK	1	1	18.18	18.37	18.09	19.00
100	QPSK	1	137	18.32	18.41	18.18	19.00
100	QPSK	1	271	18.19	18.36	18.07	19.00
100	QPSK	135	0	18.30	18.39	18.09	19.00
100	QPSK	135	69	18.15	18.33	18.08	19.00
100	QPSK	135	138	18.16	18.35	18.04	19.00
100	QPSK	270	0	18.08	18.27	18.04	19.00
100	16QAM	1	1	18.19	18.28	18.01	19.00
100	64QAM	1	1	18.12	18.23	17.92	19.00
100	256QAM	1	1	18.14	18.26	18.04	19.00
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	18.39	18.43	18.24	19.00
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	18.28	18.34	18.26	19.00
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	18.39	18.37	18.20	19.00
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	18.29	18.38	18.23	19.00
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	18.36	18.35	18.22	19.00
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	18.38	18.44	18.15	19.00
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	18.33	18.39	18.27	19.00
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	18.36	18.44	18.20	19.00
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	18.37	18.31	18.14	19.00
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	18.31	18.43	18.18	19.00
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	18.31	18.44	18.20	19.00
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	18.32	18.44	18.20	19.00
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	18.33	18.44	18.25	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	18.41	18.46	18.29	19.00
100	PI/2 BPSK	1	137	18.20	18.38	18.10	19.00
100	PI/2 BPSK	1	271	18.36	18.42	18.11	19.00
100	PI/2 BPSK	135	0	18.25	18.43	18.22	19.00
100	PI/2 BPSK	135	69	18.35	18.45	18.13	19.00
100	PI/2 BPSK	135	138	18.26	18.41	18.22	19.00
100	PI/2 BPSK	270	0	18.21	18.38	18.19	19.00
100	QPSK	1	1	18.18	18.37	18.09	19.00
100	QPSK	1	137	18.32	18.41	18.18	19.00
100	QPSK	1	271	18.19	18.36	18.07	19.00
100	QPSK	135	0	18.30	18.39	18.09	19.00
100	QPSK	135	69	18.15	18.33	18.08	19.00
100	QPSK	135	138	18.16	18.35	18.04	19.00
100	QPSK	270	0	18.08	18.27	18.04	19.00
100	16QAM	1	1	18.19	18.28	18.01	19.00
100	64QAM	1	1	18.12	18.23	17.92	19.00
100	256QAM	1	1	18.14	18.26	18.04	19.00
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	18.39	18.43	18.24	19.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	18.28	18.34	18.26	19.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	18.39	18.37	18.20	19.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	18.29	18.38	18.23	19.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	18.36	18.35	18.22	19.00
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	18.38	18.44	18.15	19.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	18.33	18.39	18.27	19.00
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	18.36	18.44	18.20	19.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	18.37	18.31	18.14	19.00
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	18.31	18.43	18.18	19.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	18.31	18.44	18.20	19.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	18.32	18.44	18.20	19.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	18.33	18.44	18.25	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	18.41	18.46	18.29	19.00
100	PI/2 BPSK	1	137	18.20	18.38	18.10	19.00
100	PI/2 BPSK	1	271	18.36	18.42	18.11	19.00
100	PI/2 BPSK	135	0	18.25	18.43	18.22	19.00
100	PI/2 BPSK	135	69	18.35	18.45	18.13	19.00
100	PI/2 BPSK	135	138	18.26	18.41	18.22	19.00
100	PI/2 BPSK	270	0	18.21	18.38	18.19	19.00
100	QPSK	1	1	18.18	18.37	18.09	19.00
100	QPSK	1	137	18.32	18.41	18.18	19.00
100	QPSK	1	271	18.19	18.36	18.07	19.00
100	QPSK	135	0	18.30	18.39	18.09	19.00
100	QPSK	135	69	18.15	18.33	18.08	19.00
100	QPSK	135	138	18.16	18.35	18.04	19.00
100	QPSK	270	0	18.08	18.27	18.04	19.00
100	16QAM	1	1	18.19	18.28	18.01	19.00
100	64QAM	1	1	18.12	18.23	17.92	19.00
100	256QAM	1	1	18.14	18.26	18.04	19.00
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	18.39	18.43	18.24	19.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	18.28	18.34	18.26	19.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	18.39	18.37	18.20	19.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	18.29	18.38	18.23	19.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	18.36	18.35	18.22	19.00
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	18.38	18.44	18.15	19.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	18.33	18.39	18.27	19.00
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	18.36	18.44	18.20	19.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	18.37	18.31	18.14	19.00
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	18.31	18.43	18.18	19.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	18.31	18.44	18.20	19.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	18.32	18.44	18.20	19.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	18.33	18.44	18.25	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	25.83	25.89	25.87	26.50
100	PI/2 BPSK	1	137	25.62	25.82	25.77	26.50
100	PI/2 BPSK	1	271	25.68	25.79	25.69	26.50
100	PI/2 BPSK	135	0	25.27	25.42	25.29	26.00
100	PI/2 BPSK	135	69	25.73	25.91	25.79	26.50

100	PI/2 BPSK	135	138	25.28	25.43	25.29	26.00
100	PI/2 BPSK	270	0	25.43	25.58	25.47	26.00
100	QPSK	1	1	25.57	25.67	25.61	26.50
100	QPSK	1	137	25.61	25.74	25.67	26.50
100	QPSK	1	271	25.65	25.81	25.69	26.50
100	QPSK	135	0	24.92	25.03	24.87	25.50
100	QPSK	135	69	25.63	25.75	25.69	26.50
100	QPSK	135	138	24.86	24.93	24.77	25.50
100	QPSK	270	0	25.06	25.13	25.05	25.50
100	16QAM	1	1	24.88	25.04	24.88	25.50
100	64QAM	1	1	23.56	23.69	23.64	24.00
100	256QAM	1	1	21.23	21.41	21.38	22.00
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	25.76	25.76	25.82	26.50
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	25.71	25.87	25.79	26.50
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	25.79	25.87	25.84	26.50
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	25.71	25.76	25.74	26.50
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	25.70	25.88	25.74	26.50
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	25.73	25.80	25.85	26.50
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	25.77	25.79	25.80	26.50
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	25.78	25.75	25.73	26.50
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	25.80	25.80	25.79	26.50
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	25.76	25.77	25.76	26.50
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	25.76	25.87	25.77	26.50
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	25.70	25.79	25.81	26.50
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	25.71	25.75	25.79	26.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	21.43	21.48	21.39	22.00
100	PI/2 BPSK	1	137	21.23	21.31	21.09	22.00
100	PI/2 BPSK	1	271	21.41	21.48	21.32	22.00
100	PI/2 BPSK	135	0	21.27	21.41	21.22	22.00
100	PI/2 BPSK	135	69	21.30	21.47	21.32	22.00
100	PI/2 BPSK	135	138	21.30	21.43	21.19	22.00
100	PI/2 BPSK	270	0	21.19	21.32	21.10	22.00
100	QPSK	1	1	21.26	21.44	21.28	22.00
100	QPSK	1	137	21.26	21.43	21.32	22.00
100	QPSK	1	271	21.25	21.42	21.22	22.00
100	QPSK	135	0	21.30	21.41	21.28	22.00
100	QPSK	135	69	21.17	21.30	21.14	22.00
100	QPSK	135	138	21.31	21.46	21.36	22.00
100	QPSK	270	0	21.26	21.35	21.17	22.00
100	16QAM	1	1	21.26	21.43	21.22	22.00
100	64QAM	1	1	21.37	21.47	21.25	22.00
100	256QAM	1	1	21.29	21.36	21.18	22.00

	Channel			508200	518598	528996	Tune-up limit
	Frequency (MHz)			2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	21.36	21.46	21.30	22.00
	Channel			507204	518598	529998	Tune-up limit
	Frequency (MHz)			2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	21.40	21.36	21.28	22.00
	Channel			506202	518598	531000	Tune-up limit
	Frequency (MHz)			2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	21.40	21.35	21.36	22.00
	Channel			505200	518598	531996	Tune-up limit
	Frequency (MHz)			2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	21.40	21.41	21.29	22.00
	Channel			504204	518598	532998	Tune-up limit
	Frequency (MHz)			2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	21.31	21.41	21.28	22.00
	Channel			503700	518598	533496	Tune-up limit
	Frequency (MHz)			2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	21.39	21.34	21.24	22.00
	Channel			503202	518598	534000	Tune-up limit
	Frequency (MHz)			2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	21.34	21.47	21.33	22.00
	Channel			502704	518598	534498	Tune-up limit
	Frequency (MHz)			2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	21.29	21.46	21.25	22.00
	Channel			502200	518598	534996	Tune-up limit
	Frequency (MHz)			2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	21.37	21.33	21.33	22.00
	Channel			501702	518598	535500	Tune-up limit
	Frequency (MHz)			2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	21.38	21.46	21.27	22.00
	Channel			501204	518598	535998	Tune-up limit
	Frequency (MHz)			2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	21.34	21.37	21.32	22.00
	Channel			500700	518598	536496	Tune-up limit
	Frequency (MHz)			2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	21.40	21.40	21.25	22.00
	Channel			500202	518598	537000	Tune-up limit
	Frequency (MHz)			2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	21.28	21.40	21.29	22.00

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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			509202	518598	528000	
	Frequency (MHz)			2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	21.43	21.48	21.39	22.00
100	PI/2 BPSK	1	137	21.23	21.31	21.09	22.00
100	PI/2 BPSK	1	271	21.41	21.48	21.32	22.00
100	PI/2 BPSK	135	0	21.27	21.41	21.22	22.00
100	PI/2 BPSK	135	69	21.30	21.47	21.32	22.00
100	PI/2 BPSK	135	138	21.30	21.43	21.19	22.00
100	PI/2 BPSK	270	0	21.19	21.32	21.10	22.00
100	QPSK	1	1	21.26	21.44	21.28	22.00
100	QPSK	1	137	21.26	21.43	21.32	22.00
100	QPSK	1	271	21.25	21.42	21.22	22.00
100	QPSK	135	0	21.30	21.41	21.28	22.00
100	QPSK	135	69	21.17	21.30	21.14	22.00
100	QPSK	135	138	21.31	21.46	21.36	22.00
100	QPSK	270	0	21.26	21.35	21.17	22.00
100	16QAM	1	1	21.26	21.43	21.22	22.00
100	64QAM	1	1	21.37	21.47	21.25	22.00
100	256QAM	1	1	21.29	21.36	21.18	22.00
	Channel			508200	518598	528996	Tune-up limit
	Frequency (MHz)			2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	21.36	21.46	21.30	22.00
	Channel			507204	518598	529998	Tune-up limit
	Frequency (MHz)			2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	21.40	21.36	21.28	22.00
	Channel			506202	518598	531000	Tune-up limit
	Frequency (MHz)			2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	21.40	21.35	21.36	22.00
	Channel			505200	518598	531996	Tune-up limit
	Frequency (MHz)			2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	21.40	21.41	21.29	22.00

Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	21.31	21.41	21.28	22.00
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	21.39	21.34	21.24	22.00
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	21.34	21.47	21.33	22.00
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	21.29	21.46	21.25	22.00
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	21.37	21.33	21.33	22.00
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	21.38	21.46	21.27	22.00
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	21.34	21.37	21.32	22.00
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	21.40	21.40	21.25	22.00
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	21.28	21.40	21.29	22.00

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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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	21.43	21.48	21.39	22.00
100	PI/2 BPSK	1	137	21.23	21.31	21.09	22.00
100	PI/2 BPSK	1	271	21.41	21.48	21.32	22.00
100	PI/2 BPSK	135	0	21.27	21.41	21.22	22.00
100	PI/2 BPSK	135	69	21.30	21.47	21.32	22.00
100	PI/2 BPSK	135	138	21.30	21.43	21.19	22.00
100	PI/2 BPSK	270	0	21.19	21.32	21.10	22.00
100	QPSK	1	1	21.26	21.44	21.28	22.00
100	QPSK	1	137	21.26	21.43	21.32	22.00
100	QPSK	1	271	21.25	21.42	21.22	22.00
100	QPSK	135	0	21.30	21.41	21.28	22.00
100	QPSK	135	69	21.17	21.30	21.14	22.00
100	QPSK	135	138	21.31	21.46	21.36	22.00
100	QPSK	270	0	21.26	21.35	21.17	22.00
100	16QAM	1	1	21.26	21.43	21.22	22.00
100	64QAM	1	1	21.37	21.47	21.25	22.00
100	256QAM	1	1	21.29	21.36	21.18	22.00
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	21.36	21.46	21.30	22.00
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	21.40	21.36	21.28	22.00
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	21.40	21.35	21.36	22.00
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	21.40	21.41	21.29	22.00
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	21.31	21.41	21.28	22.00
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	21.39	21.34	21.24	22.00
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	21.34	21.47	21.33	22.00
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	21.29	21.46	21.25	22.00

Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	21.37	21.33	21.33	22.00
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	21.38	21.46	21.27	22.00
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	21.34	21.37	21.32	22.00
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	21.40	21.40	21.25	22.00
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	21.28	21.40	21.29	22.00

【FR1 n41_FCC_Ant 7_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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	24.95	25.03	24.89	25.50
100	PI/2 BPSK	1	137	24.85	24.98	24.71	25.50
100	PI/2 BPSK	1	271	24.90	25.02	24.75	25.50
100	PI/2 BPSK	135	0	24.71	24.84	24.57	25.50
100	PI/2 BPSK	135	69	24.82	24.95	24.66	25.50
100	PI/2 BPSK	135	138	24.83	24.90	24.76	25.50
100	PI/2 BPSK	270	0	24.65	24.85	24.62	25.50
100	QPSK	1	1	24.90	25.01	24.85	25.50
100	QPSK	1	137	24.60	24.83	24.58	25.50
100	QPSK	1	271	24.74	24.96	24.68	25.50
100	QPSK	135	0	24.63	24.84	24.64	25.50
100	QPSK	135	69	24.76	24.99	24.79	25.50
100	QPSK	135	138	24.94	25.04	24.87	25.50
100	QPSK	270	0	24.84	25.03	24.77	25.50
100	16QAM	1	1	24.82	24.96	24.79	25.50
100	64QAM	1	1	23.39	23.54	23.28	24.00
100	256QAM	1	1	21.37	21.52	21.29	22.00
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	24.84	24.95	24.74	25.50
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	24.87	24.99	24.75	25.50
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	24.82	24.98	24.78	25.50
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	24.86	25.00	24.87	25.50
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	24.94	24.94	24.77	25.50
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	24.81	24.96	24.87	25.50
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	24.87	24.90	24.75	25.50
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	24.94	24.91	24.83	25.50
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	24.93	24.90	24.76	25.50
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	24.85	24.97	24.76	25.50
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	24.94	24.95	24.85	25.50
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	24.86	24.95	24.86	25.50

Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	24.91	24.89	24.85	25.50

【FR1 n41 __FCC_HPUE_Ant 7_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				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	25.79	25.97	25.83	26.50
100	PI/2 BPSK	1	137	25.75	25.94	25.68	26.50
100	PI/2 BPSK	1	271	25.62	25.93	25.69	26.50
100	PI/2 BPSK	135	0	25.28	25.54	25.33	26.00
100	PI/2 BPSK	135	69	25.65	25.93	25.67	26.50
100	PI/2 BPSK	135	138	25.10	25.36	25.16	26.00
100	PI/2 BPSK	270	0	25.37	25.57	25.29	26.00
100	QPSK	1	1	25.57	25.86	25.69	26.50
100	QPSK	1	137	25.67	25.91	25.66	26.50
100	QPSK	1	271	25.65	25.97	25.75	26.50
100	QPSK	135	0	24.82	25.04	24.79	25.50
100	QPSK	135	69	25.79	25.98	25.80	26.50
100	QPSK	135	138	24.78	25.01	24.84	25.50
100	QPSK	270	0	24.92	25.11	24.84	25.50
100	16QAM	1	1	24.71	25.03	24.77	25.50
100	64QAM	1	1	23.55	23.75	23.57	24.00
100	256QAM	1	1	21.41	21.65	21.46	22.00
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	25.67	25.90	25.72	26.50
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	25.70	25.85	25.72	26.50
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	25.72	25.90	25.73	26.50
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	25.69	25.85	25.82	26.50
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	25.69	25.96	25.71	26.50
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	25.75	25.91	25.73	26.50
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	25.64	25.88	25.75	26.50
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	25.78	25.95	25.71	26.50
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	25.65	25.95	25.76	26.50
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	25.72	25.88	25.78	26.50
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	25.77	25.83	25.78	26.50
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	25.78	25.90	25.71	26.50
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	25.73	25.89	25.68	26.50

【FR1 n41__FCC_Ant 7_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	16.57	16.60	16.55	17.00
100	PI/2 BPSK	1	137	16.46	16.55	16.37	17.00
100	PI/2 BPSK	1	271	16.40	16.47	16.28	17.00
100	PI/2 BPSK	135	0	16.43	16.55	16.43	17.00
100	PI/2 BPSK	135	69	16.47	16.58	16.42	17.00
100	PI/2 BPSK	135	138	16.40	16.51	16.35	17.00
100	PI/2 BPSK	270	0	16.45	16.59	16.51	17.00
100	QPSK	1	1	16.33	16.47	16.28	17.00
100	QPSK	1	137	16.37	16.46	16.34	17.00
100	QPSK	1	271	16.41	16.58	16.46	17.00
100	QPSK	135	0	16.48	16.52	16.40	17.00
100	QPSK	135	69	16.37	16.48	16.40	17.00
100	QPSK	135	138	16.40	16.51	16.37	17.00
100	QPSK	270	0	16.47	16.61	16.42	17.00
100	16QAM	1	1	16.43	16.56	16.39	17.00
100	64QAM	1	1	16.43	16.49	16.39	17.00
100	256QAM	1	1	16.51	16.62	16.54	17.00
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	16.45	16.54	16.41	17.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	16.55	16.55	16.50	17.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	16.44	16.50	16.49	17.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	16.44	16.47	16.50	17.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	16.50	16.56	16.51	17.00
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	16.56	16.46	16.54	17.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	16.55	16.49	16.53	17.00
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	16.50	16.49	16.42	17.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	16.50	16.49	16.41	17.00
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	16.43	16.48	16.48	17.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	16.55	16.57	16.44	17.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	16.49	16.56	16.46	17.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	16.53	16.54	16.50	17.00

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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				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	19.11	19.12	19.06	19.50
100	PI/2 BPSK	1	137	18.91	18.99	18.82	19.50
100	PI/2 BPSK	1	271	18.91	19.03	18.94	19.50
100	PI/2 BPSK	135	0	18.97	19.05	18.92	19.50
100	PI/2 BPSK	135	69	18.98	19.10	18.94	19.50
100	PI/2 BPSK	135	138	18.93	19.05	18.87	19.50
100	PI/2 BPSK	270	0	18.94	19.08	18.90	19.50
100	QPSK	1	1	18.85	18.95	18.77	19.50
100	QPSK	1	137	18.92	18.96	18.76	19.50
100	QPSK	1	271	18.93	19.05	18.92	19.50
100	QPSK	135	0	18.91	18.98	18.86	19.50
100	QPSK	135	69	19.01	19.10	18.98	19.50
100	QPSK	135	138	18.96	19.06	18.93	19.50
100	QPSK	270	0	18.82	18.96	18.78	19.50
100	16QAM	1	1	18.86	18.96	18.84	19.50
100	64QAM	1	1	18.89	19.02	18.95	19.50
100	256QAM	1	1	18.92	19.03	18.95	19.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	19.09	19.06	19.02	19.50
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	19.07	19.11	19.01	19.50
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	19.04	19.04	19.04	19.50
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	18.99	19.03	19.00	19.50
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	19.04	19.03	19.04	19.50
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	18.96	19.04	18.92	19.50
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	19.00	19.07	18.92	19.50
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	19.08	19.04	19.01	19.50
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	19.04	19.06	18.95	19.50
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	19.00	19.00	19.02	19.50
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	19.10	19.04	18.94	19.50
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	19.02	19.10	18.97	19.50
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	19.00	19.11	19.04	19.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	19.11	19.12	19.06	19.50
100	PI/2 BPSK	1	137	18.91	18.99	18.82	19.50
100	PI/2 BPSK	1	271	18.91	19.03	18.94	19.50
100	PI/2 BPSK	135	0	18.97	19.05	18.92	19.50
100	PI/2 BPSK	135	69	18.98	19.10	18.94	19.50
100	PI/2 BPSK	135	138	18.93	19.05	18.87	19.50
100	PI/2 BPSK	270	0	18.94	19.08	18.90	19.50
100	QPSK	1	1	18.85	18.95	18.77	19.50

100	QPSK	1	137	18.92	18.96	18.76	19.50
100	QPSK	1	271	18.93	19.05	18.92	19.50
100	QPSK	135	0	18.91	18.98	18.86	19.50
100	QPSK	135	69	19.01	19.10	18.98	19.50
100	QPSK	135	138	18.96	19.06	18.93	19.50
100	QPSK	270	0	18.82	18.96	18.78	19.50
100	16QAM	1	1	18.86	18.96	18.84	19.50
100	64QAM	1	1	18.89	19.02	18.95	19.50
100	256QAM	1	1	18.92	19.03	18.95	19.50
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	19.09	19.06	19.02	19.50
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	19.07	19.11	19.01	19.50
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	19.04	19.04	19.04	19.50
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	18.99	19.03	19.00	19.50
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	19.04	19.03	19.04	19.50
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	18.96	19.04	18.92	19.50
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	19.00	19.07	18.92	19.50
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	19.08	19.04	19.01	19.50
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	19.04	19.06	18.95	19.50
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	19.00	19.00	19.02	19.50
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	19.10	19.04	18.94	19.50
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	19.02	19.10	18.97	19.50
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	19.00	19.11	19.04	19.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	16.57	16.60	16.55	17.00
100	PI/2 BPSK	1	137	16.46	16.55	16.37	17.00
100	PI/2 BPSK	1	271	16.40	16.47	16.28	17.00
100	PI/2 BPSK	135	0	16.43	16.55	16.43	17.00
100	PI/2 BPSK	135	69	16.47	16.58	16.42	17.00
100	PI/2 BPSK	135	138	16.40	16.51	16.35	17.00
100	PI/2 BPSK	270	0	16.45	16.59	16.51	17.00
100	QPSK	1	1	16.33	16.47	16.28	17.00
100	QPSK	1	137	16.37	16.46	16.34	17.00
100	QPSK	1	271	16.41	16.58	16.46	17.00
100	QPSK	135	0	16.48	16.52	16.40	17.00
100	QPSK	135	69	16.37	16.48	16.40	17.00
100	QPSK	135	138	16.40	16.51	16.37	17.00
100	QPSK	270	0	16.47	16.61	16.42	17.00
100	16QAM	1	1	16.43	16.56	16.39	17.00
100	64QAM	1	1	16.43	16.49	16.39	17.00
100	256QAM	1	1	16.51	16.62	16.54	17.00
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	16.45	16.54	16.41	17.00

	Channel			507204	518598	529998	Tune-up limit
	Frequency (MHz)			2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	16.55	16.55	16.50	17.00
	Channel			506202	518598	531000	Tune-up limit
	Frequency (MHz)			2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	16.44	16.50	16.49	17.00
	Channel			505200	518598	531996	Tune-up limit
	Frequency (MHz)			2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	16.44	16.47	16.50	17.00
	Channel			504204	518598	532998	Tune-up limit
	Frequency (MHz)			2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	16.50	16.56	16.51	17.00
	Channel			503700	518598	533496	Tune-up limit
	Frequency (MHz)			2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	16.56	16.46	16.54	17.00
	Channel			503202	518598	534000	Tune-up limit
	Frequency (MHz)			2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	16.55	16.49	16.53	17.00
	Channel			502704	518598	534498	Tune-up limit
	Frequency (MHz)			2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	16.50	16.49	16.42	17.00
	Channel			502200	518598	534996	Tune-up limit
	Frequency (MHz)			2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	16.50	16.49	16.41	17.00
	Channel			501702	518598	535500	Tune-up limit
	Frequency (MHz)			2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	16.43	16.48	16.48	17.00
	Channel			501204	518598	535998	Tune-up limit
	Frequency (MHz)			2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	16.55	16.57	16.44	17.00
	Channel			500700	518598	536496	Tune-up limit
	Frequency (MHz)			2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	16.49	16.56	16.46	17.00
	Channel			500202	518598	537000	Tune-up limit
	Frequency (MHz)			2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	16.53	16.54	16.50	17.00

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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			509202	518598	528000	
	Frequency (MHz)			2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	19.59	19.62	19.55	20.00
100	PI/2 BPSK	1	137	19.39	19.48	19.36	20.00
100	PI/2 BPSK	1	271	19.36	19.42	19.25	20.00
100	PI/2 BPSK	135	0	19.37	19.46	19.35	20.00
100	PI/2 BPSK	135	69	19.40	19.59	19.48	20.00
100	PI/2 BPSK	135	138	19.47	19.57	19.39	20.00
100	PI/2 BPSK	270	0	19.51	19.67	19.55	20.00
100	QPSK	1	1	19.43	19.51	19.33	20.00
100	QPSK	1	137	19.34	19.42	19.23	20.00
100	QPSK	1	271	19.44	19.51	19.42	20.00
100	QPSK	135	0	19.41	19.47	19.35	20.00
100	QPSK	135	69	19.29	19.42	19.34	20.00
100	QPSK	135	138	19.29	19.44	19.34	20.00
100	QPSK	270	0	19.46	19.55	19.42	20.00
100	16QAM	1	1	19.39	19.57	19.42	20.00
100	64QAM	1	1	19.38	19.43	19.30	20.00
100	256QAM	1	1	19.49	19.60	19.43	20.00
	Channel			508200	518598	528996	Tune-up limit
	Frequency (MHz)			2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	19.54	19.49	19.53	20.00
	Channel			507204	518598	529998	Tune-up limit
	Frequency (MHz)			2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	19.53	19.50	19.54	20.00
	Channel			506202	518598	531000	Tune-up limit
	Frequency (MHz)			2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	19.54	19.55	19.42	20.00
	Channel			505200	518598	531996	Tune-up limit
	Frequency (MHz)			2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	19.54	19.55	19.48	20.00
	Channel			504204	518598	532998	Tune-up limit
	Frequency (MHz)			2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	19.50	19.54	19.50	20.00

Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	19.48	19.57	19.42	20.00
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	19.56	19.48	19.41	20.00
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	19.51	19.57	19.41	20.00
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	19.49	19.55	19.52	20.00
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	19.47	19.51	19.45	20.00
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	19.47	19.59	19.51	20.00
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	19.54	19.53	19.45	20.00
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	19.53	19.54	19.53	20.00

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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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	22.15	22.19	22.17	22.50
100	PI/2 BPSK	1	137	21.87	22.04	21.97	22.50
100	PI/2 BPSK	1	271	21.97	22.08	21.94	22.50
100	PI/2 BPSK	135	0	21.90	21.97	21.83	22.50
100	PI/2 BPSK	135	69	22.00	22.10	21.96	22.50
100	PI/2 BPSK	135	138	21.97	22.03	21.89	22.50
100	PI/2 BPSK	270	0	21.99	22.08	22.01	22.50
100	QPSK	1	1	21.80	21.94	21.91	22.50
100	QPSK	1	137	21.88	21.95	21.86	22.50
100	QPSK	1	271	21.93	22.00	21.93	22.50
100	QPSK	135	0	21.76	21.93	21.88	22.50
100	QPSK	135	69	22.09	22.16	22.11	22.50
100	QPSK	135	138	21.91	22.08	21.93	22.50
100	QPSK	270	0	21.87	22.04	21.93	22.50
100	16QAM	1	1	21.87	22.01	21.89	22.50
100	64QAM	1	1	21.95	22.08	21.97	22.50
100	256QAM	1	1	21.49	21.65	21.58	22.00
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	22.00	22.10	22.10	22.50
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	22.06	22.16	22.07	22.50
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	22.14	22.12	22.08	22.50
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	22.06	22.05	22.09	22.50
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	22.12	22.14	22.06	22.50
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	22.02	22.07	22.03	22.50
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	22.01	22.09	22.11	22.50
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	22.03	22.10	22.10	22.50
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	22.08	22.12	22.05	22.50

Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	22.13	22.12	22.14	22.50
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	22.02	22.09	22.15	22.50
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	22.13	22.07	22.06	22.50
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	22.03	22.10	22.02	22.50

【FR1 n41_FCC_HPUE_Ant 7_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				509202	518598	528000	Tune-up limit
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	22.15	22.19	22.17	22.50
100	PI/2 BPSK	1	137	21.87	22.04	21.97	22.50
100	PI/2 BPSK	1	271	21.97	22.08	21.94	22.50
100	PI/2 BPSK	135	0	21.90	21.97	21.83	22.50
100	PI/2 BPSK	135	69	22.00	22.10	21.96	22.50
100	PI/2 BPSK	135	138	21.97	22.03	21.89	22.50
100	PI/2 BPSK	270	0	21.99	22.08	22.01	22.50
100	QPSK	1	1	21.80	21.94	21.91	22.50
100	QPSK	1	137	21.88	21.95	21.86	22.50
100	QPSK	1	271	21.93	22.00	21.93	22.50
100	QPSK	135	0	21.76	21.93	21.88	22.50
100	QPSK	135	69	22.09	22.16	22.11	22.50
100	QPSK	135	138	21.91	22.08	21.93	22.50
100	QPSK	270	0	21.87	22.04	21.93	22.50
100	16QAM	1	1	21.87	22.01	21.89	22.50
100	64QAM	1	1	21.95	22.08	21.97	22.50
100	256QAM	1	1	21.49	21.65	21.58	22.00
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	22.00	22.10	22.10	22.50
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	22.06	22.16	22.07	22.50
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	22.14	22.12	22.08	22.50
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	22.06	22.05	22.09	22.50
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	22.12	22.14	22.06	22.50
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	22.02	22.07	22.03	22.50
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	22.01	22.09	22.11	22.50
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	22.03	22.10	22.10	22.50
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	22.08	22.12	22.05	22.50
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	22.13	22.12	22.14	22.50
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	22.02	22.09	22.15	22.50
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	22.13	22.07	22.06	22.50
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	22.03	22.10	22.02	22.50

【FR1 n41 FCC_HPUE_Ant 7 DSI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	19.59	19.62	19.55	20.00
100	PI/2 BPSK	1	137	19.39	19.48	19.36	20.00
100	PI/2 BPSK	1	271	19.36	19.42	19.25	20.00
100	PI/2 BPSK	135	0	19.37	19.46	19.35	20.00
100	PI/2 BPSK	135	69	19.40	19.59	19.48	20.00
100	PI/2 BPSK	135	138	19.47	19.57	19.39	20.00
100	PI/2 BPSK	270	0	19.51	19.67	19.55	20.00
100	QPSK	1	1	19.43	19.51	19.33	20.00
100	QPSK	1	137	19.34	19.42	19.23	20.00
100	QPSK	1	271	19.44	19.51	19.42	20.00
100	QPSK	135	0	19.41	19.47	19.35	20.00
100	QPSK	135	69	19.29	19.42	19.34	20.00
100	QPSK	135	138	19.29	19.44	19.34	20.00
100	QPSK	270	0	19.46	19.55	19.42	20.00
100	16QAM	1	1	19.39	19.57	19.42	20.00
100	64QAM	1	1	19.38	19.43	19.30	20.00
100	256QAM	1	1	19.49	19.60	19.43	20.00
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	19.54	19.49	19.53	20.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	19.53	19.50	19.54	20.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	19.54	19.55	19.42	20.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	19.54	19.55	19.48	20.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	19.50	19.54	19.50	20.00
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	19.48	19.57	19.42	20.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	19.56	19.48	19.41	20.00
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	19.51	19.57	19.41	20.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	19.49	19.55	19.52	20.00
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	19.47	19.51	19.45	20.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	19.47	19.59	19.51	20.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	19.54	19.53	19.45	20.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	19.53	19.54	19.53	20.00

【FR1 n48_FCC_Part 96 IC_RSS-192 (3550~3700MHz)_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				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	24.12	24.15	24.02	25.00
40	PI/2 BPSK	1	53	23.88	24.02	23.77	25.00
40	PI/2 BPSK	1	104	24.02	24.14	23.94	25.00
40	PI/2 BPSK	50	0	23.58	23.68	23.46	24.50
40	PI/2 BPSK	50	28	24.13	24.13	23.92	25.00
40	PI/2 BPSK	50	56	23.52	23.64	23.49	24.50
40	PI/2 BPSK	100	0	23.72	23.76	23.55	24.50
40	QPSK	1	1	23.79	23.83	23.56	25.00
40	QPSK	1	53	23.89	23.99	23.82	25.00
40	QPSK	1	104	23.83	23.95	23.72	25.00
40	QPSK	50	0	23.05	23.15	22.88	24.00
40	QPSK	50	28	24.05	24.10	23.86	25.00
40	QPSK	50	56	22.85	23.02	22.86	24.00
40	QPSK	100	0	23.23	23.28	23.08	24.00
40	16QAM	1	1	23.14	23.20	23.03	24.00
40	64QAM	1	1	21.65	21.74	21.58	22.50
40	256QAM	1	1	19.62	19.67	19.55	20.50
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	23.98	24.10	23.96	25.00
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	23.99	24.08	23.97	25.00
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	24.11	24.13	23.97	25.00
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	24.07	24.05	23.93	25.00

【FR1 n48_FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant
8_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	15.22	15.24	15.18	16.00
40	PI/2 BPSK	1	53	15.16	15.19	15.09	16.00
40	PI/2 BPSK	1	104	15.01	15.06	14.87	16.00
40	PI/2 BPSK	50	0	15.12	15.18	15.02	16.00
40	PI/2 BPSK	50	28	15.09	15.21	15.11	16.00
40	PI/2 BPSK	50	56	15.08	15.13	14.98	16.00
40	PI/2 BPSK	100	0	14.94	15.10	15.00	16.00
40	QPSK	1	1	14.92	15.08	14.97	16.00
40	QPSK	1	53	15.06	15.21	15.02	16.00
40	QPSK	1	104	15.01	15.17	15.07	16.00
40	QPSK	50	0	15.02	15.05	14.98	16.00
40	QPSK	50	28	14.92	15.05	14.94	16.00
40	QPSK	50	56	15.05	15.12	14.99	16.00
40	QPSK	100	0	15.06	15.23	15.15	16.00
40	16QAM	1	1	15.02	15.16	15.08	16.00
40	64QAM	1	1	15.05	15.15	15.07	16.00
40	256QAM	1	1	15.08	15.21	15.00	16.00
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	15.09	15.14	15.14	16.00
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	15.11	15.12	15.10	16.00
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	15.14	15.19	15.11	16.00
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	15.11	15.17	15.05	16.00

【FR1 n48_FCC_Part 96 IC_RSS-192 (3550~3700MHz)_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				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	17.68	17.69	17.63	18.50
40	PI/2 BPSK	1	53	17.45	17.61	17.42	18.50
40	PI/2 BPSK	1	104	17.58	17.63	17.47	18.50
40	PI/2 BPSK	50	0	17.46	17.62	17.45	18.00
40	PI/2 BPSK	50	28	17.59	17.66	17.47	18.50
40	PI/2 BPSK	50	56	17.44	17.59	17.38	18.00
40	PI/2 BPSK	100	0	17.49	17.65	17.53	18.00
40	QPSK	1	1	17.48	17.62	17.53	18.50
40	QPSK	1	53	17.44	17.61	17.48	18.50
40	QPSK	1	104	17.55	17.64	17.52	18.50
40	QPSK	50	0	17.60	17.65	17.50	18.50
40	QPSK	50	28	17.62	17.67	17.55	18.50
40	QPSK	50	56	17.52	17.58	17.48	18.50
40	QPSK	100	0	17.48	17.62	17.51	18.50
40	16QAM	1	1	17.43	17.59	17.44	18.50
40	64QAM	1	1	17.42	17.57	17.49	18.50
40	256QAM	1	1	17.49	17.63	17.55	18.50
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	17.51	17.64	17.53	18.50
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	17.63	17.64	17.60	18.50
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	17.61	17.66	17.61	18.50
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	17.52	17.55	17.61	18.50

【FR1 n48_FCC_Part 96 IC_RSS-192 (3550~3700MHz)_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				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	22.20	22.24	22.23	23.00
40	PI/2 BPSK	1	53	22.01	22.15	22.00	23.00
40	PI/2 BPSK	1	104	22.06	22.14	22.02	23.00
40	PI/2 BPSK	50	0	21.92	22.08	22.03	23.00
40	PI/2 BPSK	50	28	22.13	22.21	22.11	23.00
40	PI/2 BPSK	50	56	21.97	22.14	22.02	23.00
40	PI/2 BPSK	100	0	22.03	22.19	22.12	23.00
40	QPSK	1	1	21.95	22.12	22.08	23.00
40	QPSK	1	53	21.97	22.11	22.00	23.00
40	QPSK	1	104	22.01	22.14	22.00	23.00
40	QPSK	50	0	21.98	22.14	22.06	23.00
40	QPSK	50	28	22.13	22.20	22.08	23.00
40	QPSK	50	56	22.04	22.15	22.06	23.00
40	QPSK	100	0	22.04	22.21	22.12	23.00
40	16QAM	1	1	22.14	22.23	22.11	23.00
40	64QAM	1	1	21.57	21.73	21.58	22.50
40	256QAM	1	1	19.64	19.80	19.65	20.50
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	22.06	22.21	22.11	23.00
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	22.10	22.14	22.21	23.00
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	22.18	22.18	22.10	23.00
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	

10	PI/2 BPSK	1	1	22.18	22.13	22.12	23.00
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【FR1 n48_FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant
8_DSI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	15.22	15.24	15.18	16.00
40	PI/2 BPSK	1	53	15.16	15.19	15.09	16.00
40	PI/2 BPSK	1	104	15.01	15.06	14.87	16.00
40	PI/2 BPSK	50	0	15.12	15.18	15.02	16.00
40	PI/2 BPSK	50	28	15.09	15.21	15.11	16.00
40	PI/2 BPSK	50	56	15.08	15.13	14.98	16.00
40	PI/2 BPSK	100	0	14.94	15.10	15.00	16.00
40	QPSK	1	1	14.92	15.08	14.97	16.00
40	QPSK	1	53	15.06	15.21	15.02	16.00
40	QPSK	1	104	15.01	15.17	15.07	16.00
40	QPSK	50	0	15.02	15.05	14.98	16.00
40	QPSK	50	28	14.92	15.05	14.94	16.00
40	QPSK	50	56	15.05	15.12	14.99	16.00
40	QPSK	100	0	15.06	15.23	15.15	16.00
40	16QAM	1	1	15.02	15.16	15.08	16.00
40	64QAM	1	1	15.05	15.15	15.07	16.00
40	256QAM	1	1	15.08	15.21	15.00	16.00
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	15.09	15.14	15.14	16.00
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	15.11	15.12	15.10	16.00
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	15.14	15.19	15.11	16.00
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	15.11	15.17	15.05	16.00

【FR1 n48_FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant
9_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				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	22.67	22.75	22.69	24.00
40	PI/2 BPSK	1	53	22.49	22.67	22.58	24.00
40	PI/2 BPSK	1	104	22.53	22.72	22.58	24.00
40	PI/2 BPSK	50	0	22.07	22.20	22.07	23.50
40	PI/2 BPSK	50	28	22.45	22.61	22.43	24.00
40	PI/2 BPSK	50	56	21.96	22.14	21.94	23.50
40	PI/2 BPSK	100	0	22.23	22.40	22.31	23.50
40	QPSK	1	1	22.36	22.48	22.39	24.00
40	QPSK	1	53	22.36	22.54	22.39	24.00
40	QPSK	1	104	22.55	22.69	22.50	24.00
40	QPSK	50	0	21.52	21.71	21.58	23.00
40	QPSK	50	28	22.47	22.64	22.54	24.00
40	QPSK	50	56	21.54	21.67	21.59	23.00
40	QPSK	100	0	21.68	21.78	21.58	23.00
40	16QAM	1	1	21.56	21.78	21.70	23.00
40	64QAM	1	1	20.35	20.47	20.34	21.50
40	256QAM	1	1	18.06	18.19	18.10	19.50
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	22.60	22.63	22.64	24.00
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	22.58	22.65	22.67	24.00
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	22.58	22.61	22.56	24.00

Channel				637000	641666	646332	Tune-up limit
Frequency (MHz)				3555	3624.99	3694.98	(dBm)
10	PI/2 BPSK	1	1	22.64	22.66	22.62	24.00

【FR1 n48__FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant
9_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	17.33	17.36	17.31	18.50
40	PI/2 BPSK	1	53	16.98	17.14	17.04	18.50
40	PI/2 BPSK	1	104	17.07	17.14	16.99	18.50
40	PI/2 BPSK	50	0	17.10	17.26	17.18	18.50
40	PI/2 BPSK	50	28	17.26	17.32	17.18	18.50
40	PI/2 BPSK	50	56	17.15	17.28	17.08	18.50
40	PI/2 BPSK	100	0	17.12	17.30	17.16	18.50
40	QPSK	1	1	17.17	17.31	17.20	18.50
40	QPSK	1	53	17.22	17.28	17.12	18.50
40	QPSK	1	104	17.27	17.35	17.25	18.50
40	QPSK	50	0	17.15	17.29	17.21	18.50
40	QPSK	50	28	16.97	17.15	17.04	18.50
40	QPSK	50	56	17.20	17.27	17.15	18.50
40	QPSK	100	0	17.09	17.18	17.04	18.50
40	16QAM	1	1	17.22	17.29	17.14	18.50
40	64QAM	1	1	17.05	17.15	17.00	18.50
40	256QAM	1	1	17.15	17.22	17.06	18.50
Channel				637668	641666	645666	Tune-up limit
Frequency (MHz)				3565.02	3624.99	3684.99	(dBm)
30	PI/2 BPSK	1	1	17.23	17.24	17.22	18.50
Channel				637334	641666	646000	Tune-up limit
Frequency (MHz)				3560.01	3624.99	3690	(dBm)
20	PI/2 BPSK	1	1	17.25	17.22	17.27	18.50
Channel				637168	641666	646166	Tune-up limit
Frequency (MHz)				3557.52	3624.99	3692.49	(dBm)
15	PI/2 BPSK	1	1	17.22	17.28	17.23	18.50
Channel				637000	641666	646332	Tune-up limit
Frequency (MHz)				3555	3624.99	3694.98	(dBm)
10	PI/2 BPSK	1	1	17.28	17.22	17.29	18.50

【FR1 n48__FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant
9_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				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	18.73	18.78	18.74	20.00
40	PI/2 BPSK	1	53	18.60	18.77	18.60	20.00
40	PI/2 BPSK	1	104	18.58	18.71	18.60	20.00
40	PI/2 BPSK	50	0	18.56	18.73	18.61	20.00
40	PI/2 BPSK	50	28	18.67	18.76	18.70	20.00
40	PI/2 BPSK	50	56	18.60	18.72	18.55	20.00
40	PI/2 BPSK	100	0	18.55	18.72	18.63	20.00
40	QPSK	1	1	18.66	18.77	18.71	20.00
40	QPSK	1	53	18.52	18.70	18.58	20.00
40	QPSK	1	104	18.60	18.74	18.65	20.00
40	QPSK	50	0	18.68	18.74	18.60	20.00
40	QPSK	50	28	18.58	18.70	18.56	20.00
40	QPSK	50	56	18.57	18.67	18.50	20.00
40	QPSK	100	0	18.49	18.63	18.46	20.00
40	16QAM	1	1	18.63	18.69	18.58	20.00
40	64QAM	1	1	18.58	18.68	18.54	20.00
40	256QAM	1	1	18.01	18.15	18.00	19.50
Channel				637668	641666	645666	Tune-up limit
Frequency (MHz)				3565.02	3624.99	3684.99	(dBm)
30	PI/2 BPSK	1	1	18.63	18.63	18.60	20.00
Channel				637334	641666	646000	Tune-up limit
Frequency (MHz)				3560.01	3624.99	3690	(dBm)
20	PI/2 BPSK	1	1	18.68	18.69	18.62	20.00
Channel				637168	641666	646166	Tune-up limit

