

【FR1 n41_FCC_HPUE_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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	19.18	19.25	19.24	20.50
100	PI/2 BPSK	1	137	18.94	19.12	19.04	20.50
100	PI/2 BPSK	1	271	19.09	19.22	19.08	20.50
100	PI/2 BPSK	135	0	19.06	19.14	19.06	20.50
100	PI/2 BPSK	135	69	19.10	19.17	19.13	20.50
100	PI/2 BPSK	135	138	19.02	19.19	19.11	20.50
100	PI/2 BPSK	270	0	19.03	19.17	19.03	20.50
100	QPSK	1	1	19.04	19.23	19.11	20.50
100	QPSK	1	137	18.98	19.15	19.07	20.50
100	QPSK	1	271	19.03	19.12	19.01	20.50
100	QPSK	135	0	19.00	19.13	19.08	20.50
100	QPSK	135	69	18.98	19.11	19.09	20.50
100	QPSK	135	138	18.93	19.13	19.07	20.50
100	QPSK	270	0	19.01	19.20	19.17	20.50
100	16QAM	1	1	19.05	19.14	19.07	20.50
100	64QAM	1	1	19.01	19.14	19.10	20.50
100	256QAM	1	1	19.12	19.21	19.10	20.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	19.08	19.12	19.16	20.50
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	19.03	19.17	19.17	20.50
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	19.17	19.17	19.20	20.50
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	19.06	19.14	19.17	20.50
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	19.15	19.24	19.19	20.50
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	19.05	19.13	19.14	20.50
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	19.07	19.18	19.09	20.50
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	19.16	19.22	19.11	20.50
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	19.13	19.13	19.18	20.50
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	19.11	19.21	19.15	20.50
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	19.14	19.23	19.11	20.50
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	19.14	19.13	19.17	20.50
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	19.17	19.14	19.12	20.50

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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	19.05	19.11	19.08	20.50
100	PI/2 BPSK	1	137	18.89	19.01	18.88	20.50
100	PI/2 BPSK	1	271	18.89	19.07	19.00	20.50
100	PI/2 BPSK	135	0	18.87	19.06	19.00	20.50
100	PI/2 BPSK	135	69	18.92	19.09	18.92	20.50
100	PI/2 BPSK	135	138	18.94	19.10	19.04	20.50

100	PI/2 BPSK	270	0	18.88	19.03	18.88	20.50
100	QPSK	1	1	18.89	19.00	18.96	20.50
100	QPSK	1	137	18.97	19.08	18.96	20.50
100	QPSK	1	271	18.90	19.09	19.04	20.50
100	QPSK	135	0	18.63	18.77	18.63	20.40
100	QPSK	135	69	18.82	18.99	18.91	20.50
100	QPSK	135	138	18.51	18.65	18.56	20.40
100	QPSK	270	0	18.47	18.54	18.41	20.40
100	16QAM	1	1	18.74	18.82	18.69	20.40
100	64QAM	1	1	17.15	17.28	17.11	18.90
100	256QAM	1	1	15.24	15.30	14.97	16.90
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	18.95	19.09	19.04	20.50
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	18.93	19.09	19.06	20.50
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	18.99	19.01	18.98	20.50
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	18.98	18.99	18.95	20.50
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	19.01	19.05	18.94	20.50
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	18.97	19.04	18.94	20.50
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	18.92	18.98	18.95	20.50
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	18.98	19.08	19.06	20.50
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	19.03	19.10	19.01	20.50
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	18.94	18.96	19.02	20.50
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	19.01	18.99	19.02	20.50
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	18.92	19.06	19.06	20.50
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	18.94	19.10	18.95	20.50

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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	20.19	20.26	20.25	21.50
100	PI/2 BPSK	1	137	20.08	20.18	20.06	21.50
100	PI/2 BPSK	1	271	20.04	20.17	20.05	21.50
100	PI/2 BPSK	135	0	20.10	20.19	20.08	21.50
100	PI/2 BPSK	135	69	20.12	20.19	20.18	21.50
100	PI/2 BPSK	135	138	19.98	20.16	20.12	21.50
100	PI/2 BPSK	270	0	20.01	20.14	20.06	21.50
100	QPSK	1	1	20.14	20.23	20.17	21.50
100	QPSK	1	137	19.96	20.12	20.03	21.50
100	QPSK	1	271	20.03	20.14	19.99	21.50
100	QPSK	135	0	20.01	20.12	20.10	21.50
100	QPSK	135	69	20.11	20.20	20.06	21.50
100	QPSK	135	138	20.10	20.22	20.16	21.50
100	QPSK	270	0	20.12	20.22	20.07	21.50
100	16QAM	1	1	19.95	20.14	20.06	21.50
100	64QAM	1	1	20.00	20.11	19.97	21.50
100	256QAM	1	1	20.11	20.20	20.17	21.50
Channel				508200	518598	528996	Tune-up limit