Frequency (MHz)				3557.52	3624.99	3692.49	(dBm)
15	PI/2 BPSK	1	1	18.61	18.73	18.65	20.00
Channel				637000	641666	646332	Tune-up limit
Frequency (MHz)				3555	3624.99	3694.98	(dBm)
10	PI/2 BPSK	1	1	18.71	18.63	18.70	20.00

【FR1 n48__FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant
9_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				638000	641666	645332	Tune-up limit
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	22.67	22.75	22.69	24.00
40	PI/2 BPSK	1	53	22.49	22.67	22.58	24.00
40	PI/2 BPSK	1	104	22.53	22.72	22.58	24.00
40	PI/2 BPSK	50	0	22.07	22.20	22.07	23.50
40	PI/2 BPSK	50	28	22.45	22.61	22.43	24.00
40	PI/2 BPSK	50	56	21.96	22.14	21.94	23.50
40	PI/2 BPSK	100	0	22.23	22.40	22.31	23.50
40	QPSK	1	1	22.36	22.48	22.39	24.00
40	QPSK	1	53	22.36	22.54	22.39	24.00
40	QPSK	1	104	22.55	22.69	22.50	24.00
40	QPSK	50	0	21.52	21.71	21.58	23.00
40	QPSK	50	28	22.47	22.64	22.54	24.00
40	QPSK	50	56	21.54	21.67	21.59	23.00
40	QPSK	100	0	21.68	21.78	21.58	23.00
40	16QAM	1	1	21.56	21.78	21.70	23.00
40	64QAM	1	1	20.35	20.47	20.34	21.50
40	256QAM	1	1	18.06	18.19	18.10	19.50
Channel				637668	641666	645666	Tune-up limit
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	22.60	22.63	22.64	24.00
Channel				637334	641666	646000	Tune-up limit
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	22.58	22.65	22.67	24.00
Channel				637168	641666	646166	Tune-up limit
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	22.58	22.61	22.56	24.00
Channel				637000	641666	646332	Tune-up limit
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	22.64	22.66	22.62	24.00

【FR1 n48__FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant
9_DSI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				638000	641666	645332	Tune-up limit
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	17.33	17.36	17.31	18.50
40	PI/2 BPSK	1	53	16.98	17.14	17.04	18.50
40	PI/2 BPSK	1	104	17.07	17.14	16.99	18.50
40	PI/2 BPSK	50	0	17.10	17.26	17.18	18.50
40	PI/2 BPSK	50	28	17.26	17.32	17.18	18.50
40	PI/2 BPSK	50	56	17.15	17.28	17.08	18.50
40	PI/2 BPSK	100	0	17.12	17.30	17.16	18.50
40	QPSK	1	1	17.17	17.31	17.20	18.50
40	QPSK	1	53	17.22	17.28	17.12	18.50
40	QPSK	1	104	17.27	17.35	17.25	18.50
40	QPSK	50	0	17.15	17.29	17.21	18.50
40	QPSK	50	28	16.97	17.15	17.04	18.50
40	QPSK	50	56	17.20	17.27	17.15	18.50
40	QPSK	100	0	17.09	17.18	17.04	18.50
40	16QAM	1	1	17.22	17.29	17.14	18.50
40	64QAM	1	1	17.05	17.15	17.00	18.50
40	256QAM	1	1	17.15	17.22	17.06	18.50
Channel				637668	641666	645666	Tune-up limit
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	17.23	17.24	17.22	18.50
Channel				637334	641666	646000	Tune-up limit
Frequency (MHz)				3560.01	3624.99	3690	

20	PI/2 BPSK	1	1	17.25	17.22	17.27	18.50
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	17.22	17.28	17.23	18.50
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	17.28	17.22	17.29	18.50

【FR1 n48_FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant
10_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				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	23.63	23.64	23.58	25.00
40	PI/2 BPSK	1	53	23.46	23.54	23.42	25.00
40	PI/2 BPSK	1	104	23.48	23.58	23.43	25.00
40	PI/2 BPSK	50	0	22.94	23.01	22.88	24.50
40	PI/2 BPSK	50	28	23.50	23.55	23.41	25.00
40	PI/2 BPSK	50	56	22.74	22.82	22.62	24.50
40	PI/2 BPSK	100	0	23.03	23.12	23.01	24.50
40	QPSK	1	1	23.12	23.20	23.08	25.00
40	QPSK	1	53	23.26	23.40	23.31	25.00
40	QPSK	1	104	23.30	23.42	23.32	25.00
40	QPSK	50	0	22.44	22.49	22.29	24.00
40	QPSK	50	28	23.33	23.39	23.26	25.00
40	QPSK	50	56	22.31	22.39	22.30	24.00
40	QPSK	100	0	22.54	22.62	22.46	24.00
40	16QAM	1	1	22.46	22.56	22.45	24.00
40	64QAM	1	1	21.21	21.25	21.13	22.50
40	256QAM	1	1	19.03	19.07	18.91	20.50
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	23.57	23.53	23.45	25.00
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	23.55	23.49	23.47	25.00
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	23.49	23.56	23.49	25.00
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	23.49	23.59	23.44	25.00

【FR1 n48_FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant
10_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	13.51	13.63	13.58	15.00
40	PI/2 BPSK	1	53	13.36	13.61	13.43	15.00
40	PI/2 BPSK	1	104	13.29	13.48	13.37	15.00
40	PI/2 BPSK	50	0	13.44	13.59	13.46	15.00
40	PI/2 BPSK	50	28	13.46	13.61	13.48	15.00
40	PI/2 BPSK	50	56	13.36	13.51	13.32	15.00
40	PI/2 BPSK	100	0	13.32	13.53	13.36	15.00
40	QPSK	1	1	13.39	13.60	13.53	15.00
40	QPSK	1	53	13.21	13.47	13.37	15.00
40	QPSK	1	104	13.34	13.51	13.36	15.00
40	QPSK	50	0	13.45	13.61	13.46	15.00
40	QPSK	50	28	13.42	13.59	13.46	15.00
40	QPSK	50	56	13.18	13.44	13.30	15.00
40	QPSK	100	0	13.44	13.63	13.47	15.00
40	16QAM	1	1	13.39	13.64	13.54	15.00
40	64QAM	1	1	13.39	13.58	13.44	15.00
40	256QAM	1	1	13.37	13.61	13.41	15.00
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	13.47	13.62	13.43	15.00

Channel				637334	641666	646000	Tune-up limit
Frequency (MHz)				3560.01	3624.99	3690	(dBm)
20	PI/2 BPSK	1	1	13.48	13.51	13.51	15.00
Channel				637168	641666	646166	Tune-up limit
Frequency (MHz)				3557.52	3624.99	3692.49	(dBm)
15	PI/2 BPSK	1	1	13.36	13.61	13.54	15.00
Channel				637000	641666	646332	Tune-up limit
Frequency (MHz)				3555	3624.99	3694.98	(dBm)
10	PI/2 BPSK	1	1	13.40	13.50	13.52	15.00

【FR1 n48_FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant
10_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				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	16.09	16.13	16.07	17.50
40	PI/2 BPSK	1	53	16.03	16.12	16.00	17.50
40	PI/2 BPSK	1	104	15.85	15.98	15.78	17.50
40	PI/2 BPSK	50	0	15.87	15.93	15.83	17.50
40	PI/2 BPSK	50	28	15.97	16.09	16.02	17.50
40	PI/2 BPSK	50	56	15.93	16.08	16.00	17.50
40	PI/2 BPSK	100	0	15.89	16.03	15.92	17.50
40	QPSK	1	1	15.94	16.02	15.84	17.50
40	QPSK	1	53	15.99	16.07	15.94	17.50
40	QPSK	1	104	15.83	15.95	15.75	17.50
40	QPSK	50	0	15.82	15.95	15.85	17.50
40	QPSK	50	28	15.83	15.97	15.77	17.50
40	QPSK	50	56	15.88	16.05	15.86	17.50
40	QPSK	100	0	15.78	15.92	15.80	17.50
40	16QAM	1	1	15.95	16.05	15.95	17.50
40	64QAM	1	1	16.00	16.09	15.94	17.50
40	256QAM	1	1	15.97	16.11	16.04	17.50
Channel				637668	641666	645666	Tune-up limit
Frequency (MHz)				3565.02	3624.99	3684.99	(dBm)
30	PI/2 BPSK	1	1	16.03	16.05	15.96	17.50
Channel				637334	641666	646000	Tune-up limit
Frequency (MHz)				3560.01	3624.99	3690	(dBm)
20	PI/2 BPSK	1	1	16.00	16.03	15.94	17.50
Channel				637168	641666	646166	Tune-up limit
Frequency (MHz)				3557.52	3624.99	3692.49	(dBm)
15	PI/2 BPSK	1	1	15.97	16.01	16.03	17.50
Channel				637000	641666	646332	Tune-up limit
Frequency (MHz)				3555	3624.99	3694.98	(dBm)
10	PI/2 BPSK	1	1	16.00	16.00	16.01	17.50

【FR1 n48_FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant
10_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				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	16.09	16.13	16.07	17.50
40	PI/2 BPSK	1	53	16.03	16.12	16.00	17.50
40	PI/2 BPSK	1	104	15.85	15.98	15.78	17.50
40	PI/2 BPSK	50	0	15.87	15.93	15.83	17.50
40	PI/2 BPSK	50	28	15.97	16.09	16.02	17.50
40	PI/2 BPSK	50	56	15.93	16.08	16.00	17.50
40	PI/2 BPSK	100	0	15.89	16.03	15.92	17.50
40	QPSK	1	1	15.94	16.02	15.84	17.50
40	QPSK	1	53	15.99	16.07	15.94	17.50
40	QPSK	1	104	15.83	15.95	15.75	17.50
40	QPSK	50	0	15.82	15.95	15.85	17.50
40	QPSK	50	28	15.83	15.97	15.77	17.50
40	QPSK	50	56	15.88	16.05	15.86	17.50
40	QPSK	100	0	15.78	15.92	15.80	17.50
40	16QAM	1	1	15.95	16.05	15.95	17.50
40	64QAM	1	1	16.00	16.09	15.94	17.50
40	256QAM	1	1	15.97	16.11	16.04	17.50
Channel				637668	641666	645666	Tune-up limit

Frequency (MHz)				3565.02	3624.99	3684.99	(dBm)
30	PI/2 BPSK	1	1	16.03	16.05	15.96	17.50
Channel				637334	641666	646000	Tune-up limit
Frequency (MHz)				3560.01	3624.99	3690	(dBm)
20	PI/2 BPSK	1	1	16.00	16.03	15.94	17.50
Channel				637168	641666	646166	Tune-up limit
Frequency (MHz)				3557.52	3624.99	3692.49	(dBm)
15	PI/2 BPSK	1	1	15.97	16.01	16.03	17.50
Channel				637000	641666	646332	Tune-up limit
Frequency (MHz)				3555	3624.99	3694.98	(dBm)
10	PI/2 BPSK	1	1	16.00	16.00	16.01	17.50

【FR1 n48_FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant
10_DSI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	13.51	13.63	13.58	15.00
40	PI/2 BPSK	1	53	13.36	13.61	13.43	15.00
40	PI/2 BPSK	1	104	13.29	13.48	13.37	15.00
40	PI/2 BPSK	50	0	13.44	13.59	13.46	15.00
40	PI/2 BPSK	50	28	13.46	13.61	13.48	15.00
40	PI/2 BPSK	50	56	13.36	13.51	13.32	15.00
40	PI/2 BPSK	100	0	13.32	13.53	13.36	15.00
40	QPSK	1	1	13.39	13.60	13.53	15.00
40	QPSK	1	53	13.21	13.47	13.37	15.00
40	QPSK	1	104	13.34	13.51	13.36	15.00
40	QPSK	50	0	13.45	13.61	13.46	15.00
40	QPSK	50	28	13.42	13.59	13.46	15.00
40	QPSK	50	56	13.18	13.44	13.30	15.00
40	QPSK	100	0	13.44	13.63	13.47	15.00
40	16QAM	1	1	13.39	13.64	13.54	15.00
40	64QAM	1	1	13.39	13.58	13.44	15.00
40	256QAM	1	1	13.37	13.61	13.41	15.00
Channel				637668	641666	645666	Tune-up limit
Frequency (MHz)				3565.02	3624.99	3684.99	(dBm)
30	PI/2 BPSK	1	1	13.47	13.62	13.43	15.00
Channel				637334	641666	646000	Tune-up limit
Frequency (MHz)				3560.01	3624.99	3690	(dBm)
20	PI/2 BPSK	1	1	13.48	13.51	13.51	15.00
Channel				637168	641666	646166	Tune-up limit
Frequency (MHz)				3557.52	3624.99	3692.49	(dBm)
15	PI/2 BPSK	1	1	13.36	13.61	13.54	15.00
Channel				637000	641666	646332	Tune-up limit
Frequency (MHz)				3555	3624.99	3694.98	(dBm)
10	PI/2 BPSK	1	1	13.40	13.50	13.52	15.00

【FR1 n48__FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant
11_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				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	22.45	22.49	22.42	24.00
40	PI/2 BPSK	1	53	22.25	22.36	22.22	24.00
40	PI/2 BPSK	1	104	22.22	22.35	22.17	24.00
40	PI/2 BPSK	50	0	21.73	21.83	21.74	23.50
40	PI/2 BPSK	50	28	22.35	22.46	22.29	24.00
40	PI/2 BPSK	50	56	21.78	21.89	21.69	23.50
40	PI/2 BPSK	100	0	21.63	21.82	21.72	23.50
40	QPSK	1	1	22.21	22.38	22.22	24.00
40	QPSK	1	53	22.19	22.32	22.14	24.00
40	QPSK	1	104	22.28	22.33	22.23	24.00
40	QPSK	50	0	21.28	21.33	21.23	23.00
40	QPSK	50	28	22.27	22.33	22.12	24.00
40	QPSK	50	56	21.31	21.42	21.30	23.00
40	QPSK	100	0	21.23	21.34	21.18	23.00
40	16QAM	1	1	21.11	21.29	21.21	23.00
40	64QAM	1	1	19.67	19.75	19.61	21.50
40	256QAM	1	1	17.72	17.85	17.69	19.50
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	22.35	22.36	22.39	24.00
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	22.37	22.47	22.32	24.00
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	22.40	22.39	22.39	24.00
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	22.43	22.43	22.35	24.00

【FR1 n48__FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant
11_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	20.43	20.77	20.66	22.00
40	PI/2 BPSK	1	53	20.32	20.47	20.29	22.00
40	PI/2 BPSK	1	104	20.21	20.41	20.18	22.00
40	PI/2 BPSK	50	0	20.12	20.24	20.00	22.00
40	PI/2 BPSK	50	28	20.42	20.76	20.75	22.00
40	PI/2 BPSK	50	56	20.19	20.39	20.12	22.00
40	PI/2 BPSK	100	0	20.18	20.37	20.18	22.00
40	QPSK	1	1	20.29	20.40	20.13	22.00
40	QPSK	1	53	20.16	20.30	20.04	22.00
40	QPSK	1	104	20.19	20.31	20.05	22.00
40	QPSK	50	0	20.21	20.30	20.10	22.00
40	QPSK	50	28	20.34	20.42	20.26	22.00
40	QPSK	50	56	20.16	20.35	20.18	22.00
40	QPSK	100	0	20.26	20.32	20.11	22.00
40	16QAM	1	1	20.19	20.26	20.00	22.00
40	64QAM	1	1	19.67	19.75	19.61	21.50
40	256QAM	1	1	17.72	17.85	17.69	19.50
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	20.30	20.41	20.25	22.00
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	20.30	20.34	20.22	22.00
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	20.38	20.44	20.21	22.00
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	20.32	20.35	20.23	22.00

【FR1 n48_FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant
11_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				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	10.89	10.99	10.91	12.50
40	PI/2 BPSK	1	53	10.62	10.82	10.61	12.50
40	PI/2 BPSK	1	104	10.65	10.77	10.62	12.50
40	PI/2 BPSK	50	0	10.74	10.86	10.64	12.50
40	PI/2 BPSK	50	28	10.80	10.97	10.84	12.50
40	PI/2 BPSK	50	56	10.60	10.79	10.67	12.50
40	PI/2 BPSK	100	0	10.72	10.92	10.75	12.50
40	QPSK	1	1	10.73	10.86	10.75	12.50
40	QPSK	1	53	10.63	10.86	10.72	12.50
40	QPSK	1	104	10.64	10.78	10.67	12.50
40	QPSK	50	0	10.71	10.89	10.72	12.50
40	QPSK	50	28	10.65	10.78	10.55	12.50
40	QPSK	50	56	10.74	10.97	10.85	12.50
40	QPSK	100	0	10.71	10.84	10.69	12.50
40	16QAM	1	1	10.57	10.78	10.58	12.50
40	64QAM	1	1	10.62	10.81	10.71	12.50
40	256QAM	1	1	10.74	10.87	10.76	12.50
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	10.77	10.97	10.89	12.50
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	10.77	10.86	10.77	12.50
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	10.79	10.89	10.78	12.50
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	10.74	10.90	10.85	12.50

【FR1 n48_FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant
11_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				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	20.43	20.67	20.66	22.00
40	PI/2 BPSK	1	53	20.32	20.47	20.29	22.00
40	PI/2 BPSK	1	104	20.21	20.41	20.18	22.00
40	PI/2 BPSK	50	0	20.12	20.24	20.00	22.00
40	PI/2 BPSK	50	28	20.32	20.66	20.65	22.00
40	PI/2 BPSK	50	56	20.19	20.39	20.12	22.00
40	PI/2 BPSK	100	0	20.18	20.37	20.18	22.00
40	QPSK	1	1	20.29	20.40	20.13	22.00
40	QPSK	1	53	20.16	20.30	20.04	22.00
40	QPSK	1	104	20.19	20.31	20.05	22.00
40	QPSK	50	0	20.21	20.30	20.10	22.00
40	QPSK	50	28	20.34	20.42	20.26	22.00
40	QPSK	50	56	20.16	20.35	20.18	22.00
40	QPSK	100	0	20.26	20.32	20.11	22.00
40	16QAM	1	1	20.19	20.26	20.00	22.00
40	64QAM	1	1	19.67	19.75	19.61	21.50
40	256QAM	1	1	17.72	17.85	17.69	19.50
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	20.30	20.41	20.25	22.00
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	20.30	20.34	20.22	22.00
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	20.38	20.44	20.21	22.00
Channel				637000	641666	646332	Tune-up limit

Frequency (MHz)				3555	3624.99	3694.98	(dBm)
10	PI/2 BPSK	1	1	20.32	20.35	20.23	22.00

【FR1 n48_FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant 11_DSI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	10.89	10.99	10.91	12.50
40	PI/2 BPSK	1	53	10.62	10.82	10.61	12.50
40	PI/2 BPSK	1	104	10.65	10.77	10.62	12.50
40	PI/2 BPSK	50	0	10.74	10.86	10.64	12.50
40	PI/2 BPSK	50	28	10.80	10.97	10.84	12.50
40	PI/2 BPSK	50	56	10.60	10.79	10.67	12.50
40	PI/2 BPSK	100	0	10.72	10.92	10.75	12.50
40	QPSK	1	1	10.73	10.86	10.75	12.50
40	QPSK	1	53	10.63	10.86	10.72	12.50
40	QPSK	1	104	10.64	10.78	10.67	12.50
40	QPSK	50	0	10.71	10.89	10.72	12.50
40	QPSK	50	28	10.65	10.78	10.55	12.50
40	QPSK	50	56	10.74	10.97	10.85	12.50
40	QPSK	100	0	10.71	10.84	10.69	12.50
40	16QAM	1	1	10.57	10.78	10.58	12.50
40	64QAM	1	1	10.62	10.81	10.71	12.50
40	256QAM	1	1	10.74	10.87	10.76	12.50
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	10.77	10.97	10.89	12.50
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	10.77	10.86	10.77	12.50
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	10.79	10.89	10.78	12.50
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	10.74	10.90	10.85	12.50

【FR1 n66_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				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	25.30	25.35	25.33	25.70
45	PI/2 BPSK	1	120	25.14	25.31	25.26	25.70
45	PI/2 BPSK	1	240	25.14	25.24	25.16	25.70
45	PI/2 BPSK	120	0	24.58	24.77	24.73	25.20
45	PI/2 BPSK	120	60	25.11	25.25	25.13	25.70
45	PI/2 BPSK	120	120	24.58	24.78	24.63	25.20
45	PI/2 BPSK	240	0	24.77	24.95	24.78	25.20
45	QPSK	1	1	24.89	25.04	24.91	25.70
45	QPSK	1	120	25.02	25.11	25.07	25.70
45	QPSK	1	240	25.01	25.13	25.07	25.70
45	QPSK	120	0	24.45	24.51	24.44	24.70
45	QPSK	120	60	25.09	25.24	25.08	25.70
45	QPSK	120	120	24.06	24.20	24.14	24.70
45	QPSK	240	0	24.22	24.41	24.30	24.70
45	16QAM	1	1	24.19	24.36	24.22	24.70
45	64QAM	1	1	22.81	22.95	22.85	23.20
45	256QAM	1	1	20.65	20.82	20.67	21.20
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	25.23	25.31	25.28	25.70
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	25.15	25.25	25.24	25.70
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	25.17	25.34	25.30	25.70

Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	25.29	25.22	25.26	25.70
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	25.21	25.31	25.25	25.70
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	25.18	25.23	25.32	25.70
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	25.16	25.25	25.20	25.70
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	25.27	25.33	25.24	25.70

【FR1 n66_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				346500	349000	351500	Tune-up limit (dBm)
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	24.96	24.98	24.93	25.70
45	PI/2 BPSK	1	120	24.83	24.91	24.77	25.70
45	PI/2 BPSK	1	240	24.76	24.89	24.75	25.70
45	PI/2 BPSK	120	0	24.37	24.48	24.40	25.20
45	PI/2 BPSK	120	60	24.80	24.95	24.78	25.70
45	PI/2 BPSK	120	120	24.47	24.55	24.44	25.20
45	PI/2 BPSK	240	0	24.48	24.55	24.47	25.20
45	QPSK	1	1	24.93	24.97	24.88	25.70
45	QPSK	1	120	24.70	24.79	24.64	25.70
45	QPSK	1	240	24.53	24.70	24.50	25.70
45	QPSK	120	0	23.98	24.04	23.87	24.70
45	QPSK	120	60	24.77	24.87	24.80	25.70
45	QPSK	120	120	23.93	24.06	23.95	24.70
45	QPSK	240	0	24.24	24.37	24.25	24.70
45	16QAM	1	1	23.92	23.99	23.89	24.70
45	64QAM	1	1	22.13	22.30	22.17	23.20
45	256QAM	1	1	20.16	20.30	20.19	21.20
Channel				346000	349000	352000	Tune-up limit
Frequency (MHz)				1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	24.93	24.83	24.80	25.70
Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	24.82	24.92	24.84	25.70
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	24.87	24.84	24.84	25.70
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	24.83	24.94	24.80	25.70
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	24.86	24.88	24.80	25.70
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	24.86	24.85	24.79	25.70
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	24.93	24.89	24.86	25.70
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	24.89	24.95	24.79	25.70

【FR1 n66_Ant 4_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346500	349000	351500	Tune-up limit (dBm)
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	16.83	16.88	16.81	17.20
45	PI/2 BPSK	1	120	16.60	16.78	16.64	17.20
45	PI/2 BPSK	1	240	16.69	16.80	16.71	17.20
45	PI/2 BPSK	120	0	16.66	16.85	16.66	17.20
45	PI/2 BPSK	120	60	16.70	16.86	16.77	17.20
45	PI/2 BPSK	120	120	16.60	16.78	16.68	17.20
45	PI/2 BPSK	240	0	16.74	16.84	16.70	17.20
45	QPSK	1	1	16.72	16.83	16.65	17.20
45	QPSK	1	120	16.60	16.80	16.62	17.20
45	QPSK	1	240	16.64	16.82	16.73	17.20
45	QPSK	120	0	16.75	16.83	16.69	17.20
45	QPSK	120	60	16.68	16.77	16.58	17.20
45	QPSK	120	120	16.62	16.76	16.61	17.20
45	QPSK	240	0	16.76	16.84	16.69	17.20
45	16QAM	1	1	16.74	16.83	16.70	17.20
45	64QAM	1	1	16.64	16.81	16.70	17.20
45	256QAM	1	1	16.69	16.77	16.64	17.20
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	16.76	16.85	16.70	17.20
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	16.80	16.84	16.80	17.20
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	16.72	16.84	16.70	17.20
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	16.79	16.78	16.68	17.20
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	16.72	16.84	16.75	17.20
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	16.73	16.74	16.72	17.20
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	16.80	16.87	16.77	17.20
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	16.74	16.84	16.70	17.20

【FR1 n66_Ant 4_DSI1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346500	349000	351500	Tune-up limit (dBm)
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	16.53	16.55	16.50	17.20
45	PI/2 BPSK	1	120	16.34	16.43	16.24	17.20
45	PI/2 BPSK	1	240	16.35	16.51	16.34	17.20
45	PI/2 BPSK	120	0	16.36	16.44	16.29	17.20
45	PI/2 BPSK	120	60	16.39	16.46	16.28	17.20
45	PI/2 BPSK	120	120	16.23	16.39	16.29	17.20
45	PI/2 BPSK	240	0	16.37	16.41	16.22	17.20
45	QPSK	1	1	16.31	16.41	16.23	17.20
45	QPSK	1	120	16.50	16.57	16.48	17.20
45	QPSK	1	240	16.32	16.39	16.19	17.20
45	QPSK	120	0	16.36	16.52	16.45	17.20
45	QPSK	120	60	16.38	16.53	16.42	17.20
45	QPSK	120	120	16.40	16.55	16.39	17.20
45	QPSK	240	0	16.46	16.56	16.39	17.20
45	16QAM	1	1	16.38	16.50	16.42	17.20
45	64QAM	1	1	16.24	16.37	16.20	17.20
45	256QAM	1	1	16.28	16.44	16.35	17.20
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	

40	PI/2 BPSK	1	1	16.46	16.49	16.48	17.20
Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	16.47	16.49	16.38	17.20
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	16.49	16.44	16.46	17.20
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	16.39	16.46	16.42	17.20
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	16.39	16.52	16.39	17.20
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	16.49	16.40	16.42	17.20
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	16.47	16.51	16.44	17.20
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	16.45	16.46	16.41	17.20

【FR1 n66_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				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	19.32	19.38	19.19	19.70
45	PI/2 BPSK	1	120	19.09	19.30	19.04	19.70
45	PI/2 BPSK	1	240	19.24	19.35	19.12	19.70
45	PI/2 BPSK	120	0	19.04	19.23	19.02	19.70
45	PI/2 BPSK	120	60	19.25	19.37	19.12	19.70
45	PI/2 BPSK	120	120	19.17	19.34	19.14	19.70
45	PI/2 BPSK	240	0	19.21	19.31	19.01	19.70
45	QPSK	1	1	19.08	19.22	19.00	19.70
45	QPSK	1	120	19.25	19.41	19.15	19.70
45	QPSK	1	240	19.12	19.28	18.99	19.70
45	QPSK	120	0	19.15	19.23	18.93	19.70
45	QPSK	120	60	19.13	19.28	18.94	19.70
45	QPSK	120	120	19.19	19.35	19.13	19.70
45	QPSK	240	0	19.26	19.34	19.07	19.70
45	16QAM	1	1	19.15	19.31	19.09	19.70
45	64QAM	1	1	19.24	19.34	19.00	19.70
45	256QAM	1	1	19.12	19.26	18.99	19.70
Channel				346000	349000	352000	Tune-up limit
Frequency (MHz)				1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	19.25	19.25	19.13	19.70
Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	19.23	19.37	19.16	19.70
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	19.20	19.36	19.05	19.70
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	19.26	19.32	19.17	19.70
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	19.23	19.27	19.17	19.70
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	19.18	19.34	19.08	19.70
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	19.18	19.27	19.14	19.70
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	19.19	19.25	19.15	19.70

【FR1 n66_Ant 4_DSI3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	19.07	19.10	19.05	19.70
45	PI/2 BPSK	1	120	18.84	18.88	18.77	19.70
45	PI/2 BPSK	1	240	18.94	19.03	18.96	19.70
45	PI/2 BPSK	120	0	18.99	19.05	18.95	19.70
45	PI/2 BPSK	120	60	19.03	19.07	19.00	19.70
45	PI/2 BPSK	120	120	18.86	19.01	18.84	19.70
45	PI/2 BPSK	240	0	18.93	19.05	18.92	19.70
45	QPSK	1	1	18.96	19.01	18.90	19.70
45	QPSK	1	120	18.81	18.97	18.77	19.70
45	QPSK	1	240	18.86	18.93	18.84	19.70
45	QPSK	120	0	18.90	18.94	18.80	19.70
45	QPSK	120	60	18.78	18.87	18.70	19.70
45	QPSK	120	120	18.81	18.86	18.78	19.70
45	QPSK	240	0	18.88	18.97	18.84	19.70
45	16QAM	1	1	18.95	19.07	18.92	19.70
45	64QAM	1	1	19.00	19.09	18.89	19.70
45	256QAM	1	1	18.88	18.95	18.88	19.70
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	18.94	18.96	18.92	19.70
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	19.00	18.96	18.96	19.70
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	18.94	19.08	18.92	19.70
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	19.00	19.01	18.95	19.70
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	19.03	18.96	18.91	19.70
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	19.01	19.09	18.93	19.70
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	18.95	19.00	18.90	19.70
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	18.97	19.02	18.95	19.70

【FR1 n66_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				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	25.30	25.35	25.33	25.70
45	PI/2 BPSK	1	120	25.14	25.31	25.26	25.70
45	PI/2 BPSK	1	240	25.14	25.24	25.16	25.70
45	PI/2 BPSK	120	0	24.58	24.77	24.73	25.20
45	PI/2 BPSK	120	60	25.11	25.25	25.13	25.70
45	PI/2 BPSK	120	120	24.58	24.78	24.63	25.20
45	PI/2 BPSK	240	0	24.77	24.95	24.78	25.20
45	QPSK	1	1	24.89	25.04	24.91	25.70
45	QPSK	1	120	25.02	25.11	25.07	25.70
45	QPSK	1	240	25.01	25.13	25.07	25.70
45	QPSK	120	0	24.45	24.51	24.44	24.70
45	QPSK	120	60	25.09	25.24	25.08	25.70
45	QPSK	120	120	24.06	24.20	24.14	24.70
45	QPSK	240	0	24.22	24.41	24.30	24.70
45	16QAM	1	1	24.19	24.36	24.22	24.70
45	64QAM	1	1	22.81	22.95	22.85	23.20
45	256QAM	1	1	20.65	20.82	20.67	21.20
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	25.23	25.31	25.28	25.70
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	

35	PI/2 BPSK	1	1	25.15	25.25	25.24	25.70
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	25.17	25.34	25.30	25.70
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	25.29	25.22	25.26	25.70
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	25.21	25.31	25.25	25.70
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	25.18	25.23	25.32	25.70
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	25.16	25.25	25.20	25.70
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	25.27	25.33	25.24	25.70

【FR1 n66_Ant 4_DS14】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	24.96	24.98	24.93	25.70
45	PI/2 BPSK	1	120	24.83	24.91	24.77	25.70
45	PI/2 BPSK	1	240	24.76	24.89	24.75	25.70
45	PI/2 BPSK	120	0	24.37	24.48	24.40	25.20
45	PI/2 BPSK	120	60	24.80	24.95	24.78	25.70
45	PI/2 BPSK	120	120	24.47	24.55	24.44	25.20
45	PI/2 BPSK	240	0	24.48	24.55	24.47	25.20
45	QPSK	1	1	24.93	24.97	24.88	25.70
45	QPSK	1	120	24.70	24.79	24.64	25.70
45	QPSK	1	240	24.53	24.70	24.50	25.70
45	QPSK	120	0	23.98	24.04	23.87	24.70
45	QPSK	120	60	24.77	24.87	24.80	25.70
45	QPSK	120	120	23.93	24.06	23.95	24.70
45	QPSK	240	0	24.24	24.37	24.25	24.70
45	16QAM	1	1	23.92	23.99	23.89	24.70
45	64QAM	1	1	22.13	22.30	22.17	23.20
45	256QAM	1	1	20.16	20.30	20.19	21.20
Channel				346000	349000	352000	Tune-up limit
Frequency (MHz)				1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	24.93	24.83	24.80	25.70
Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	24.82	24.92	24.84	25.70
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	24.87	24.84	24.84	25.70
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	24.83	24.94	24.80	25.70
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	24.86	24.88	24.80	25.70
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	24.86	24.85	24.79	25.70
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	24.93	24.89	24.86	25.70
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	24.89	24.95	24.79	25.70

【FR1 n66_Ant 4_DSI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346500	349000	351500	Tune-up limit (dBm)
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	16.83	16.88	16.81	17.20
45	PI/2 BPSK	1	120	16.60	16.78	16.64	17.20
45	PI/2 BPSK	1	240	16.69	16.80	16.71	17.20
45	PI/2 BPSK	120	0	16.66	16.85	16.66	17.20
45	PI/2 BPSK	120	60	16.70	16.86	16.77	17.20
45	PI/2 BPSK	120	120	16.60	16.78	16.68	17.20
45	PI/2 BPSK	240	0	16.74	16.84	16.70	17.20
45	QPSK	1	1	16.72	16.83	16.65	17.20
45	QPSK	1	120	16.60	16.80	16.62	17.20
45	QPSK	1	240	16.64	16.82	16.73	17.20
45	QPSK	120	0	16.75	16.83	16.69	17.20
45	QPSK	120	60	16.68	16.77	16.58	17.20
45	QPSK	120	120	16.62	16.76	16.61	17.20
45	QPSK	240	0	16.76	16.84	16.69	17.20
45	16QAM	1	1	16.74	16.83	16.70	17.20
45	64QAM	1	1	16.64	16.81	16.70	17.20
45	256QAM	1	1	16.69	16.77	16.64	17.20
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	16.76	16.85	16.70	17.20
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	16.80	16.84	16.80	17.20
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	16.72	16.84	16.70	17.20
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	16.79	16.78	16.68	17.20
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	16.72	16.84	16.75	17.20
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	16.73	16.74	16.72	17.20
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	16.80	16.87	16.77	17.20
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	16.74	16.84	16.70	17.20

【FR1 n66_Ant 4_DSI5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346500	349000	351500	Tune-up limit (dBm)
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	16.53	16.55	16.50	17.20
45	PI/2 BPSK	1	120	16.34	16.43	16.24	17.20
45	PI/2 BPSK	1	240	16.35	16.51	16.34	17.20
45	PI/2 BPSK	120	0	16.36	16.44	16.29	17.20
45	PI/2 BPSK	120	60	16.39	16.46	16.28	17.20
45	PI/2 BPSK	120	120	16.23	16.39	16.29	17.20
45	PI/2 BPSK	240	0	16.37	16.41	16.22	17.20
45	QPSK	1	1	16.31	16.41	16.23	17.20
45	QPSK	1	120	16.50	16.57	16.48	17.20
45	QPSK	1	240	16.32	16.39	16.19	17.20
45	QPSK	120	0	16.36	16.52	16.45	17.20
45	QPSK	120	60	16.38	16.53	16.42	17.20
45	QPSK	120	120	16.40	16.55	16.39	17.20
45	QPSK	240	0	16.46	16.56	16.39	17.20
45	16QAM	1	1	16.38	16.50	16.42	17.20
45	64QAM	1	1	16.24	16.37	16.20	17.20
45	256QAM	1	1	16.28	16.44	16.35	17.20
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	

40	PI/2 BPSK	1	1	16.46	16.49	16.48	17.20
Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	16.47	16.49	16.38	17.20
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	16.49	16.44	16.46	17.20
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	16.39	16.46	16.42	17.20
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	16.39	16.52	16.39	17.20
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	16.49	16.40	16.42	17.20
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	16.47	16.51	16.44	17.20
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	16.45	16.46	16.41	17.20

【FR1 n66_Ant 5_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				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	24.23	24.35	24.22	25.70
45	PI/2 BPSK	1	120	24.07	24.22	24.09	25.70
45	PI/2 BPSK	1	240	24.07	24.20	24.02	25.70
45	PI/2 BPSK	120	0	23.77	23.89	23.76	25.20
45	PI/2 BPSK	120	60	24.13	24.24	24.20	25.70
45	PI/2 BPSK	120	120	23.43	23.60	23.49	25.20
45	PI/2 BPSK	240	0	23.67	23.82	23.72	25.20
45	QPSK	1	1	23.76	23.93	23.84	25.70
45	QPSK	1	120	23.96	24.00	23.91	25.70
45	QPSK	1	240	24.05	24.21	24.02	25.70
45	QPSK	120	0	23.17	23.31	23.25	24.70
45	QPSK	120	60	23.95	24.06	24.00	25.70
45	QPSK	120	120	22.88	23.02	22.93	24.70
45	QPSK	240	0	23.35	23.40	23.30	24.70
45	16QAM	1	1	23.15	23.32	23.20	24.70
45	64QAM	1	1	21.79	21.84	21.70	23.20
45	256QAM	1	1	19.55	19.71	19.59	21.20
Channel				346000	349000	352000	Tune-up limit
Frequency (MHz)				1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	24.11	24.14	24.15	25.70
Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	24.22	24.21	24.17	25.70
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	24.16	24.16	24.14	25.70
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	24.21	24.25	24.11	25.70
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	24.18	24.16	24.13	25.70
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	24.18	24.21	24.19	25.70
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	24.16	24.23	24.08	25.70
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	24.15	24.16	24.15	25.70

【FR1 n66_Ant 5_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				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	24.51	24.54	24.46	25.70
45	PI/2 BPSK	1	120	24.38	24.43	24.33	25.70
45	PI/2 BPSK	1	240	24.34	24.44	24.31	25.70
45	PI/2 BPSK	120	0	23.81	23.98	23.88	25.20
45	PI/2 BPSK	120	60	24.42	24.50	24.33	25.70
45	PI/2 BPSK	120	120	23.78	23.94	23.82	25.20
45	PI/2 BPSK	240	0	23.88	23.99	23.83	25.20
45	QPSK	1	1	23.94	24.12	23.91	25.70
45	QPSK	1	120	24.02	24.15	24.04	25.70
45	QPSK	1	240	24.26	24.41	24.31	25.70
45	QPSK	120	0	23.35	23.52	23.37	24.70
45	QPSK	120	60	24.11	24.20	24.03	25.70
45	QPSK	120	120	22.99	23.04	22.86	24.70
45	QPSK	240	0	23.38	23.47	23.38	24.70
45	16QAM	1	1	23.38	23.42	23.25	24.70
45	64QAM	1	1	21.70	21.87	21.66	23.20
45	256QAM	1	1	19.73	19.87	19.67	21.20
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	24.46	24.46	24.35	25.70
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	24.39	24.53	24.33	25.70
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	24.46	24.51	24.41	25.70
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	24.39	24.42	24.41	25.70
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	24.47	24.52	24.33	25.70
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	24.41	24.50	24.37	25.70
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	24.38	24.48	24.38	25.70
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	24.50	24.47	24.40	25.70

【FR1 n66_Ant 5_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	14.89	14.95	14.86	16.20
45	PI/2 BPSK	1	120	14.79	14.95	14.75	16.20
45	PI/2 BPSK	1	240	14.65	14.76	14.62	16.20
45	PI/2 BPSK	120	0	14.70	14.80	14.61	16.20
45	PI/2 BPSK	120	60	14.81	14.94	14.82	16.20
45	PI/2 BPSK	120	120	14.84	14.91	14.77	16.20
45	PI/2 BPSK	240	0	14.74	14.86	14.65	16.20
45	QPSK	1	1	14.65	14.81	14.67	16.20
45	QPSK	1	120	14.62	14.77	14.64	16.20
45	QPSK	1	240	14.65	14.78	14.62	16.20
45	QPSK	120	0	14.81	14.94	14.83	16.20
45	QPSK	120	60	14.58	14.78	14.56	16.20
45	QPSK	120	120	14.77	14.93	14.77	16.20
45	QPSK	240	0	14.82	14.96	14.79	16.20
45	16QAM	1	1	14.60	14.77	14.60	16.20
45	64QAM	1	1	14.82	14.91	14.80	16.20
45	256QAM	1	1	14.69	14.77	14.66	16.20
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	14.85	14.90	14.83	16.20
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	

35	PI/2 BPSK	1	1	14.74	14.87	14.74	16.20
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	14.83	14.80	14.74	16.20
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	14.75	14.90	14.79	16.20
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	14.88	14.85	14.82	16.20
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	14.84	14.84	14.84	16.20
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	14.83	14.83	14.80	16.20
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	14.76	14.93	14.73	16.20

【FR1 n66_Ant 5_DSI1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346500	349000	351500	Tune-up limit
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	15.09	15.12	15.10	16.20
45	PI/2 BPSK	1	120	14.95	15.02	14.87	16.20
45	PI/2 BPSK	1	240	14.96	15.09	15.00	16.20
45	PI/2 BPSK	120	0	15.00	15.07	14.91	16.20
45	PI/2 BPSK	120	60	14.97	15.10	15.00	16.20
45	PI/2 BPSK	120	120	14.95	15.09	14.94	16.20
45	PI/2 BPSK	240	0	14.91	15.03	14.90	16.20
45	QPSK	1	1	14.87	14.99	14.93	16.20
45	QPSK	1	120	14.97	15.02	14.98	16.20
45	QPSK	1	240	14.84	14.94	14.85	16.20
45	QPSK	120	0	14.93	15.01	14.92	16.20
45	QPSK	120	60	14.95	15.02	14.91	16.20
45	QPSK	120	120	15.04	15.09	15.04	16.20
45	QPSK	240	0	14.85	14.96	14.93	16.20
45	16QAM	1	1	14.83	14.93	14.87	16.20
45	64QAM	1	1	14.87	15.00	14.94	16.20
45	256QAM	1	1	15.08	15.14	14.98	16.20
Channel				346000	349000	352000	Tune-up limit
Frequency (MHz)				1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	15.03	15.05	15.00	16.20
Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	15.01	15.09	15.05	16.20
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	14.99	15.01	15.01	16.20
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	14.97	15.08	15.05	16.20
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	15.03	14.98	15.04	16.20
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	15.01	15.07	15.03	16.20
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	15.07	15.05	14.96	16.20
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	14.95	15.01	15.04	16.20

【FR1 n66_Ant 5_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low	Power Middle	Power High	Tune-up limit (dBm)
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				Ch. / Freq.	Ch. / Freq.	Ch. / Freq.	
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	17.45	17.57	17.43	18.70
45	PI/2 BPSK	1	120	17.29	17.55	17.29	18.70
45	PI/2 BPSK	1	240	17.28	17.51	17.24	18.70
45	PI/2 BPSK	120	0	17.30	17.44	17.19	18.70
45	PI/2 BPSK	120	60	17.34	17.56	17.32	18.70
45	PI/2 BPSK	120	120	17.28	17.54	17.34	18.70
45	PI/2 BPSK	240	0	17.34	17.53	17.27	18.70
45	QPSK	1	1	17.31	17.53	17.33	18.70
45	QPSK	1	120	17.26	17.44	17.28	18.70
45	QPSK	1	240	17.35	17.52	17.23	18.70
45	QPSK	120	0	17.31	17.55	17.31	18.70
45	QPSK	120	60	17.41	17.54	17.34	18.70
45	QPSK	120	120	17.24	17.47	17.32	18.70
45	QPSK	240	0	17.28	17.53	17.27	18.70
45	16QAM	1	1	17.27	17.49	17.32	18.70
45	64QAM	1	1	17.19	17.45	17.23	18.70
45	256QAM	1	1	17.28	17.48	17.21	18.70
Channel				346000	349000	352000	Tune-up limit
Frequency (MHz)				1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	17.39	17.50	17.40	18.70
Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	17.37	17.45	17.30	18.70
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	17.35	17.48	17.38	18.70
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	17.41	17.51	17.32	18.70
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	17.36	17.54	17.30	18.70
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	17.40	17.42	17.41	18.70
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	17.37	17.46	17.30	18.70
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	17.33	17.56	17.31	18.70

【FR1 n66_Ant 5_DSI3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	17.63	17.65	17.61	18.70
45	PI/2 BPSK	1	120	17.48	17.64	17.47	18.70
45	PI/2 BPSK	1	240	17.47	17.61	17.46	18.70
45	PI/2 BPSK	120	0	17.47	17.62	17.55	18.70
45	PI/2 BPSK	120	60	17.52	17.63	17.43	18.70
45	PI/2 BPSK	120	120	17.45	17.52	17.45	18.70
45	PI/2 BPSK	240	0	17.48	17.60	17.43	18.70
45	QPSK	1	1	17.37	17.50	17.42	18.70
45	QPSK	1	120	17.55	17.63	17.54	18.70
45	QPSK	1	240	17.36	17.44	17.26	18.70
45	QPSK	120	0	17.44	17.53	17.46	18.70
45	QPSK	120	60	17.51	17.56	17.48	18.70
45	QPSK	120	120	17.27	17.42	17.34	18.70
45	QPSK	240	0	17.54	17.61	17.45	18.70
45	16QAM	1	1	17.29	17.43	17.30	18.70
45	64QAM	1	1	17.47	17.53	17.42	18.70
45	256QAM	1	1	17.46	17.56	17.43	18.70
Channel				346000	349000	352000	Tune-up limit
Frequency (MHz)				1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	17.50	17.62	17.58	18.70
Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	17.55	17.58	17.47	18.70
Channel				345000	349000	353000	Tune-up limit

Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	17.61	17.56	17.57	18.70
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	17.58	17.52	17.59	18.70
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	17.58	17.57	17.48	18.70
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	17.54	17.51	17.59	18.70
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	17.58	17.55	17.49	18.70
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	17.54	17.62	17.50	18.70

【FR1 n66_Ant 5_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				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	23.29	23.41	23.35	24.70
45	PI/2 BPSK	1	120	23.12	23.33	23.23	24.70
45	PI/2 BPSK	1	240	23.12	23.39	23.24	24.70
45	PI/2 BPSK	120	0	23.03	23.27	23.18	24.70
45	PI/2 BPSK	120	60	23.21	23.38	23.23	24.70
45	PI/2 BPSK	120	120	23.17	23.37	23.29	24.70
45	PI/2 BPSK	240	0	23.16	23.36	23.19	24.70
45	QPSK	1	1	23.04	23.25	23.11	24.70
45	QPSK	1	120	23.05	23.26	23.18	24.70
45	QPSK	1	240	23.19	23.34	23.19	24.70
45	QPSK	120	0	23.32	23.46	23.33	24.70
45	QPSK	120	60	23.09	23.30	23.11	24.70
45	QPSK	120	120	23.25	23.42	23.32	24.70
45	QPSK	240	0	23.22	23.47	23.37	24.70
45	16QAM	1	1	23.16	23.34	23.26	24.70
45	64QAM	1	1	22.14	22.39	22.23	23.20
45	256QAM	1	1	20.16	20.41	20.26	21.20
Channel				346000	349000	352000	Tune-up limit
Frequency (MHz)				1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	23.23	23.28	23.23	24.70
Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	23.27	23.29	23.28	24.70
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	23.23	23.32	23.20	24.70
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	23.21	23.27	23.24	24.70
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	23.25	23.35	23.33	24.70
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	23.28	23.36	23.26	24.70
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	23.16	23.34	23.30	24.70
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	23.19	23.30	23.31	24.70

【FR1 n66_Ant 5_DSI4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	23.63	23.66	23.60	24.70
45	PI/2 BPSK	1	120	23.47	23.63	23.48	24.70
45	PI/2 BPSK	1	240	23.41	23.55	23.37	24.70
45	PI/2 BPSK	120	0	23.31	23.44	23.24	24.70
45	PI/2 BPSK	120	60	23.56	23.62	23.46	24.70
45	PI/2 BPSK	120	120	23.32	23.44	23.37	24.70
45	PI/2 BPSK	240	0	23.36	23.53	23.38	24.70
45	QPSK	1	1	23.37	23.55	23.46	24.70
45	QPSK	1	120	23.37	23.50	23.36	24.70
45	QPSK	1	240	23.54	23.62	23.47	24.70
45	QPSK	120	0	23.38	23.45	23.29	24.70
45	QPSK	120	60	23.43	23.58	23.42	24.70
45	QPSK	120	120	23.46	23.50	23.41	24.70
45	QPSK	240	0	23.52	23.63	23.44	24.70
45	16QAM	1	1	23.55	23.59	23.43	24.70
45	64QAM	1	1	22.05	22.10	21.90	23.20
45	256QAM	1	1	20.17	20.21	20.02	21.20
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	23.57	23.63	23.55	24.70
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	23.60	23.59	23.50	24.70
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	23.59	23.63	23.54	24.70
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	23.62	23.64	23.46	24.70
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	23.52	23.54	23.53	24.70
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	23.59	23.53	23.51	24.70
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	23.57	23.65	23.48	24.70
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	23.49	23.52	23.49	24.70

【FR1 n66_Ant 5_DSI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	14.89	14.95	14.86	16.20
45	PI/2 BPSK	1	120	14.79	14.95	14.75	16.20
45	PI/2 BPSK	1	240	14.65	14.76	14.62	16.20
45	PI/2 BPSK	120	0	14.70	14.80	14.61	16.20
45	PI/2 BPSK	120	60	14.81	14.94	14.82	16.20
45	PI/2 BPSK	120	120	14.84	14.91	14.77	16.20
45	PI/2 BPSK	240	0	14.74	14.86	14.65	16.20
45	QPSK	1	1	14.65	14.81	14.67	16.20
45	QPSK	1	120	14.62	14.77	14.64	16.20
45	QPSK	1	240	14.65	14.78	14.62	16.20
45	QPSK	120	0	14.81	14.94	14.83	16.20
45	QPSK	120	60	14.58	14.78	14.56	16.20
45	QPSK	120	120	14.77	14.93	14.77	16.20
45	QPSK	240	0	14.82	14.96	14.79	16.20
45	16QAM	1	1	14.60	14.77	14.60	16.20
45	64QAM	1	1	14.82	14.91	14.80	16.20
45	256QAM	1	1	14.69	14.77	14.66	16.20
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	14.85	14.90	14.83	16.20

Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	14.74	14.87	14.74	16.20
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	14.83	14.80	14.74	16.20
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	14.75	14.90	14.79	16.20
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	14.88	14.85	14.82	16.20
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	14.84	14.84	14.84	16.20
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	14.83	14.83	14.80	16.20
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	14.76	14.93	14.73	16.20

【FR1 n66_Ant 5_DSI5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	15.09	15.12	15.10	16.20
45	PI/2 BPSK	1	120	14.95	15.02	14.87	16.20
45	PI/2 BPSK	1	240	14.96	15.09	15.00	16.20
45	PI/2 BPSK	120	0	15.00	15.07	14.91	16.20
45	PI/2 BPSK	120	60	14.97	15.10	15.00	16.20
45	PI/2 BPSK	120	120	14.95	15.09	14.94	16.20
45	PI/2 BPSK	240	0	14.91	15.03	14.90	16.20
45	QPSK	1	1	14.87	14.99	14.93	16.20
45	QPSK	1	120	14.97	15.02	14.98	16.20
45	QPSK	1	240	14.84	14.94	14.85	16.20
45	QPSK	120	0	14.93	15.01	14.92	16.20
45	QPSK	120	60	14.95	15.02	14.91	16.20
45	QPSK	120	120	15.04	15.09	15.04	16.20
45	QPSK	240	0	14.85	14.96	14.93	16.20
45	16QAM	1	1	14.83	14.93	14.87	16.20
45	64QAM	1	1	14.87	15.00	14.94	16.20
45	256QAM	1	1	15.08	15.14	14.98	16.20
Channel				346000	349000	352000	Tune-up limit
Frequency (MHz)				1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	15.03	15.05	15.00	16.20
Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	15.01	15.09	15.05	16.20
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	14.99	15.01	15.01	16.20
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	14.97	15.08	15.05	16.20
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	15.03	14.98	15.04	16.20
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	15.01	15.07	15.03	16.20
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	15.07	15.05	14.96	16.20
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	14.95	15.01	15.04	16.20

【FR1 n66_Ant 6_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit
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				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.	(dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	24.83	24.86	24.79	25.50
45	PI/2 BPSK	1	120	24.68	24.74	24.64	25.50
45	PI/2 BPSK	1	240	24.70	24.85	24.64	25.50
45	PI/2 BPSK	120	0	24.28	24.43	24.35	25.00
45	PI/2 BPSK	120	60	24.65	24.79	24.65	25.50
45	PI/2 BPSK	120	120	23.98	24.14	23.98	25.00
45	PI/2 BPSK	240	0	24.13	24.31	24.17	25.00
45	QPSK	1	1	24.48	24.56	24.44	25.50
45	QPSK	1	120	24.64	24.76	24.64	25.50
45	QPSK	1	240	24.67	24.77	24.61	25.50
45	QPSK	120	0	23.76	23.92	23.75	24.50
45	QPSK	120	60	24.59	24.70	24.53	25.50
45	QPSK	120	120	23.59	23.70	23.62	24.50
45	QPSK	240	0	23.84	23.96	23.85	24.50
45	16QAM	1	1	23.86	23.97	23.80	24.50
45	64QAM	1	1	22.40	22.56	22.46	23.00
45	256QAM	1	1	20.37	20.44	20.33	21.00
Channel				346000	349000	352000	Tune-up limit
Frequency (MHz)				1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	24.80	24.84	24.66	25.50
Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	24.71	24.81	24.74	25.50
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	24.69	24.79	24.68	25.50
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	24.80	24.76	24.64	25.50
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	24.76	24.78	24.74	25.50
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	24.72	24.75	24.71	25.50
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	24.76	24.81	24.70	25.50
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	24.70	24.75	24.72	25.50

【FR1 n66_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				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	25.11	25.13	25.07	25.50
45	PI/2 BPSK	1	120	25.01	25.12	25.01	25.50
45	PI/2 BPSK	1	240	24.94	25.09	25.02	25.50
45	PI/2 BPSK	120	0	24.58	24.64	24.46	25.00
45	PI/2 BPSK	120	60	24.92	25.06	24.85	25.50
45	PI/2 BPSK	120	120	24.61	24.69	24.50	25.00
45	PI/2 BPSK	240	0	24.61	24.75	24.55	25.00
45	QPSK	1	1	24.97	25.10	24.97	25.50
45	QPSK	1	120	24.99	25.06	24.87	25.50
45	QPSK	1	240	25.00	25.05	24.95	25.50
45	QPSK	120	0	24.20	24.23	24.14	24.50
45	QPSK	120	60	24.74	24.84	24.67	25.50
45	QPSK	120	120	24.17	24.24	24.08	24.50
45	QPSK	240	0	24.03	24.15	23.99	24.50
45	16QAM	1	1	23.94	24.10	24.01	24.50
45	64QAM	1	1	22.59	22.62	22.42	23.00
45	256QAM	1	1	20.38	20.45	20.34	21.00
Channel				346000	349000	352000	Tune-up limit
Frequency (MHz)				1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	25.03	24.99	25.04	25.50
Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	25.06	25.07	24.97	25.50

Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	25.07	25.10	25.04	25.50
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	25.08	25.12	25.01	25.50
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	25.04	25.11	25.01	25.50
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	25.05	25.06	25.04	25.50
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	25.03	25.10	25.00	25.50
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	25.07	25.06	25.04	25.50

【FR1 n66_Ant 6_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	24.83	24.86	24.79	25.50
45	PI/2 BPSK	1	120	24.68	24.74	24.64	25.50
45	PI/2 BPSK	1	240	24.70	24.85	24.64	25.50
45	PI/2 BPSK	120	0	24.28	24.43	24.35	25.00
45	PI/2 BPSK	120	60	24.65	24.79	24.65	25.50
45	PI/2 BPSK	120	120	23.98	24.14	23.98	25.00
45	PI/2 BPSK	240	0	24.13	24.31	24.17	25.00
45	QPSK	1	1	24.48	24.56	24.44	25.50
45	QPSK	1	120	24.64	24.76	24.64	25.50
45	QPSK	1	240	24.67	24.77	24.61	25.50
45	QPSK	120	0	23.76	23.92	23.75	24.50
45	QPSK	120	60	24.59	24.70	24.53	25.50
45	QPSK	120	120	23.59	23.70	23.62	24.50
45	QPSK	240	0	23.84	23.96	23.85	24.50
45	16QAM	1	1	23.86	23.97	23.80	24.50
45	64QAM	1	1	22.40	22.56	22.46	23.00
45	256QAM	1	1	20.37	20.44	20.33	21.00
Channel				346000	349000	352000	Tune-up limit
Frequency (MHz)				1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	24.80	24.84	24.66	25.50
Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	24.71	24.81	24.74	25.50
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	24.69	24.79	24.68	25.50
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	24.80	24.76	24.64	25.50
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	24.76	24.78	24.74	25.50
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	24.72	24.75	24.71	25.50
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	24.76	24.81	24.70	25.50
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	24.70	24.75	24.72	25.50

【FR1 n66_Ant 6_DSI1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	25.11	25.13	25.07	25.50
45	PI/2 BPSK	1	120	25.01	25.12	25.01	25.50
45	PI/2 BPSK	1	240	24.94	25.09	25.02	25.50
45	PI/2 BPSK	120	0	24.58	24.64	24.46	25.00
45	PI/2 BPSK	120	60	24.92	25.06	24.85	25.50
45	PI/2 BPSK	120	120	24.61	24.69	24.50	25.00
45	PI/2 BPSK	240	0	24.61	24.75	24.55	25.00
45	QPSK	1	1	24.97	25.10	24.97	25.50
45	QPSK	1	120	24.99	25.06	24.87	25.50
45	QPSK	1	240	25.00	25.05	24.95	25.50
45	QPSK	120	0	24.20	24.23	24.14	24.50
45	QPSK	120	60	24.74	24.84	24.67	25.50
45	QPSK	120	120	24.17	24.24	24.08	24.50
45	QPSK	240	0	24.03	24.15	23.99	24.50
45	16QAM	1	1	23.94	24.10	24.01	24.50
45	64QAM	1	1	22.59	22.62	22.42	23.00
45	256QAM	1	1	20.38	20.45	20.34	21.00
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	25.03	24.99	25.04	25.50
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	25.06	25.07	24.97	25.50
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	25.07	25.10	25.04	25.50
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	25.08	25.12	25.01	25.50
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	25.04	25.11	25.01	25.50
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	25.05	25.06	25.04	25.50
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	25.03	25.10	25.00	25.50
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	25.07	25.06	25.04	25.50

【FR1 n66_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				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	19.26	19.36	19.31	21.00
45	PI/2 BPSK	1	120	19.05	19.27	19.16	21.00
45	PI/2 BPSK	1	240	19.10	19.23	19.08	21.00
45	PI/2 BPSK	120	0	19.18	19.29	19.14	21.00
45	PI/2 BPSK	120	60	19.18	19.34	19.25	21.00
45	PI/2 BPSK	120	120	19.03	19.16	19.00	21.00
45	PI/2 BPSK	240	0	19.18	19.20	19.13	21.00
45	QPSK	1	1	19.05	19.23	19.17	21.00
45	QPSK	1	120	19.19	19.36	19.18	21.00
45	QPSK	1	240	19.16	19.34	19.18	21.00
45	QPSK	120	0	19.11	19.23	19.09	21.00
45	QPSK	120	60	18.96	19.14	19.03	21.00
45	QPSK	120	120	18.96	19.18	19.00	21.00
45	QPSK	240	0	19.07	19.20	19.01	21.00
45	16QAM	1	1	19.07	19.23	19.08	21.00
45	64QAM	1	1	19.01	19.15	18.96	21.00
45	256QAM	1	1	18.99	19.17	18.98	21.00
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	19.20	19.32	19.19	21.00

Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	19.20	19.34	19.16	21.00
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	19.12	19.30	19.29	21.00
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	19.14	19.23	19.18	21.00
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	19.20	19.29	19.17	21.00
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	19.22	19.26	19.22	21.00
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	19.16	19.23	19.18	21.00
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	19.12	19.25	19.29	21.00

【FR1 n66_Ant 6_DSI3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	19.62	19.69	19.67	20.50
45	PI/2 BPSK	1	120	19.53	19.68	19.64	20.50
45	PI/2 BPSK	1	240	19.36	19.52	19.47	20.50
45	PI/2 BPSK	120	0	19.35	19.57	19.43	20.50
45	PI/2 BPSK	120	60	19.51	19.63	19.52	20.50
45	PI/2 BPSK	120	120	19.34	19.55	19.40	20.50
45	PI/2 BPSK	240	0	19.44	19.61	19.58	20.50
45	QPSK	1	1	19.48	19.66	19.60	20.50
45	QPSK	1	120	19.38	19.51	19.41	20.50
45	QPSK	1	240	19.50	19.70	19.57	20.50
45	QPSK	120	0	19.36	19.52	19.36	20.50
45	QPSK	120	60	19.46	19.63	19.50	20.50
45	QPSK	120	120	19.54	19.65	19.49	20.50
45	QPSK	240	0	19.46	19.65	19.56	20.50
45	16QAM	1	1	19.41	19.51	19.44	20.50
45	64QAM	1	1	19.44	19.62	19.50	20.50
45	256QAM	1	1	19.39	19.55	19.40	20.50
Channel				346000	349000	352000	Tune-up limit
Frequency (MHz)				1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	19.54	19.63	19.54	20.50
Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	19.59	19.62	19.59	20.50
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	19.57	19.68	19.55	20.50
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	19.48	19.60	19.60	20.50
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	19.54	19.59	19.60	20.50
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	19.52	19.66	19.53	20.50
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	19.50	19.55	19.55	20.50
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	19.48	19.65	19.58	20.50

【FR1 n66_Ant 6_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit
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				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.	(dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	19.26	19.36	19.31	21.00
45	PI/2 BPSK	1	120	19.05	19.27	19.16	21.00
45	PI/2 BPSK	1	240	19.10	19.23	19.08	21.00
45	PI/2 BPSK	120	0	19.18	19.29	19.14	21.00
45	PI/2 BPSK	120	60	19.18	19.34	19.25	21.00
45	PI/2 BPSK	120	120	19.03	19.16	19.00	21.00
45	PI/2 BPSK	240	0	19.18	19.20	19.13	21.00
45	QPSK	1	1	19.05	19.23	19.17	21.00
45	QPSK	1	120	19.19	19.36	19.18	21.00
45	QPSK	1	240	19.16	19.34	19.18	21.00
45	QPSK	120	0	19.11	19.23	19.09	21.00
45	QPSK	120	60	18.96	19.14	19.03	21.00
45	QPSK	120	120	18.96	19.18	19.00	21.00
45	QPSK	240	0	19.07	19.20	19.01	21.00
45	16QAM	1	1	19.07	19.23	19.08	21.00
45	64QAM	1	1	19.01	19.15	18.96	21.00
45	256QAM	1	1	18.99	19.17	18.98	21.00
Channel				346000	349000	352000	Tune-up limit
Frequency (MHz)				1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	19.20	19.32	19.19	21.00
Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	19.20	19.34	19.16	21.00
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	19.12	19.30	19.29	21.00
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	19.14	19.23	19.18	21.00
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	19.20	19.29	19.17	21.00
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	19.22	19.26	19.22	21.00
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	19.16	19.23	19.18	21.00
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	19.12	19.25	19.29	21.00

【FR1 n66_Ant 6_DSI4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	19.62	19.69	19.67	20.50
45	PI/2 BPSK	1	120	19.53	19.68	19.64	20.50
45	PI/2 BPSK	1	240	19.36	19.52	19.47	20.50
45	PI/2 BPSK	120	0	19.35	19.57	19.43	20.50
45	PI/2 BPSK	120	60	19.51	19.63	19.52	20.50
45	PI/2 BPSK	120	120	19.34	19.55	19.40	20.50
45	PI/2 BPSK	240	0	19.44	19.61	19.58	20.50
45	QPSK	1	1	19.48	19.66	19.60	20.50
45	QPSK	1	120	19.38	19.51	19.41	20.50
45	QPSK	1	240	19.50	19.70	19.57	20.50
45	QPSK	120	0	19.36	19.52	19.36	20.50
45	QPSK	120	60	19.46	19.63	19.50	20.50
45	QPSK	120	120	19.54	19.65	19.49	20.50
45	QPSK	240	0	19.46	19.65	19.56	20.50
45	16QAM	1	1	19.41	19.51	19.44	20.50
45	64QAM	1	1	19.44	19.62	19.50	20.50
45	256QAM	1	1	19.39	19.55	19.40	20.50
Channel				346000	349000	352000	Tune-up limit
Frequency (MHz)				1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	19.54	19.63	19.54	20.50
Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	19.59	19.62	19.59	20.50

Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	19.57	19.68	19.55	20.50
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	19.48	19.60	19.60	20.50
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	19.54	19.59	19.60	20.50
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	19.52	19.66	19.53	20.50
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	19.50	19.55	19.55	20.50
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	19.48	19.65	19.58	20.50

【FR1 n66_Ant 6_DSI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	19.26	19.36	19.31	21.00
45	PI/2 BPSK	1	120	19.05	19.27	19.16	21.00
45	PI/2 BPSK	1	240	19.10	19.23	19.08	21.00
45	PI/2 BPSK	120	0	19.18	19.29	19.14	21.00
45	PI/2 BPSK	120	60	19.18	19.34	19.25	21.00
45	PI/2 BPSK	120	120	19.03	19.16	19.00	21.00
45	PI/2 BPSK	240	0	19.18	19.20	19.13	21.00
45	QPSK	1	1	19.05	19.23	19.17	21.00
45	QPSK	1	120	19.19	19.36	19.18	21.00
45	QPSK	1	240	19.16	19.34	19.18	21.00
45	QPSK	120	0	19.11	19.23	19.09	21.00
45	QPSK	120	60	18.96	19.14	19.03	21.00
45	QPSK	120	120	18.96	19.18	19.00	21.00
45	QPSK	240	0	19.07	19.20	19.01	21.00
45	16QAM	1	1	19.07	19.23	19.08	21.00
45	64QAM	1	1	19.01	19.15	18.96	21.00
45	256QAM	1	1	18.99	19.17	18.98	21.00
Channel				346000	349000	352000	Tune-up limit
Frequency (MHz)				1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	19.20	19.32	19.19	21.00
Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	19.20	19.34	19.16	21.00
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	19.12	19.30	19.29	21.00
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	19.14	19.23	19.18	21.00
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	19.20	19.29	19.17	21.00
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	19.22	19.26	19.22	21.00
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	19.16	19.23	19.18	21.00
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	19.12	19.25	19.29	21.00

【FR1 n66_Ant 6_DSI5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	19.62	19.69	19.67	20.50
45	PI/2 BPSK	1	120	19.53	19.68	19.64	20.50
45	PI/2 BPSK	1	240	19.36	19.52	19.47	20.50
45	PI/2 BPSK	120	0	19.35	19.57	19.43	20.50
45	PI/2 BPSK	120	60	19.51	19.63	19.52	20.50
45	PI/2 BPSK	120	120	19.34	19.55	19.40	20.50
45	PI/2 BPSK	240	0	19.44	19.61	19.58	20.50
45	QPSK	1	1	19.48	19.66	19.60	20.50
45	QPSK	1	120	19.38	19.51	19.41	20.50
45	QPSK	1	240	19.50	19.70	19.57	20.50
45	QPSK	120	0	19.36	19.52	19.36	20.50
45	QPSK	120	60	19.46	19.63	19.50	20.50
45	QPSK	120	120	19.54	19.65	19.49	20.50
45	QPSK	240	0	19.46	19.65	19.56	20.50
45	16QAM	1	1	19.41	19.51	19.44	20.50
45	64QAM	1	1	19.44	19.62	19.50	20.50
45	256QAM	1	1	19.39	19.55	19.40	20.50
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	19.54	19.63	19.54	20.50
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	19.59	19.62	19.59	20.50
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	19.57	19.68	19.55	20.50
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	19.48	19.60	19.60	20.50
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	19.54	19.59	19.60	20.50
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	19.52	19.66	19.53	20.50
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	19.50	19.55	19.55	20.50
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	19.48	19.65	19.58	20.50

【FR1 n66_Ant 7_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				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	24.69	24.75	24.73	25.50
45	PI/2 BPSK	1	120	24.60	24.70	24.54	25.50
45	PI/2 BPSK	1	240	24.53	24.68	24.64	25.50
45	PI/2 BPSK	120	0	24.07	24.17	24.10	25.00
45	PI/2 BPSK	120	60	24.66	24.68	24.61	25.50
45	PI/2 BPSK	120	120	23.80	23.98	23.93	25.00
45	PI/2 BPSK	240	0	24.04	24.15	24.05	25.00
45	QPSK	1	1	24.29	24.47	24.40	25.50
45	QPSK	1	120	24.34	24.49	24.44	25.50
45	QPSK	1	240	24.38	24.59	24.48	25.50
45	QPSK	120	0	23.63	23.80	23.69	24.50
45	QPSK	120	60	24.41	24.59	24.44	25.50
45	QPSK	120	120	23.42	23.58	23.53	24.50
45	QPSK	240	0	23.55	23.68	23.58	24.50
45	16QAM	1	1	23.70	23.80	23.64	24.50
45	64QAM	1	1	22.23	22.39	22.24	23.00
45	256QAM	1	1	20.08	20.25	20.20	21.00
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	24.63	24.60	24.70	25.50

Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	24.65	24.62	24.63	25.50
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	24.60	24.61	24.63	25.50
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	24.56	24.71	24.58	25.50
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	24.56	24.63	24.63	25.50
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	24.57	24.69	24.69	25.50
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	24.68	24.68	24.68	25.50
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	24.66	24.71	24.66	25.50

【FR1 n66_Ant 7_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				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	25.03	25.09	25.05	25.70
45	PI/2 BPSK	1	120	24.92	25.02	24.96	25.70
45	PI/2 BPSK	1	240	24.82	24.95	24.78	25.70
45	PI/2 BPSK	120	0	24.49	24.65	24.53	25.20
45	PI/2 BPSK	120	60	24.83	25.01	24.91	25.70
45	PI/2 BPSK	120	120	24.54	24.66	24.48	25.20
45	PI/2 BPSK	240	0	24.63	24.70	24.61	25.20
45	QPSK	1	1	24.89	25.07	24.94	25.70
45	QPSK	1	120	24.79	24.93	24.75	25.70
45	QPSK	1	240	24.69	24.78	24.70	25.70
45	QPSK	120	0	23.96	24.11	23.92	24.70
45	QPSK	120	60	24.83	25.01	24.86	25.70
45	QPSK	120	120	24.06	24.13	23.95	24.70
45	QPSK	240	0	23.97	24.12	23.95	24.70
45	16QAM	1	1	23.87	24.04	23.96	24.70
45	64QAM	1	1	22.33	22.46	22.30	23.20
45	256QAM	1	1	20.36	20.42	20.30	21.20
Channel				346000	349000	352000	Tune-up limit
Frequency (MHz)				1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	24.90	24.98	25.01	25.70
Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	24.93	25.06	24.93	25.70
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	24.95	25.08	24.95	25.70
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	24.96	25.03	25.04	25.70
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	24.98	25.03	24.98	25.70
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	24.94	25.06	24.93	25.70
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	24.98	24.96	25.00	25.70
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	24.90	25.08	24.90	25.70

【FR1 n66_Ant 7_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit
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				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.	(dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	18.25	18.29	18.21	20.00
45	PI/2 BPSK	1	120	18.00	18.14	17.98	20.00
45	PI/2 BPSK	1	240	18.13	18.25	18.03	20.00
45	PI/2 BPSK	120	0	18.17	18.22	18.09	20.00
45	PI/2 BPSK	120	60	18.22	18.28	18.12	20.00
45	PI/2 BPSK	120	120	18.12	18.23	18.14	20.00
45	PI/2 BPSK	240	0	18.14	18.22	18.04	20.00
45	QPSK	1	1	18.12	18.21	18.06	20.00
45	QPSK	1	120	18.26	18.32	18.11	20.00
45	QPSK	1	240	18.17	18.25	18.03	20.00
45	QPSK	120	0	18.00	18.15	18.02	20.00
45	QPSK	120	60	18.13	18.20	18.00	20.00
45	QPSK	120	120	18.14	18.20	18.09	20.00
45	QPSK	240	0	18.09	18.21	18.04	20.00
45	16QAM	1	1	18.18	18.24	18.02	20.00
45	64QAM	1	1	18.02	18.15	17.98	20.00
45	256QAM	1	1	18.07	18.19	17.96	20.00
Channel				346000	349000	352000	Tune-up limit
Frequency (MHz)				1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	18.16	18.20	18.10	20.00
Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	18.11	18.16	18.15	20.00
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	18.14	18.16	18.19	20.00
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	18.24	18.26	18.06	20.00
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	18.14	18.17	18.12	20.00
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	18.11	18.22	18.15	20.00
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	18.14	18.16	18.06	20.00
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	18.23	18.24	18.12	20.00

【FR1 n66_Ant 7_DSI1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	18.65	18.68	18.63	19.70
45	PI/2 BPSK	1	120	18.49	18.55	18.49	19.70
45	PI/2 BPSK	1	240	18.57	18.68	18.52	19.70
45	PI/2 BPSK	120	0	18.36	18.53	18.37	19.70
45	PI/2 BPSK	120	60	18.45	18.63	18.43	19.70
45	PI/2 BPSK	120	120	18.38	18.49	18.37	19.70
45	PI/2 BPSK	240	0	18.53	18.62	18.51	19.70
45	QPSK	1	1	18.46	18.53	18.34	19.70
45	QPSK	1	120	18.43	18.47	18.31	19.70
45	QPSK	1	240	18.61	18.71	18.63	19.70
45	QPSK	120	0	18.41	18.53	18.35	19.70
45	QPSK	120	60	18.52	18.57	18.40	19.70
45	QPSK	120	120	18.46	18.63	18.55	19.70
45	QPSK	240	0	18.35	18.49	18.30	19.70
45	16QAM	1	1	18.42	18.60	18.54	19.70
45	64QAM	1	1	18.60	18.66	18.54	19.70
45	256QAM	1	1	18.47	18.58	18.51	19.70
Channel				346000	349000	352000	Tune-up limit
Frequency (MHz)				1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	18.51	18.66	18.48	19.70
Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	18.51	18.62	18.62	19.70

Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	18.52	18.55	18.58	19.70
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	18.63	18.61	18.57	19.70
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	18.57	18.62	18.53	19.70
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	18.62	18.66	18.61	19.70
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	18.52	18.53	18.59	19.70
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	18.51	18.57	18.57	19.70

【FR1 n66_Ant 7_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				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	19.31	19.32	19.28	21.00
45	PI/2 BPSK	1	120	19.23	19.29	19.11	21.00
45	PI/2 BPSK	1	240	19.14	19.25	19.16	21.00
45	PI/2 BPSK	120	0	19.16	19.23	19.14	21.00
45	PI/2 BPSK	120	60	19.19	19.30	19.15	21.00
45	PI/2 BPSK	120	120	19.15	19.23	19.13	21.00
45	PI/2 BPSK	240	0	19.14	19.17	19.00	21.00
45	QPSK	1	1	19.16	19.26	19.11	21.00
45	QPSK	1	120	19.04	19.14	19.04	21.00
45	QPSK	1	240	19.19	19.25	19.13	21.00
45	QPSK	120	0	19.23	19.30	19.24	21.00
45	QPSK	120	60	19.11	19.26	19.10	21.00
45	QPSK	120	120	19.09	19.25	19.16	21.00
45	QPSK	240	0	19.12	19.27	19.11	21.00
45	16QAM	1	1	19.25	19.28	19.18	21.00
45	64QAM	1	1	19.20	19.23	19.15	21.00
45	256QAM	1	1	19.14	19.25	19.19	20.50
Channel				346000	349000	352000	Tune-up limit
Frequency (MHz)				1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	19.29	19.17	19.23	21.00
Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	19.26	19.29	19.18	21.00
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	19.25	19.19	19.27	21.00
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	19.26	19.27	19.21	21.00
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	19.25	19.23	19.14	21.00
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	19.20	19.20	19.19	21.00
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	19.19	19.25	19.21	21.00
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	19.27	19.21	19.24	21.00

【FR1 n66_Ant 7_DSI3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	20.16	20.18	20.15	20.70
45	PI/2 BPSK	1	120	20.14	20.17	20.04	20.70
45	PI/2 BPSK	1	240	20.01	20.16	20.08	20.70
45	PI/2 BPSK	120	0	20.00	20.04	19.88	20.70
45	PI/2 BPSK	120	60	19.98	20.05	19.91	20.70
45	PI/2 BPSK	120	120	19.90	20.04	19.95	20.70
45	PI/2 BPSK	240	0	19.97	20.07	19.95	20.70
45	QPSK	1	1	20.07	20.13	19.98	20.70
45	QPSK	1	120	19.97	20.06	20.01	20.70
45	QPSK	1	240	19.89	20.06	20.00	20.70
45	QPSK	120	0	19.91	19.98	19.87	20.70
45	QPSK	120	60	20.06	20.13	20.04	20.70
45	QPSK	120	120	19.89	19.97	19.85	20.70
45	QPSK	240	0	19.99	20.05	19.94	20.70
45	16QAM	1	1	20.04	20.14	20.09	20.70
45	64QAM	1	1	20.03	20.11	19.97	20.70
45	256QAM	1	1	20.02	20.09	20.03	20.70
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	20.12	20.15	20.04	20.70
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	20.10	20.15	20.04	20.70
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	20.07	20.13	20.06	20.70
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	20.04	20.08	20.06	20.70
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	20.02	20.12	20.01	20.70
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	20.12	20.12	20.12	20.70
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	20.12	20.05	20.05	20.70
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	20.04	20.12	20.04	20.70

【FR1 n66_Ant 7_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				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	19.31	19.32	19.28	21.00
45	PI/2 BPSK	1	120	19.23	19.29	19.11	21.00
45	PI/2 BPSK	1	240	19.14	19.25	19.16	21.00
45	PI/2 BPSK	120	0	19.16	19.23	19.14	21.00
45	PI/2 BPSK	120	60	19.19	19.30	19.15	21.00
45	PI/2 BPSK	120	120	19.15	19.23	19.13	21.00
45	PI/2 BPSK	240	0	19.14	19.17	19.00	21.00
45	QPSK	1	1	19.16	19.26	19.11	21.00
45	QPSK	1	120	19.04	19.14	19.04	21.00
45	QPSK	1	240	19.19	19.25	19.13	21.00
45	QPSK	120	0	19.23	19.30	19.24	21.00
45	QPSK	120	60	19.11	19.26	19.10	21.00
45	QPSK	120	120	19.09	19.25	19.16	21.00
45	QPSK	240	0	19.12	19.27	19.11	21.00
45	16QAM	1	1	19.25	19.28	19.18	21.00
45	64QAM	1	1	19.20	19.23	19.15	21.00
45	256QAM	1	1	19.14	19.25	19.19	20.50
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	19.29	19.17	19.23	21.00

Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	19.26	19.29	19.18	21.00
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	19.25	19.19	19.27	21.00
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	19.26	19.27	19.21	21.00
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	19.25	19.23	19.14	21.00
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	19.20	19.20	19.19	21.00
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	19.19	19.25	19.21	21.00
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	19.27	19.21	19.24	21.00

【FR1 n66_Ant 7_DSI4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	20.16	20.18	20.15	20.70
45	PI/2 BPSK	1	120	20.14	20.17	20.04	20.70
45	PI/2 BPSK	1	240	20.01	20.16	20.08	20.70
45	PI/2 BPSK	120	0	20.00	20.04	19.88	20.70
45	PI/2 BPSK	120	60	19.98	20.05	19.91	20.70
45	PI/2 BPSK	120	120	19.90	20.04	19.95	20.70
45	PI/2 BPSK	240	0	19.97	20.07	19.95	20.70
45	QPSK	1	1	20.07	20.13	19.98	20.70
45	QPSK	1	120	19.97	20.06	20.01	20.70
45	QPSK	1	240	19.89	20.06	20.00	20.70
45	QPSK	120	0	19.91	19.98	19.87	20.70
45	QPSK	120	60	20.06	20.13	20.04	20.70
45	QPSK	120	120	19.89	19.97	19.85	20.70
45	QPSK	240	0	19.99	20.05	19.94	20.70
45	16QAM	1	1	20.04	20.14	20.09	20.70
45	64QAM	1	1	20.03	20.11	19.97	20.70
45	256QAM	1	1	20.02	20.09	20.03	20.70
Channel				346000	349000	352000	Tune-up limit
Frequency (MHz)				1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	20.12	20.15	20.04	20.70
Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	20.10	20.15	20.04	20.70
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	20.07	20.13	20.06	20.70
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	20.04	20.08	20.06	20.70
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	20.02	20.12	20.01	20.70
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	20.12	20.12	20.12	20.70
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	20.12	20.05	20.05	20.70
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	20.04	20.12	20.04	20.70

【FR1 n66_Ant 7_DSI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit
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				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.	(dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	18.25	18.29	18.21	20.00
45	PI/2 BPSK	1	120	18.00	18.14	17.98	20.00
45	PI/2 BPSK	1	240	18.13	18.25	18.03	20.00
45	PI/2 BPSK	120	0	18.17	18.22	18.09	20.00
45	PI/2 BPSK	120	60	18.22	18.28	18.12	20.00
45	PI/2 BPSK	120	120	18.12	18.23	18.14	20.00
45	PI/2 BPSK	240	0	18.14	18.22	18.04	20.00
45	QPSK	1	1	18.12	18.21	18.06	20.00
45	QPSK	1	120	18.26	18.32	18.11	20.00
45	QPSK	1	240	18.17	18.25	18.03	20.00
45	QPSK	120	0	18.00	18.15	18.02	20.00
45	QPSK	120	60	18.13	18.20	18.00	20.00
45	QPSK	120	120	18.14	18.20	18.09	20.00
45	QPSK	240	0	18.09	18.21	18.04	20.00
45	16QAM	1	1	18.18	18.24	18.02	20.00
45	64QAM	1	1	18.02	18.15	17.98	20.00
45	256QAM	1	1	18.07	18.19	17.96	20.00
Channel				346000	349000	352000	Tune-up limit
Frequency (MHz)				1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	18.16	18.20	18.10	20.00
Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	18.11	18.16	18.15	20.00
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	18.14	18.16	18.19	20.00
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	18.24	18.26	18.06	20.00
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	18.14	18.17	18.12	20.00
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	18.11	18.22	18.15	20.00
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	18.14	18.16	18.06	20.00
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	18.23	18.24	18.12	20.00

【FR1 n66_Ant 7_DSI5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	18.65	18.68	18.63	19.70
45	PI/2 BPSK	1	120	18.49	18.55	18.49	19.70
45	PI/2 BPSK	1	240	18.57	18.68	18.52	19.70
45	PI/2 BPSK	120	0	18.36	18.53	18.37	19.70
45	PI/2 BPSK	120	60	18.45	18.63	18.43	19.70
45	PI/2 BPSK	120	120	18.38	18.49	18.37	19.70
45	PI/2 BPSK	240	0	18.53	18.62	18.51	19.70
45	QPSK	1	1	18.46	18.53	18.34	19.70
45	QPSK	1	120	18.43	18.47	18.31	19.70
45	QPSK	1	240	18.61	18.71	18.63	19.70
45	QPSK	120	0	18.41	18.53	18.35	19.70
45	QPSK	120	60	18.52	18.57	18.40	19.70
45	QPSK	120	120	18.46	18.63	18.55	19.70
45	QPSK	240	0	18.35	18.49	18.30	19.70
45	16QAM	1	1	18.42	18.60	18.54	19.70
45	64QAM	1	1	18.60	18.66	18.54	19.70
45	256QAM	1	1	18.47	18.58	18.51	19.70
Channel				346000	349000	352000	Tune-up limit
Frequency (MHz)				1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	18.51	18.66	18.48	19.70
Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	18.51	18.62	18.62	19.70

Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	18.52	18.55	18.58	19.70
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	18.63	18.61	18.57	19.70
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	18.57	18.62	18.53	19.70
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	18.62	18.66	18.61	19.70
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	18.52	18.53	18.59	19.70
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	18.51	18.57	18.57	19.70

【FR1 n71_Ant 0_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					136100		
Frequency (MHz)					680.5		
35	PI/2 BPSK	1	1		24.62		25.00
35	PI/2 BPSK	1	90		24.59		25.00
35	PI/2 BPSK	1	186		24.43		25.00
35	PI/2 BPSK	90	0		24.19		24.50
35	PI/2 BPSK	90	45		24.44		25.00
35	PI/2 BPSK	90	90		24.20		24.50
35	PI/2 BPSK	180	0		24.18		24.50
35	QPSK	1	1		24.64		25.00
35	QPSK	1	90		24.50		25.00
35	QPSK	1	186		24.51		25.00
35	QPSK	90	0		23.55		24.00
35	QPSK	90	45		24.49		25.00
35	QPSK	90	90		23.59		24.00
35	QPSK	180	0		23.65		24.00
35	16QAM	1	1		23.73		24.00
35	64QAM	1	1		22.10		22.50
35	256QAM	1	1		20.22		20.50
Channel				135600	136100	136600	Tune-up limit
Frequency (MHz)				678	680.5	683	(dBm)
30	PI/2 BPSK	1	1	24.50	24.52	24.51	25.00
Channel				135100	136100	137100	Tune-up limit
Frequency (MHz)				675.5	680.5	685.5	(dBm)
25	PI/2 BPSK	1	1	24.36	24.42	24.45	25.00
Channel				134600	136100	137600	Tune-up limit
Frequency (MHz)				673	680.5	688	(dBm)
20	PI/2 BPSK	1	1	24.36	24.44	24.46	25.00
Channel				134100	136100	138100	Tune-up limit
Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	PI/2 BPSK	1	1	24.45	24.40	24.42	25.00
Channel				133600	136100	138600	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	PI/2 BPSK	1	1	24.49	24.43	24.37	25.00
Channel				133100	136100	139100	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	PI/2 BPSK	1	1	24.37	24.40	24.48	25.00

【FR1 n71_Ant 0_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					136100		
Frequency (MHz)					680.5		
35	PI/2 BPSK	1	1		24.62		25.00
35	PI/2 BPSK	1	90		24.59		25.00
35	PI/2 BPSK	1	186		24.43		25.00
35	PI/2 BPSK	90	0		24.19		24.50
35	PI/2 BPSK	90	45		24.44		25.00
35	PI/2 BPSK	90	90		24.20		24.50
35	PI/2 BPSK	180	0		24.18		24.50
35	QPSK	1	1		24.64		25.00
35	QPSK	1	90		24.50		25.00
35	QPSK	1	186		24.51		25.00
35	QPSK	90	0		23.55		24.00
35	QPSK	90	45		24.49		25.00
35	QPSK	90	90		23.59		24.00
35	QPSK	180	0		23.65		24.00
35	16QAM	1	1		23.73		24.00
35	64QAM	1	1		22.10		22.50
35	256QAM	1	1		20.22		20.50
Channel				135600	136100	136600	Tune-up limit (dBm)
Frequency (MHz)				678	680.5	683	
30	PI/2 BPSK	1	1	24.50	24.52	24.51	25.00
Channel				135100	136100	137100	Tune-up limit (dBm)
Frequency (MHz)				675.5	680.5	685.5	
25	PI/2 BPSK	1	1	24.36	24.42	24.45	25.00
Channel				134600	136100	137600	Tune-up limit (dBm)
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	24.36	24.44	24.46	25.00
Channel				134100	136100	138100	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	24.45	24.40	24.42	25.00
Channel				133600	136100	138600	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	24.49	24.43	24.37	25.00
Channel				133100	136100	139100	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	24.37	24.40	24.48	25.00

【FR1 n71_Ant 0_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					136100		
Frequency (MHz)					680.5		
35	PI/2 BPSK	1	1		24.62		25.00
35	PI/2 BPSK	1	90		24.59		25.00
35	PI/2 BPSK	1	186		24.43		25.00
35	PI/2 BPSK	90	0		24.19		24.50
35	PI/2 BPSK	90	45		24.44		25.00
35	PI/2 BPSK	90	90		24.20		24.50
35	PI/2 BPSK	180	0		24.18		24.50
35	QPSK	1	1		24.64		25.00
35	QPSK	1	90		24.50		25.00
35	QPSK	1	186		24.51		25.00
35	QPSK	90	0		23.55		24.00
35	QPSK	90	45		24.49		25.00
35	QPSK	90	90		23.59		24.00
35	QPSK	180	0		23.65		24.00
35	16QAM	1	1		23.73		24.00
35	64QAM	1	1		22.10		22.50
35	256QAM	1	1		20.22		20.50
Channel				135600	136100	136600	Tune-up limit (dBm)
Frequency (MHz)				678	680.5	683	
30	PI/2 BPSK	1	1	24.50	24.52	24.51	25.00
Channel				135100	136100	137100	Tune-up limit (dBm)
Frequency (MHz)				675.5	680.5	685.5	
25	PI/2 BPSK	1	1	24.36	24.42	24.45	25.00
Channel				134600	136100	137600	Tune-up limit (dBm)
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	24.36	24.44	24.46	25.00

Channel				134100	136100	138100	Tune-up limit
Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	PI/2 BPSK	1	1	24.45	24.40	24.42	25.00
Channel				133600	136100	138600	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	PI/2 BPSK	1	1	24.49	24.43	24.37	25.00
Channel				133100	136100	139100	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	PI/2 BPSK	1	1	24.37	24.40	24.48	25.00

【FR1 n71_Ant 0_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					136100		
Frequency (MHz)					680.5		
35	PI/2 BPSK	1	1		24.62		25.00
35	PI/2 BPSK	1	90		24.59		25.00
35	PI/2 BPSK	1	186		24.43		25.00
35	PI/2 BPSK	90	0		24.19		24.50
35	PI/2 BPSK	90	45		24.44		25.00
35	PI/2 BPSK	90	90		24.20		24.50
35	PI/2 BPSK	180	0		24.18		24.50
35	QPSK	1	1		24.64		25.00
35	QPSK	1	90		24.50		25.00
35	QPSK	1	186		24.51		25.00
35	QPSK	90	0		23.55		24.00
35	QPSK	90	45		24.49		25.00
35	QPSK	90	90		23.59		24.00
35	QPSK	180	0		23.65		24.00
35	16QAM	1	1		23.73		24.00
35	64QAM	1	1		22.10		22.50
35	256QAM	1	1		20.22		20.50
Channel				135600	136100	136600	Tune-up limit
Frequency (MHz)				678	680.5	683	(dBm)
30	PI/2 BPSK	1	1	24.50	24.52	24.51	25.00
Channel				135100	136100	137100	Tune-up limit
Frequency (MHz)				675.5	680.5	685.5	(dBm)
25	PI/2 BPSK	1	1	24.36	24.42	24.45	25.00
Channel				134600	136100	137600	Tune-up limit
Frequency (MHz)				673	680.5	688	(dBm)
20	PI/2 BPSK	1	1	24.36	24.44	24.46	25.00
Channel				134100	136100	138100	Tune-up limit
Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	PI/2 BPSK	1	1	24.45	24.40	24.42	25.00
Channel				133600	136100	138600	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	PI/2 BPSK	1	1	24.49	24.43	24.37	25.00
Channel				133100	136100	139100	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	PI/2 BPSK	1	1	24.37	24.40	24.48	25.00

【FR1 n71_Ant 0_DSI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					136100		
Frequency (MHz)					680.5		
35	PI/2 BPSK	1	1		24.62		25.00
35	PI/2 BPSK	1	90		24.59		25.00
35	PI/2 BPSK	1	186		24.43		25.00
35	PI/2 BPSK	90	0		24.19		24.50
35	PI/2 BPSK	90	45		24.44		25.00
35	PI/2 BPSK	90	90		24.20		24.50
35	PI/2 BPSK	180	0		24.18		24.50
35	QPSK	1	1		24.64		25.00
35	QPSK	1	90		24.50		25.00
35	QPSK	1	186		24.51		25.00
35	QPSK	90	0		23.55		24.00
35	QPSK	90	45		24.49		25.00
35	QPSK	90	90		23.59		24.00
35	QPSK	180	0		23.65		24.00

35	16QAM	1	1		23.73		24.00
35	64QAM	1	1		22.10		22.50
35	256QAM	1	1		20.22		20.50
Channel				135600	136100	136600	Tune-up limit
Frequency (MHz)				678	680.5	683	(dBm)
30	PI/2 BPSK	1	1	24.50	24.52	24.51	25.00
Channel				135100	136100	137100	Tune-up limit
Frequency (MHz)				675.5	680.5	685.5	(dBm)
25	PI/2 BPSK	1	1	24.36	24.42	24.45	25.00
Channel				134600	136100	137600	Tune-up limit
Frequency (MHz)				673	680.5	688	(dBm)
20	PI/2 BPSK	1	1	24.36	24.44	24.46	25.00
Channel				134100	136100	138100	Tune-up limit
Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	PI/2 BPSK	1	1	24.45	24.40	24.42	25.00
Channel				133600	136100	138600	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	PI/2 BPSK	1	1	24.49	24.43	24.37	25.00
Channel				133100	136100	139100	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	PI/2 BPSK	1	1	24.37	24.40	24.48	25.00

【FR1 n71_Ant 1_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					136100		
Frequency (MHz)					680.5		
35	PI/2 BPSK	1	1		24.67		25.50
35	PI/2 BPSK	1	90		24.55		25.50
35	PI/2 BPSK	1	186		24.51		25.50
35	PI/2 BPSK	90	0		24.28		25.00
35	PI/2 BPSK	90	45		24.53		25.50
35	PI/2 BPSK	90	90		24.09		25.00
35	PI/2 BPSK	180	0		24.19		25.00
35	QPSK	1	1		24.65		25.50
35	QPSK	1	90		24.36		25.50
35	QPSK	1	186		24.37		25.50
35	QPSK	90	0		23.61		24.50
35	QPSK	90	45		24.42		25.50
35	QPSK	90	90		23.65		24.50
35	QPSK	180	0		23.52		24.50
35	16QAM	1	1		23.29		24.50
35	64QAM	1	1		22.27		23.00
35	256QAM	1	1		20.16		21.00
Channel				135600	136100	136600	Tune-up limit
Frequency (MHz)				678	680.5	683	(dBm)
30	PI/2 BPSK	1	1	24.57	24.63	24.60	25.50
Channel				135100	136100	137100	Tune-up limit
Frequency (MHz)				675.5	680.5	685.5	(dBm)
25	PI/2 BPSK	1	1	24.46	24.50	24.50	25.50
Channel				134600	136100	137600	Tune-up limit
Frequency (MHz)				673	680.5	688	(dBm)
20	PI/2 BPSK	1	1	24.48	24.53	24.49	25.50
Channel				134100	136100	138100	Tune-up limit
Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	PI/2 BPSK	1	1	24.50	24.59	24.48	25.50
Channel				133600	136100	138600	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	PI/2 BPSK	1	1	24.42	24.52	24.58	25.50
Channel				133100	136100	139100	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	PI/2 BPSK	1	1	24.53	24.51	24.58	25.50

【FR1 n71_Ant 1_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					136100		
Frequency (MHz)					680.5		
35	PI/2 BPSK	1	1		23.31		24.00
35	PI/2 BPSK	1	90		23.30		24.00
35	PI/2 BPSK	1	186		23.10		24.00
35	PI/2 BPSK	90	0		23.10		24.00
35	PI/2 BPSK	90	45		23.28		24.00
35	PI/2 BPSK	90	90		23.23		24.00
35	PI/2 BPSK	180	0		23.21		24.00
35	QPSK	1	1		23.23		24.00
35	QPSK	1	90		23.15		24.00
35	QPSK	1	186		23.12		24.00
35	QPSK	90	0		23.17		24.00
35	QPSK	90	45		23.22		24.00
35	QPSK	90	90		23.20		24.00
35	QPSK	180	0		23.30		24.00
35	16QAM	1	1		23.19		24.00
35	64QAM	1	1		22.27		23.00
35	256QAM	1	1		20.16		21.00
Channel				135600	136100	136600	Tune-up limit (dBm)
Frequency (MHz)				678	680.5	683	
30	PI/2 BPSK	1	1	23.16	23.23	23.12	24.00
Channel				135100	136100	137100	Tune-up limit (dBm)
Frequency (MHz)				675.5	680.5	685.5	
25	PI/2 BPSK	1	1	23.12	23.19	23.11	24.00
Channel				134600	136100	137600	Tune-up limit (dBm)
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	23.03	23.19	22.97	24.00
Channel				134100	136100	138100	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	23.12	23.21	23.05	24.00
Channel				133600	136100	138600	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	23.09	23.17	23.01	24.00
Channel				133100	136100	139100	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	23.10	23.08	23.04	24.00

【FR1 n71_Ant 1_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					136100		
Frequency (MHz)					680.5		
35	PI/2 BPSK	1	1		23.31		24.00
35	PI/2 BPSK	1	90		23.30		24.00
35	PI/2 BPSK	1	186		23.10		24.00
35	PI/2 BPSK	90	0		23.10		24.00
35	PI/2 BPSK	90	45		23.28		24.00
35	PI/2 BPSK	90	90		23.23		24.00
35	PI/2 BPSK	180	0		23.21		24.00
35	QPSK	1	1		23.23		24.00
35	QPSK	1	90		23.15		24.00
35	QPSK	1	186		23.12		24.00
35	QPSK	90	0		23.17		24.00
35	QPSK	90	45		23.22		24.00
35	QPSK	90	90		23.20		24.00
35	QPSK	180	0		23.30		24.00
35	16QAM	1	1		23.19		24.00
35	64QAM	1	1		22.27		23.00
35	256QAM	1	1		20.16		21.00
Channel				135600	136100	136600	Tune-up limit (dBm)
Frequency (MHz)				678	680.5	683	
30	PI/2 BPSK	1	1	23.16	23.23	23.12	24.00
Channel				135100	136100	137100	Tune-up limit (dBm)
Frequency (MHz)				675.5	680.5	685.5	
25	PI/2 BPSK	1	1	23.12	23.19	23.11	24.00
Channel				134600	136100	137600	Tune-up limit (dBm)
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	23.03	23.19	22.97	24.00

Channel				134100	136100	138100	Tune-up limit
Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	PI/2 BPSK	1	1	23.12	23.21	23.05	24.00
Channel				133600	136100	138600	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	PI/2 BPSK	1	1	23.09	23.17	23.01	24.00
Channel				133100	136100	139100	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	PI/2 BPSK	1	1	23.10	23.08	23.04	24.00

【FR1 n71_Ant 1_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					136100		
Frequency (MHz)					680.5		
35	PI/2 BPSK	1	1		24.67		25.50
35	PI/2 BPSK	1	90		24.55		25.50
35	PI/2 BPSK	1	186		24.51		25.50
35	PI/2 BPSK	90	0		24.28		25.00
35	PI/2 BPSK	90	45		24.53		25.50
35	PI/2 BPSK	90	90		24.09		25.00
35	PI/2 BPSK	180	0		24.19		25.00
35	QPSK	1	1		24.65		25.50
35	QPSK	1	90		24.36		25.50
35	QPSK	1	186		24.37		25.50
35	QPSK	90	0		23.61		24.50
35	QPSK	90	45		24.42		25.50
35	QPSK	90	90		23.65		24.50
35	QPSK	180	0		23.52		24.50
35	16QAM	1	1		23.29		24.50
35	64QAM	1	1		22.27		23.00
35	256QAM	1	1		20.16		21.00
Channel				135600	136100	136600	Tune-up limit
Frequency (MHz)				678	680.5	683	(dBm)
30	PI/2 BPSK	1	1	24.57	24.63	24.60	25.50
Channel				135100	136100	137100	Tune-up limit
Frequency (MHz)				675.5	680.5	685.5	(dBm)
25	PI/2 BPSK	1	1	24.46	24.50	24.50	25.50
Channel				134600	136100	137600	Tune-up limit
Frequency (MHz)				673	680.5	688	(dBm)
20	PI/2 BPSK	1	1	24.48	24.53	24.49	25.50
Channel				134100	136100	138100	Tune-up limit
Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	PI/2 BPSK	1	1	24.50	24.59	24.48	25.50
Channel				133600	136100	138600	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	PI/2 BPSK	1	1	24.42	24.52	24.58	25.50
Channel				133100	136100	139100	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	PI/2 BPSK	1	1	24.53	24.51	24.58	25.50

【FR1 n71_Ant 1_DSI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					136100		
Frequency (MHz)					680.5		
35	PI/2 BPSK	1	1		23.31		24.00
35	PI/2 BPSK	1	90		23.30		24.00
35	PI/2 BPSK	1	186		23.10		24.00
35	PI/2 BPSK	90	0		23.10		24.00
35	PI/2 BPSK	90	45		23.28		24.00
35	PI/2 BPSK	90	90		23.23		24.00
35	PI/2 BPSK	180	0		23.21		24.00
35	QPSK	1	1		23.23		24.00
35	QPSK	1	90		23.15		24.00
35	QPSK	1	186		23.12		24.00
35	QPSK	90	0		23.17		24.00
35	QPSK	90	45		23.22		24.00
35	QPSK	90	90		23.20		24.00
35	QPSK	180	0		23.30		24.00

35	16QAM	1	1		23.19		24.00
35	64QAM	1	1		22.27		23.00
35	256QAM	1	1		20.16		21.00
Channel				135600	136100	136600	Tune-up limit
Frequency (MHz)				678	680.5	683	(dBm)
30	PI/2 BPSK	1	1	23.16	23.23	23.12	24.00
Channel				135100	136100	137100	Tune-up limit
Frequency (MHz)				675.5	680.5	685.5	(dBm)
25	PI/2 BPSK	1	1	23.12	23.19	23.11	24.00
Channel				134600	136100	137600	Tune-up limit
Frequency (MHz)				673	680.5	688	(dBm)
20	PI/2 BPSK	1	1	23.03	23.19	22.97	24.00
Channel				134100	136100	138100	Tune-up limit
Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	PI/2 BPSK	1	1	23.12	23.21	23.05	24.00
Channel				133600	136100	138600	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	PI/2 BPSK	1	1	23.09	23.17	23.01	24.00
Channel				133100	136100	139100	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	PI/2 BPSK	1	1	23.10	23.08	23.04	24.00

【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_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		25.28		26.00
100	PI/2 BPSK	1	137		25.14		26.00
100	PI/2 BPSK	1	271		25.18		26.00
100	PI/2 BPSK	135	0		24.93		26.00
100	PI/2 BPSK	135	69		25.22		26.00
100	PI/2 BPSK	135	138		24.88		26.00
100	PI/2 BPSK	270	0		25.18		26.00
100	QPSK	1	1		25.12		26.00
100	QPSK	1	137		25.22		26.00
100	QPSK	1	271		25.15		26.00
100	QPSK	135	0		25.04		26.00
100	QPSK	135	69		25.18		26.00
100	QPSK	135	138		25.09		26.00
100	QPSK	270	0		25.18		26.00
100	16QAM	1	1		25.33		26.00
100	64QAM	1	1		24.76		25.50
100	256QAM	1	1		23.94		24.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	25.13	25.16	25.14	26.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	25.03	25.09	25.03	26.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	25.07	25.14	25.09	26.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	25.10	25.05	25.04	26.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	24.98	25.14	25.07	26.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	25.06	25.06	25.07	26.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	25.05	25.14	25.02	26.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	25.10	25.08	25.03	26.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	25.05	25.09	25.08	26.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)

15	PI/2 BPSK	1	1	25.12	25.02	25.08	26.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	25.03	25.15	25.11	26.00

【FR1 n77 (270)_FCC_Part 270 (3700~3980MHz)_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	656000	662000	Tune-up limit (dBm)
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	25.33	25.58	25.48	26.00
100	PI/2 BPSK	1	137	25.07	25.41	25.27	26.00
100	PI/2 BPSK	1	271	25.01	25.40	25.18	26.00
100	PI/2 BPSK	135	0	25.20	25.51	25.31	26.00
100	PI/2 BPSK	135	69	25.25	25.56	25.44	26.00
100	PI/2 BPSK	135	138	25.17	25.53	25.28	26.00
100	PI/2 BPSK	270	0	25.20	25.48	25.31	26.00
100	QPSK	1	1	25.16	25.43	25.31	26.00
100	QPSK	1	137	25.29	25.60	25.46	26.00
100	QPSK	1	271	25.21	25.48	25.32	26.00
100	QPSK	135	0	25.28	25.57	25.36	26.00
100	QPSK	135	69	25.06	25.44	25.27	26.00
100	QPSK	135	138	25.10	25.42	25.31	26.00
100	QPSK	270	0	25.26	25.59	25.36	26.00
100	16QAM	1	1	25.07	25.40	25.25	26.00
100	64QAM	1	1	24.74	25.11	24.96	25.50
100	256QAM	1	1	22.77	23.09	22.86	23.50
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	25.18	25.50	25.47	26.00
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	25.32	25.46	25.35	26.00
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	25.23	25.47	25.42	26.00
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	25.28	25.44	25.42	26.00
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	25.28	25.54	25.39	26.00
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	25.19	25.44	25.45	26.00
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	25.30	25.44	25.33	26.00
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	25.30	25.46	25.43	26.00
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	25.27	25.44	25.38	26.00
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	25.29	25.44	25.33	26.00
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	25.23	25.53	25.38	26.00

【FR1 n77 (27Q)_FCC_Part 27Q
(3450~3550MHz)_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				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	28.50
100	PI/2 BPSK	1	1	27.22	27.02	27.11	28.50
100	PI/2 BPSK	1	137	26.93	26.50	26.50	28.50
100	PI/2 BPSK	1	271	26.02	27.01	27.01	28.50
100	PI/2 BPSK	135	0	26.50	26.42	26.42	28.00
100	PI/2 BPSK	135	69	27.01	26.56	26.56	28.00
100	PI/2 BPSK	135	138	26.42	27.06	27.06	28.00
100	PI/2 BPSK	270	0	26.56	26.93	26.93	28.00
100	QPSK	1	1	27.06	27.02	27.11	28.50
100	QPSK	1	137	26.93	25.97	25.97	28.50
100	QPSK	1	271	27.02	26.97	26.97	28.50
100	QPSK	135	0	25.97	25.89	25.89	27.50
100	QPSK	135	69	26.97	25.92	25.92	27.50
100	QPSK	135	138	25.89	25.84	25.84	27.50
100	QPSK	270	0	25.92	24.53	24.53	26.00
100	16QAM	1	1	25.84	22.76	22.76	24.00
100	64QAM	1	1	24.53			
100	256QAM	1	1	22.76			
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	28.50
90	PI/2 BPSK	1	1	27.09	27.12	27.11	28.50
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	28.50
80	PI/2 BPSK	1	1	26.96	27.08	27.06	28.50
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	28.50
70	PI/2 BPSK	1	1	27.02	27.06	26.96	28.50
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	28.50
60	PI/2 BPSK	1	1	27.05	27.03	27.01	28.50
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	28.50
50	PI/2 BPSK	1	1	27.07	27.02	27.02	28.50
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	28.50
40	PI/2 BPSK	1	1	27.02	27.04	27.09	28.50
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	28.50
30	PI/2 BPSK	1	1	26.99	27.07	27.09	28.50
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	28.50
25	PI/2 BPSK	1	1	27.08	27.03	27.08	28.50
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	28.50
20	PI/2 BPSK	1	1	27.04	27.11	26.97	28.50
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	28.50
15	PI/2 BPSK	1	1	27.04	27.02	27.08	28.50
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	28.50
10	PI/2 BPSK	1	1	26.96	27.10	27.08	28.50

【FR1 n77 (27Q)_FCC_Part 27Q
(3700~3980MHz)_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	656000	662000	Tune-up limit (dBm)
Frequency (MHz)				3750	3840	3930	28.50
100	PI/2 BPSK	1	1	27.16	27.37	27.07	28.50
100	PI/2 BPSK	1	137	27.03	27.30	26.98	28.50
100	PI/2 BPSK	1	271	26.89	27.21	26.77	28.50
100	PI/2 BPSK	135	0	26.37	26.66	26.23	28.00
100	PI/2 BPSK	135	69	26.96	27.26	26.89	28.50
100	PI/2 BPSK	135	138	26.23	26.58	26.26	28.00
100	PI/2 BPSK	270	0	26.59	26.88	26.49	28.00
100	QPSK	1	1	26.70	26.95	26.59	28.50
100	QPSK	1	137	26.70	27.05	26.65	28.50

100	QPSK	1	271	26.94	27.23	26.85	28.50
100	QPSK	135	0	26.01	26.28	25.90	27.50
100	QPSK	135	69	26.82	27.08	26.64	28.50
100	QPSK	135	138	25.66	25.97	25.67	27.50
100	QPSK	270	0	26.07	26.29	25.96	27.50
100	16QAM	1	1	26.10	26.43	26.10	27.50
100	64QAM	1	1	24.52	24.82	24.42	26.00
100	256QAM	1	1	22.49	22.77	22.40	24.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	27.06	27.28	26.93	28.50
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	27.05	27.34	26.95	28.50
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	27.05	27.25	27.04	28.50
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	27.11	27.26	26.99	28.50
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	27.09	27.29	26.97	28.50
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	27.03	27.34	27.00	28.50
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	27.04	27.33	26.96	28.50
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	27.04	27.26	26.98	28.50
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	27.02	27.31	26.96	28.50
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	27.10	27.29	27.01	28.50
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	27.12	27.26	27.04	28.50

【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 8_DSI
1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		14.28		15.00
100	PI/2 BPSK	1	137		14.21		15.00
100	PI/2 BPSK	1	271		14.25		15.00
100	PI/2 BPSK	135	0		14.21		15.00
100	PI/2 BPSK	135	69		14.22		15.00
100	PI/2 BPSK	135	138		14.11		15.00
100	PI/2 BPSK	270	0		14.14		15.00
100	QPSK	1	1		14.15		15.00
100	QPSK	1	137		14.26		15.00
100	QPSK	1	271		14.19		15.00
100	QPSK	135	0		14.26		15.00
100	QPSK	135	69		14.30		15.00
100	QPSK	135	138		14.24		15.00
100	QPSK	270	0		14.22		15.00
100	16QAM	1	1		14.26		15.00
100	64QAM	1	1		14.14		15.00
100	256QAM	1	1		14.27		15.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	14.20	14.25	14.23	15.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	14.06	14.14	14.19	15.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	14.13	14.24	14.22	15.00

Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	14.08	14.20	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	14.06	14.14	14.09	15.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	14.10	14.13	14.11	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	14.16	14.12	15.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	14.07	14.18	14.16	15.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	14.08	14.12	14.21	15.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	14.07	14.15	14.16	15.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	14.12	14.11	14.09	15.00

【FR1 n77 (270)_FCC_Part 270 (3700~3980MHz)_Ant 8_DSI

1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	14.63	14.69	14.65	15.00
100	PI/2 BPSK	1	137	14.40	14.51	14.40	15.00
100	PI/2 BPSK	1	271	14.44	14.64	14.55	15.00
100	PI/2 BPSK	135	0	14.57	14.65	14.49	15.00
100	PI/2 BPSK	135	69	14.46	14.67	14.58	15.00
100	PI/2 BPSK	135	138	14.48	14.65	14.60	15.00
100	PI/2 BPSK	270	0	14.44	14.60	14.43	15.00
100	QPSK	1	1	14.42	14.50	14.34	15.00
100	QPSK	1	137	14.49	14.60	14.47	15.00
100	QPSK	1	271	14.51	14.61	14.46	15.00
100	QPSK	135	0	14.30	14.50	14.37	15.00
100	QPSK	135	69	14.32	14.49	14.41	15.00
100	QPSK	135	138	14.43	14.55	14.50	15.00
100	QPSK	270	0	14.32	14.49	14.37	15.00
100	16QAM	1	1	14.52	14.68	14.53	15.00
100	64QAM	1	1	14.49	14.57	14.46	15.00
100	256QAM	1	1	14.33	14.52	14.35	15.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	14.61	14.59	14.51	15.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	14.59	14.61	14.52	15.00
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	14.56	14.56	14.59	15.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	14.51	14.64	14.55	15.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	14.59	14.67	14.52	15.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	14.54	14.67	14.50	15.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	14.52	14.68	14.64	15.00
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	14.59	14.67	14.53	15.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)

20	PI/2 BPSK	1	1	14.56	14.61	14.62	15.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	14.52	14.63	14.55	15.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	14.53	14.55	14.55	15.00

【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_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		18.00
100	PI/2 BPSK	1	137		17.10		18.00
100	PI/2 BPSK	1	271		17.19		18.00
100	PI/2 BPSK	135	0		17.13		18.00
100	PI/2 BPSK	135	69		17.16		18.00
100	PI/2 BPSK	135	138		17.13		18.00
100	PI/2 BPSK	270	0		17.15		18.00
100	QPSK	1	1		17.14		18.00
100	QPSK	1	137		17.18		18.00
100	QPSK	1	271		17.25		18.00
100	QPSK	135	0		17.28		18.00
100	QPSK	135	69		17.16		18.00
100	QPSK	135	138		17.26		18.00
100	QPSK	270	0		17.32		18.00
100	16QAM	1	1		17.15		18.00
100	64QAM	1	1		17.23		18.00
100	256QAM	1	1		17.24		18.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	17.13	17.18	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	17.11	17.09	17.04	18.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	16.98	17.15	17.09	18.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	17.09	17.07	17.08	18.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	17.00	17.06	17.14	18.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	17.04	17.10	17.11	18.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	17.02	17.05	17.04	18.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	16.98	17.14	17.09	18.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	17.03	17.05	17.14	18.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	17.02	17.07	17.12	18.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	17.04	17.03	17.09	18.00

【FR1 n77 (270)___FCC_Part 270 (3700~3980MHz)_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	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	17.56	17.61	17.59	18.00
100	PI/2 BPSK	1	137	17.36	17.56	17.44	18.00
100	PI/2 BPSK	1	271	17.36	17.55	17.52	18.00
100	PI/2 BPSK	135	0	17.35	17.53	17.45	18.00
100	PI/2 BPSK	135	69	17.50	17.60	17.54	18.00
100	PI/2 BPSK	135	138	17.38	17.57	17.41	18.00
100	PI/2 BPSK	270	0	17.37	17.52	17.48	18.00
100	QPSK	1	1	17.63	17.69	17.64	18.00
100	QPSK	1	137	17.48	17.61	17.49	18.00
100	QPSK	1	271	17.54	17.62	17.54	18.00
100	QPSK	135	0	17.49	17.64	17.49	18.00
100	QPSK	135	69	17.51	17.64	17.60	18.00
100	QPSK	135	138	17.57	17.69	17.52	18.00
100	QPSK	270	0	17.51	17.64	17.55	18.00
100	16QAM	1	1	17.44	17.57	17.49	18.00
100	64QAM	1	1	17.42	17.60	17.54	18.00
100	256QAM	1	1	17.32	17.52	17.48	18.00
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	17.51	17.51	17.46	18.00
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	17.54	17.49	17.48	18.00
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	17.47	17.53	17.47	18.00
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	17.52	17.49	17.56	18.00
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	17.45	17.49	17.54	18.00
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	17.42	17.54	17.57	18.00
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	17.45	17.46	17.54	18.00
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	17.43	17.46	17.46	18.00
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	17.49	17.58	17.48	18.00
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	17.49	17.57	17.47	18.00
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	17.42	17.51	17.46	18.00

【FR1 n77 (27Q)___FCC_Part 27Q (3450~3550MHz)_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		23.28		24.00
100	PI/2 BPSK	1	137		23.14		24.00
100	PI/2 BPSK	1	271		23.18		24.00
100	PI/2 BPSK	135	0		22.93		24.00
100	PI/2 BPSK	135	69		23.22		24.00
100	PI/2 BPSK	135	138		22.88		24.00
100	PI/2 BPSK	270	0		23.18		24.00
100	QPSK	1	1		23.12		24.00

100	QPSK	1	137		23.22		24.00
100	QPSK	1	271		23.15		24.00
100	QPSK	135	0		23.04		24.00
100	QPSK	135	69		23.18		24.00
100	QPSK	135	138		23.09		24.00
100	QPSK	270	0		23.18		24.00
100	16QAM	1	1		23.33		24.00
100	64QAM	1	1		22.51		24.00
100	256QAM	1	1		22.03		23.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	23.21	23.23	23.17	24.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	23.12	23.11	23.15	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	23.21	23.10	24.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	23.13	23.14	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	23.17	23.14	23.13	24.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	23.16	23.12	23.05	24.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	23.08	23.16	23.13	24.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	23.16	23.19	23.04	24.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	23.15	23.12	23.14	24.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	23.16	23.16	23.07	24.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	23.15	23.18	23.09	24.00

【FR1 n77 (270)_FCC_Part 270 (3700~3980MHz)_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	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	23.63	23.69	23.66	24.00
100	PI/2 BPSK	1	137	23.32	23.50	23.40	24.00
100	PI/2 BPSK	1	271	23.59	23.68	23.52	24.00
100	PI/2 BPSK	135	0	23.47	23.57	23.46	24.00
100	PI/2 BPSK	135	69	23.53	23.67	23.51	24.00
100	PI/2 BPSK	135	138	23.42	23.61	23.48	24.00
100	PI/2 BPSK	270	0	23.44	23.64	23.51	24.00
100	QPSK	1	1	23.33	23.49	23.33	24.00
100	QPSK	1	137	23.49	23.60	23.53	24.00
100	QPSK	1	271	23.49	23.64	23.53	24.00
100	QPSK	135	0	23.47	23.65	23.58	24.00
100	QPSK	135	69	23.32	23.47	23.37	24.00
100	QPSK	135	138	23.43	23.53	23.38	24.00
100	QPSK	270	0	23.40	23.53	23.40	24.00
100	16QAM	1	1	23.51	23.64	23.47	24.00
100	64QAM	1	1	23.38	23.55	23.41	24.00
100	256QAM	1	1	22.95	23.13	23.05	23.50
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	23.49	23.65	23.62	24.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	23.51	23.58	23.61	24.00
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)

70	PI/2 BPSK	1	1	23.51	23.60	23.59	24.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	23.59	23.55	23.58	24.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	23.52	23.59	23.65	24.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	23.52	23.62	23.60	24.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	23.61	23.57	23.55	24.00
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	23.61	23.67	23.60	24.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	23.50	23.64	23.51	24.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	23.54	23.61	23.60	24.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	23.49	23.63	23.57	24.00

【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 8_DSI
5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		14.28		15.00
100	PI/2 BPSK	1	137		14.21		15.00
100	PI/2 BPSK	1	271		14.25		15.00
100	PI/2 BPSK	135	0		14.21		15.00
100	PI/2 BPSK	135	69		14.22		15.00
100	PI/2 BPSK	135	138		14.11		15.00
100	PI/2 BPSK	270	0		14.14		15.00
100	QPSK	1	1		14.15		15.00
100	QPSK	1	137		14.26		15.00
100	QPSK	1	271		14.19		15.00
100	QPSK	135	0		14.26		15.00
100	QPSK	135	69		14.30		15.00
100	QPSK	135	138		14.24		15.00
100	QPSK	270	0		14.22		15.00
100	16QAM	1	1		14.26		15.00
100	64QAM	1	1		14.14		15.00
100	256QAM	1	1		14.27		15.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	14.20	14.25	14.23	15.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	14.06	14.14	14.19	15.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	14.13	14.24	14.22	15.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	14.08	14.20	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	14.06	14.14	14.09	15.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	14.10	14.13	14.11	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	14.16	14.12	15.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	14.07	14.18	14.16	15.00
Channel				630668	633332	636000	Tune-up limit

Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	14.08	14.12	14.21	15.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	14.07	14.15	14.16	15.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	14.12	14.11	14.09	15.00

【FR1 n77 (27O)_FCC_Part 27O (3700~3980MHz)_Ant 8_DSI
5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	14.63	14.69	14.65	15.00
100	PI/2 BPSK	1	137	14.40	14.51	14.40	15.00
100	PI/2 BPSK	1	271	14.44	14.64	14.55	15.00
100	PI/2 BPSK	135	0	14.57	14.65	14.49	15.00
100	PI/2 BPSK	135	69	14.46	14.67	14.58	15.00
100	PI/2 BPSK	135	138	14.48	14.65	14.60	15.00
100	PI/2 BPSK	270	0	14.44	14.60	14.43	15.00
100	QPSK	1	1	14.42	14.50	14.34	15.00
100	QPSK	1	137	14.49	14.60	14.47	15.00
100	QPSK	1	271	14.51	14.61	14.46	15.00
100	QPSK	135	0	14.30	14.50	14.37	15.00
100	QPSK	135	69	14.32	14.49	14.41	15.00
100	QPSK	135	138	14.43	14.55	14.50	15.00
100	QPSK	270	0	14.32	14.49	14.37	15.00
100	16QAM	1	1	14.52	14.68	14.53	15.00
100	64QAM	1	1	14.49	14.57	14.46	15.00
100	256QAM	1	1	14.33	14.52	14.35	15.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	14.61	14.59	14.51	15.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	14.59	14.61	14.52	15.00
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	14.56	14.56	14.59	15.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	14.51	14.64	14.55	15.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	14.59	14.67	14.52	15.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	14.54	14.67	14.50	15.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	14.52	14.68	14.64	15.00
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	14.59	14.67	14.53	15.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	14.56	14.61	14.62	15.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	14.52	14.63	14.55	15.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	14.53	14.55	14.55	15.00

【FR1 n77 (27Q)_FCC_Part 27Q
(3450~3550MHz)_HPUE_Ant 8_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
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Channel				633332		
Frequency (MHz)				3499.98		
100	PI/2 BPSK	1	1	17.36		18.50
100	PI/2 BPSK	1	137	17.31		18.50
100	PI/2 BPSK	1	271	17.24		18.50
100	PI/2 BPSK	135	0	17.17		18.50
100	PI/2 BPSK	135	69	17.25		18.50
100	PI/2 BPSK	135	138	17.13		18.50
100	PI/2 BPSK	270	0	17.06		18.50
100	QPSK	1	1	17.26		18.50
100	QPSK	1	137	17.15		18.50
100	QPSK	1	271	17.18		18.50
100	QPSK	135	0	17.25		18.50
100	QPSK	135	69	17.34		18.50
100	QPSK	135	138	17.29		18.50
100	QPSK	270	0	17.18		18.50
100	16QAM	1	1	17.34		18.50
100	64QAM	1	1	17.19		18.50
100	256QAM	1	1	17.17		18.50
Channel				633000	633332	633666
Frequency (MHz)				3495	3499.98	3504.99
90	PI/2 BPSK	1	1	17.32	17.35	17.30
Channel				632668	633332	634000
Frequency (MHz)				3490.02	3499.98	3510
80	PI/2 BPSK	1	1	17.19	17.34	17.16
Channel				632334	633332	634332
Frequency (MHz)				3485.01	3499.98	3514.98
70	PI/2 BPSK	1	1	17.24	17.33	17.29
Channel				632000	633332	634666
Frequency (MHz)				3480	3499.98	3519.99
60	PI/2 BPSK	1	1	17.18	17.20	17.19
Channel				631668	633332	635000
Frequency (MHz)				3475.02	3499.98	3525
50	PI/2 BPSK	1	1	17.21	17.34	17.29
Channel				631334	633332	635332
Frequency (MHz)				3470.01	3499.98	3529.98
40	PI/2 BPSK	1	1	17.30	17.28	17.17
Channel				631000	633332	635666
Frequency (MHz)				3465	3499.98	3534.99
30	PI/2 BPSK	1	1	17.23	17.26	17.25
Channel				630834	633332	635832
Frequency (MHz)				3462.51	3499.98	3537.48
25	PI/2 BPSK	1	1	17.17	17.32	17.23
Channel				630668	633332	636000
Frequency (MHz)				3460.02	3499.98	3540
20	PI/2 BPSK	1	1	17.22	17.21	17.28
Channel				630500	633332	636166
Frequency (MHz)				3457.5	3499.98	3542.49
15	PI/2 BPSK	1	1	17.25	17.26	17.26
Channel				630334	633332	636332
Frequency (MHz)				3455.01	3499.98	3544.98
10	PI/2 BPSK	1	1	17.23	17.23	17.20

【FR1 n77 (270)_FCC_Part 270
(3700~3980MHz)_HPUE_Ant 8_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	17.75	17.77	17.73	18.50
100	PI/2 BPSK	1	137	17.50	17.56	17.43	18.50
100	PI/2 BPSK	1	271	17.50	17.55	17.39	18.50
100	PI/2 BPSK	135	0	17.50	17.55	17.37	18.50
100	PI/2 BPSK	135	69	17.62	17.71	17.60	18.50
100	PI/2 BPSK	135	138	17.52	17.56	17.38	18.50
100	PI/2 BPSK	270	0	17.52	17.61	17.50	18.50
100	QPSK	1	1	17.53	17.57	17.45	18.50
100	QPSK	1	137	17.42	17.59	17.44	18.50
100	QPSK	1	271	17.49	17.59	17.50	18.50
100	QPSK	135	0	17.30	17.38	17.33	18.50
100	QPSK	135	69	17.30	17.42	17.27	18.50
100	QPSK	135	138	17.41	17.45	17.34	18.50
100	QPSK	270	0	17.39	17.50	17.38	18.50
100	16QAM	1	1	17.57	17.62	17.55	18.50

100	64QAM	1	1	17.59	17.66	17.61	18.50
100	256QAM	1	1	17.47	17.61	17.43	18.50
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	17.62	17.69	17.69	18.50
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	17.64	17.70	17.69	18.50
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	17.74	17.63	17.65	18.50
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	17.71	17.64	17.61	18.50
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	17.65	17.64	17.62	18.50
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	17.69	17.71	17.60	18.50
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	17.70	17.70	17.58	18.50
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	17.66	17.71	17.71	18.50
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	17.71	17.66	17.65	18.50
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	17.74	17.65	17.66	18.50
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	17.61	17.76	17.61	18.50

【FR1 n77 (27Q)_FCC_Part 27Q
(3450~3550MHz)_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		20.13		21.50
100	PI/2 BPSK	1	137		20.10		21.50
100	PI/2 BPSK	1	271		20.07		21.50
100	PI/2 BPSK	135	0		20.01		21.50
100	PI/2 BPSK	135	69		20.09		21.50
100	PI/2 BPSK	135	138		20.04		21.50
100	PI/2 BPSK	270	0		20.08		21.50
100	QPSK	1	1		20.03		21.50
100	QPSK	1	137		20.26		21.50
100	QPSK	1	271		20.21		21.50
100	QPSK	135	0		20.30		21.50
100	QPSK	135	69		20.05		21.50
100	QPSK	135	138		20.31		21.50
100	QPSK	270	0		20.25		21.50
100	16QAM	1	1		20.08		21.50
100	64QAM	1	1		20.21		21.50
100	256QAM	1	1		20.30		21.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	20.10	20.12	20.09	21.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	20.03	20.07	19.95	21.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	20.01	20.00	20.00	21.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	19.97	20.11	20.05	21.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	19.98	20.03	20.05	21.50

Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	20.05	20.00	19.99	21.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	19.97	20.09	19.96	21.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	19.97	19.98	20.02	21.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	20.01	20.04	20.00	21.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	19.99	20.11	20.02	21.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	20.04	19.99	19.96	21.50

【FR1 n77 (270)_FCC_Part 270
(3700~3980MHz)_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	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	20.63	20.67	20.66	21.50
100	PI/2 BPSK	1	137	20.57	20.65	20.60	21.50
100	PI/2 BPSK	1	271	20.47	20.56	20.43	21.50
100	PI/2 BPSK	135	0	20.45	20.59	20.43	21.50
100	PI/2 BPSK	135	69	20.57	20.62	20.56	21.50
100	PI/2 BPSK	135	138	20.48	20.61	20.58	21.50
100	PI/2 BPSK	270	0	20.46	20.59	20.45	21.50
100	QPSK	1	1	20.45	20.63	20.60	21.50
100	QPSK	1	137	20.50	20.60	20.50	21.50
100	QPSK	1	271	20.41	20.58	20.55	21.50
100	QPSK	135	0	20.49	20.61	20.50	21.50
100	QPSK	135	69	20.40	20.53	20.38	21.50
100	QPSK	135	138	20.51	20.66	20.62	21.50
100	QPSK	270	0	20.54	20.61	20.50	21.50
100	16QAM	1	1	20.51	20.59	20.56	21.50
100	64QAM	1	1	20.49	20.65	20.52	21.50
100	256QAM	1	1	20.45	20.54	20.42	21.50
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	20.57	20.53	20.52	21.50
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	20.60	20.59	20.60	21.50
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	20.58	20.57	20.53	21.50
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	20.53	20.61	20.54	21.50
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	20.57	20.62	20.63	21.50
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	20.55	20.58	20.52	21.50
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	20.50	20.62	20.54	21.50
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	20.61	20.55	20.52	21.50
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	20.54	20.65	20.56	21.50
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	20.52	20.57	20.52	21.50
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)

10	PI/2 BPSK	1	1	20.57	20.54	20.58	21.50
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【FR1 n77 (27Q)_FCC_Part 27Q
(3450~3550MHz)_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		26.29		27.50
100	PI/2 BPSK	1	137		26.23		27.50
100	PI/2 BPSK	1	271		26.18		27.50
100	PI/2 BPSK	135	0		26.23		27.50
100	PI/2 BPSK	135	69		26.27		27.50
100	PI/2 BPSK	135	138		26.21		27.50
100	PI/2 BPSK	270	0		26.19		27.50
100	QPSK	1	1		26.22		27.50
100	QPSK	1	137		26.21		27.50
100	QPSK	1	271		26.27		27.50
100	QPSK	135	0		26.18		27.50
100	QPSK	135	69		26.25		27.50
100	QPSK	135	138		26.33		27.50
100	QPSK	270	0		26.11		27.50
100	16QAM	1	1		26.18		27.50
100	64QAM	1	1		24.85		26.00
100	256QAM	1	1		22.80		24.00
Channel				633000	633332	633666	
Frequency (MHz)				3495	3499.98	3504.99	Tune-up limit (dBm)
90	PI/2 BPSK	1	1	26.23	26.27	26.25	27.50
Channel				632668	633332	634000	
Frequency (MHz)				3490.02	3499.98	3510	Tune-up limit (dBm)
80	PI/2 BPSK	1	1	26.16	26.13	26.19	27.50
Channel				632334	633332	634332	
Frequency (MHz)				3485.01	3499.98	3514.98	Tune-up limit (dBm)
70	PI/2 BPSK	1	1	26.15	26.20	26.13	27.50
Channel				632000	633332	634666	
Frequency (MHz)				3480	3499.98	3519.99	Tune-up limit (dBm)
60	PI/2 BPSK	1	1	26.16	26.17	26.16	27.50
Channel				631668	633332	635000	
Frequency (MHz)				3475.02	3499.98	3525	Tune-up limit (dBm)
50	PI/2 BPSK	1	1	26.12	26.18	26.23	27.50
Channel				631334	633332	635332	
Frequency (MHz)				3470.01	3499.98	3529.98	Tune-up limit (dBm)
40	PI/2 BPSK	1	1	26.12	26.12	26.20	27.50
Channel				631000	633332	635666	
Frequency (MHz)				3465	3499.98	3534.99	Tune-up limit (dBm)
30	PI/2 BPSK	1	1	26.19	26.19	26.16	27.50
Channel				630834	633332	635832	
Frequency (MHz)				3462.51	3499.98	3537.48	Tune-up limit (dBm)
25	PI/2 BPSK	1	1	26.21	26.21	26.20	27.50
Channel				630668	633332	636000	
Frequency (MHz)				3460.02	3499.98	3540	Tune-up limit (dBm)
20	PI/2 BPSK	1	1	26.08	26.19	26.18	27.50
Channel				630500	633332	636166	
Frequency (MHz)				3457.5	3499.98	3542.49	Tune-up limit (dBm)
15	PI/2 BPSK	1	1	26.13	26.14	26.21	27.50
Channel				630334	633332	636332	
Frequency (MHz)				3455.01	3499.98	3544.98	Tune-up limit (dBm)
10	PI/2 BPSK	1	1	26.19	26.16	26.19	27.50

【FR1 n77 (27O) _FCC_Part 27O
(3700~3980MHz) _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	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	26.56	26.60	26.53	27.50
100	PI/2 BPSK	1	137	26.46	26.59	26.45	27.50
100	PI/2 BPSK	1	271	26.42	26.59	26.44	27.50
100	PI/2 BPSK	135	0	26.30	26.46	26.34	27.50
100	PI/2 BPSK	135	69	26.45	26.58	26.44	27.50
100	PI/2 BPSK	135	138	26.40	26.54	26.41	27.50
100	PI/2 BPSK	270	0	26.52	26.64	26.43	27.50
100	QPSK	1	1	26.53	26.60	26.47	27.50
100	QPSK	1	137	26.62	26.68	26.48	27.50
100	QPSK	1	271	26.56	26.71	26.60	27.50
100	QPSK	135	0	26.57	26.73	26.53	27.50
100	QPSK	135	69	26.33	26.43	26.33	27.50
100	QPSK	135	138	26.42	26.49	26.34	27.50
100	QPSK	270	0	26.54	26.61	26.40	27.50
100	16QAM	1	1	26.45	26.52	26.31	27.50
100	64QAM	1	1	25.41	25.55	25.44	26.00
100	256QAM	1	1	22.92	22.99	22.88	24.00
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	26.41	26.46	26.47	27.50
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	26.43	26.50	26.42	27.50
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	26.47	26.56	26.39	27.50
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	26.42	26.59	26.45	27.50
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	26.52	26.46	26.46	27.50
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	26.49	26.56	26.39	27.50
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	26.49	26.51	26.46	27.50
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	26.49	26.51	26.48	27.50
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	26.50	26.57	26.38	27.50
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	26.41	26.46	26.46	27.50
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	26.42	26.54	26.49	27.50

【FR1 n77 (27Q) _FCC_Part 27Q
(3450~3550MHz) _HPUE_Ant 8_DSI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		17.36		18.50
100	PI/2 BPSK	1	137		17.31		18.50
100	PI/2 BPSK	1	271		17.24		18.50
100	PI/2 BPSK	135	0		17.17		18.50
100	PI/2 BPSK	135	69		17.25		18.50
100	PI/2 BPSK	135	138		17.13		18.50
100	PI/2 BPSK	270	0		17.06		18.50
100	QPSK	1	1		17.26		18.50

100	QPSK	1	137		17.15		18.50
100	QPSK	1	271		17.18		18.50
100	QPSK	135	0		17.25		18.50
100	QPSK	135	69		17.34		18.50
100	QPSK	135	138		17.29		18.50
100	QPSK	270	0		17.18		18.50
100	16QAM	1	1		17.34		18.50
100	64QAM	1	1		17.19		18.50
100	256QAM	1	1		17.17		18.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	17.32	17.35	17.30	18.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	17.19	17.34	17.16	18.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	17.24	17.33	17.29	18.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	17.18	17.20	17.19	18.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	17.21	17.34	17.29	18.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	17.30	17.28	17.17	18.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	17.23	17.26	17.25	18.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	17.17	17.32	17.23	18.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	17.22	17.21	17.28	18.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	17.25	17.26	17.26	18.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	17.23	17.23	17.20	18.50

【FR1 n77 (270)_FCC_Part 270
(3700~3980MHz)_HPUE_Ant 8_DSI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	17.75	17.77	17.73	18.50
100	PI/2 BPSK	1	137	17.50	17.56	17.43	18.50
100	PI/2 BPSK	1	271	17.50	17.55	17.39	18.50
100	PI/2 BPSK	135	0	17.50	17.55	17.37	18.50
100	PI/2 BPSK	135	69	17.62	17.71	17.60	18.50
100	PI/2 BPSK	135	138	17.52	17.56	17.38	18.50
100	PI/2 BPSK	270	0	17.52	17.61	17.50	18.50
100	QPSK	1	1	17.53	17.57	17.45	18.50
100	QPSK	1	137	17.42	17.59	17.44	18.50
100	QPSK	1	271	17.49	17.59	17.50	18.50
100	QPSK	135	0	17.30	17.38	17.33	18.50
100	QPSK	135	69	17.30	17.42	17.27	18.50
100	QPSK	135	138	17.41	17.45	17.34	18.50
100	QPSK	270	0	17.39	17.50	17.38	18.50
100	16QAM	1	1	17.57	17.62	17.55	18.50
100	64QAM	1	1	17.59	17.66	17.61	18.50
100	256QAM	1	1	17.47	17.61	17.43	18.50
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	17.62	17.69	17.69	18.50
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	17.64	17.70	17.69	18.50
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)

70	PI/2 BPSK	1	1	17.74	17.63	17.65	18.50
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	17.71	17.64	17.61	18.50
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	17.65	17.64	17.62	18.50
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	17.69	17.71	17.60	18.50
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	17.70	17.70	17.58	18.50
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	17.66	17.71	17.71	18.50
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	17.71	17.66	17.65	18.50
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	17.74	17.65	17.66	18.50
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	17.61	17.76	17.61	18.50

【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 9_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		23.73		25.00
100	PI/2 BPSK	1	137		23.59		25.00
100	PI/2 BPSK	1	271		23.63		25.00
100	PI/2 BPSK	135	0		23.62		25.00
100	PI/2 BPSK	135	69		23.69		25.00
100	PI/2 BPSK	135	138		23.64		25.00
100	PI/2 BPSK	270	0		23.69		25.00
100	QPSK	1	1		23.62		25.00
100	QPSK	1	137		23.52		25.00
100	QPSK	1	271		23.55		25.00
100	QPSK	135	0		23.53		25.00
100	QPSK	135	69		23.73		25.00
100	QPSK	135	138		23.65		25.00
100	QPSK	270	0		23.67		25.00
100	16QAM	1	1		23.57		25.00
100	64QAM	1	1		23.25		24.50
100	256QAM	1	1		21.28		22.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	23.68	23.69	23.63	25.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	23.59	23.57	23.48	25.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	23.61	23.67	23.52	25.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	23.67	23.64	23.50	25.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	23.60	23.61	23.55	25.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	23.53	23.63	23.51	25.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	23.64	23.65	23.50	25.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	23.57	23.62	23.53	25.00
Channel				630668	633332	636000	Tune-up limit

Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	23.67	23.62	23.58	25.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	23.57	23.57	23.49	25.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	23.56	23.60	23.61	25.00

【FR1 n77 (27O)_FCC_Part 27O (3700~3980MHz)_Ant 9_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	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	24.03	24.48	24.36	25.00
100	PI/2 BPSK	1	137	23.92	24.41	24.14	25.00
100	PI/2 BPSK	1	271	23.86	24.42	24.22	25.00
100	PI/2 BPSK	135	0	23.81	24.39	24.13	25.00
100	PI/2 BPSK	135	69	24.00	24.47	24.21	25.00
100	PI/2 BPSK	135	138	23.84	24.34	24.10	25.00
100	PI/2 BPSK	270	0	23.98	24.45	24.23	25.00
100	QPSK	1	1	23.97	24.47	24.22	25.00
100	QPSK	1	137	23.88	24.38	24.16	25.00
100	QPSK	1	271	23.75	24.29	24.14	25.00
100	QPSK	135	0	23.80	24.28	24.07	25.00
100	QPSK	135	69	23.92	24.47	24.28	25.00
100	QPSK	135	138	23.86	24.36	24.11	25.00
100	QPSK	270	0	23.93	24.48	24.27	25.00
100	16QAM	1	1	23.74	24.28	24.09	25.00
100	64QAM	1	1	23.43	23.93	23.76	24.50
100	256QAM	1	1	21.41	21.96	21.75	22.50
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	23.90	24.35	24.26	25.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	23.89	24.40	24.30	25.00
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	23.93	24.37	24.26	25.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	23.97	24.44	24.27	25.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	23.92	24.37	24.32	25.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	23.96	24.34	24.25	25.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	23.99	24.43	24.28	25.00
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	23.95	24.44	24.24	25.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	23.98	24.40	24.31	25.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	23.89	24.44	24.31	25.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	23.95	24.34	24.22	25.00

【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 9_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)
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Channel				633332		
Frequency (MHz)				3499.98		
100	PI/2 BPSK	1	1	25.71		27.00
100	PI/2 BPSK	1	137	25.68		27.00
100	PI/2 BPSK	1	271	25.56		27.00
100	PI/2 BPSK	135	0	25.03		26.50
100	PI/2 BPSK	135	69	25.69		27.00
100	PI/2 BPSK	135	138	25.00		26.50
100	PI/2 BPSK	270	0	24.97		26.50
100	QPSK	1	1	25.48		27.00
100	QPSK	1	137	25.25		27.00
100	QPSK	1	271	25.47		27.00
100	QPSK	135	0	24.33		26.00
100	QPSK	135	69	25.44		27.00
100	QPSK	135	138	24.19		26.00
100	QPSK	270	0	24.39		26.00
100	16QAM	1	1	24.15		26.00
100	64QAM	1	1	22.97		24.50
100	256QAM	1	1	20.79		22.50
Channel				633000	633332	633666
Frequency (MHz)				3495	3499.98	3504.99
90	PI/2 BPSK	1	1	25.68	25.70	25.63
Channel				632668	633332	634000
Frequency (MHz)				3490.02	3499.98	3510
80	PI/2 BPSK	1	1	25.64	25.64	25.52
Channel				632334	633332	634332
Frequency (MHz)				3485.01	3499.98	3514.98
70	PI/2 BPSK	1	1	25.56	25.57	25.60
Channel				632000	633332	634666
Frequency (MHz)				3480	3499.98	3519.99
60	PI/2 BPSK	1	1	25.64	25.56	25.48
Channel				631668	633332	635000
Frequency (MHz)				3475.02	3499.98	3525
50	PI/2 BPSK	1	1	25.66	25.66	25.55
Channel				631334	633332	635332
Frequency (MHz)				3470.01	3499.98	3529.98
40	PI/2 BPSK	1	1	25.67	25.55	25.57
Channel				631000	633332	635666
Frequency (MHz)				3465	3499.98	3534.99
30	PI/2 BPSK	1	1	25.55	25.64	25.57
Channel				630834	633332	635832
Frequency (MHz)				3462.51	3499.98	3537.48
25	PI/2 BPSK	1	1	25.65	25.63	25.53
Channel				630668	633332	636000
Frequency (MHz)				3460.02	3499.98	3540
20	PI/2 BPSK	1	1	25.59	25.56	25.56
Channel				630500	633332	636166
Frequency (MHz)				3457.5	3499.98	3542.49
15	PI/2 BPSK	1	1	25.60	25.60	25.50
Channel				630334	633332	636332
Frequency (MHz)				3455.01	3499.98	3544.98
10	PI/2 BPSK	1	1	25.65	25.67	25.56

【FR1 n77 (270)_FCC_Part 270

(3700~3980MHz)_HPUE_Ant 9_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	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	25.95	26.23	26.18	27.00
100	PI/2 BPSK	1	137	25.77	26.19	26.08	27.00
100	PI/2 BPSK	1	271	25.82	26.22	26.02	27.00
100	PI/2 BPSK	135	0	25.38	25.67	25.54	26.50
100	PI/2 BPSK	135	69	25.77	26.14	25.96	27.00
100	PI/2 BPSK	135	138	24.99	25.31	25.17	26.50
100	PI/2 BPSK	270	0	25.20	25.62	25.44	26.50
100	QPSK	1	1	25.65	25.94	25.77	27.00
100	QPSK	1	137	25.60	25.96	25.85	27.00
100	QPSK	1	271	25.60	25.96	25.88	27.00
100	QPSK	135	0	24.74	25.12	24.95	26.00
100	QPSK	135	69	25.65	25.95	25.82	27.00
100	QPSK	135	138	24.47	24.86	24.68	26.00
100	QPSK	270	0	24.91	25.26	25.10	26.00
100	16QAM	1	1	24.88	25.22	25.14	26.00

100	64QAM	1	1	23.49	23.87	23.78	24.50
100	256QAM	1	1	21.60	21.85	21.79	22.50
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	25.85	26.08	26.12	27.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	25.94	26.20	26.07	27.00
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	25.87	26.09	26.08	27.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	25.93	26.12	26.08	27.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	25.87	26.10	26.10	27.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	25.81	26.11	26.15	27.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	25.84	26.21	26.06	27.00
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	25.93	26.21	26.06	27.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	25.92	26.12	26.05	27.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	25.81	26.10	26.11	27.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	25.90	26.09	26.16	27.00

【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 9_DSI
1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		16.35		17.50
100	PI/2 BPSK	1	137		16.17		17.50
100	PI/2 BPSK	1	271		16.23		17.50
100	PI/2 BPSK	135	0		16.32		17.50
100	PI/2 BPSK	135	69		16.34		17.50
100	PI/2 BPSK	135	138		16.14		17.50
100	PI/2 BPSK	270	0		16.23		17.50
100	QPSK	1	1		16.23		17.50
100	QPSK	1	137		16.31		17.50
100	QPSK	1	271		16.21		17.50
100	QPSK	135	0		16.21		17.50
100	QPSK	135	69		16.16		17.50
100	QPSK	135	138		16.21		17.50
100	QPSK	270	0		16.32		17.50
100	16QAM	1	1		16.23		17.50
100	64QAM	1	1		16.25		17.50
100	256QAM	1	1		16.20		17.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	16.16	16.28	16.19	17.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	16.07	16.17	16.16	17.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	16.02	16.17	16.08	17.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	16.03	16.16	16.09	17.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	16.14	16.23	16.12	17.50

Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	16.02	16.15	16.13	17.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	16.01	16.13	16.08	17.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	16.07	16.20	16.08	17.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	16.08	16.22	16.17	17.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	16.04	16.23	16.12	17.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	16.11	16.13	16.06	17.50

【FR1 n77 (270)_FCC_Part 270 (3700~3980MHz)_Ant 9_DSI
1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	17.06	17.09	17.05	17.50
100	PI/2 BPSK	1	137	16.69	16.86	16.70	17.50
100	PI/2 BPSK	1	271	16.88	16.97	16.88	17.50
100	PI/2 BPSK	135	0	16.88	16.96	16.89	17.50
100	PI/2 BPSK	135	69	16.91	16.98	16.90	17.50
100	PI/2 BPSK	135	138	16.78	16.94	16.78	17.50
100	PI/2 BPSK	270	0	16.76	16.89	16.81	17.50
100	QPSK	1	1	16.80	16.90	16.85	17.50
100	QPSK	1	137	16.90	17.08	16.95	17.50
100	QPSK	1	271	16.85	16.96	16.85	17.50
100	QPSK	135	0	16.81	16.90	16.79	17.50
100	QPSK	135	69	16.94	17.09	16.93	17.50
100	QPSK	135	138	16.95	17.06	16.90	17.50
100	QPSK	270	0	16.95	17.09	16.97	17.50
100	16QAM	1	1	16.83	16.89	16.82	17.50
100	64QAM	1	1	16.74	16.87	16.73	17.50
100	256QAM	1	1	16.93	16.98	16.81	17.50
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	16.93	17.08	16.94	17.50
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	16.98	17.01	16.96	17.50
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	17.05	17.03	16.94	17.50
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	17.04	16.96	16.96	17.50
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	16.92	16.96	17.01	17.50
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	16.98	17.00	16.98	17.50
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	17.03	16.98	17.04	17.50
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	17.01	17.05	16.91	17.50
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	17.03	17.00	17.04	17.50
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	16.94	17.02	17.00	17.50
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)

10	PI/2 BPSK	1	1	16.97	16.95	16.96	17.50
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【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 9_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		17.84		19.00
100	PI/2 BPSK	1	137		17.82		19.00
100	PI/2 BPSK	1	271		17.73		19.00
100	PI/2 BPSK	135	0		17.72		19.00
100	PI/2 BPSK	135	69		17.80		19.00
100	PI/2 BPSK	135	138		17.77		19.00
100	PI/2 BPSK	270	0		17.63		19.00
100	QPSK	1	1		17.85		19.00
100	QPSK	1	137		17.80		19.00
100	QPSK	1	271		17.71		19.00
100	QPSK	135	0		17.66		19.00
100	QPSK	135	69		17.83		19.00
100	QPSK	135	138		17.63		19.00
100	QPSK	270	0		17.79		19.00
100	16QAM	1	1		17.63		19.00
100	64QAM	1	1		17.85		19.00
100	256QAM	1	1		17.68		19.00
Channel				633000	633332	633666	
Frequency (MHz)				3495	3499.98	3504.99	Tune-up limit (dBm)
90	PI/2 BPSK	1	1	17.68	17.82	17.81	19.00
Channel				632668	633332	634000	
Frequency (MHz)				3490.02	3499.98	3510	Tune-up limit (dBm)
80	PI/2 BPSK	1	1	17.62	17.79	17.74	19.00
Channel				632334	633332	634332	
Frequency (MHz)				3485.01	3499.98	3514.98	Tune-up limit (dBm)
70	PI/2 BPSK	1	1	17.53	17.77	17.66	19.00
Channel				632000	633332	634666	
Frequency (MHz)				3480	3499.98	3519.99	Tune-up limit (dBm)
60	PI/2 BPSK	1	1	17.57	17.76	17.70	19.00
Channel				631668	633332	635000	
Frequency (MHz)				3475.02	3499.98	3525	Tune-up limit (dBm)
50	PI/2 BPSK	1	1	17.61	17.69	17.70	19.00
Channel				631334	633332	635332	
Frequency (MHz)				3470.01	3499.98	3529.98	Tune-up limit (dBm)
40	PI/2 BPSK	1	1	17.64	17.71	17.75	19.00
Channel				631000	633332	635666	
Frequency (MHz)				3465	3499.98	3534.99	Tune-up limit (dBm)
30	PI/2 BPSK	1	1	17.59	17.73	17.73	19.00
Channel				630834	633332	635832	
Frequency (MHz)				3462.51	3499.98	3537.48	Tune-up limit (dBm)
25	PI/2 BPSK	1	1	17.67	17.75	17.70	19.00
Channel				630668	633332	636000	
Frequency (MHz)				3460.02	3499.98	3540	Tune-up limit (dBm)
20	PI/2 BPSK	1	1	17.54	17.77	17.67	19.00
Channel				630500	633332	636166	
Frequency (MHz)				3457.5	3499.98	3542.49	Tune-up limit (dBm)
15	PI/2 BPSK	1	1	17.58	17.71	17.75	19.00
Channel				630334	633332	636332	
Frequency (MHz)				3455.01	3499.98	3544.98	Tune-up limit (dBm)
10	PI/2 BPSK	1	1	17.64	17.69	17.71	19.00

【FR1 n77 (270)_FCC_Part 270 (3700~3980MHz)_Ant 9_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	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	18.55	18.58	18.53	19.00
100	PI/2 BPSK	1	137	18.46	18.51	18.41	19.00
100	PI/2 BPSK	1	271	18.30	18.44	18.30	19.00
100	PI/2 BPSK	135	0	18.38	18.50	18.40	19.00
100	PI/2 BPSK	135	69	18.53	18.57	18.43	19.00
100	PI/2 BPSK	135	138	18.49	18.57	18.47	19.00
100	PI/2 BPSK	270	0	18.39	18.53	18.36	19.00
100	QPSK	1	1	18.50	18.56	18.47	19.00
100	QPSK	1	137	18.23	18.38	18.19	19.00
100	QPSK	1	271	18.33	18.40	18.22	19.00
100	QPSK	135	0	18.28	18.43	18.31	19.00
100	QPSK	135	69	18.37	18.50	18.33	19.00
100	QPSK	135	138	18.25	18.43	18.28	19.00
100	QPSK	270	0	18.32	18.40	18.29	19.00
100	16QAM	1	1	18.36	18.48	18.29	19.00
100	64QAM	1	1	18.48	18.53	18.38	19.00
100	256QAM	1	1	18.32	18.38	18.28	19.00
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	18.46	18.53	18.45	19.00
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	18.49	18.56	18.40	19.00
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	18.46	18.55	18.41	19.00
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	18.44	18.47	18.39	19.00
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	18.53	18.50	18.43	19.00
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	18.43	18.45	18.40	19.00
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	18.44	18.50	18.51	19.00
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	18.49	18.45	18.41	19.00
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	18.42	18.50	18.42	19.00
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	18.50	18.52	18.52	19.00
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	18.44	18.44	18.39	19.00

【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 9_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		23.73		25.00
100	PI/2 BPSK	1	137		23.59		25.00
100	PI/2 BPSK	1	271		23.63		25.00
100	PI/2 BPSK	135	0		23.62		25.00
100	PI/2 BPSK	135	69		23.69		25.00
100	PI/2 BPSK	135	138		23.64		25.00
100	PI/2 BPSK	270	0		23.69		25.00
100	QPSK	1	1		23.62		25.00
100	QPSK	1	137		23.52		25.00

100	QPSK	1	271		23.55		25.00
100	QPSK	135	0		23.53		25.00
100	QPSK	135	69		23.73		25.00
100	QPSK	135	138		23.65		25.00
100	QPSK	270	0		23.67		25.00
100	16QAM	1	1		23.57		25.00
100	64QAM	1	1		23.25		24.50
100	256QAM	1	1		21.28		22.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	23.68	23.69	23.63	25.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	23.59	23.57	23.48	25.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	23.61	23.67	23.52	25.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	23.67	23.64	23.50	25.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	23.60	23.61	23.55	25.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	23.53	23.63	23.51	25.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	23.64	23.65	23.50	25.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	23.57	23.62	23.53	25.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	23.67	23.62	23.58	25.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	23.57	23.57	23.49	25.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	23.56	23.60	23.61	25.00

【FR1 n77 (270)_FCC_Part 270 (3700~3980MHz)_Ant 9_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	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	24.03	24.48	24.36	25.00
100	PI/2 BPSK	1	137	23.92	24.41	24.14	25.00
100	PI/2 BPSK	1	271	23.86	24.42	24.22	25.00
100	PI/2 BPSK	135	0	23.81	24.39	24.13	25.00
100	PI/2 BPSK	135	69	24.00	24.47	24.21	25.00
100	PI/2 BPSK	135	138	23.84	24.34	24.10	25.00
100	PI/2 BPSK	270	0	23.98	24.45	24.23	25.00
100	QPSK	1	1	23.97	24.47	24.22	25.00
100	QPSK	1	137	23.88	24.38	24.16	25.00
100	QPSK	1	271	23.75	24.29	24.14	25.00
100	QPSK	135	0	23.80	24.28	24.07	25.00
100	QPSK	135	69	23.92	24.47	24.28	25.00
100	QPSK	135	138	23.86	24.36	24.11	25.00
100	QPSK	270	0	23.93	24.48	24.27	25.00
100	16QAM	1	1	23.74	24.28	24.09	25.00
100	64QAM	1	1	23.43	23.93	23.76	24.50
100	256QAM	1	1	21.41	21.96	21.75	22.50
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	23.90	24.35	24.26	25.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	23.89	24.40	24.30	25.00
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	23.93	24.37	24.26	25.00

Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	23.97	24.44	24.27	25.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	23.92	24.37	24.32	25.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	23.96	24.34	24.25	25.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	23.99	24.43	24.28	25.00
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	23.95	24.44	24.24	25.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	23.98	24.40	24.31	25.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	23.89	24.44	24.31	25.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	23.95	24.34	24.22	25.00

【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 9_DSI
5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		16.35		17.50
100	PI/2 BPSK	1	137		16.17		17.50
100	PI/2 BPSK	1	271		16.23		17.50
100	PI/2 BPSK	135	0		16.32		17.50
100	PI/2 BPSK	135	69		16.34		17.50
100	PI/2 BPSK	135	138		16.14		17.50
100	PI/2 BPSK	270	0		16.23		17.50
100	QPSK	1	1		16.23		17.50
100	QPSK	1	137		16.31		17.50
100	QPSK	1	271		16.21		17.50
100	QPSK	135	0		16.21		17.50
100	QPSK	135	69		16.16		17.50
100	QPSK	135	138		16.21		17.50
100	QPSK	270	0		16.32		17.50
100	16QAM	1	1		16.23		17.50
100	64QAM	1	1		16.25		17.50
100	256QAM	1	1		16.20		17.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	16.16	16.28	16.19	17.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	16.07	16.17	16.16	17.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	16.02	16.17	16.08	17.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	16.03	16.16	16.09	17.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	16.14	16.23	16.12	17.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	16.02	16.15	16.13	17.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	16.01	16.13	16.08	17.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	16.07	16.20	16.08	17.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)

20	PI/2 BPSK	1	1	16.08	16.22	16.17	17.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	16.04	16.23	16.12	17.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	16.11	16.13	16.06	17.50

【FR1 n77 (270)_FCC_Part 270 (3700~3980MHz)_Ant 9_DSI

5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	Tune-up limit
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	17.06	17.09	17.05	17.50
100	PI/2 BPSK	1	137	16.69	16.86	16.70	17.50
100	PI/2 BPSK	1	271	16.88	16.97	16.88	17.50
100	PI/2 BPSK	135	0	16.88	16.96	16.89	17.50
100	PI/2 BPSK	135	69	16.91	16.98	16.90	17.50
100	PI/2 BPSK	135	138	16.78	16.94	16.78	17.50
100	PI/2 BPSK	270	0	16.76	16.89	16.81	17.50
100	QPSK	1	1	16.80	16.90	16.85	17.50
100	QPSK	1	137	16.90	17.08	16.95	17.50
100	QPSK	1	271	16.85	16.96	16.85	17.50
100	QPSK	135	0	16.81	16.90	16.79	17.50
100	QPSK	135	69	16.94	17.09	16.93	17.50
100	QPSK	135	138	16.95	17.06	16.90	17.50
100	QPSK	270	0	16.95	17.09	16.97	17.50
100	16QAM	1	1	16.83	16.89	16.82	17.50
100	64QAM	1	1	16.74	16.87	16.73	17.50
100	256QAM	1	1	16.93	16.98	16.81	17.50
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	16.93	17.08	16.94	17.50
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	16.98	17.01	16.96	17.50
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	17.05	17.03	16.94	17.50
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	17.04	16.96	16.96	17.50
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	16.92	16.96	17.01	17.50
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	16.98	17.00	16.98	17.50
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	17.03	16.98	17.04	17.50
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	17.01	17.05	16.91	17.50
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	17.03	17.00	17.04	17.50
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	16.94	17.02	17.00	17.50
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	16.97	16.95	16.96	17.50

【FR1 n77 (27Q)_FCC_Part 27Q
(3450~3550MHz)_HPUE_Ant 9_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
100	PI/2 BPSK	1	1	19.28	19.35	19.25	20.50
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	19.26	19.20	19.23	20.50
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	19.19	19.29	19.17	20.50
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	19.19	19.32	19.19	20.50
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	19.22	19.22	19.21	20.50
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	19.14	19.22	19.18	20.50
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	19.26	19.21	19.19	20.50
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	19.26	19.29	19.16	20.50
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	19.23	19.30	19.17	20.50
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	19.13	19.25	19.18	20.50
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	19.15	19.27	19.13	20.50

【FR1 n77 (27O)_FCC_Part 27O
(3700~3980MHz)_HPUE_Ant 9_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	Tune-up limit (dBm)
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	20.11	20.15	20.13	20.50
100	PI/2 BPSK	1	137	19.85	19.97	19.94	20.50
100	PI/2 BPSK	1	271	19.94	20.07	20.00	20.50
100	PI/2 BPSK	135	0	19.98	20.03	19.92	20.50
100	PI/2 BPSK	135	69	20.02	20.10	19.94	20.50
100	PI/2 BPSK	135	138	19.82	19.94	19.85	20.50
100	PI/2 BPSK	270	0	19.91	20.05	19.91	20.50
100	QPSK	1	1	19.78	19.93	19.82	20.50
100	QPSK	1	137	19.93	20.10	20.02	20.50

100	QPSK	1	271	19.80	19.94	19.87	20.50
100	QPSK	135	0	19.70	19.78	19.62	20.50
100	QPSK	135	69	19.99	20.10	19.94	20.50
100	QPSK	135	138	20.00	20.12	20.06	20.50
100	QPSK	270	0	19.97	20.02	19.92	20.50
100	16QAM	1	1	19.81	19.89	19.77	20.50
100	64QAM	1	1	19.69	19.77	19.61	20.50
100	256QAM	1	1	19.86	20.02	19.95	20.50
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	20.04	20.07	20.07	20.50
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	20.09	20.04	20.08	20.50
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	20.08	20.08	20.00	20.50
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	20.02	20.03	20.06	20.50
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	19.99	20.10	20.03	20.50
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	20.05	20.10	20.04	20.50
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	20.02	20.10	20.02	20.50
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	20.05	20.05	20.04	20.50
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	19.96	20.00	20.02	20.50
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	20.04	20.04	20.11	20.50
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	19.97	20.03	20.00	20.50

【FR1 n77 (27Q)_FCC_Part 27Q
(3450~3550MHz)_HPUE_Ant 9_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		20.85		22.00
100	PI/2 BPSK	1	137		20.75		22.00
100	PI/2 BPSK	1	271		20.77		22.00
100	PI/2 BPSK	135	0		20.70		22.00
100	PI/2 BPSK	135	69		20.82		22.00
100	PI/2 BPSK	135	138		20.66		22.00
100	PI/2 BPSK	270	0		20.61		22.00
100	QPSK	1	1		20.79		22.00
100	QPSK	1	137		20.73		22.00
100	QPSK	1	271		20.70		22.00
100	QPSK	135	0		20.58		22.00
100	QPSK	135	69		20.79		22.00
100	QPSK	135	138		20.57		22.00
100	QPSK	270	0		20.69		22.00
100	16QAM	1	1		20.67		22.00
100	64QAM	1	1		20.93		22.00
100	256QAM	1	1		20.63		22.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	20.81	20.84	20.83	22.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	20.71	20.79	20.71	22.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	20.79	20.70	20.71	22.00

Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	20.76	20.77	20.71	22.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	20.73	20.74	20.72	22.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	20.78	20.73	20.70	22.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	20.78	20.78	20.81	22.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	20.70	20.76	20.80	22.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	20.68	20.73	20.71	22.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	20.66	20.74	20.78	22.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	20.77	20.73	20.77	22.00

【FR1 n77 (270) _FCC_Part 270
(3700~3980MHz) _HPUE_Ant 9_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	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	21.43	21.47	21.46	22.00
100	PI/2 BPSK	1	137	21.38	21.44	21.28	22.00
100	PI/2 BPSK	1	271	21.22	21.41	21.33	22.00
100	PI/2 BPSK	135	0	21.31	21.39	21.29	22.00
100	PI/2 BPSK	135	69	21.36	21.45	21.31	22.00
100	PI/2 BPSK	135	138	21.30	21.37	21.27	22.00
100	PI/2 BPSK	270	0	21.35	21.43	21.28	22.00
100	QPSK	1	1	21.58	21.65	21.57	22.00
100	QPSK	1	137	21.24	21.40	21.25	22.00
100	QPSK	1	271	21.38	21.44	21.41	22.00
100	QPSK	135	0	21.26	21.33	21.21	22.00
100	QPSK	135	69	21.36	21.51	21.43	22.00
100	QPSK	135	138	21.21	21.38	21.25	22.00
100	QPSK	270	0	21.21	21.29	21.25	22.00
100	16QAM	1	1	21.26	21.33	21.20	22.00
100	64QAM	1	1	21.26	21.41	21.27	22.00
100	256QAM	1	1	21.26	21.32	21.17	22.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	21.38	21.34	21.34	22.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	21.31	21.34	21.41	22.00
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	21.38	21.46	21.38	22.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	21.35	21.44	21.40	22.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	21.32	21.41	21.36	22.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	21.29	21.45	21.45	22.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	21.28	21.34	21.31	22.00
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	21.33	21.45	21.38	22.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)

20	PI/2 BPSK	1	1	21.42	21.40	21.40	22.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	21.29	21.45	21.43	22.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	21.32	21.40	21.37	22.00

【FR1 n77 (27Q)_FCC_Part 27Q
(3450~3550MHz)_HPUE_Ant 9_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		25.71		27.00
100	PI/2 BPSK	1	137		25.68		27.00
100	PI/2 BPSK	1	271		25.56		27.00
100	PI/2 BPSK	135	0		25.03		26.50
100	PI/2 BPSK	135	69		25.69		27.00
100	PI/2 BPSK	135	138		25.00		26.50
100	PI/2 BPSK	270	0		24.97		26.50
100	QPSK	1	1		25.48		27.00
100	QPSK	1	137		25.25		27.00
100	QPSK	1	271		25.47		27.00
100	QPSK	135	0		24.33		26.00
100	QPSK	135	69		25.44		27.00
100	QPSK	135	138		24.19		26.00
100	QPSK	270	0		24.39		26.00
100	16QAM	1	1		24.15		26.00
100	64QAM	1	1		22.97		24.50
100	256QAM	1	1		20.79		22.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	25.68	25.70	25.63	27.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	25.64	25.64	25.52	27.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	25.56	25.57	25.60	27.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	25.64	25.56	25.48	27.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	25.66	25.66	25.55	27.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	25.67	25.55	25.57	27.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	25.55	25.64	25.57	27.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	25.65	25.63	25.53	27.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	25.59	25.56	25.56	27.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	25.60	25.60	25.50	27.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	25.65	25.67	25.56	27.00

【FR1 n77 (27O)_FCC_Part 27O
(3700~3980MHz)_HPUE_Ant 9_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	656000	662000	Tune-up limit (dBm)
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	25.95	26.23	26.18	27.00
100	PI/2 BPSK	1	137	25.77	26.19	26.08	27.00
100	PI/2 BPSK	1	271	25.82	26.22	26.02	27.00
100	PI/2 BPSK	135	0	25.38	25.67	25.54	26.50
100	PI/2 BPSK	135	69	25.77	26.14	25.96	27.00
100	PI/2 BPSK	135	138	24.99	25.31	25.17	26.50
100	PI/2 BPSK	270	0	25.20	25.62	25.44	26.50
100	QPSK	1	1	25.65	25.94	25.77	27.00
100	QPSK	1	137	25.60	25.96	25.85	27.00
100	QPSK	1	271	25.60	25.96	25.88	27.00
100	QPSK	135	0	24.74	25.12	24.95	26.00
100	QPSK	135	69	25.65	25.95	25.82	27.00
100	QPSK	135	138	24.47	24.86	24.68	26.00
100	QPSK	270	0	24.91	25.26	25.10	26.00
100	16QAM	1	1	24.88	25.22	25.14	26.00
100	64QAM	1	1	23.49	23.87	23.78	24.50
100	256QAM	1	1	21.60	21.85	21.79	22.50
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	25.85	26.08	26.12	27.00
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	25.94	26.20	26.07	27.00
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	25.87	26.09	26.08	27.00
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	25.93	26.12	26.08	27.00
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	25.87	26.10	26.10	27.00
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	25.81	26.11	26.15	27.00
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	25.84	26.21	26.06	27.00
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	25.93	26.21	26.06	27.00
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	25.92	26.12	26.05	27.00
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	25.81	26.10	26.11	27.00
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	25.90	26.09	26.16	27.00

【FR1 n77 (27Q)_FCC_Part 27Q
(3450~3550MHz)_HPUE_Ant 9_DSI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		Tune-up limit (dBm)
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		19.38		20.50
100	PI/2 BPSK	1	137		19.23		20.50
100	PI/2 BPSK	1	271		19.16		20.50
100	PI/2 BPSK	135	0		19.28		20.50
100	PI/2 BPSK	135	69		19.35		20.50
100	PI/2 BPSK	135	138		19.07		20.50
100	PI/2 BPSK	270	0		19.27		20.50
100	QPSK	1	1		19.15		20.50
100	QPSK	1	137		19.19		20.50

100	QPSK	1	271		19.30		20.50
100	QPSK	135	0		19.31		20.50
100	QPSK	135	69		19.06		20.50
100	QPSK	135	138		19.25		20.50
100	QPSK	270	0		19.27		20.50
100	16QAM	1	1		19.22		20.50
100	64QAM	1	1		19.27		20.50
100	256QAM	1	1		19.16		20.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	19.28	19.35	19.25	20.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	19.26	19.20	19.23	20.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	19.19	19.29	19.17	20.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	19.19	19.32	19.19	20.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	19.22	19.22	19.21	20.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	19.14	19.22	19.18	20.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	19.26	19.21	19.19	20.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	19.26	19.29	19.16	20.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	19.23	19.30	19.17	20.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	19.13	19.25	19.18	20.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	19.15	19.27	19.13	20.50

【FR1 n77 (270)_FCC_Part 270
(3700~3980MHz)_HPUE_Ant 9_DSI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	20.11	20.15	20.13	20.50
100	PI/2 BPSK	1	137	19.85	19.97	19.94	20.50
100	PI/2 BPSK	1	271	19.94	20.07	20.00	20.50
100	PI/2 BPSK	135	0	19.98	20.03	19.92	20.50
100	PI/2 BPSK	135	69	20.02	20.10	19.94	20.50
100	PI/2 BPSK	135	138	19.82	19.94	19.85	20.50
100	PI/2 BPSK	270	0	19.91	20.05	19.91	20.50
100	QPSK	1	1	19.78	19.93	19.82	20.50
100	QPSK	1	137	19.93	20.10	20.02	20.50
100	QPSK	1	271	19.80	19.94	19.87	20.50
100	QPSK	135	0	19.70	19.78	19.62	20.50
100	QPSK	135	69	19.99	20.10	19.94	20.50
100	QPSK	135	138	20.00	20.12	20.06	20.50
100	QPSK	270	0	19.97	20.02	19.92	20.50
100	16QAM	1	1	19.81	19.89	19.77	20.50
100	64QAM	1	1	19.69	19.77	19.61	20.50
100	256QAM	1	1	19.86	20.02	19.95	20.50
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	20.04	20.07	20.07	20.50
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	20.09	20.04	20.08	20.50
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	20.08	20.08	20.00	20.50

Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	20.02	20.03	20.06	20.50
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	19.99	20.10	20.03	20.50
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	20.05	20.10	20.04	20.50
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	20.02	20.10	20.02	20.50
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	20.05	20.05	20.04	20.50
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	19.96	20.00	20.02	20.50
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	20.04	20.04	20.11	20.50
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	19.97	20.03	20.00	20.50

【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant
10_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		24.95		26.00
100	PI/2 BPSK	1	137		24.89		26.00
100	PI/2 BPSK	1	271		24.81		26.00
100	PI/2 BPSK	135	0		24.87		26.00
100	PI/2 BPSK	135	69		24.90		26.00
100	PI/2 BPSK	135	138		24.88		26.00
100	PI/2 BPSK	270	0		24.84		26.00
100	QPSK	1	1		24.82		26.00
100	QPSK	1	137		24.76		26.00
100	QPSK	1	271		24.92		26.00
100	QPSK	135	0		24.92		26.00
100	QPSK	135	69		24.87		26.00
100	QPSK	135	138		24.87		26.00
100	QPSK	270	0		24.82		26.00
100	16QAM	1	1		24.90		26.00
100	64QAM	1	1		24.48		25.50
100	256QAM	1	1		22.38		23.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	24.87	24.94	24.90	26.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	24.76	24.88	24.76	26.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	24.83	24.90	24.79	26.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	24.84	24.92	24.89	26.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	24.79	24.86	24.86	26.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	24.82	24.87	24.83	26.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	24.74	24.80	24.81	26.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	24.74	24.85	24.80	26.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)

20	PI/2 BPSK	1	1	24.75	24.80	24.85	26.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	24.76	24.91	24.85	26.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	24.83	24.80	24.86	26.00

【FR1 n77 (270)_FCC_Part 270 (3700~3980MHz)_Ant
10_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	656000	662000	Tune-up limit
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	24.63	24.79	24.77	26.00
100	PI/2 BPSK	1	137	24.51	24.72	24.68	26.00
100	PI/2 BPSK	1	271	24.46	24.68	24.64	26.00
100	PI/2 BPSK	135	0	24.46	24.69	24.53	26.00
100	PI/2 BPSK	135	69	24.51	24.73	24.63	26.00
100	PI/2 BPSK	135	138	24.45	24.72	24.59	26.00
100	PI/2 BPSK	270	0	24.41	24.69	24.55	26.00
100	QPSK	1	1	24.40	24.57	24.46	26.00
100	QPSK	1	137	24.45	24.67	24.61	26.00
100	QPSK	1	271	24.42	24.65	24.61	26.00
100	QPSK	135	0	24.51	24.72	24.67	26.00
100	QPSK	135	69	24.30	24.58	24.45	26.00
100	QPSK	135	138	24.48	24.74	24.66	26.00
100	QPSK	270	0	24.30	24.58	24.49	26.00
100	16QAM	1	1	24.52	24.72	24.61	26.00
100	64QAM	1	1	24.13	24.38	24.22	25.50
100	256QAM	1	1	22.08	22.33	22.24	23.50
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	24.52	24.70	24.64	26.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	24.53	24.74	24.64	26.00
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	24.59	24.73	24.65	26.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	24.52	24.73	24.65	26.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	24.59	24.71	24.66	26.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	24.51	24.71	24.66	26.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	24.50	24.65	24.69	26.00
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	24.54	24.77	24.71	26.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	24.51	24.74	24.75	26.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	24.49	24.65	24.66	26.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	24.58	24.77	24.69	26.00

【FR1 n77 (27Q)_FCC_Part 27Q
(3450~3550MHz)_HPUE_Ant 10_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		26.80		28.00
100	PI/2 BPSK	1	137		26.65		28.00
100	PI/2 BPSK	1	271		26.80		28.00
100	PI/2 BPSK	135	0		26.18		27.50
100	PI/2 BPSK	135	69		26.72		28.00
100	PI/2 BPSK	135	138		26.20		27.50
100	PI/2 BPSK	270	0		26.21		27.50
100	QPSK	1	1		26.76		28.00
100	QPSK	1	137		26.60		28.00
100	QPSK	1	271		26.78		28.00
100	QPSK	135	0		25.68		27.00
100	QPSK	135	69		26.55		28.00
100	QPSK	135	138		25.73		27.00
100	QPSK	270	0		25.74		27.00
100	16QAM	1	1		25.73		27.00
100	64QAM	1	1		23.75		25.50
100	256QAM	1	1		21.73		23.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	26.63	26.65	26.60	28.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	26.57	26.51	26.45	28.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	26.52	26.53	26.50	28.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	26.55	26.57	26.56	28.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	26.52	26.60	26.46	28.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	26.61	26.52	26.51	28.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	26.54	26.57	26.55	28.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	26.51	26.55	26.56	28.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	26.58	26.58	26.49	28.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	26.56	26.55	26.50	28.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	26.55	26.57	26.57	28.00

【FR1 n77 (27O)_FCC_Part 27O
(3700~3980MHz)_HPUE_Ant 10_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	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	26.77	26.87	26.73	28.00
100	PI/2 BPSK	1	137	26.64	26.85	26.60	28.00
100	PI/2 BPSK	1	271	26.60	26.82	26.61	28.00
100	PI/2 BPSK	135	0	26.01	26.15	25.97	27.50
100	PI/2 BPSK	135	69	26.58	26.82	26.56	28.00
100	PI/2 BPSK	135	138	25.88	26.05	25.88	27.50
100	PI/2 BPSK	270	0	25.97	26.17	26.00	27.50
100	QPSK	1	1	26.28	26.42	26.17	28.00

100	QPSK	1	137	26.33	26.48	26.25	28.00
100	QPSK	1	271	26.52	26.73	26.49	28.00
100	QPSK	135	0	25.69	25.84	25.57	27.00
100	QPSK	135	69	26.34	26.57	26.32	28.00
100	QPSK	135	138	25.38	25.49	25.24	27.00
100	QPSK	270	0	25.54	25.68	25.45	27.00
100	16QAM	1	1	25.79	25.92	25.73	27.00
100	64QAM	1	1	24.31	24.43	24.26	25.50
100	256QAM	1	1	22.28	22.42	22.24	23.50
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	26.74	26.84	26.70	28.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	26.72	26.73	26.61	28.00
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	26.70	26.73	26.66	28.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	26.62	26.82	26.67	28.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	26.72	26.84	26.61	28.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	26.70	26.82	26.58	28.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	26.73	26.81	26.66	28.00
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	26.63	26.82	26.68	28.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	26.68	26.86	26.64	28.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	26.65	26.77	26.67	28.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	26.66	26.73	26.62	28.00

【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant
10_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		14.96		16.00
100	PI/2 BPSK	1	137		14.95		16.00
100	PI/2 BPSK	1	271		14.77		16.00
100	PI/2 BPSK	135	0		14.87		16.00
100	PI/2 BPSK	135	69		14.94		16.00
100	PI/2 BPSK	135	138		14.90		16.00
100	PI/2 BPSK	270	0		14.93		16.00
100	QPSK	1	1		14.92		16.00
100	QPSK	1	137		14.78		16.00
100	QPSK	1	271		14.92		16.00
100	QPSK	135	0		14.82		16.00
100	QPSK	135	69		14.81		16.00
100	QPSK	135	138		14.84		16.00
100	QPSK	270	0		14.84		16.00
100	16QAM	1	1		14.77		16.00
100	64QAM	1	1		14.83		16.00
100	256QAM	1	1		14.82		16.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	14.86	14.89	14.79	16.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	14.84	14.85	14.71	16.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)

70	PI/2 BPSK	1	1	14.72	14.77	14.68	16.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	14.73	14.79	14.76	16.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	14.80	14.87	14.71	16.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	14.83	14.85	14.72	16.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	14.81	14.75	14.77	16.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	14.77	14.79	14.66	16.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	14.84	14.75	14.72	16.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	14.79	14.88	14.72	16.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	14.76	14.83	14.72	16.00

【FR1 n77 (270)_FCC_Part 270 (3700~3980MHz)_Ant
10_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	14.68	14.79	14.71	16.00
100	PI/2 BPSK	1	137	14.44	14.69	14.48	16.00
100	PI/2 BPSK	1	271	14.57	14.74	14.58	16.00
100	PI/2 BPSK	135	0	14.50	14.75	14.65	16.00
100	PI/2 BPSK	135	69	14.64	14.77	14.66	16.00
100	PI/2 BPSK	135	138	14.58	14.70	14.54	16.00
100	PI/2 BPSK	270	0	14.52	14.72	14.62	16.00
100	QPSK	1	1	14.56	14.80	14.59	16.00
100	QPSK	1	137	14.66	14.80	14.68	16.00
100	QPSK	1	271	14.46	14.59	14.48	16.00
100	QPSK	135	0	14.58	14.79	14.67	16.00
100	QPSK	135	69	14.44	14.58	14.48	16.00
100	QPSK	135	138	14.44	14.66	14.56	16.00
100	QPSK	270	0	14.38	14.60	14.50	16.00
100	16QAM	1	1	14.43	14.68	14.59	16.00
100	64QAM	1	1	14.42	14.61	14.49	16.00
100	256QAM	1	1	14.38	14.63	14.54	16.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	14.60	14.69	14.60	16.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	14.64	14.65	14.62	16.00
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	14.67	14.76	14.67	16.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	14.59	14.72	14.65	16.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	14.54	14.70	14.62	16.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	14.62	14.77	14.56	16.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	14.59	14.73	14.68	16.00
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	14.57	14.65	14.63	16.00
Channel				647334	656000	664666	Tune-up limit

Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	14.55	14.70	14.64	16.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	14.66	14.77	14.64	16.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	14.60	14.70	14.65	16.00

【FR1 n77 (27Q)___FCC_Part 27Q (3450~3550MHz)_Ant
10_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		16.45		17.50
100	PI/2 BPSK	1	137		16.27		17.50
100	PI/2 BPSK	1	271		16.24		17.50
100	PI/2 BPSK	135	0		16.33		17.50
100	PI/2 BPSK	135	69		16.44		17.50
100	PI/2 BPSK	135	138		16.41		17.50
100	PI/2 BPSK	270	0		16.39		17.50
100	QPSK	1	1		16.45		17.50
100	QPSK	1	137		16.24		17.50
100	QPSK	1	271		16.41		17.50
100	QPSK	135	0		16.25		17.50
100	QPSK	135	69		16.38		17.50
100	QPSK	135	138		16.36		17.50
100	QPSK	270	0		16.41		17.50
100	16QAM	1	1		16.39		17.50
100	64QAM	1	1		16.39		17.50
100	256QAM	1	1		16.30		17.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	16.38	16.41	16.36	17.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	16.29	16.39	16.34	17.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	16.26	16.31	16.21	17.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	16.30	16.27	16.31	17.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	16.30	16.35	16.27	17.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	16.28	16.40	16.34	17.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	16.35	16.27	16.30	17.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	16.29	16.40	16.32	17.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	16.27	16.32	16.21	17.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	16.36	16.27	16.34	17.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	16.34	16.37	16.35	17.50

【FR1 n77 (27O)___FCC_Part 27O (3700~3980MHz)_Ant
10_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)
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Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	16.25	16.29	16.22	17.50
100	PI/2 BPSK	1	137	16.12	16.26	16.17	17.50
100	PI/2 BPSK	1	271	16.08	16.26	16.09	17.50
100	PI/2 BPSK	135	0	16.04	16.13	16.03	17.50
100	PI/2 BPSK	135	69	16.11	16.18	16.09	17.50
100	PI/2 BPSK	135	138	15.90	16.08	15.98	17.50
100	PI/2 BPSK	270	0	16.03	16.17	16.00	17.50
100	QPSK	1	1	16.15	16.28	16.10	17.50
100	QPSK	1	137	16.01	16.19	15.98	17.50
100	QPSK	1	271	16.02	16.17	16.03	17.50
100	QPSK	135	0	15.97	16.15	15.99	17.50
100	QPSK	135	69	16.15	16.29	16.20	17.50
100	QPSK	135	138	16.05	16.14	16.06	17.50
100	QPSK	270	0	16.12	16.26	16.14	17.50
100	16QAM	1	1	16.08	16.14	15.97	17.50
100	64QAM	1	1	16.16	16.28	16.18	17.50
100	256QAM	1	1	16.16	16.26	16.17	17.50
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	16.18	16.18	16.15	17.50
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	16.14	16.15	16.07	17.50
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	16.18	16.26	16.19	17.50
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	16.14	16.28	16.17	17.50
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	16.24	16.24	16.14	17.50
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	16.12	16.21	16.16	17.50
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	16.22	16.20	16.08	17.50
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	16.13	16.22	16.18	17.50
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	16.12	16.20	16.18	17.50
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	16.23	16.22	16.08	17.50
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	16.23	16.18	16.20	17.50

【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 10_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		16.45		17.50
100	PI/2 BPSK	1	137		16.27		17.50
100	PI/2 BPSK	1	271		16.24		17.50
100	PI/2 BPSK	135	0		16.33		17.50
100	PI/2 BPSK	135	69		16.44		17.50
100	PI/2 BPSK	135	138		16.41		17.50
100	PI/2 BPSK	270	0		16.39		17.50
100	QPSK	1	1		16.45		17.50
100	QPSK	1	137		16.24		17.50
100	QPSK	1	271		16.41		17.50
100	QPSK	135	0		16.25		17.50
100	QPSK	135	69		16.38		17.50
100	QPSK	135	138		16.36		17.50
100	QPSK	270	0		16.41		17.50
100	16QAM	1	1		16.39		17.50

100	64QAM	1	1		16.39		17.50
100	256QAM	1	1		16.30		17.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	16.38	16.41	16.36	17.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	16.29	16.39	16.34	17.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	16.26	16.31	16.21	17.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	16.30	16.27	16.31	17.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	16.30	16.35	16.27	17.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	16.28	16.40	16.34	17.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	16.35	16.27	16.30	17.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	16.29	16.40	16.32	17.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	16.27	16.32	16.21	17.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	16.36	16.27	16.34	17.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	16.34	16.37	16.35	17.50

【FR1 n77 (270)_FCC_Part 270 (3700~3980MHz)_Ant
10_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	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	16.25	16.29	16.22	17.50
100	PI/2 BPSK	1	137	16.12	16.26	16.17	17.50
100	PI/2 BPSK	1	271	16.08	16.26	16.09	17.50
100	PI/2 BPSK	135	0	16.04	16.13	16.03	17.50
100	PI/2 BPSK	135	69	16.11	16.18	16.09	17.50
100	PI/2 BPSK	135	138	15.90	16.08	15.98	17.50
100	PI/2 BPSK	270	0	16.03	16.17	16.00	17.50
100	QPSK	1	1	16.15	16.28	16.10	17.50
100	QPSK	1	137	16.01	16.19	15.98	17.50
100	QPSK	1	271	16.02	16.17	16.03	17.50
100	QPSK	135	0	15.97	16.15	15.99	17.50
100	QPSK	135	69	16.15	16.29	16.20	17.50
100	QPSK	135	138	16.05	16.14	16.06	17.50
100	QPSK	270	0	16.12	16.26	16.14	17.50
100	16QAM	1	1	16.08	16.14	15.97	17.50
100	64QAM	1	1	16.16	16.28	16.18	17.50
100	256QAM	1	1	16.16	16.26	16.17	17.50
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	16.18	16.18	16.15	17.50
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	16.14	16.15	16.07	17.50
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	16.18	16.26	16.19	17.50
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	16.14	16.28	16.17	17.50
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	16.24	16.24	16.14	17.50

Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	16.12	16.21	16.16	17.50
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	16.22	16.20	16.08	17.50
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	16.13	16.22	16.18	17.50
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	16.12	16.20	16.18	17.50
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	16.23	16.22	16.08	17.50
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	16.23	16.18	16.20	17.50

【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant
10_DSI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		14.96		16.00
100	PI/2 BPSK	1	137		14.95		16.00
100	PI/2 BPSK	1	271		14.77		16.00
100	PI/2 BPSK	135	0		14.87		16.00
100	PI/2 BPSK	135	69		14.94		16.00
100	PI/2 BPSK	135	138		14.90		16.00
100	PI/2 BPSK	270	0		14.93		16.00
100	QPSK	1	1		14.92		16.00
100	QPSK	1	137		14.78		16.00
100	QPSK	1	271		14.92		16.00
100	QPSK	135	0		14.82		16.00
100	QPSK	135	69		14.81		16.00
100	QPSK	135	138		14.84		16.00
100	QPSK	270	0		14.84		16.00
100	16QAM	1	1		14.77		16.00
100	64QAM	1	1		14.83		16.00
100	256QAM	1	1		14.82		16.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	14.86	14.89	14.79	16.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	14.84	14.85	14.71	16.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	14.72	14.77	14.68	16.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	14.73	14.79	14.76	16.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	14.80	14.87	14.71	16.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	14.83	14.85	14.72	16.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	14.81	14.75	14.77	16.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	14.77	14.79	14.66	16.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	14.84	14.75	14.72	16.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	14.79	14.88	14.72	16.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)

10	PI/2 BPSK	1	1	14.76	14.83	14.72	16.00
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【FR1 n77 (270)_FCC_Part 270 (3700~3980MHz)_Ant
10_DSI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	14.68	14.79	14.71	16.00
100	PI/2 BPSK	1	137	14.44	14.69	14.48	16.00
100	PI/2 BPSK	1	271	14.57	14.74	14.58	16.00
100	PI/2 BPSK	135	0	14.50	14.75	14.65	16.00
100	PI/2 BPSK	135	69	14.64	14.77	14.66	16.00
100	PI/2 BPSK	135	138	14.58	14.70	14.54	16.00
100	PI/2 BPSK	270	0	14.52	14.72	14.62	16.00
100	QPSK	1	1	14.56	14.80	14.59	16.00
100	QPSK	1	137	14.66	14.80	14.68	16.00
100	QPSK	1	271	14.46	14.59	14.48	16.00
100	QPSK	135	0	14.58	14.79	14.67	16.00
100	QPSK	135	69	14.44	14.58	14.48	16.00
100	QPSK	135	138	14.44	14.66	14.56	16.00
100	QPSK	270	0	14.38	14.60	14.50	16.00
100	16QAM	1	1	14.43	14.68	14.59	16.00
100	64QAM	1	1	14.42	14.61	14.49	16.00
100	256QAM	1	1	14.38	14.63	14.54	16.00
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	14.60	14.69	14.60	16.00
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	14.64	14.65	14.62	16.00
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	14.67	14.76	14.67	16.00
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	14.59	14.72	14.65	16.00
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	14.54	14.70	14.62	16.00
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	14.62	14.77	14.56	16.00
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	14.59	14.73	14.68	16.00
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	14.57	14.65	14.63	16.00
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	14.55	14.70	14.64	16.00
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	14.66	14.77	14.64	16.00
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	14.60	14.70	14.65	16.00

【FR1 n77 (27Q)_FCC_Part 27Q
(3450~3550MHz)_HPUE_Ant 10_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		17.91		19.00
100	PI/2 BPSK	1	137		17.72		19.00
100	PI/2 BPSK	1	271		17.77		19.00
100	PI/2 BPSK	135	0		17.84		19.00
100	PI/2 BPSK	135	69		17.89		19.00

100	PI/2 BPSK	135	138		17.88		19.00
100	PI/2 BPSK	270	0		17.87		19.00
100	QPSK	1	1		17.75		19.00
100	QPSK	1	137		17.69		19.00
100	QPSK	1	271		17.89		19.00
100	QPSK	135	0		17.71		19.00
100	QPSK	135	69		17.68		19.00
100	QPSK	135	138		17.80		19.00
100	QPSK	270	0		17.71		19.00
100	16QAM	1	1		17.74		19.00
100	64QAM	1	1		17.72		19.00
100	256QAM	1	1		17.87		19.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	17.79	17.86	17.81	19.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	17.74	17.81	17.69	19.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	17.74	17.72	17.73	19.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	17.73	17.81	17.66	19.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	17.72	17.79	17.68	19.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	17.74	17.83	17.74	19.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	17.76	17.74	17.71	19.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	17.72	17.71	17.67	19.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	17.73	17.78	17.76	19.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	17.66	17.82	17.73	19.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	17.77	17.74	17.67	19.00

【FR1 n77 (270)_FCC_Part 270
(3700~3980MHz)_HPUE_Ant 10_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	17.71	17.78	17.74	19.00
100	PI/2 BPSK	1	137	17.55	17.71	17.57	19.00
100	PI/2 BPSK	1	271	17.35	17.57	17.50	19.00
100	PI/2 BPSK	135	0	17.35	17.55	17.41	19.00
100	PI/2 BPSK	135	69	17.54	17.76	17.61	19.00
100	PI/2 BPSK	135	138	17.52	17.69	17.50	19.00
100	PI/2 BPSK	270	0	17.52	17.74	17.59	19.00
100	QPSK	1	1	17.54	17.70	17.52	19.00
100	QPSK	1	137	17.48	17.64	17.51	19.00
100	QPSK	1	271	17.55	17.66	17.53	19.00
100	QPSK	135	0	17.45	17.64	17.50	19.00
100	QPSK	135	69	17.42	17.61	17.44	19.00
100	QPSK	135	138	17.66	17.75	17.67	19.00
100	QPSK	270	0	17.33	17.53	17.46	19.00
100	16QAM	1	1	17.61	17.72	17.64	19.00
100	64QAM	1	1	17.46	17.61	17.44	19.00
100	256QAM	1	1	17.58	17.67	17.55	19.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	17.60	17.65	17.67	19.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)

80	PI/2 BPSK	1	1	17.61	17.73	17.62	19.00
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	17.66	17.77	17.71	19.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	17.63	17.64	17.67	19.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	17.59	17.66	17.67	19.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	17.66	17.63	17.59	19.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	17.65	17.64	17.68	19.00
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	17.58	17.65	17.67	19.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	17.61	17.69	17.71	19.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	17.61	17.67	17.59	19.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	17.61	17.75	17.62	19.00

【FR1 n77 (27Q)_FCC_Part 27Q
(3450~3550MHz)_HPUE_Ant 10_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		19.39		20.50
100	PI/2 BPSK	1	137		19.27		20.50
100	PI/2 BPSK	1	271		19.31		20.50
100	PI/2 BPSK	135	0		19.33		20.50
100	PI/2 BPSK	135	69		19.37		20.50
100	PI/2 BPSK	135	138		19.20		20.50
100	PI/2 BPSK	270	0		19.35		20.50
100	QPSK	1	1		19.19		20.50
100	QPSK	1	137		19.39		20.50
100	QPSK	1	271		19.33		20.50
100	QPSK	135	0		19.38		20.50
100	QPSK	135	69		19.31		20.50
100	QPSK	135	138		19.24		20.50
100	QPSK	270	0		19.26		20.50
100	16QAM	1	1		19.20		20.50
100	64QAM	1	1		19.30		20.50
100	256QAM	1	1		19.36		20.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	19.27	19.31	19.21	20.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	19.26	19.19	19.12	20.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	19.25	19.22	19.15	20.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	19.22	19.22	19.17	20.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	19.19	19.18	19.20	20.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	19.19	19.28	19.14	20.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	19.25	19.29	19.08	20.50
Channel				630834	633332	635832	Tune-up limit

	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	19.22	19.25	19.17	20.50
	Channel			630668	633332	636000	Tune-up limit
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	19.24	19.23	19.16	20.50
	Channel			630500	633332	636166	Tune-up limit
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	19.22	19.27	19.11	20.50
	Channel			630334	633332	636332	Tune-up limit
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	19.26	19.20	19.14	20.50

【FR1 n77 (27Q)_FCC_Part 27Q
(3700~3980MHz)_HPUE_Ant 10_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	656000	662000	
	Frequency (MHz)			3750	3840	3930	
100	PI/2 BPSK	1	1	19.26	19.29	19.24	20.50
100	PI/2 BPSK	1	137	18.93	19.10	18.94	20.50
100	PI/2 BPSK	1	271	18.91	19.05	18.96	20.50
100	PI/2 BPSK	135	0	19.11	19.26	19.19	20.50
100	PI/2 BPSK	135	69	19.17	19.27	19.21	20.50
100	PI/2 BPSK	135	138	19.03	19.21	19.12	20.50
100	PI/2 BPSK	270	0	18.95	19.10	19.04	20.50
100	QPSK	1	1	19.01	19.12	19.03	20.50
100	QPSK	1	137	19.08	19.18	19.11	20.50
100	QPSK	1	271	19.15	19.19	19.05	20.50
100	QPSK	135	0	19.14	19.21	19.12	20.50
100	QPSK	135	69	18.91	19.09	18.96	20.50
100	QPSK	135	138	19.05	19.18	19.02	20.50
100	QPSK	270	0	19.01	19.16	19.01	20.50
100	16QAM	1	1	19.09	19.26	19.17	20.50
100	64QAM	1	1	18.97	19.09	18.92	20.50
100	256QAM	1	1	18.92	19.10	18.93	20.50
	Channel			649668	656000	662332	Tune-up limit
	Frequency (MHz)			3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	19.19	19.16	19.12	20.50
	Channel			649334	656000	662666	Tune-up limit
	Frequency (MHz)			3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	19.16	19.23	19.13	20.50
	Channel			649000	656000	663000	Tune-up limit
	Frequency (MHz)			3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	19.15	19.16	19.20	20.50
	Channel			648668	656000	663332	Tune-up limit
	Frequency (MHz)			3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	19.21	19.17	19.14	20.50
	Channel			648334	656000	663666	Tune-up limit
	Frequency (MHz)			3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	19.24	19.23	19.16	20.50
	Channel			648000	656000	664000	Tune-up limit
	Frequency (MHz)			3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	19.15	19.15	19.21	20.50
	Channel			647668	656000	664332	Tune-up limit
	Frequency (MHz)			3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	19.12	19.27	19.16	20.50
	Channel			647500	656000	664500	Tune-up limit
	Frequency (MHz)			3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	19.19	19.22	19.22	20.50
	Channel			647334	656000	664666	Tune-up limit
	Frequency (MHz)			3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	19.24	19.17	19.18	20.50
	Channel			647168	656000	664832	Tune-up limit
	Frequency (MHz)			3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	19.18	19.19	19.15	20.50
	Channel			647000	656000	665000	Tune-up limit
	Frequency (MHz)			3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	19.14	19.17	19.16	20.50

【FR1 n77 (27Q)_FCC_Part 27Q
(3450~3550MHz)_HPUE_Ant 10_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		19.39		20.50
100	PI/2 BPSK	1	137		19.27		20.50
100	PI/2 BPSK	1	271		19.31		20.50
100	PI/2 BPSK	135	0		19.33		20.50
100	PI/2 BPSK	135	69		19.37		20.50
100	PI/2 BPSK	135	138		19.20		20.50
100	PI/2 BPSK	270	0		19.35		20.50
100	QPSK	1	1		19.19		20.50
100	QPSK	1	137		19.39		20.50
100	QPSK	1	271		19.33		20.50
100	QPSK	135	0		19.38		20.50
100	QPSK	135	69		19.31		20.50
100	QPSK	135	138		19.24		20.50
100	QPSK	270	0		19.26		20.50
100	16QAM	1	1		19.20		20.50
100	64QAM	1	1		19.30		20.50
100	256QAM	1	1		19.36		20.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	19.27	19.31	19.21	20.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	19.26	19.19	19.12	20.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	19.25	19.22	19.15	20.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	19.22	19.22	19.17	20.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	19.19	19.18	19.20	20.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	19.19	19.28	19.14	20.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	19.25	19.29	19.08	20.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	19.22	19.25	19.17	20.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	19.24	19.23	19.16	20.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	19.22	19.27	19.11	20.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	19.26	19.20	19.14	20.50

【FR1 n77 (27O) _FCC_Part 27O
(3700~3980MHz)_HPUE_Ant 10_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	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	19.26	19.29	19.24	20.50
100	PI/2 BPSK	1	137	18.93	19.10	18.94	20.50
100	PI/2 BPSK	1	271	18.91	19.05	18.96	20.50
100	PI/2 BPSK	135	0	19.11	19.26	19.19	20.50
100	PI/2 BPSK	135	69	19.17	19.27	19.21	20.50
100	PI/2 BPSK	135	138	19.03	19.21	19.12	20.50
100	PI/2 BPSK	270	0	18.95	19.10	19.04	20.50
100	QPSK	1	1	19.01	19.12	19.03	20.50
100	QPSK	1	137	19.08	19.18	19.11	20.50
100	QPSK	1	271	19.15	19.19	19.05	20.50
100	QPSK	135	0	19.14	19.21	19.12	20.50
100	QPSK	135	69	18.91	19.09	18.96	20.50
100	QPSK	135	138	19.05	19.18	19.02	20.50
100	QPSK	270	0	19.01	19.16	19.01	20.50
100	16QAM	1	1	19.09	19.26	19.17	20.50
100	64QAM	1	1	18.97	19.09	18.92	20.50
100	256QAM	1	1	18.92	19.10	18.93	20.50
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	19.19	19.16	19.12	20.50
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	19.16	19.23	19.13	20.50
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	19.15	19.16	19.20	20.50
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	19.21	19.17	19.14	20.50
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	19.24	19.23	19.16	20.50
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	19.15	19.15	19.21	20.50
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	19.12	19.27	19.16	20.50
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	19.19	19.22	19.22	20.50
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	19.24	19.17	19.18	20.50
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	19.18	19.19	19.15	20.50
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	19.14	19.17	19.16	20.50

【FR1 n77 (27Q) _FCC_Part 27Q
(3450~3550MHz)_HPUE_Ant 10_DSI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		17.91		19.00
100	PI/2 BPSK	1	137		17.72		19.00
100	PI/2 BPSK	1	271		17.77		19.00
100	PI/2 BPSK	135	0		17.84		19.00
100	PI/2 BPSK	135	69		17.89		19.00
100	PI/2 BPSK	135	138		17.88		19.00
100	PI/2 BPSK	270	0		17.87		19.00
100	QPSK	1	1		17.75		19.00

100	QPSK	1	137		17.69		19.00
100	QPSK	1	271		17.89		19.00
100	QPSK	135	0		17.71		19.00
100	QPSK	135	69		17.68		19.00
100	QPSK	135	138		17.80		19.00
100	QPSK	270	0		17.71		19.00
100	16QAM	1	1		17.74		19.00
100	64QAM	1	1		17.72		19.00
100	256QAM	1	1		17.87		19.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	17.79	17.86	17.81	19.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	17.74	17.81	17.69	19.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	17.74	17.72	17.73	19.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	17.73	17.81	17.66	19.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	17.72	17.79	17.68	19.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	17.74	17.83	17.74	19.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	17.76	17.74	17.71	19.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	17.72	17.71	17.67	19.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	17.73	17.78	17.76	19.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	17.66	17.82	17.73	19.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	17.77	17.74	17.67	19.00

【FR1 n77 (270)_FCC_Part 270
(3700~3980MHz)_HPUE_Ant 10_DSI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	17.71	17.78	17.74	19.00
100	PI/2 BPSK	1	137	17.55	17.71	17.57	19.00
100	PI/2 BPSK	1	271	17.35	17.57	17.50	19.00
100	PI/2 BPSK	135	0	17.35	17.55	17.41	19.00
100	PI/2 BPSK	135	69	17.54	17.76	17.61	19.00
100	PI/2 BPSK	135	138	17.52	17.69	17.50	19.00
100	PI/2 BPSK	270	0	17.52	17.74	17.59	19.00
100	QPSK	1	1	17.54	17.70	17.52	19.00
100	QPSK	1	137	17.48	17.64	17.51	19.00
100	QPSK	1	271	17.55	17.66	17.53	19.00
100	QPSK	135	0	17.45	17.64	17.50	19.00
100	QPSK	135	69	17.42	17.61	17.44	19.00
100	QPSK	135	138	17.66	17.75	17.67	19.00
100	QPSK	270	0	17.33	17.53	17.46	19.00
100	16QAM	1	1	17.61	17.72	17.64	19.00
100	64QAM	1	1	17.46	17.61	17.44	19.00
100	256QAM	1	1	17.58	17.67	17.55	19.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	17.60	17.65	17.67	19.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	17.61	17.73	17.62	19.00
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)

70	PI/2 BPSK	1	1	17.66	17.77	17.71	19.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	17.63	17.64	17.67	19.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	17.59	17.66	17.67	19.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	17.66	17.63	17.59	19.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	17.65	17.64	17.68	19.00
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	17.58	17.65	17.67	19.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	17.61	17.69	17.71	19.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	17.61	17.67	17.59	19.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	17.61	17.75	17.62	19.00

【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant
11_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		23.60		25.50
100	PI/2 BPSK	1	137		23.59		25.50
100	PI/2 BPSK	1	271		23.54		25.50
100	PI/2 BPSK	135	0		23.47		25.50
100	PI/2 BPSK	135	69		23.55		25.50
100	PI/2 BPSK	135	138		23.52		25.50
100	PI/2 BPSK	270	0		23.51		25.50
100	QPSK	1	1		23.60		25.50
100	QPSK	1	137		23.64		25.50
100	QPSK	1	271		23.54		25.50
100	QPSK	135	0		23.50		25.50
100	QPSK	135	69		23.64		25.50
100	QPSK	135	138		23.47		25.50
100	QPSK	270	0		23.70		25.50
100	16QAM	1	1		23.56		25.50
100	64QAM	1	1		22.98		25.00
100	256QAM	1	1		20.93		23.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	23.53	23.59	23.55	25.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	23.39	23.47	23.49	25.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	23.43	23.51	23.49	25.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	23.46	23.55	23.41	25.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	23.43	23.50	23.49	25.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	23.44	23.55	23.45	25.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	23.50	23.57	23.42	25.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	23.45	23.56	23.52	25.50
Channel				630668	633332	636000	Tune-up limit

Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	23.48	23.46	23.51	25.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	23.52	23.48	23.46	25.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	23.48	23.57	23.51	25.50

【FR1 n77 (270)_FCC_Part 270 (3700~3980MHz)_Ant
11_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	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	23.76	24.06	24.01	25.50
100	PI/2 BPSK	1	137	23.53	23.87	23.71	25.50
100	PI/2 BPSK	1	271	23.66	24.01	23.91	25.50
100	PI/2 BPSK	135	0	23.62	24.03	23.94	25.50
100	PI/2 BPSK	135	69	23.68	24.05	23.88	25.50
100	PI/2 BPSK	135	138	23.71	24.02	23.92	25.50
100	PI/2 BPSK	270	0	23.65	23.97	23.79	25.50
100	QPSK	1	1	23.53	23.97	23.84	25.50
100	QPSK	1	137	23.66	24.07	23.93	25.50
100	QPSK	1	271	23.67	24.03	23.86	25.50
100	QPSK	135	0	23.69	24.00	23.85	25.50
100	QPSK	135	69	23.63	24.07	23.93	25.50
100	QPSK	135	138	23.54	23.88	23.80	25.50
100	QPSK	270	0	23.72	24.09	23.89	25.50
100	16QAM	1	1	23.64	24.00	23.84	25.50
100	64QAM	1	1	23.23	23.59	23.39	25.00
100	256QAM	1	1	21.32	21.68	21.51	23.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	23.98	24.03	23.96	25.50
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	23.63	23.91	23.99	25.50
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	23.61	23.95	23.98	25.50
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	23.73	24.00	23.93	25.50
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	23.67	23.94	23.89	25.50
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	23.71	23.92	23.88	25.50
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	23.67	23.98	23.88	25.50
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	23.62	23.96	23.96	25.50
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	23.69	24.04	23.91	25.50
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	23.75	23.92	23.98	25.50
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	23.69	24.04	23.98	25.50

【FR1 n77 (27Q)_FCC_Part 27Q
(3450~3550MHz)_HPUE_Ant 11_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)
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Channel				633332		
Frequency (MHz)				3499.98		
100	PI/2 BPSK	1	1	25.72		27.50
100	PI/2 BPSK	1	137	25.54		27.50
100	PI/2 BPSK	1	271	25.69		27.50
100	PI/2 BPSK	135	0	25.12		27.00
100	PI/2 BPSK	135	69	25.70		27.50
100	PI/2 BPSK	135	138	25.20		27.00
100	PI/2 BPSK	270	0	25.19		27.00
100	QPSK	1	1	25.60		27.50
100	QPSK	1	137	25.51		27.50
100	QPSK	1	271	25.75		27.50
100	QPSK	135	0	24.65		26.50
100	QPSK	135	69	25.51		27.50
100	QPSK	135	138	24.65		26.50
100	QPSK	270	0	24.74		26.50
100	16QAM	1	1	24.73		26.50
100	64QAM	1	1	22.75		25.00
100	256QAM	1	1	20.66		23.00
Channel				633000	633332	633666
Frequency (MHz)				3495	3499.98	3504.99
90	PI/2 BPSK	1	1	25.63	25.69	25.58
Channel				632668	633332	634000
Frequency (MHz)				3490.02	3499.98	3510
80	PI/2 BPSK	1	1	25.49	25.66	25.54
Channel				632334	633332	634332
Frequency (MHz)				3485.01	3499.98	3514.98
70	PI/2 BPSK	1	1	25.56	25.66	25.53
Channel				632000	633332	634666
Frequency (MHz)				3480	3499.98	3519.99
60	PI/2 BPSK	1	1	25.58	25.61	25.47
Channel				631668	633332	635000
Frequency (MHz)				3475.02	3499.98	3525
50	PI/2 BPSK	1	1	25.56	25.65	25.45
Channel				631334	633332	635332
Frequency (MHz)				3470.01	3499.98	3529.98
40	PI/2 BPSK	1	1	25.55	25.67	25.46
Channel				631000	633332	635666
Frequency (MHz)				3465	3499.98	3534.99
30	PI/2 BPSK	1	1	25.54	25.61	25.50
Channel				630834	633332	635832
Frequency (MHz)				3462.51	3499.98	3537.48
25	PI/2 BPSK	1	1	25.49	25.54	25.48
Channel				630668	633332	636000
Frequency (MHz)				3460.02	3499.98	3540
20	PI/2 BPSK	1	1	25.61	25.54	25.47
Channel				630500	633332	636166
Frequency (MHz)				3457.5	3499.98	3542.49
15	PI/2 BPSK	1	1	25.60	25.62	25.44
Channel				630334	633332	636332
Frequency (MHz)				3455.01	3499.98	3544.98
10	PI/2 BPSK	1	1	25.53	25.68	25.51

【FR1 n77 (270)_FCC_Part 270
(3700~3980MHz)_HPUE_Ant 11_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	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	25.60	25.97	25.90	27.50
100	PI/2 BPSK	1	137	25.47	25.95	25.79	27.50
100	PI/2 BPSK	1	271	25.49	25.89	25.78	27.50
100	PI/2 BPSK	135	0	24.81	25.29	25.09	27.00
100	PI/2 BPSK	135	69	25.41	25.85	25.67	27.50
100	PI/2 BPSK	135	138	24.87	25.31	25.10	27.00
100	PI/2 BPSK	270	0	25.06	25.56	25.43	27.00
100	QPSK	1	1	25.26	25.74	25.54	27.50
100	QPSK	1	137	25.18	25.66	25.51	27.50
100	QPSK	1	271	25.26	25.71	25.58	27.50
100	QPSK	135	0	24.41	24.86	24.67	26.50
100	QPSK	135	69	25.25	25.77	25.61	27.50
100	QPSK	135	138	24.48	24.85	24.75	26.50
100	QPSK	270	0	24.51	24.96	24.76	26.50
100	16QAM	1	1	24.57	25.07	24.93	26.50

100	64QAM	1	1	23.16	23.52	23.44	25.00
100	256QAM	1	1	21.28	21.61	21.50	23.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	25.86	25.93	25.88	27.50
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	25.48	25.90	25.86	27.50
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	25.51	25.86	25.86	27.50
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	25.56	25.94	25.75	27.50
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	25.57	25.82	25.81	27.50
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	25.53	25.90	25.82	27.50
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	25.52	25.85	25.79	27.50
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	25.49	25.92	25.87	27.50
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	25.46	25.91	25.80	27.50
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	25.54	25.90	25.75	27.50
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	25.48	25.86	25.86	27.50

【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant
11_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		22.61		24.50
100	PI/2 BPSK	1	137		22.44		24.50
100	PI/2 BPSK	1	271		22.48		24.50
100	PI/2 BPSK	135	0		22.52		24.50
100	PI/2 BPSK	135	69		22.57		24.50
100	PI/2 BPSK	135	138		22.43		24.50
100	PI/2 BPSK	270	0		22.51		24.50
100	QPSK	1	1		22.48		24.50
100	QPSK	1	137		22.49		24.50
100	QPSK	1	271		22.48		24.50
100	QPSK	135	0		22.42		24.50
100	QPSK	135	69		22.45		24.50
100	QPSK	135	138		22.50		24.50
100	QPSK	270	0		22.51		24.50
100	16QAM	1	1		22.46		24.50
100	64QAM	1	1		22.43		24.50
100	256QAM	1	1		20.93		23.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	22.49	22.56	22.43	24.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	22.40	22.45	22.42	24.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	22.43	22.43	22.40	24.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	22.41	22.42	22.31	24.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	22.35	22.52	22.32	24.50

Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	22.40	22.45	22.31	24.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	22.35	22.53	22.42	24.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	22.37	22.55	22.29	24.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	22.37	22.53	22.39	24.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	22.45	22.41	22.35	24.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	22.46	22.55	22.41	24.50

【FR1 n77 (270)_FCC_Part 270 (3700~3980MHz)_Ant
11_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	22.96	23.04	22.86	24.50
100	PI/2 BPSK	1	137	22.77	22.99	22.72	24.50
100	PI/2 BPSK	1	271	22.80	22.96	22.66	24.50
100	PI/2 BPSK	135	0	22.78	23.01	22.69	24.50
100	PI/2 BPSK	135	69	23.03	23.22	22.99	24.50
100	PI/2 BPSK	135	138	22.78	22.90	22.66	24.50
100	PI/2 BPSK	270	0	22.87	23.01	22.78	24.50
100	QPSK	1	1	22.90	22.99	22.71	24.50
100	QPSK	1	137	22.76	22.87	22.68	24.50
100	QPSK	1	271	22.81	23.02	22.78	24.50
100	QPSK	135	0	22.86	22.98	22.71	24.50
100	QPSK	135	69	22.83	22.96	22.71	24.50
100	QPSK	135	138	22.83	22.95	22.63	24.50
100	QPSK	270	0	22.76	22.89	22.65	24.50
100	16QAM	1	1	22.75	22.96	22.65	24.50
100	64QAM	1	1	22.85	22.96	22.69	24.50
100	256QAM	1	1	21.32	21.68	21.51	23.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	22.82	22.91	22.78	24.50
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	22.94	23.01	22.75	24.50
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	22.94	22.96	22.76	24.50
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	22.91	23.01	22.73	24.50
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	22.91	22.95	22.72	24.50
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	22.83	22.97	22.76	24.50
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	22.86	22.95	22.74	24.50
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	22.85	22.98	22.84	24.50
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	22.84	22.99	22.80	24.50
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	22.81	22.98	22.84	24.50
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)

10	PI/2 BPSK	1	1	22.83	23.01	22.78	24.50
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【FR1 n77 (27Q)___FCC_Part 27Q (3450~3550MHz)_Ant
11_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		12.81		14.50
100	PI/2 BPSK	1	137		12.80		14.50
100	PI/2 BPSK	1	271		12.72		14.50
100	PI/2 BPSK	135	0		12.76		14.50
100	PI/2 BPSK	135	69		12.79		14.50
100	PI/2 BPSK	135	138		12.76		14.50
100	PI/2 BPSK	270	0		12.78		14.50
100	QPSK	1	1		12.72		14.50
100	QPSK	1	137		12.65		14.50
100	QPSK	1	271		12.62		14.50
100	QPSK	135	0		12.75		14.50
100	QPSK	135	69		12.62		14.50
100	QPSK	135	138		12.73		14.50
100	QPSK	270	0		12.67		14.50
100	16QAM	1	1		12.65		14.50
100	64QAM	1	1		12.71		14.50
100	256QAM	1	1		12.74		14.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	12.73	12.76	12.75	14.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	12.62	12.67	12.65	14.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	12.59	12.70	12.68	14.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	12.63	12.65	12.62	14.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	12.61	12.75	12.62	14.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	12.68	12.74	12.63	14.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	12.60	12.62	12.65	14.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	12.65	12.73	12.66	14.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	12.61	12.68	12.65	14.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	12.67	12.75	12.66	14.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	12.61	12.64	12.62	14.50

【FR1 n77 (270)___FCC_Part 270 (3700~3980MHz)___Ant
11_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	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	12.91	13.11	12.97	14.50
100	PI/2 BPSK	1	137	12.79	13.04	12.78	14.50
100	PI/2 BPSK	1	271	12.61	12.94	12.75	14.50
100	PI/2 BPSK	135	0	12.69	13.04	12.80	14.50
100	PI/2 BPSK	135	69	12.80	13.10	12.87	14.50
100	PI/2 BPSK	135	138	12.71	12.93	12.69	14.50
100	PI/2 BPSK	270	0	12.76	12.98	12.80	14.50
100	QPSK	1	1	12.77	13.11	12.95	14.50
100	QPSK	1	137	12.70	12.95	12.75	14.50
100	QPSK	1	271	12.66	13.00	12.82	14.50
100	QPSK	135	0	12.71	12.99	12.75	14.50
100	QPSK	135	69	12.63	12.90	12.68	14.50
100	QPSK	135	138	12.72	13.06	12.87	14.50
100	QPSK	270	0	12.72	12.97	12.72	14.50
100	16QAM	1	1	12.67	12.93	12.73	14.50
100	64QAM	1	1	12.69	12.92	12.69	14.50
100	256QAM	1	1	12.65	12.93	12.71	14.50
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	12.88	13.04	12.93	14.50
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	12.83	13.00	12.83	14.50
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	12.86	13.08	12.91	14.50
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	12.85	13.03	12.82	14.50
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	12.89	13.02	12.94	14.50
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	12.77	13.02	12.91	14.50
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	12.77	13.08	12.84	14.50
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	12.84	13.08	12.95	14.50
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	12.77	13.03	12.90	14.50
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	12.86	13.01	12.92	14.50
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	12.76	12.96	12.90	14.50

【FR1 n77 (27Q)___FCC_Part 27Q (3450~3550MHz)___Ant
11_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		22.61		24.50
100	PI/2 BPSK	1	137		22.44		24.50
100	PI/2 BPSK	1	271		22.48		24.50
100	PI/2 BPSK	135	0		22.52		24.50
100	PI/2 BPSK	135	69		22.57		24.50
100	PI/2 BPSK	135	138		22.43		24.50
100	PI/2 BPSK	270	0		22.51		24.50
100	QPSK	1	1		22.48		24.50

100	QPSK	1	137		22.49		24.50
100	QPSK	1	271		22.48		24.50
100	QPSK	135	0		22.42		24.50
100	QPSK	135	69		22.45		24.50
100	QPSK	135	138		22.50		24.50
100	QPSK	270	0		22.51		24.50
100	16QAM	1	1		22.46		24.50
100	64QAM	1	1		22.43		24.50
100	256QAM	1	1		20.93		23.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	22.49	22.56	22.43	24.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	22.40	22.45	22.42	24.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	22.43	22.43	22.40	24.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	22.41	22.42	22.31	24.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	22.35	22.52	22.32	24.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	22.40	22.45	22.31	24.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	22.35	22.53	22.42	24.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	22.37	22.55	22.29	24.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	22.37	22.53	22.39	24.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	22.45	22.41	22.35	24.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	22.46	22.55	22.41	24.50

【FR1 n77 (270)_FCC_Part 270 (3700~3980MHz)_Ant
11_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	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	22.96	23.04	22.86	24.50
100	PI/2 BPSK	1	137	22.77	22.99	22.72	24.50
100	PI/2 BPSK	1	271	22.80	22.96	22.66	24.50
100	PI/2 BPSK	135	0	22.78	23.01	22.69	24.50
100	PI/2 BPSK	135	69	23.03	23.22	22.99	24.50
100	PI/2 BPSK	135	138	22.78	22.90	22.66	24.50
100	PI/2 BPSK	270	0	22.87	23.01	22.78	24.50
100	QPSK	1	1	22.90	22.99	22.71	24.50
100	QPSK	1	137	22.76	22.87	22.68	24.50
100	QPSK	1	271	22.81	23.02	22.78	24.50
100	QPSK	135	0	22.86	22.98	22.71	24.50
100	QPSK	135	69	22.83	22.96	22.71	24.50
100	QPSK	135	138	22.83	22.95	22.63	24.50
100	QPSK	270	0	22.76	22.89	22.65	24.50
100	16QAM	1	1	22.75	22.96	22.65	24.50
100	64QAM	1	1	22.85	22.96	22.69	24.50
100	256QAM	1	1	21.32	21.68	21.51	23.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	22.82	22.91	22.78	24.50
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	22.94	23.01	22.75	24.50
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)

70	PI/2 BPSK	1	1	22.94	22.96	22.76	24.50
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	22.91	23.01	22.73	24.50
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	22.91	22.95	22.72	24.50
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	22.83	22.97	22.76	24.50
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	22.86	22.95	22.74	24.50
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	22.85	22.98	22.84	24.50
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	22.84	22.99	22.80	24.50
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	22.81	22.98	22.84	24.50
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	22.83	23.01	22.78	24.50

【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant
11_DSI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		12.81		14.50
100	PI/2 BPSK	1	137		12.80		14.50
100	PI/2 BPSK	1	271		12.72		14.50
100	PI/2 BPSK	135	0		12.76		14.50
100	PI/2 BPSK	135	69		12.79		14.50
100	PI/2 BPSK	135	138		12.76		14.50
100	PI/2 BPSK	270	0		12.78		14.50
100	QPSK	1	1		12.72		14.50
100	QPSK	1	137		12.65		14.50
100	QPSK	1	271		12.62		14.50
100	QPSK	135	0		12.75		14.50
100	QPSK	135	69		12.62		14.50
100	QPSK	135	138		12.73		14.50
100	QPSK	270	0		12.67		14.50
100	16QAM	1	1		12.65		14.50
100	64QAM	1	1		12.71		14.50
100	256QAM	1	1		12.74		14.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	12.73	12.76	12.75	14.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	12.62	12.67	12.65	14.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	12.59	12.70	12.68	14.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	12.63	12.65	12.62	14.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	12.61	12.75	12.62	14.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	12.68	12.74	12.63	14.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	12.60	12.62	12.65	14.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	12.65	12.73	12.66	14.50
Channel				630668	633332	636000	Tune-up limit

Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	12.61	12.68	12.65	14.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	12.67	12.75	12.66	14.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	12.61	12.64	12.62	14.50

【FR1 n77 (270)_FCC_Part 270 (3700~3980MHz)_Ant 11_DSI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	12.91	13.11	12.97	14.50
100	PI/2 BPSK	1	137	12.79	13.04	12.78	14.50
100	PI/2 BPSK	1	271	12.61	12.94	12.75	14.50
100	PI/2 BPSK	135	0	12.69	13.04	12.80	14.50
100	PI/2 BPSK	135	69	12.80	13.10	12.87	14.50
100	PI/2 BPSK	135	138	12.71	12.93	12.69	14.50
100	PI/2 BPSK	270	0	12.76	12.98	12.80	14.50
100	QPSK	1	1	12.77	13.11	12.95	14.50
100	QPSK	1	137	12.70	12.95	12.75	14.50
100	QPSK	1	271	12.66	13.00	12.82	14.50
100	QPSK	135	0	12.71	12.99	12.75	14.50
100	QPSK	135	69	12.63	12.90	12.68	14.50
100	QPSK	135	138	12.72	13.06	12.87	14.50
100	QPSK	270	0	12.72	12.97	12.72	14.50
100	16QAM	1	1	12.67	12.93	12.73	14.50
100	64QAM	1	1	12.69	12.92	12.69	14.50
100	256QAM	1	1	12.65	12.93	12.71	14.50
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	12.88	13.04	12.93	14.50
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	12.83	13.00	12.83	14.50
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	12.86	13.08	12.91	14.50
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	12.85	13.03	12.82	14.50
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	12.89	13.02	12.94	14.50
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	12.77	13.02	12.91	14.50
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	12.77	13.08	12.84	14.50
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	12.84	13.08	12.95	14.50
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	12.77	13.03	12.90	14.50
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	12.86	13.01	12.92	14.50
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	12.76	12.96	12.90	14.50

【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 11_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
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Channel				633332		
Frequency (MHz)				3499.98		
100	PI/2 BPSK	1	1	25.72		27.50
100	PI/2 BPSK	1	137	25.54		27.50
100	PI/2 BPSK	1	271	25.69		27.50
100	PI/2 BPSK	135	0	25.12		27.00
100	PI/2 BPSK	135	69	25.70		27.50
100	PI/2 BPSK	135	138	25.20		27.00
100	PI/2 BPSK	270	0	25.19		27.00
100	QPSK	1	1	25.60		27.50
100	QPSK	1	137	25.51		27.50
100	QPSK	1	271	25.75		27.50
100	QPSK	135	0	24.65		26.50
100	QPSK	135	69	25.51		27.50
100	QPSK	135	138	24.65		26.50
100	QPSK	270	0	24.74		26.50
100	16QAM	1	1	24.73		26.50
100	64QAM	1	1	22.75		25.00
100	256QAM	1	1	20.66		23.00
Channel				633000	633332	633666
Frequency (MHz)				3495	3499.98	3504.99
90	PI/2 BPSK	1	1	25.63	25.69	25.58
Channel				632668	633332	634000
Frequency (MHz)				3490.02	3499.98	3510
80	PI/2 BPSK	1	1	25.49	25.66	25.54
Channel				632334	633332	634332
Frequency (MHz)				3485.01	3499.98	3514.98
70	PI/2 BPSK	1	1	25.56	25.66	25.53
Channel				632000	633332	634666
Frequency (MHz)				3480	3499.98	3519.99
60	PI/2 BPSK	1	1	25.58	25.61	25.47
Channel				631668	633332	635000
Frequency (MHz)				3475.02	3499.98	3525
50	PI/2 BPSK	1	1	25.56	25.65	25.45
Channel				631334	633332	635332
Frequency (MHz)				3470.01	3499.98	3529.98
40	PI/2 BPSK	1	1	25.55	25.67	25.46
Channel				631000	633332	635666
Frequency (MHz)				3465	3499.98	3534.99
30	PI/2 BPSK	1	1	25.54	25.61	25.50
Channel				630834	633332	635832
Frequency (MHz)				3462.51	3499.98	3537.48
25	PI/2 BPSK	1	1	25.49	25.54	25.48
Channel				630668	633332	636000
Frequency (MHz)				3460.02	3499.98	3540
20	PI/2 BPSK	1	1	25.61	25.54	25.47
Channel				630500	633332	636166
Frequency (MHz)				3457.5	3499.98	3542.49
15	PI/2 BPSK	1	1	25.60	25.62	25.44
Channel				630334	633332	636332
Frequency (MHz)				3455.01	3499.98	3544.98
10	PI/2 BPSK	1	1	25.53	25.68	25.51

【FR1 n77 (270)_FCC_Part 270
(3700~3980MHz)_HPUE_Ant 11_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	25.60	25.97	25.90	27.50
100	PI/2 BPSK	1	137	25.47	25.95	25.79	27.50
100	PI/2 BPSK	1	271	25.49	25.89	25.78	27.50
100	PI/2 BPSK	135	0	24.81	25.29	25.09	27.00
100	PI/2 BPSK	135	69	25.41	25.85	25.67	27.50
100	PI/2 BPSK	135	138	24.87	25.31	25.10	27.00
100	PI/2 BPSK	270	0	25.06	25.56	25.43	27.00
100	QPSK	1	1	25.26	25.74	25.54	27.50
100	QPSK	1	137	25.18	25.66	25.51	27.50
100	QPSK	1	271	25.26	25.71	25.58	27.50
100	QPSK	135	0	24.41	24.86	24.67	26.50
100	QPSK	135	69	25.25	25.77	25.61	27.50
100	QPSK	135	138	24.48	24.85	24.75	26.50
100	QPSK	270	0	24.51	24.96	24.76	26.50
100	16QAM	1	1	24.57	25.07	24.93	26.50

100	64QAM	1	1	23.16	23.52	23.44	25.00
100	256QAM	1	1	21.28	21.61	21.50	23.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	25.86	25.93	25.88	27.50
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	25.48	25.90	25.86	27.50
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	25.51	25.86	25.86	27.50
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	25.56	25.94	25.75	27.50
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	25.57	25.82	25.81	27.50
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	25.53	25.90	25.82	27.50
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	25.52	25.85	25.79	27.50
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	25.49	25.92	25.87	27.50
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	25.46	25.91	25.80	27.50
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	25.54	25.90	25.75	27.50
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	25.48	25.86	25.86	27.50

【FR1 n77 (27Q)_FCC_Part 27Q
(3450~3550MHz)_HPUE_Ant 11_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		15.88		17.50
100	PI/2 BPSK	1	137		15.79		17.50
100	PI/2 BPSK	1	271		15.76		17.50
100	PI/2 BPSK	135	0		15.82		17.50
100	PI/2 BPSK	135	69		15.87		17.50
100	PI/2 BPSK	135	138		15.79		17.50
100	PI/2 BPSK	270	0		15.82		17.50
100	QPSK	1	1		15.79		17.50
100	QPSK	1	137		15.82		17.50
100	QPSK	1	271		15.71		17.50
100	QPSK	135	0		15.74		17.50
100	QPSK	135	69		15.87		17.50
100	QPSK	135	138		15.87		17.50
100	QPSK	270	0		15.71		17.50
100	16QAM	1	1		15.69		17.50
100	64QAM	1	1		15.73		17.50
100	256QAM	1	1		15.69		17.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	15.75	15.76	15.68	17.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	15.62	15.70	15.63	17.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	15.73	15.64	15.56	17.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	15.71	15.64	15.67	17.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	15.68	15.71	15.63	17.50

Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	15.71	15.72	15.54	17.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	15.73	15.70	15.65	17.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	15.68	15.65	15.60	17.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	15.69	15.63	15.58	17.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	15.70	15.73	15.58	17.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	15.63	15.65	15.60	17.50

【FR1 n77 (270)_FCC_Part 270
(3700~3980MHz)_HPUE_Ant 11_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	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	15.98	16.09	16.04	17.50
100	PI/2 BPSK	1	137	15.81	15.96	15.90	17.50
100	PI/2 BPSK	1	271	15.84	16.04	15.93	17.50
100	PI/2 BPSK	135	0	15.69	15.93	15.84	17.50
100	PI/2 BPSK	135	69	15.86	16.08	15.96	17.50
100	PI/2 BPSK	135	138	15.77	16.01	15.95	17.50
100	PI/2 BPSK	270	0	15.74	15.98	15.79	17.50
100	QPSK	1	1	15.69	15.93	15.74	17.50
100	QPSK	1	137	15.79	16.04	15.92	17.50
100	QPSK	1	271	15.84	15.97	15.78	17.50
100	QPSK	135	0	15.81	15.96	15.78	17.50
100	QPSK	135	69	15.86	16.05	15.85	17.50
100	QPSK	135	138	15.84	16.06	15.88	17.50
100	QPSK	270	0	15.92	16.06	15.96	17.50
100	16QAM	1	1	15.73	15.91	15.81	17.50
100	64QAM	1	1	15.84	15.99	15.89	17.50
100	256QAM	1	1	15.73	15.98	15.84	17.50
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	15.90	15.97	15.98	17.50
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	15.90	16.08	15.96	17.50
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	15.93	15.99	15.97	17.50
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	15.84	15.99	16.02	17.50
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	15.94	15.96	16.03	17.50
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	15.92	16.03	15.98	17.50
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	15.93	15.97	15.95	17.50
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	15.85	16.06	15.91	17.50
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	15.86	16.04	15.93	17.50
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	15.94	16.05	15.97	17.50
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)

10	PI/2 BPSK	1	1	15.88	16.07	16.03	17.50
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【FR1 n77 (27Q)_FCC_Part 27Q
(3450~3550MHz)_HPUE_Ant 11_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		25.72		27.50
100	PI/2 BPSK	1	137		25.54		27.50
100	PI/2 BPSK	1	271		25.69		27.50
100	PI/2 BPSK	135	0		25.12		27.00
100	PI/2 BPSK	135	69		25.70		27.50
100	PI/2 BPSK	135	138		25.20		27.00
100	PI/2 BPSK	270	0		25.19		27.00
100	QPSK	1	1		25.60		27.50
100	QPSK	1	137		25.51		27.50
100	QPSK	1	271		25.75		27.50
100	QPSK	135	0		24.65		26.50
100	QPSK	135	69		25.51		27.50
100	QPSK	135	138		24.65		26.50
100	QPSK	270	0		24.74		26.50
100	16QAM	1	1		24.73		26.50
100	64QAM	1	1		22.75		25.00
100	256QAM	1	1		20.66		23.00
Channel				633000	633332	633666	
Frequency (MHz)				3495	3499.98	3504.99	Tune-up limit (dBm)
90	PI/2 BPSK	1	1	25.63	25.69	25.58	27.50
Channel				632668	633332	634000	
Frequency (MHz)				3490.02	3499.98	3510	Tune-up limit (dBm)
80	PI/2 BPSK	1	1	25.49	25.66	25.54	27.50
Channel				632334	633332	634332	
Frequency (MHz)				3485.01	3499.98	3514.98	Tune-up limit (dBm)
70	PI/2 BPSK	1	1	25.56	25.66	25.53	27.50
Channel				632000	633332	634666	
Frequency (MHz)				3480	3499.98	3519.99	Tune-up limit (dBm)
60	PI/2 BPSK	1	1	25.58	25.61	25.47	27.50
Channel				631668	633332	635000	
Frequency (MHz)				3475.02	3499.98	3525	Tune-up limit (dBm)
50	PI/2 BPSK	1	1	25.56	25.65	25.45	27.50
Channel				631334	633332	635332	
Frequency (MHz)				3470.01	3499.98	3529.98	Tune-up limit (dBm)
40	PI/2 BPSK	1	1	25.55	25.67	25.46	27.50
Channel				631000	633332	635666	
Frequency (MHz)				3465	3499.98	3534.99	Tune-up limit (dBm)
30	PI/2 BPSK	1	1	25.54	25.61	25.50	27.50
Channel				630834	633332	635832	
Frequency (MHz)				3462.51	3499.98	3537.48	Tune-up limit (dBm)
25	PI/2 BPSK	1	1	25.49	25.54	25.48	27.50
Channel				630668	633332	636000	
Frequency (MHz)				3460.02	3499.98	3540	Tune-up limit (dBm)
20	PI/2 BPSK	1	1	25.61	25.54	25.47	27.50
Channel				630500	633332	636166	
Frequency (MHz)				3457.5	3499.98	3542.49	Tune-up limit (dBm)
15	PI/2 BPSK	1	1	25.60	25.62	25.44	27.50
Channel				630334	633332	636332	
Frequency (MHz)				3455.01	3499.98	3544.98	Tune-up limit (dBm)
10	PI/2 BPSK	1	1	25.53	25.68	25.51	27.50

【FR1 n77 (27O)_FCC_Part 27O
(3700~3980MHz)_HPUE_Ant 11_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	656000	662000	Tune-up limit (dBm)
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	25.60	25.97	25.90	27.50
100	PI/2 BPSK	1	137	25.47	25.95	25.79	27.50
100	PI/2 BPSK	1	271	25.49	25.89	25.78	27.50
100	PI/2 BPSK	135	0	24.81	25.29	25.09	27.00
100	PI/2 BPSK	135	69	25.41	25.85	25.67	27.50
100	PI/2 BPSK	135	138	24.87	25.31	25.10	27.00
100	PI/2 BPSK	270	0	25.06	25.56	25.43	27.00
100	QPSK	1	1	25.26	25.74	25.54	27.50
100	QPSK	1	137	25.18	25.66	25.51	27.50
100	QPSK	1	271	25.26	25.71	25.58	27.50
100	QPSK	135	0	24.41	24.86	24.67	26.50
100	QPSK	135	69	25.25	25.77	25.61	27.50
100	QPSK	135	138	24.48	24.85	24.75	26.50
100	QPSK	270	0	24.51	24.96	24.76	26.50
100	16QAM	1	1	24.57	25.07	24.93	26.50
100	64QAM	1	1	23.16	23.52	23.44	25.00
100	256QAM	1	1	21.28	21.61	21.50	23.00
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	25.86	25.93	25.88	27.50
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	25.48	25.90	25.86	27.50
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	25.51	25.86	25.86	27.50
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	25.56	25.94	25.75	27.50
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	25.57	25.82	25.81	27.50
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	25.53	25.90	25.82	27.50
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	25.52	25.85	25.79	27.50
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	25.49	25.92	25.87	27.50
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	25.46	25.91	25.80	27.50
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	25.54	25.90	25.75	27.50
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	25.48	25.86	25.86	27.50

【FR1 n77 (27Q)_FCC_Part 27Q
(3450~3550MHz)_HPUE_Ant 11_DSI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		Tune-up limit (dBm)
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		15.88		17.50
100	PI/2 BPSK	1	137		15.79		17.50
100	PI/2 BPSK	1	271		15.76		17.50
100	PI/2 BPSK	135	0		15.82		17.50
100	PI/2 BPSK	135	69		15.87		17.50
100	PI/2 BPSK	135	138		15.79		17.50
100	PI/2 BPSK	270	0		15.82		17.50
100	QPSK	1	1		15.79		17.50
100	QPSK	1	137		15.82		17.50

100	QPSK	1	271		15.71		17.50
100	QPSK	135	0		15.74		17.50
100	QPSK	135	69		15.87		17.50
100	QPSK	135	138		15.87		17.50
100	QPSK	270	0		15.71		17.50
100	16QAM	1	1		15.69		17.50
100	64QAM	1	1		15.73		17.50
100	256QAM	1	1		15.69		17.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	15.75	15.76	15.68	17.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	15.62	15.70	15.63	17.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	15.73	15.64	15.56	17.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	15.71	15.64	15.67	17.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	15.68	15.71	15.63	17.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	15.71	15.72	15.54	17.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	15.73	15.70	15.65	17.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	15.68	15.65	15.60	17.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	15.69	15.63	15.58	17.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	15.70	15.73	15.58	17.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	15.63	15.65	15.60	17.50

【FR1 n77 (270)_FCC_Part 270
(3700~3980MHz)_HPUE_Ant 11_DSI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	15.98	16.09	16.04	17.50
100	PI/2 BPSK	1	137	15.81	15.96	15.90	17.50
100	PI/2 BPSK	1	271	15.84	16.04	15.93	17.50
100	PI/2 BPSK	135	0	15.69	15.93	15.84	17.50
100	PI/2 BPSK	135	69	15.86	16.08	15.96	17.50
100	PI/2 BPSK	135	138	15.77	16.01	15.95	17.50
100	PI/2 BPSK	270	0	15.74	15.98	15.79	17.50
100	QPSK	1	1	15.69	15.93	15.74	17.50
100	QPSK	1	137	15.79	16.04	15.92	17.50
100	QPSK	1	271	15.84	15.97	15.78	17.50
100	QPSK	135	0	15.81	15.96	15.78	17.50
100	QPSK	135	69	15.86	16.05	15.85	17.50
100	QPSK	135	138	15.84	16.06	15.88	17.50
100	QPSK	270	0	15.92	16.06	15.96	17.50
100	16QAM	1	1	15.73	15.91	15.81	17.50
100	64QAM	1	1	15.84	15.99	15.89	17.50
100	256QAM	1	1	15.73	15.98	15.84	17.50
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	15.84	16.04	15.93	17.50
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	15.77	16.01	15.95	17.50
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	15.79	16.04	15.92	17.50

Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	15.86	16.05	15.85	17.50
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	15.73	15.91	15.81	17.50
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	15.98	16.09	16.04	17.50
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	15.69	15.93	15.84	17.50
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	15.74	15.98	15.79	17.50
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	15.84	15.97	15.78	17.50
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	15.84	16.06	15.88	17.50
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	15.84	15.99	15.89	17.50

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_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		25.28		26.00
100	PI/2 BPSK	1	137		25.27		26.00
100	PI/2 BPSK	1	271		25.10		26.00
100	PI/2 BPSK	135	0		25.12		26.00
100	PI/2 BPSK	135	69		25.18		26.00
100	PI/2 BPSK	135	138		25.11		26.00
100	PI/2 BPSK	270	0		25.13		26.00
100	QPSK	1	1		25.17		26.00
100	QPSK	1	137		25.11		26.00
100	QPSK	1	271		25.26		26.00
100	QPSK	135	0		25.09		26.00
100	QPSK	135	69		25.25		26.00
100	QPSK	135	138		25.13		26.00
100	QPSK	270	0		25.13		26.00
100	16QAM	1	1		25.10		26.00
100	64QAM	1	1		24.80		25.50
100	256QAM	1	1		21.69		23.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	25.17	25.20	25.18	26.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	25.05	25.05	25.05	26.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	25.11	25.18	25.05	26.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	25.13	25.12	25.09	26.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	25.05	25.16	25.06	26.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	25.14	25.11	25.15	26.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	25.12	25.07	25.04	26.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	25.09	25.10	25.05	26.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)

20	PI/2 BPSK	1	1	25.14	25.12	25.14	26.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	25.09	25.09	25.12	26.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	25.08	25.17	25.04	26.00

【FR1 n78 (270)_FCC_Part 270 (3700~3800MHz)_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		25.25		26.00
100	PI/2 BPSK	1	137		25.19		26.00
100	PI/2 BPSK	1	271		25.18		26.00
100	PI/2 BPSK	135	0		25.20		26.00
100	PI/2 BPSK	135	69		25.23		26.00
100	PI/2 BPSK	135	138		25.08		26.00
100	PI/2 BPSK	270	0		25.15		26.00
100	QPSK	1	1		25.12		26.00
100	QPSK	1	137		25.11		26.00
100	QPSK	1	271		25.15		26.00
100	QPSK	135	0		25.25		26.00
100	QPSK	135	69		25.10		26.00
100	QPSK	135	138		25.25		26.00
100	QPSK	270	0		25.07		26.00
100	16QAM	1	1		25.08		26.00
100	64QAM	1	1		24.86		25.50
100	256QAM	1	1		22.77		23.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	25.13	25.23	25.20	26.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	25.01	25.20	25.10	26.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	25.03	25.17	25.05	26.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	25.02	25.11	25.10	26.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	25.04	25.13	25.06	26.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	25.04	25.10	25.17	26.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	25.03	25.11	25.14	26.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	25.04	25.09	25.15	26.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	25.10	25.09	25.16	26.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	24.99	25.12	25.18	26.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	25.05	25.16	25.18	26.00

【FR1 n78 (27Q)_FCC_Part 27Q
(3450~3550MHz)_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		27.09		28.50
100	PI/2 BPSK	1	137		27.01		28.50
100	PI/2 BPSK	1	271		27.06		28.50
100	PI/2 BPSK	135	0		26.59		28.00
100	PI/2 BPSK	135	69		26.99		28.50
100	PI/2 BPSK	135	138		26.21		28.00
100	PI/2 BPSK	270	0		26.68		28.00
100	QPSK	1	1		26.85		28.50
100	QPSK	1	137		26.91		28.50
100	QPSK	1	271		27.04		28.50
100	QPSK	135	0		26.03		27.50
100	QPSK	135	69		26.90		28.50
100	QPSK	135	138		25.92		27.50
100	QPSK	270	0		26.04		27.50
100	16QAM	1	1		26.25		27.50
100	64QAM	1	1		24.65		26.00
100	256QAM	1	1		22.74		24.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	27.03	27.05	27.06	28.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	26.95	27.01	26.98	28.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	26.95	26.91	27.00	28.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	26.97	26.97	26.95	28.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	26.90	26.98	27.01	28.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	26.89	26.91	26.98	28.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	26.92	27.01	26.98	28.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	27.00	26.95	26.97	28.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	26.92	27.00	26.95	28.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	26.94	26.95	27.04	28.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	26.95	26.90	27.04	28.50

【FR1 n78 (27O)_FCC_Part 27O
(3700~3800MHz)_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		27.06		28.50
100	PI/2 BPSK	1	137		27.04		28.50
100	PI/2 BPSK	1	271		27.03		28.50
100	PI/2 BPSK	135	0		26.28		28.00
100	PI/2 BPSK	135	69		26.98		28.50
100	PI/2 BPSK	135	138		26.09		28.00
100	PI/2 BPSK	270	0		26.54		28.00
100	QPSK	1	1		26.83		28.50

100	QPSK	1	137		26.79		28.50
100	QPSK	1	271		26.89		28.50
100	QPSK	135	0		26.03		27.50
100	QPSK	135	69		26.79		28.50
100	QPSK	135	138		25.78		27.50
100	QPSK	270	0		25.92		27.50
100	16QAM	1	1		26.17		27.50
100	64QAM	1	1		24.63		26.00
100	256QAM	1	1		22.51		24.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	27.02	27.03	27.01	28.50
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	26.92	26.92	26.97	28.50
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	26.97	26.89	26.95	28.50
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	26.94	26.98	26.98	28.50
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	26.88	26.90	26.87	28.50
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	26.94	26.95	27.00	28.50
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	26.98	26.96	26.98	28.50
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	26.88	26.94	26.89	28.50
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	26.95	26.95	26.97	28.50
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	26.98	27.00	26.90	28.50
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	26.91	26.96	26.89	28.50

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 8_DSI
1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		14.39		15.00
100	PI/2 BPSK	1	137		14.18		15.00
100	PI/2 BPSK	1	271		14.34		15.00
100	PI/2 BPSK	135	0		14.29		15.00
100	PI/2 BPSK	135	69		14.37		15.00
100	PI/2 BPSK	135	138		14.27		15.00
100	PI/2 BPSK	270	0		14.26		15.00
100	QPSK	1	1		14.16		15.00
100	QPSK	1	137		14.29		15.00
100	QPSK	1	271		14.17		15.00
100	QPSK	135	0		14.17		15.00
100	QPSK	135	69		14.26		15.00
100	QPSK	135	138		14.31		15.00
100	QPSK	270	0		14.18		15.00
100	16QAM	1	1		14.33		15.00
100	64QAM	1	1		14.19		15.00
100	256QAM	1	1		14.36		15.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	14.36	14.38	14.35	15.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	14.23	14.28	14.31	15.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)

70	PI/2 BPSK	1	1	14.30	14.25	14.27	15.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	14.28	14.26	14.32	15.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	14.27	14.35	14.29	15.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	14.30	14.25	14.23	15.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	14.26	14.36	14.27	15.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	14.21	14.28	14.28	15.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	14.27	14.34	14.28	15.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	14.25	14.35	14.33	15.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	14.27	14.34	14.26	15.00

【FR1 n78 (270)_FCC_Part 270 (3700~3800MHz)_Ant 8_DSI
1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		14.35		15.00
100	PI/2 BPSK	1	137		14.21		15.00
100	PI/2 BPSK	1	271		14.16		15.00
100	PI/2 BPSK	135	0		14.22		15.00
100	PI/2 BPSK	135	69		14.29		15.00
100	PI/2 BPSK	135	138		14.17		15.00
100	PI/2 BPSK	270	0		14.14		15.00
100	QPSK	1	1		14.23		15.00
100	QPSK	1	137		14.19		15.00
100	QPSK	1	271		14.27		15.00
100	QPSK	135	0		14.34		15.00
100	QPSK	135	69		14.23		15.00
100	QPSK	135	138		14.30		15.00
100	QPSK	270	0		14.36		15.00
100	16QAM	1	1		14.13		15.00
100	64QAM	1	1		14.28		15.00
100	256QAM	1	1		14.19		15.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	14.18	14.36	14.27	15.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	14.05	14.22	14.21	15.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	14.11	14.31	14.26	15.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	14.06	14.27	14.13	15.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	14.10	14.24	14.24	15.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	14.14	14.25	14.23	15.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	14.08	14.32	14.15	15.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	14.09	14.23	14.16	15.00
Channel				647334	650000	652666	Tune-up limit

Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	14.11	14.22	14.23	15.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	14.14	14.29	14.18	15.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	14.17	14.32	14.25	15.00

【FR1 n78 (27Q)___FCC_Part 27Q (3450~3550MHz)_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		17.31		18.00
100	PI/2 BPSK	1	137		17.19		18.00
100	PI/2 BPSK	1	271		17.18		18.00
100	PI/2 BPSK	135	0		17.00		18.00
100	PI/2 BPSK	135	69		17.29		18.00
100	PI/2 BPSK	135	138		17.28		18.00
100	PI/2 BPSK	270	0		17.27		18.00
100	QPSK	1	1		17.25		18.00
100	QPSK	1	137		17.22		18.00
100	QPSK	1	271		17.23		18.00
100	QPSK	135	0		17.22		18.00
100	QPSK	135	69		17.40		18.00
100	QPSK	135	138		17.27		18.00
100	QPSK	270	0		17.36		18.00
100	16QAM	1	1		17.28		18.00
100	64QAM	1	1		17.21		18.00
100	256QAM	1	1		17.18		18.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	17.28	17.30	17.26	18.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	17.25	17.21	17.15	18.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	17.21	17.25	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	17.22	17.16	17.21	18.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	17.25	17.28	17.20	18.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	17.19	17.22	17.16	18.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	17.22	17.26	17.20	18.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	17.17	17.24	17.13	18.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	17.14	17.25	17.13	18.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	17.23	17.22	17.25	18.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	17.23	17.27	17.14	18.00

【FR1 n78 (27O)___FCC_Part 27O (3700~3800MHz)_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)
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Channel				650000		
Frequency (MHz)				3750		
100	PI/2 BPSK	1	1	17.33		18.00
100	PI/2 BPSK	1	137	17.15		18.00
100	PI/2 BPSK	1	271	17.19		18.00
100	PI/2 BPSK	135	0	17.15		18.00
100	PI/2 BPSK	135	69	17.30		18.00
100	PI/2 BPSK	135	138	17.27		18.00
100	PI/2 BPSK	270	0	17.28		18.00
100	QPSK	1	1	17.26		18.00
100	QPSK	1	137	17.33		18.00
100	QPSK	1	271	17.22		18.00
100	QPSK	135	0	17.35		18.00
100	QPSK	135	69	17.32		18.00
100	QPSK	135	138	17.34		18.00
100	QPSK	270	0	17.25		18.00
100	16QAM	1	1	17.31		18.00
100	64QAM	1	1	17.16		18.00
100	256QAM	1	1	17.35		18.00
Channel				649668	650000	650332
Frequency (MHz)				3745.02	3750	3754.98
90	PI/2 BPSK	1	1	17.27	17.25	17.24
Channel				649334	650000	650666
Frequency (MHz)				3740.01	3750	3759.99
80	PI/2 BPSK	1	1	17.21	17.19	17.17
Channel				649000	650000	651000
Frequency (MHz)				3735	3750	3765
70	PI/2 BPSK	1	1	17.22	17.15	17.17
Channel				648668	650000	651332
Frequency (MHz)				3730.02	3750	3769.98
60	PI/2 BPSK	1	1	17.22	17.14	17.19
Channel				648334	650000	651666
Frequency (MHz)				3725.01	3750	3774.99
50	PI/2 BPSK	1	1	17.24	17.14	17.13
Channel				648000	650000	652000
Frequency (MHz)				3720	3750	3780
40	PI/2 BPSK	1	1	17.21	17.15	17.14
Channel				647668	650000	652332
Frequency (MHz)				3715.02	3750	3784.98
30	PI/2 BPSK	1	1	17.15	17.13	17.10
Channel				647500	650000	652500
Frequency (MHz)				3712.5	3750	3787.5
25	PI/2 BPSK	1	1	17.13	17.19	17.15
Channel				647334	650000	652666
Frequency (MHz)				3710.01	3750	3789.99
20	PI/2 BPSK	1	1	17.15	17.22	17.10
Channel				647168	650000	652832
Frequency (MHz)				3707.52	3750	3792.48
15	PI/2 BPSK	1	1	17.21	17.17	17.12
Channel				647000	650000	653000
Frequency (MHz)				3705	3750	3795
10	PI/2 BPSK	1	1	17.24	17.15	17.10

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_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		23.37		24.00
100	PI/2 BPSK	1	137		23.16		24.00
100	PI/2 BPSK	1	271		23.24		24.00
100	PI/2 BPSK	135	0		23.29		24.00
100	PI/2 BPSK	135	69		23.35		24.00
100	PI/2 BPSK	135	138		23.19		24.00
100	PI/2 BPSK	270	0		23.18		24.00
100	QPSK	1	1		23.18		24.00
100	QPSK	1	137		23.20		24.00
100	QPSK	1	271		23.20		24.00
100	QPSK	135	0		23.35		24.00
100	QPSK	135	69		23.17		24.00
100	QPSK	135	138		23.23		24.00
100	QPSK	270	0		23.31		24.00
100	16QAM	1	1		23.16		24.00

100	64QAM	1	1		23.20		24.00
100	256QAM	1	1		22.69		23.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	23.29	23.36	23.33	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	23.30	23.19	24.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	23.25	23.30	23.28	24.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	23.28	23.33	23.31	24.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	23.28	23.24	23.28	24.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	23.14	23.32	23.20	24.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	23.24	23.22	23.31	24.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	23.26	23.33	23.28	24.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	23.24	23.32	23.24	24.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	23.22	23.27	23.18	24.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	23.21	23.28	23.28	24.00

【FR1 n78 (270)_FCC_Part 270 (3700~3800MHz)_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		23.32		24.00
100	PI/2 BPSK	1	137		23.14		24.00
100	PI/2 BPSK	1	271		23.25		24.00
100	PI/2 BPSK	135	0		23.29		24.00
100	PI/2 BPSK	135	69		23.30		24.00
100	PI/2 BPSK	135	138		23.24		24.00
100	PI/2 BPSK	270	0		23.26		24.00
100	QPSK	1	1		23.27		24.00
100	QPSK	1	137		23.33		24.00
100	QPSK	1	271		23.29		24.00
100	QPSK	135	0		23.35		24.00
100	QPSK	135	69		23.27		24.00
100	QPSK	135	138		23.24		24.00
100	QPSK	270	0		23.16		24.00
100	16QAM	1	1		23.25		24.00
100	64QAM	1	1		23.25		24.00
100	256QAM	1	1		22.67		23.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	23.15	23.29	23.22	24.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	23.09	23.23	23.07	24.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	23.07	23.19	23.15	24.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	23.09	23.18	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	23.02	23.21	23.19	24.00

Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	23.04	23.18	23.14	24.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	23.09	23.19	23.15	24.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	23.13	23.22	23.18	24.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	23.13	23.25	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	23.14	23.26	23.15	24.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	23.10	23.23	23.11	24.00

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 8_DSI
5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		14.39		15.00
100	PI/2 BPSK	1	137		14.18		15.00
100	PI/2 BPSK	1	271		14.34		15.00
100	PI/2 BPSK	135	0		14.29		15.00
100	PI/2 BPSK	135	69		14.37		15.00
100	PI/2 BPSK	135	138		14.27		15.00
100	PI/2 BPSK	270	0		14.26		15.00
100	QPSK	1	1		14.16		15.00
100	QPSK	1	137		14.29		15.00
100	QPSK	1	271		14.17		15.00
100	QPSK	135	0		14.17		15.00
100	QPSK	135	69		14.26		15.00
100	QPSK	135	138		14.31		15.00
100	QPSK	270	0		14.18		15.00
100	16QAM	1	1		14.33		15.00
100	64QAM	1	1		14.19		15.00
100	256QAM	1	1		14.36		15.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	14.36	14.38	14.35	15.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	14.23	14.28	14.31	15.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	14.30	14.25	14.27	15.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	14.28	14.26	14.32	15.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	14.27	14.35	14.29	15.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	14.30	14.25	14.23	15.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	14.26	14.36	14.27	15.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	14.21	14.28	14.28	15.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	14.27	14.34	14.28	15.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	14.25	14.35	14.33	15.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)

10	PI/2 BPSK	1	1	14.27	14.34	14.26	15.00
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【FR1 n78 (270)___FCC_Part 270 (3700~3800MHz)_Ant 8_DSI
5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		14.35		15.00
100	PI/2 BPSK	1	137		14.21		15.00
100	PI/2 BPSK	1	271		14.16		15.00
100	PI/2 BPSK	135	0		14.22		15.00
100	PI/2 BPSK	135	69		14.29		15.00
100	PI/2 BPSK	135	138		14.17		15.00
100	PI/2 BPSK	270	0		14.14		15.00
100	QPSK	1	1		14.23		15.00
100	QPSK	1	137		14.19		15.00
100	QPSK	1	271		14.27		15.00
100	QPSK	135	0		14.34		15.00
100	QPSK	135	69		14.23		15.00
100	QPSK	135	138		14.30		15.00
100	QPSK	270	0		14.36		15.00
100	16QAM	1	1		14.13		15.00
100	64QAM	1	1		14.28		15.00
100	256QAM	1	1		14.19		15.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	14.18	14.36	14.27	15.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	14.09	14.25	14.19	15.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	14.14	14.34	14.16	15.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	14.10	14.27	14.22	15.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	14.07	14.31	14.13	15.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	14.14	14.30	14.21	15.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	14.08	14.30	14.21	15.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	14.14	14.31	14.16	15.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	14.13	14.28	14.14	15.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	14.10	14.35	14.17	15.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	14.17	14.25	14.13	15.00

【FR1 n78 (27Q)_FCC_Part 27Q
(3450~3550MHz)_HPUE_Ant 8_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		17.41		18.50
100	PI/2 BPSK	1	137		17.17		18.50
100	PI/2 BPSK	1	271		17.23		18.50
100	PI/2 BPSK	135	0		17.34		18.50
100	PI/2 BPSK	135	69		17.36		18.50
100	PI/2 BPSK	135	138		17.21		18.50
100	PI/2 BPSK	270	0		17.21		18.50
100	QPSK	1	1		17.12		18.50
100	QPSK	1	137		17.34		18.50
100	QPSK	1	271		17.05		18.50
100	QPSK	135	0		17.15		18.50
100	QPSK	135	69		17.34		18.50
100	QPSK	135	138		17.31		18.50
100	QPSK	270	0		17.06		18.50
100	16QAM	1	1		17.42		18.50
100	64QAM	1	1		17.24		18.50
100	256QAM	1	1		17.40		18.50
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	17.37	17.33	17.32	18.50
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	17.32	17.32	17.24	18.50
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	17.35	17.29	17.23	18.50
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	17.32	17.29	17.30	18.50
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	17.23	17.27	17.19	18.50
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	17.34	17.23	17.24	18.50
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	17.27	17.31	17.23	18.50
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	17.33	17.28	17.27	18.50
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	17.26	17.27	17.18	18.50
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	17.26	17.22	17.18	18.50
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	17.26	17.22	17.20	18.50

【FR1 n78 (27O)_FCC_Part 27O
(3700~3800MHz)_HPUE_Ant 8_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		17.29		18.50
100	PI/2 BPSK	1	137		17.18		18.50
100	PI/2 BPSK	1	271		17.14		18.50
100	PI/2 BPSK	135	0		17.18		18.50
100	PI/2 BPSK	135	69		17.26		18.50
100	PI/2 BPSK	135	138		17.08		18.50
100	PI/2 BPSK	270	0		17.20		18.50
100	QPSK	1	1		17.24		18.50

100	QPSK	1	137		17.09		18.50
100	QPSK	1	271		17.26		18.50
100	QPSK	135	0		17.28		18.50
100	QPSK	135	69		17.23		18.50
100	QPSK	135	138		17.25		18.50
100	QPSK	270	0		17.25		18.50
100	16QAM	1	1		17.17		18.50
100	64QAM	1	1		17.31		18.50
100	256QAM	1	1		17.19		18.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	17.25	17.23	17.27	18.50
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	17.13	17.09	17.20	18.50
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	17.17	17.17	17.20	18.50
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	17.15	17.14	17.14	18.50
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	17.23	17.10	17.14	18.50
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	17.23	17.11	17.18	18.50
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	17.14	17.12	17.21	18.50
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	17.23	17.20	17.20	18.50
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	17.16	17.12	17.13	18.50
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	17.22	17.18	17.23	18.50
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	17.12	17.16	17.18	18.50

【FR1 n78 (27Q)_FCC_Part 27Q
(3450~3550MHz)_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		20.29		21.50
100	PI/2 BPSK	1	137		20.26		21.50
100	PI/2 BPSK	1	271		20.27		21.50
100	PI/2 BPSK	135	0		20.02		21.50
100	PI/2 BPSK	135	69		20.21		21.50
100	PI/2 BPSK	135	138		20.23		21.50
100	PI/2 BPSK	270	0		20.16		21.50
100	QPSK	1	1		20.17		21.50
100	QPSK	1	137		20.28		21.50
100	QPSK	1	271		20.14		21.50
100	QPSK	135	0		20.13		21.50
100	QPSK	135	69		20.22		21.50
100	QPSK	135	138		20.27		21.50
100	QPSK	270	0		20.25		21.50
100	16QAM	1	1		20.26		21.50
100	64QAM	1	1		20.23		21.50
100	256QAM	1	1		20.17		21.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	20.26	20.28	20.23	21.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	20.17	20.26	20.16	21.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)

70	PI/2 BPSK	1	1	20.17	20.13	20.15	21.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	20.11	20.15	20.19	21.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	20.23	20.22	20.20	21.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	20.22	20.19	20.13	21.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	20.17	20.22	20.15	21.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	20.22	20.22	20.13	21.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	20.13	20.27	20.19	21.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	20.20	20.18	20.12	21.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	20.18	20.15	20.18	21.50

【FR1 n78 (270)_FCC_Part 270
(3700~3800MHz)_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		20.38		21.50
100	PI/2 BPSK	1	137		20.25		21.50
100	PI/2 BPSK	1	271		20.26		21.50
100	PI/2 BPSK	135	0		20.17		21.50
100	PI/2 BPSK	135	69		20.32		21.50
100	PI/2 BPSK	135	138		20.26		21.50
100	PI/2 BPSK	270	0		20.23		21.50
100	QPSK	1	1		20.21		21.50
100	QPSK	1	137		20.24		21.50
100	QPSK	1	271		20.16		21.50
100	QPSK	135	0		20.22		21.50
100	QPSK	135	69		20.26		21.50
100	QPSK	135	138		20.25		21.50
100	QPSK	270	0		20.35		21.50
100	16QAM	1	1		20.32		21.50
100	64QAM	1	1		20.06		21.50
100	256QAM	1	1		20.26		21.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	20.33	20.37	20.29	21.50
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	20.26	20.28	20.15	21.50
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	20.22	20.23	20.16	21.50
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	20.20	20.25	20.16	21.50
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	20.30	20.30	20.24	21.50
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	20.20	20.22	20.24	21.50
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	20.27	20.27	20.25	21.50
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	20.20	20.28	20.15	21.50
Channel				647334	650000	652666	Tune-up limit

Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	20.20	20.29	20.16	21.50
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	20.21	20.27	20.16	21.50
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	20.23	20.33	20.22	21.50

【FR1 n78 (27Q)_FCC_Part 27Q
(3450~3550MHz)_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		26.38		27.50
100	PI/2 BPSK	1	137		26.15		27.50
100	PI/2 BPSK	1	271		26.28		27.50
100	PI/2 BPSK	135	0		26.20		27.50
100	PI/2 BPSK	135	69		26.31		27.50
100	PI/2 BPSK	135	138		26.13		27.50
100	PI/2 BPSK	270	0		26.10		27.50
100	QPSK	1	1		26.29		27.50
100	QPSK	1	137		26.30		27.50
100	QPSK	1	271		26.23		27.50
100	QPSK	135	0		26.24		27.50
100	QPSK	135	69		26.25		27.50
100	QPSK	135	138		26.24		27.50
100	QPSK	270	0		26.37		27.50
100	16QAM	1	1		26.05		27.50
100	64QAM	1	1		24.78		26.00
100	256QAM	1	1		22.98		24.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	26.34	26.37	26.30	27.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	26.33	26.25	26.17	27.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	26.27	26.23	26.26	27.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	26.23	26.24	26.15	27.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	26.19	26.30	26.28	27.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	26.27	26.27	26.28	27.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	26.25	26.35	26.19	27.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	26.21	26.30	26.29	27.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	26.24	26.24	26.28	27.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	26.27	26.28	26.18	27.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	26.20	26.25	26.19	27.50

【FR1 n78 (27O)_FCC_Part 27O
(3700~3800MHz)_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)
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Channel				650000		
Frequency (MHz)				3750		
100	PI/2 BPSK	1	1	26.39		27.50
100	PI/2 BPSK	1	137	26.14		27.50
100	PI/2 BPSK	1	271	26.31		27.50
100	PI/2 BPSK	135	0	26.24		27.50
100	PI/2 BPSK	135	69	26.31		27.50
100	PI/2 BPSK	135	138	26.18		27.50
100	PI/2 BPSK	270	0	26.26		27.50
100	QPSK	1	1	26.36		27.50
100	QPSK	1	137	26.35		27.50
100	QPSK	1	271	26.22		27.50
100	QPSK	135	0	26.37		27.50
100	QPSK	135	69	26.22		27.50
100	QPSK	135	138	26.27		27.50
100	QPSK	270	0	26.13		27.50
100	16QAM	1	1	26.14		27.50
100	64QAM	1	1	24.79		26.00
100	256QAM	1	1	22.96		24.00
Channel				649668	650000	650332
Frequency (MHz)				3745.02	3750	3754.98
90	PI/2 BPSK	1	1	26.24	26.38	26.33
Channel				649334	650000	650666
Frequency (MHz)				3740.01	3750	3759.99
80	PI/2 BPSK	1	1	26.14	26.27	26.24
Channel				649000	650000	651000
Frequency (MHz)				3735	3750	3765
70	PI/2 BPSK	1	1	26.18	26.28	26.30
Channel				648668	650000	651332
Frequency (MHz)				3730.02	3750	3769.98
60	PI/2 BPSK	1	1	26.22	26.26	26.28
Channel				648334	650000	651666
Frequency (MHz)				3725.01	3750	3774.99
50	PI/2 BPSK	1	1	26.20	26.23	26.21
Channel				648000	650000	652000
Frequency (MHz)				3720	3750	3780
40	PI/2 BPSK	1	1	26.12	26.25	26.20
Channel				647668	650000	652332
Frequency (MHz)				3715.02	3750	3784.98
30	PI/2 BPSK	1	1	26.14	26.33	26.31
Channel				647500	650000	652500
Frequency (MHz)				3712.5	3750	3787.5
25	PI/2 BPSK	1	1	26.10	26.26	26.21
Channel				647334	650000	652666
Frequency (MHz)				3710.01	3750	3789.99
20	PI/2 BPSK	1	1	26.23	26.28	26.20
Channel				647168	650000	652832
Frequency (MHz)				3707.52	3750	3792.48
15	PI/2 BPSK	1	1	26.10	26.27	26.26
Channel				647000	650000	653000
Frequency (MHz)				3705	3750	3795
10	PI/2 BPSK	1	1	26.20	26.34	26.28

【FR1 n78 (27Q)_FCC_Part 27Q
(3450~3550MHz)_HPUE_Ant 8_DSI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		17.41		18.50
100	PI/2 BPSK	1	137		17.17		18.50
100	PI/2 BPSK	1	271		17.23		18.50
100	PI/2 BPSK	135	0		17.34		18.50
100	PI/2 BPSK	135	69		17.36		18.50
100	PI/2 BPSK	135	138		17.21		18.50
100	PI/2 BPSK	270	0		17.21		18.50
100	QPSK	1	1		17.12		18.50
100	QPSK	1	137		17.34		18.50
100	QPSK	1	271		17.05		18.50
100	QPSK	135	0		17.15		18.50
100	QPSK	135	69		17.34		18.50
100	QPSK	135	138		17.31		18.50
100	QPSK	270	0		17.06		18.50
100	16QAM	1	1		17.42		18.50

100	64QAM	1	1		17.24		18.50
100	256QAM	1	1		17.40		18.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	17.37	17.33	17.32	18.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	17.32	17.32	17.24	18.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	17.35	17.29	17.23	18.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	17.32	17.29	17.30	18.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	17.23	17.27	17.19	18.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	17.34	17.23	17.24	18.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	17.27	17.31	17.23	18.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	17.33	17.28	17.27	18.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	17.26	17.27	17.18	18.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	17.26	17.22	17.18	18.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	17.26	17.22	17.20	18.50

【FR1 n78 (270)_FCC_Part 270
(3700~3800MHz)_HPUE_Ant 8_DSI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		17.29		18.50
100	PI/2 BPSK	1	137		17.18		18.50
100	PI/2 BPSK	1	271		17.14		18.50
100	PI/2 BPSK	135	0		17.18		18.50
100	PI/2 BPSK	135	69		17.26		18.50
100	PI/2 BPSK	135	138		17.08		18.50
100	PI/2 BPSK	270	0		17.20		18.50
100	QPSK	1	1		17.24		18.50
100	QPSK	1	137		17.09		18.50
100	QPSK	1	271		17.26		18.50
100	QPSK	135	0		17.28		18.50
100	QPSK	135	69		17.23		18.50
100	QPSK	135	138		17.25		18.50
100	QPSK	270	0		17.25		18.50
100	16QAM	1	1		17.17		18.50
100	64QAM	1	1		17.31		18.50
100	256QAM	1	1		17.19		18.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	17.25	17.23	17.27	18.50
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	17.13	17.09	17.20	18.50
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	17.17	17.17	17.20	18.50
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	17.15	17.14	17.14	18.50
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	17.23	17.10	17.14	18.50

Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	17.23	17.11	17.18	18.50
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	17.14	17.12	17.21	18.50
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	17.23	17.20	17.20	18.50
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	17.16	17.12	17.13	18.50
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	17.22	17.18	17.23	18.50
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	17.12	17.16	17.18	18.50

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 9_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		23.68		25.00
100	PI/2 BPSK	1	137		23.46		25.00
100	PI/2 BPSK	1	271		23.50		25.00
100	PI/2 BPSK	135	0		23.61		25.00
100	PI/2 BPSK	135	69		23.67		25.00
100	PI/2 BPSK	135	138		23.62		25.00
100	PI/2 BPSK	270	0		23.57		25.00
100	QPSK	1	1		23.58		25.00
100	QPSK	1	137		23.54		25.00
100	QPSK	1	271		23.62		25.00
100	QPSK	135	0		23.60		25.00
100	QPSK	135	69		23.56		25.00
100	QPSK	135	138		23.61		25.00
100	QPSK	270	0		23.70		25.00
100	16QAM	1	1		23.54		25.00
100	64QAM	1	1		23.06		24.50
100	256QAM	1	1		21.13		22.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	23.51	23.59	23.49	25.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	23.47	23.50	23.43	25.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	23.36	23.52	23.36	25.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	23.40	23.56	23.39	25.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	23.38	23.58	23.39	25.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	23.46	23.47	23.46	25.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	23.42	23.53	23.41	25.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	23.36	23.53	23.37	25.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	23.39	23.51	23.40	25.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	23.45	23.51	23.39	25.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)

10	PI/2 BPSK	1	1	23.47	23.56	23.35	25.00
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【FR1 n78 (270)_FCC_Part 270 (3700~3800MHz)_Ant 9_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		24.16		25.00
100	PI/2 BPSK	1	137		23.98		25.00
100	PI/2 BPSK	1	271		24.04		25.00
100	PI/2 BPSK	135	0		24.08		25.00
100	PI/2 BPSK	135	69		24.12		25.00
100	PI/2 BPSK	135	138		24.08		25.00
100	PI/2 BPSK	270	0		24.01		25.00
100	QPSK	1	1		24.16		25.00
100	QPSK	1	137		24.04		25.00
100	QPSK	1	271		24.07		25.00
100	QPSK	135	0		24.10		25.00
100	QPSK	135	69		24.19		25.00
100	QPSK	135	138		24.14		25.00
100	QPSK	270	0		23.98		25.00
100	16QAM	1	1		24.09		25.00
100	64QAM	1	1		23.61		24.50
100	256QAM	1	1		21.59		22.50
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	24.07	24.09	23.98	25.00
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	24.03	24.07	23.96	25.00
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	23.99	24.02	23.90	25.00
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	24.04	23.99	23.94	25.00
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	23.92	23.99	23.97	25.00
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	23.94	24.04	23.83	25.00
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	23.96	23.97	23.97	25.00
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	23.95	24.02	23.92	25.00
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	23.98	23.95	23.94	25.00
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	23.96	24.04	23.96	25.00
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	24.02	24.06	23.92	25.00

【FR1 n78 (27Q) _FCC_Part 27Q
(3450~3550MHz)_HPUE_Ant 9_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		25.54		27.00
100	PI/2 BPSK	1	137		25.39		27.00
100	PI/2 BPSK	1	271		25.51		27.00
100	PI/2 BPSK	135	0		24.96		26.50
100	PI/2 BPSK	135	69		25.50		27.00
100	PI/2 BPSK	135	138		24.59		26.50
100	PI/2 BPSK	270	0		24.97		26.50
100	QPSK	1	1		25.29		27.00
100	QPSK	1	137		25.26		27.00
100	QPSK	1	271		25.29		27.00
100	QPSK	135	0		24.57		26.00
100	QPSK	135	69		25.42		27.00
100	QPSK	135	138		24.21		26.00
100	QPSK	270	0		24.46		26.00
100	16QAM	1	1		24.50		26.00
100	64QAM	1	1		23.00		24.50
100	256QAM	1	1		21.02		22.50
Channel				633000	633332	633666	
Frequency (MHz)				3495	3499.98	3504.99	Tune-up limit (dBm)
90	PI/2 BPSK	1	1	25.43	25.51	25.47	27.00
Channel				632668	633332	634000	
Frequency (MHz)				3490.02	3499.98	3510	Tune-up limit (dBm)
80	PI/2 BPSK	1	1	25.34	25.48	25.34	27.00
Channel				632334	633332	634332	
Frequency (MHz)				3485.01	3499.98	3514.98	Tune-up limit (dBm)
70	PI/2 BPSK	1	1	25.30	25.43	25.33	27.00
Channel				632000	633332	634666	
Frequency (MHz)				3480	3499.98	3519.99	Tune-up limit (dBm)
60	PI/2 BPSK	1	1	25.37	25.39	25.35	27.00
Channel				631668	633332	635000	
Frequency (MHz)				3475.02	3499.98	3525	Tune-up limit (dBm)
50	PI/2 BPSK	1	1	25.35	25.38	25.43	27.00
Channel				631334	633332	635332	
Frequency (MHz)				3470.01	3499.98	3529.98	Tune-up limit (dBm)
40	PI/2 BPSK	1	1	25.30	25.38	25.46	27.00
Channel				631000	633332	635666	
Frequency (MHz)				3465	3499.98	3534.99	Tune-up limit (dBm)
30	PI/2 BPSK	1	1	25.32	25.39	25.43	27.00
Channel				630834	633332	635832	
Frequency (MHz)				3462.51	3499.98	3537.48	Tune-up limit (dBm)
25	PI/2 BPSK	1	1	25.36	25.42	25.41	27.00
Channel				630668	633332	636000	
Frequency (MHz)				3460.02	3499.98	3540	Tune-up limit (dBm)
20	PI/2 BPSK	1	1	25.33	25.42	25.40	27.00
Channel				630500	633332	636166	
Frequency (MHz)				3457.5	3499.98	3542.49	Tune-up limit (dBm)
15	PI/2 BPSK	1	1	25.38	25.47	25.42	27.00
Channel				630334	633332	636332	
Frequency (MHz)				3455.01	3499.98	3544.98	Tune-up limit (dBm)
10	PI/2 BPSK	1	1	25.38	25.36	25.46	27.00

【FR1 n78 (27O) _FCC_Part 27O
(3700~3800MHz)_HPUE_Ant 9_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		25.89		27.00
100	PI/2 BPSK	1	137		25.85		27.00
100	PI/2 BPSK	1	271		25.69		27.00
100	PI/2 BPSK	135	0		25.10		26.50
100	PI/2 BPSK	135	69		25.61		27.00
100	PI/2 BPSK	135	138		25.06		26.50
100	PI/2 BPSK	270	0		25.26		26.50
100	QPSK	1	1		25.51		27.00

100	QPSK	1	137		25.48		27.00
100	QPSK	1	271		25.53		27.00
100	QPSK	135	0		24.79		26.00
100	QPSK	135	69		25.62		27.00
100	QPSK	135	138		24.56		26.00
100	QPSK	270	0		24.76		26.00
100	16QAM	1	1		24.91		26.00
100	64QAM	1	1		23.37		24.50
100	256QAM	1	1		21.42		22.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	25.76	25.83	25.59	27.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	25.64	25.81	25.44	27.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	25.65	25.79	25.55	27.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	25.71	25.77	25.53	27.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	25.72	25.77	25.52	27.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	25.71	25.76	25.47	27.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	25.62	25.71	25.54	27.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	25.67	25.74	25.54	27.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	25.74	25.69	25.53	27.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	25.70	25.77	25.56	27.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	25.70	25.80	25.44	27.00

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 9_DSI
1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		16.30		17.50
100	PI/2 BPSK	1	137		16.10		17.50
100	PI/2 BPSK	1	271		16.11		17.50
100	PI/2 BPSK	135	0		16.18		17.50
100	PI/2 BPSK	135	69		16.28		17.50
100	PI/2 BPSK	135	138		16.27		17.50
100	PI/2 BPSK	270	0		16.23		17.50
100	QPSK	1	1		16.15		17.50
100	QPSK	1	137		16.24		17.50
100	QPSK	1	271		16.27		17.50
100	QPSK	135	0		16.25		17.50
100	QPSK	135	69		16.28		17.50
100	QPSK	135	138		16.27		17.50
100	QPSK	270	0		16.14		17.50
100	16QAM	1	1		16.10		17.50
100	64QAM	1	1		16.08		17.50
100	256QAM	1	1		16.06		17.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	16.27	16.29	16.25	17.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	16.18	16.28	16.17	17.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)

70	PI/2 BPSK	1	1	16.14	16.21	16.23	17.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	16.14	16.22	16.11	17.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	16.23	16.20	16.17	17.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	16.21	16.20	16.23	17.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	16.25	16.18	16.19	17.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	16.14	16.24	16.13	17.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	16.14	16.26	16.15	17.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	16.20	16.26	16.19	17.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	16.26	16.21	16.21	17.50

【FR1 n78 (270)___FCC_Part 270 (3700~3800MHz)_Ant 9_DSI
1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		16.77		17.50
100	PI/2 BPSK	1	137		16.64		17.50
100	PI/2 BPSK	1	271		16.54		17.50
100	PI/2 BPSK	135	0		16.66		17.50
100	PI/2 BPSK	135	69		16.67		17.50
100	PI/2 BPSK	135	138		16.59		17.50
100	PI/2 BPSK	270	0		16.70		17.50
100	QPSK	1	1		16.75		17.50
100	QPSK	1	137		16.60		17.50
100	QPSK	1	271		16.75		17.50
100	QPSK	135	0		16.54		17.50
100	QPSK	135	69		16.69		17.50
100	QPSK	135	138		16.63		17.50
100	QPSK	270	0		16.66		17.50
100	16QAM	1	1		16.54		17.50
100	64QAM	1	1		16.74		17.50
100	256QAM	1	1		16.67		17.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	16.73	16.76	16.70	17.50
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	16.58	16.64	16.57	17.50
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	16.67	16.71	16.58	17.50
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	16.66	16.63	16.65	17.50
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	16.59	16.67	16.69	17.50
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	16.61	16.61	16.56	17.50
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	16.72	16.63	16.65	17.50
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	16.65	16.68	16.67	17.50
Channel				647334	650000	652666	Tune-up limit

Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	16.68	16.67	16.57	17.50
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	16.64	16.68	16.66	17.50
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	16.62	16.73	16.61	17.50

【FR1 n78 (27Q)___FCC_Part 27Q (3450~3550MHz)_Ant 9_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		17.77		19.00
100	PI/2 BPSK	1	137		17.63		19.00
100	PI/2 BPSK	1	271		17.72		19.00
100	PI/2 BPSK	135	0		17.57		19.00
100	PI/2 BPSK	135	69		17.61		19.00
100	PI/2 BPSK	135	138		17.59		19.00
100	PI/2 BPSK	270	0		17.67		19.00
100	QPSK	1	1		17.58		19.00
100	QPSK	1	137		17.73		19.00
100	QPSK	1	271		17.78		19.00
100	QPSK	135	0		17.65		19.00
100	QPSK	135	69		17.57		19.00
100	QPSK	135	138		17.78		19.00
100	QPSK	270	0		17.69		19.00
100	16QAM	1	1		17.75		19.00
100	64QAM	1	1		17.68		19.00
100	256QAM	1	1		17.60		19.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	17.71	17.73	17.70	19.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	17.62	17.61	17.55	19.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	17.60	17.59	17.64	19.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	17.63	17.60	17.59	19.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	17.61	17.63	17.63	19.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	17.66	17.66	17.65	19.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	17.59	17.71	17.57	19.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	17.57	17.59	17.60	19.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	17.62	17.69	17.69	19.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	17.63	17.61	17.59	19.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	17.66	17.68	17.60	19.00

【FR1 n78 (27O)___FCC_Part 27O (3700~3800MHz)_Ant 9_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)
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Channel				650000		
Frequency (MHz)				3750		
100	PI/2 BPSK	1	1	18.25		19.00
100	PI/2 BPSK	1	137	18.19		19.00
100	PI/2 BPSK	1	271	18.19		19.00
100	PI/2 BPSK	135	0	18.19		19.00
100	PI/2 BPSK	135	69	18.20		19.00
100	PI/2 BPSK	135	138	18.14		19.00
100	PI/2 BPSK	270	0	18.19		19.00
100	QPSK	1	1	18.10		19.00
100	QPSK	1	137	18.13		19.00
100	QPSK	1	271	18.23		19.00
100	QPSK	135	0	18.24		19.00
100	QPSK	135	69	18.22		19.00
100	QPSK	135	138	18.13		19.00
100	QPSK	270	0	18.26		19.00
100	16QAM	1	1	18.17		19.00
100	64QAM	1	1	18.09		19.00
100	256QAM	1	1	18.13		19.00
Channel				649668	650000	650332
Frequency (MHz)				3745.02	3750	3754.98
90	PI/2 BPSK	1	1	18.21	18.23	18.22
Channel				649334	650000	650666
Frequency (MHz)				3740.01	3750	3759.99
80	PI/2 BPSK	1	1	18.12	18.10	18.07
Channel				649000	650000	651000
Frequency (MHz)				3735	3750	3765
70	PI/2 BPSK	1	1	18.06	18.18	18.19
Channel				648668	650000	651332
Frequency (MHz)				3730.02	3750	3769.98
60	PI/2 BPSK	1	1	18.18	18.19	18.12
Channel				648334	650000	651666
Frequency (MHz)				3725.01	3750	3774.99
50	PI/2 BPSK	1	1	18.15	18.19	18.12
Channel				648000	650000	652000
Frequency (MHz)				3720	3750	3780
40	PI/2 BPSK	1	1	18.06	18.14	18.17
Channel				647668	650000	652332
Frequency (MHz)				3715.02	3750	3784.98
30	PI/2 BPSK	1	1	18.15	18.14	18.16
Channel				647500	650000	652500
Frequency (MHz)				3712.5	3750	3787.5
25	PI/2 BPSK	1	1	18.17	18.10	18.08
Channel				647334	650000	652666
Frequency (MHz)				3710.01	3750	3789.99
20	PI/2 BPSK	1	1	18.14	18.10	18.12
Channel				647168	650000	652832
Frequency (MHz)				3707.52	3750	3792.48
15	PI/2 BPSK	1	1	18.13	18.19	18.15
Channel				647000	650000	653000
Frequency (MHz)				3705	3750	3795
10	PI/2 BPSK	1	1	18.10	18.17	18.09

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 9_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		23.68		25.00
100	PI/2 BPSK	1	137		23.46		25.00
100	PI/2 BPSK	1	271		23.50		25.00
100	PI/2 BPSK	135	0		23.61		25.00
100	PI/2 BPSK	135	69		23.67		25.00
100	PI/2 BPSK	135	138		23.62		25.00
100	PI/2 BPSK	270	0		23.57		25.00
100	QPSK	1	1		23.58		25.00
100	QPSK	1	137		23.54		25.00
100	QPSK	1	271		23.62		25.00
100	QPSK	135	0		23.60		25.00
100	QPSK	135	69		23.56		25.00
100	QPSK	135	138		23.61		25.00
100	QPSK	270	0		23.70		25.00
100	16QAM	1	1		23.54		25.00

100	64QAM	1	1		23.06		24.50
100	256QAM	1	1		21.13		22.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	23.51	23.59	23.49	25.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	23.47	23.50	23.43	25.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	23.36	23.52	23.36	25.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	23.40	23.56	23.39	25.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	23.38	23.58	23.39	25.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	23.46	23.47	23.46	25.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	23.42	23.53	23.41	25.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	23.36	23.53	23.37	25.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	23.39	23.51	23.40	25.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	23.45	23.51	23.39	25.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	23.47	23.56	23.35	25.00

【FR1 n78 (270)_FCC_Part 270 (3700~3800MHz)_Ant 9_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		24.16		25.00
100	PI/2 BPSK	1	137		23.98		25.00
100	PI/2 BPSK	1	271		24.04		25.00
100	PI/2 BPSK	135	0		24.08		25.00
100	PI/2 BPSK	135	69		24.12		25.00
100	PI/2 BPSK	135	138		24.08		25.00
100	PI/2 BPSK	270	0		24.01		25.00
100	QPSK	1	1		24.16		25.00
100	QPSK	1	137		24.04		25.00
100	QPSK	1	271		24.07		25.00
100	QPSK	135	0		24.10		25.00
100	QPSK	135	69		24.19		25.00
100	QPSK	135	138		24.14		25.00
100	QPSK	270	0		23.98		25.00
100	16QAM	1	1		24.09		25.00
100	64QAM	1	1		23.61		24.50
100	256QAM	1	1		21.59		22.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	24.07	24.09	23.98	25.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	24.03	24.07	23.96	25.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	23.99	24.02	23.90	25.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	24.04	23.99	23.94	25.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	23.92	23.99	23.97	25.00

Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	23.94	24.04	23.83	25.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	23.96	23.97	23.97	25.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	23.95	24.02	23.92	25.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	23.98	23.95	23.94	25.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	23.96	24.04	23.96	25.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	24.02	24.06	23.92	25.00

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 9_DSI
5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		16.30		17.50
100	PI/2 BPSK	1	137		16.10		17.50
100	PI/2 BPSK	1	271		16.11		17.50
100	PI/2 BPSK	135	0		16.18		17.50
100	PI/2 BPSK	135	69		16.28		17.50
100	PI/2 BPSK	135	138		16.27		17.50
100	PI/2 BPSK	270	0		16.23		17.50
100	QPSK	1	1		16.15		17.50
100	QPSK	1	137		16.24		17.50
100	QPSK	1	271		16.27		17.50
100	QPSK	135	0		16.25		17.50
100	QPSK	135	69		16.28		17.50
100	QPSK	135	138		16.27		17.50
100	QPSK	270	0		16.14		17.50
100	16QAM	1	1		16.10		17.50
100	64QAM	1	1		16.08		17.50
100	256QAM	1	1		16.06		17.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	16.27	16.29	16.25	17.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	16.18	16.28	16.17	17.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	16.14	16.21	16.23	17.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	16.14	16.22	16.11	17.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	16.23	16.20	16.17	17.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	16.21	16.20	16.23	17.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	16.25	16.18	16.19	17.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	16.14	16.24	16.13	17.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	16.14	16.26	16.15	17.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	16.20	16.26	16.19	17.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)

10	PI/2 BPSK	1	1	16.26	16.21	16.21	17.50
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【FR1 n78 (270)_FCC_Part 270 (3700~3800MHz)_Ant 9_DSI
5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		16.77		17.50
100	PI/2 BPSK	1	137		16.64		17.50
100	PI/2 BPSK	1	271		16.54		17.50
100	PI/2 BPSK	135	0		16.66		17.50
100	PI/2 BPSK	135	69		16.67		17.50
100	PI/2 BPSK	135	138		16.59		17.50
100	PI/2 BPSK	270	0		16.70		17.50
100	QPSK	1	1		16.75		17.50
100	QPSK	1	137		16.60		17.50
100	QPSK	1	271		16.75		17.50
100	QPSK	135	0		16.54		17.50
100	QPSK	135	69		16.69		17.50
100	QPSK	135	138		16.63		17.50
100	QPSK	270	0		16.66		17.50
100	16QAM	1	1		16.54		17.50
100	64QAM	1	1		16.74		17.50
100	256QAM	1	1		16.67		17.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	16.73	16.76	16.70	17.50
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	16.58	16.64	16.57	17.50
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	16.67	16.71	16.58	17.50
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	16.66	16.63	16.65	17.50
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	16.59	16.67	16.69	17.50
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	16.61	16.61	16.56	17.50
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	16.72	16.63	16.65	17.50
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	16.65	16.68	16.67	17.50
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	16.68	16.67	16.57	17.50
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	16.64	16.68	16.66	17.50
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	16.62	16.73	16.61	17.50

【FR1 n78 (27Q)_FCC_Part 27Q
(3450~3550MHz)_HPUE_Ant 9_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		19.41		20.50
100	PI/2 BPSK	1	137		19.12		20.50
100	PI/2 BPSK	1	271		19.00		20.50
100	PI/2 BPSK	135	0		19.23		20.50
100	PI/2 BPSK	135	69		19.27		20.50
100	PI/2 BPSK	135	138		19.19		20.50
100	PI/2 BPSK	270	0		19.11		20.50
100	QPSK	1	1		19.11		20.50
100	QPSK	1	137		19.30		20.50
100	QPSK	1	271		19.18		20.50
100	QPSK	135	0		19.24		20.50
100	QPSK	135	69		19.18		20.50
100	QPSK	135	138		19.20		20.50
100	QPSK	270	0		19.24		20.50
100	16QAM	1	1		19.00		20.50
100	64QAM	1	1		18.99		20.50
100	256QAM	1	1		19.01		20.50
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	19.37	19.39	19.36	20.50
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	19.27	19.32	19.30	20.50
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	19.27	19.28	19.30	20.50
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	19.30	19.27	19.31	20.50
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	19.26	19.29	19.32	20.50
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	19.32	19.33	19.29	20.50
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	19.28	19.25	19.31	20.50
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	19.32	19.30	19.30	20.50
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	19.26	19.37	19.31	20.50
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	19.30	19.33	19.27	20.50
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	19.26	19.36	19.21	20.50

【FR1 n78 (27O)_FCC_Part 27O
(3700~3800MHz)_HPUE_Ant 9_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		19.74		20.50
100	PI/2 BPSK	1	137		19.52		20.50
100	PI/2 BPSK	1	271		19.44		20.50
100	PI/2 BPSK	135	0		19.67		20.50
100	PI/2 BPSK	135	69		19.72		20.50
100	PI/2 BPSK	135	138		19.51		20.50
100	PI/2 BPSK	270	0		19.60		20.50
100	QPSK	1	1		19.65		20.50
100	QPSK	1	137		19.48		20.50

100	QPSK	1	271		19.65		20.50
100	QPSK	135	0		19.53		20.50
100	QPSK	135	69		19.70		20.50
100	QPSK	135	138		19.53		20.50
100	QPSK	270	0		19.70		20.50
100	16QAM	1	1		19.56		20.50
100	64QAM	1	1		19.76		20.50
100	256QAM	1	1		19.75		20.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	19.68	19.71	19.70	20.50
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	19.63	19.57	19.59	20.50
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	19.61	19.58	19.61	20.50
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	19.59	19.68	19.63	20.50
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	19.54	19.64	19.59	20.50
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	19.66	19.65	19.61	20.50
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	19.66	19.66	19.57	20.50
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	19.67	19.66	19.58	20.50
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	19.61	19.62	19.68	20.50
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	19.59	19.62	19.69	20.50
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	19.53	19.59	19.57	20.50

【FR1 n78 (27Q)_FCC_Part 27Q
(3450~3550MHz)_HPUE_Ant 9_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		20.74		22.00
100	PI/2 BPSK	1	137		20.56		22.00
100	PI/2 BPSK	1	271		20.70		22.00
100	PI/2 BPSK	135	0		20.62		22.00
100	PI/2 BPSK	135	69		20.64		22.00
100	PI/2 BPSK	135	138		20.60		22.00
100	PI/2 BPSK	270	0		20.66		22.00
100	QPSK	1	1		20.49		22.00
100	QPSK	1	137		20.74		22.00
100	QPSK	1	271		20.77		22.00
100	QPSK	135	0		20.70		22.00
100	QPSK	135	69		20.63		22.00
100	QPSK	135	138		20.68		22.00
100	QPSK	270	0		20.68		22.00
100	16QAM	1	1		20.73		22.00
100	64QAM	1	1		20.69		22.00
100	256QAM	1	1		20.50		22.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	20.70	20.73	20.68	22.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	20.62	20.62	20.57	22.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	20.59	20.63	20.63	22.00

Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	20.68	20.62	20.65	22.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	20.69	20.71	20.61	22.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	20.69	20.67	20.57	22.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	20.69	20.70	20.55	22.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	20.62	20.69	20.56	22.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	20.62	20.61	20.66	22.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	20.56	20.71	20.60	22.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	20.67	20.64	20.61	22.00

【FR1 n78 (270) _FCC_Part 270
(3700~3800MHz) _HPUE_Ant 9_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		21.29		22.00
100	PI/2 BPSK	1	137		21.13		22.00
100	PI/2 BPSK	1	271		21.25		22.00
100	PI/2 BPSK	135	0		21.22		22.00
100	PI/2 BPSK	135	69		21.25		22.00
100	PI/2 BPSK	135	138		21.22		22.00
100	PI/2 BPSK	270	0		21.20		22.00
100	QPSK	1	1		20.98		22.00
100	QPSK	1	137		21.22		22.00
100	QPSK	1	271		21.22		22.00
100	QPSK	135	0		21.25		22.00
100	QPSK	135	69		21.11		22.00
100	QPSK	135	138		21.03		22.00
100	QPSK	270	0		21.30		22.00
100	16QAM	1	1		21.19		22.00
100	64QAM	1	1		21.11		22.00
100	256QAM	1	1		21.15		22.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	20.24	20.27	20.22	22.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	20.19	20.15	20.12	22.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	20.17	20.19	20.14	22.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	20.17	20.21	20.20	22.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	20.19	20.18	20.10	22.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	20.18	20.16	20.14	22.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	20.21	20.16	20.20	22.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	20.13	20.18	20.21	22.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)

20	PI/2 BPSK	1	1	20.09	20.20	20.21	22.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	20.18	20.21	20.18	22.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	20.22	20.18	20.13	22.00

【FR1 n78 (27Q)_FCC_Part 27Q
(3450~3550MHz)_HPUE_Ant 9_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		25.54		27.00
100	PI/2 BPSK	1	137		25.39		27.00
100	PI/2 BPSK	1	271		25.51		27.00
100	PI/2 BPSK	135	0		24.96		26.50
100	PI/2 BPSK	135	69		25.50		27.00
100	PI/2 BPSK	135	138		24.59		26.50
100	PI/2 BPSK	270	0		24.97		26.50
100	QPSK	1	1		25.29		27.00
100	QPSK	1	137		25.26		27.00
100	QPSK	1	271		25.29		27.00
100	QPSK	135	0		24.57		26.00
100	QPSK	135	69		25.42		27.00
100	QPSK	135	138		24.21		26.00
100	QPSK	270	0		24.46		26.00
100	16QAM	1	1		24.50		26.00
100	64QAM	1	1		23.00		24.50
100	256QAM	1	1		21.02		22.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	25.43	25.51	25.47	27.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	25.34	25.48	25.34	27.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	25.30	25.43	25.33	27.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	25.37	25.39	25.35	27.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	25.35	25.38	25.43	27.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	25.30	25.38	25.46	27.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	25.32	25.39	25.43	27.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	25.36	25.42	25.41	27.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	25.33	25.42	25.40	27.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	25.38	25.47	25.42	27.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	25.38	25.36	25.46	27.00

【FR1 n78 (27O) _FCC_Part 27O
(3700~3800MHz)_HPUE_Ant 9_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		25.89		27.00
100	PI/2 BPSK	1	137		25.85		27.00
100	PI/2 BPSK	1	271		25.69		27.00
100	PI/2 BPSK	135	0		25.10		26.50
100	PI/2 BPSK	135	69		25.61		27.00
100	PI/2 BPSK	135	138		25.06		26.50
100	PI/2 BPSK	270	0		25.26		26.50
100	QPSK	1	1		25.51		27.00
100	QPSK	1	137		25.48		27.00
100	QPSK	1	271		25.53		27.00
100	QPSK	135	0		24.79		26.00
100	QPSK	135	69		25.62		27.00
100	QPSK	135	138		24.56		26.00
100	QPSK	270	0		24.76		26.00
100	16QAM	1	1		24.91		26.00
100	64QAM	1	1		23.37		24.50
100	256QAM	1	1		21.42		22.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	25.76	25.83	25.59	27.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	25.64	25.81	25.44	27.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	25.65	25.79	25.55	27.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	25.71	25.77	25.53	27.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	25.72	25.77	25.52	27.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	25.71	25.76	25.47	27.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	25.62	25.71	25.54	27.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	25.67	25.74	25.54	27.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	25.74	25.69	25.53	27.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	25.70	25.77	25.56	27.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	25.70	25.80	25.44	27.00

【FR1 n78 (27Q) _FCC_Part 27Q
(3450~3550MHz)_HPUE_Ant 9_DSI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		19.41		20.50
100	PI/2 BPSK	1	137		19.12		20.50
100	PI/2 BPSK	1	271		19.00		20.50
100	PI/2 BPSK	135	0		19.23		20.50
100	PI/2 BPSK	135	69		19.27		20.50
100	PI/2 BPSK	135	138		19.19		20.50
100	PI/2 BPSK	270	0		19.11		20.50
100	QPSK	1	1		19.11		20.50

100	QPSK	1	137		19.30		20.50
100	QPSK	1	271		19.18		20.50
100	QPSK	135	0		19.24		20.50
100	QPSK	135	69		19.18		20.50
100	QPSK	135	138		19.20		20.50
100	QPSK	270	0		19.24		20.50
100	16QAM	1	1		19.00		20.50
100	64QAM	1	1		18.99		20.50
100	256QAM	1	1		19.01		20.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	19.37	19.39	19.36	20.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	19.27	19.32	19.30	20.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	19.27	19.28	19.30	20.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	19.30	19.27	19.31	20.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	19.26	19.29	19.32	20.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	19.32	19.33	19.29	20.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	19.28	19.25	19.31	20.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	19.32	19.30	19.30	20.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	19.26	19.37	19.31	20.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	19.30	19.33	19.27	20.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	19.26	19.36	19.21	20.50

【FR1 n78 (270)_FCC_Part 270
(3700~3800MHz)_HPUE_Ant 9_DSI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		19.74		20.50
100	PI/2 BPSK	1	137		19.52		20.50
100	PI/2 BPSK	1	271		19.44		20.50
100	PI/2 BPSK	135	0		19.67		20.50
100	PI/2 BPSK	135	69		19.72		20.50
100	PI/2 BPSK	135	138		19.51		20.50
100	PI/2 BPSK	270	0		19.60		20.50
100	QPSK	1	1		19.65		20.50
100	QPSK	1	137		19.48		20.50
100	QPSK	1	271		19.65		20.50
100	QPSK	135	0		19.53		20.50
100	QPSK	135	69		19.70		20.50
100	QPSK	135	138		19.53		20.50
100	QPSK	270	0		19.70		20.50
100	16QAM	1	1		19.56		20.50
100	64QAM	1	1		19.76		20.50
100	256QAM	1	1		19.75		20.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	19.68	19.71	19.70	20.50
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	19.63	19.57	19.59	20.50
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)

70	PI/2 BPSK	1	1	19.61	19.58	19.61	20.50
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	19.59	19.68	19.63	20.50
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	19.54	19.64	19.59	20.50
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	19.66	19.65	19.61	20.50
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	19.66	19.66	19.57	20.50
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	19.67	19.66	19.58	20.50
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	19.61	19.62	19.68	20.50
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	19.59	19.62	19.69	20.50
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	19.53	19.59	19.57	20.50

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant
10_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		24.75		26.00
100	PI/2 BPSK	1	137		24.67		26.00
100	PI/2 BPSK	1	271		24.73		26.00
100	PI/2 BPSK	135	0		24.60		26.00
100	PI/2 BPSK	135	69		24.66		26.00
100	PI/2 BPSK	135	138		24.65		26.00
100	PI/2 BPSK	270	0		24.67		26.00
100	QPSK	1	1		24.62		26.00
100	QPSK	1	137		24.72		26.00
100	QPSK	1	271		24.68		26.00
100	QPSK	135	0		24.70		26.00
100	QPSK	135	69		24.73		26.00
100	QPSK	135	138		24.64		26.00
100	QPSK	270	0		24.79		26.00
100	16QAM	1	1		24.75		26.00
100	64QAM	1	1		24.16		25.50
100	256QAM	1	1		22.23		23.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	24.61	24.69	24.63	26.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	24.58	24.64	24.59	26.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	24.58	24.62	24.59	26.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	24.47	24.66	24.53	26.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	24.59	24.63	24.49	26.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	24.54	24.60	24.53	26.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	24.55	24.67	24.58	26.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	24.53	24.65	24.56	26.00
Channel				630668	633332	636000	Tune-up limit

Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	24.59	24.66	24.56	26.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	24.47	24.61	24.57	26.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	24.56	24.61	24.51	26.00

【FR1 n78 (27O) _FCC_Part 27O (3700~3800MHz)_Ant
10_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		25.00		26.00
100	PI/2 BPSK	1	137		24.93		26.00
100	PI/2 BPSK	1	271		24.88		26.00
100	PI/2 BPSK	135	0		24.29		26.00
100	PI/2 BPSK	135	69		24.79		26.00
100	PI/2 BPSK	135	138		24.40		26.00
100	PI/2 BPSK	270	0		24.30		26.00
100	QPSK	1	1		24.76		26.00
100	QPSK	1	137		24.71		26.00
100	QPSK	1	271		24.89		26.00
100	QPSK	135	0		24.74		26.00
100	QPSK	135	69		24.73		26.00
100	QPSK	135	138		24.73		26.00
100	QPSK	270	0		24.55		26.00
100	16QAM	1	1		24.56		26.00
100	64QAM	1	1		23.98		25.50
100	256QAM	1	1		21.99		23.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	24.89	24.96	24.91	26.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	24.75	24.84	24.77	26.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	24.79	24.89	24.81	26.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	24.81	24.89	24.85	26.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	24.83	24.81	24.83	26.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	24.84	24.94	24.85	26.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	24.87	24.82	24.83	26.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	24.74	24.94	24.90	26.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	24.77	24.89	24.83	26.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	24.76	24.95	24.81	26.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	24.77	24.89	24.89	26.00

【FR1 n78 (27Q) _FCC_Part 27Q
(3450~3550MHz)_HPUE_Ant 10_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)
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Channel				633332		
Frequency (MHz)				3499.98		
100	PI/2 BPSK	1	1	26.68		28.00
100	PI/2 BPSK	1	137	26.56		28.00
100	PI/2 BPSK	1	271	26.66		28.00
100	PI/2 BPSK	135	0	26.15		27.50
100	PI/2 BPSK	135	69	26.63		28.00
100	PI/2 BPSK	135	138	26.18		27.50
100	PI/2 BPSK	270	0	26.11		27.50
100	QPSK	1	1	26.63		28.00
100	QPSK	1	137	26.54		28.00
100	QPSK	1	271	26.74		28.00
100	QPSK	135	0	25.59		27.00
100	QPSK	135	69	26.52		28.00
100	QPSK	135	138	25.61		27.00
100	QPSK	270	0	25.61		27.00
100	16QAM	1	1	25.61		27.00
100	64QAM	1	1	23.69		25.50
100	256QAM	1	1	21.63		23.50
Channel				633000	633332	633666
Frequency (MHz)				3495	3499.98	3504.99
90	PI/2 BPSK	1	1	26.56	26.63	26.61
Channel				632668	633332	634000
Frequency (MHz)				3490.02	3499.98	3510
80	PI/2 BPSK	1	1	26.45	26.53	26.52
Channel				632334	633332	634332
Frequency (MHz)				3485.01	3499.98	3514.98
70	PI/2 BPSK	1	1	26.53	26.56	26.51
Channel				632000	633332	634666
Frequency (MHz)				3480	3499.98	3519.99
60	PI/2 BPSK	1	1	26.49	26.61	26.48
Channel				631668	633332	635000
Frequency (MHz)				3475.02	3499.98	3525
50	PI/2 BPSK	1	1	26.49	26.58	26.58
Channel				631334	633332	635332
Frequency (MHz)				3470.01	3499.98	3529.98
40	PI/2 BPSK	1	1	26.42	26.56	26.48
Channel				631000	633332	635666
Frequency (MHz)				3465	3499.98	3534.99
30	PI/2 BPSK	1	1	26.42	26.55	26.47
Channel				630834	633332	635832
Frequency (MHz)				3462.51	3499.98	3537.48
25	PI/2 BPSK	1	1	26.51	26.50	26.57
Channel				630668	633332	636000
Frequency (MHz)				3460.02	3499.98	3540
20	PI/2 BPSK	1	1	26.44	26.58	26.59
Channel				630500	633332	636166
Frequency (MHz)				3457.5	3499.98	3542.49
15	PI/2 BPSK	1	1	26.47	26.49	26.58
Channel				630334	633332	636332
Frequency (MHz)				3455.01	3499.98	3544.98
10	PI/2 BPSK	1	1	26.47	26.58	26.51

【FR1 n78 (270)_FCC_Part 270

(3700~3800MHz)_HPUE_Ant 10_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		26.82		28.00
100	PI/2 BPSK	1	137		26.81		28.00
100	PI/2 BPSK	1	271		26.79		28.00
100	PI/2 BPSK	135	0		26.12		27.50
100	PI/2 BPSK	135	69		26.75		28.00
100	PI/2 BPSK	135	138		25.89		27.50
100	PI/2 BPSK	270	0		26.27		27.50
100	QPSK	1	1		26.44		28.00
100	QPSK	1	137		26.51		28.00
100	QPSK	1	271		26.57		28.00
100	QPSK	135	0		25.85		27.00
100	QPSK	135	69		26.59		28.00
100	QPSK	135	138		25.65		27.00
100	QPSK	270	0		25.81		27.00
100	16QAM	1	1		25.89		27.00