		Frequency (MHz)			2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1		20.09	20.11	20.14	21.50
		Channel			507204	518598	529998	Tune-up limit
		Frequency (MHz)			2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1		20.07	20.21	20.22	21.50
		Channel			506202	518598	531000	Tune-up limit
		Frequency (MHz)			2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1		20.11	20.11	20.23	21.50
		Channel			505200	518598	531996	Tune-up limit
		Frequency (MHz)			2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1		20.17	20.20	20.11	21.50
		Channel			504204	518598	532998	Tune-up limit
		Frequency (MHz)			2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1		20.14	20.21	20.23	21.50
		Channel			503700	518598	533496	Tune-up limit
		Frequency (MHz)			2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1		20.18	20.12	20.15	21.50
		Channel			503202	518598	534000	Tune-up limit
		Frequency (MHz)			2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1		20.09	20.21	20.19	21.50
		Channel			502704	518598	534498	Tune-up limit
		Frequency (MHz)			2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1		20.09	20.23	20.12	21.50
		Channel			502200	518598	534996	Tune-up limit
		Frequency (MHz)			2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1		20.16	20.13	20.10	21.50
		Channel			501702	518598	535500	Tune-up limit
		Frequency (MHz)			2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1		20.08	20.17	20.20	21.50
		Channel			501204	518598	535998	Tune-up limit
		Frequency (MHz)			2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1		20.05	20.13	20.21	21.50
		Channel			500700	518598	536496	Tune-up limit
		Frequency (MHz)			2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1		20.13	20.16	20.18	21.50
		Channel			500202	518598	537000	Tune-up limit
		Frequency (MHz)			2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1		20.12	20.14	20.22	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	
		Frequency (MHz)		2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	19.85	19.88	19.82	21.40
100	PI/2 BPSK	1	137	19.61	19.69	19.54	21.40
100	PI/2 BPSK	1	271	19.70	19.86	19.77	21.40
100	PI/2 BPSK	135	0	19.15	19.24	19.06	20.90
100	PI/2 BPSK	135	69	19.66	19.73	19.57	21.40
100	PI/2 BPSK	135	138	19.37	19.41	19.33	20.90
100	PI/2 BPSK	270	0	19.22	19.26	19.12	20.90
100	QPSK	1	1	19.56	19.72	19.65	21.40
100	QPSK	1	137	19.50	19.62	19.43	21.40
100	QPSK	1	271	19.61	19.76	19.56	21.40
100	QPSK	135	0	18.63	18.77	18.63	20.40
100	QPSK	135	69	19.45	19.59	19.44	21.40
100	QPSK	135	138	18.51	18.65	18.56	20.40
100	QPSK	270	0	18.47	18.54	18.41	20.40
100	16QAM	1	1	18.74	18.82	18.69	20.40
100	64QAM	1	1	17.15	17.28	17.11	18.90
100	256QAM	1	1	15.24	15.30	14.97	16.90
		Channel		508200	518598	528996	Tune-up limit
		Frequency (MHz)		2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	19.50	19.49	19.46	21.40
		Channel		507204	518598	529998	Tune-up limit
		Frequency (MHz)		2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	19.56	19.58	19.51	21.40
		Channel		506202	518598	531000	Tune-up limit
		Frequency (MHz)		2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	19.53	19.52	19.55	21.40
		Channel		505200	518598	531996	Tune-up limit
		Frequency (MHz)		2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	19.48	19.58	19.47	21.40
		Channel		504204	518598	532998	Tune-up limit

	Frequency (MHz)			2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	19.49	19.56	19.45	21.40
	Channel			503700	518598	533496	Tune-up limit
	Frequency (MHz)			2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	19.47	19.61	19.55	21.40
	Channel			503202	518598	534000	Tune-up limit
	Frequency (MHz)			2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	19.56	19.56	19.51	21.40
	Channel			502704	518598	534498	Tune-up limit
	Frequency (MHz)			2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	19.52	19.61	19.51	21.40
	Channel			502200	518598	534996	Tune-up limit
	Frequency (MHz)			2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	19.51	19.59	19.42	21.40
	Channel			501702	518598	535500	Tune-up limit
	Frequency (MHz)			2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	19.58	19.56	19.48	21.40
	Channel			501204	518598	535998	Tune-up limit
	Frequency (MHz)			2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	19.50	19.56	19.55	21.40
	Channel			500700	518598	536496	Tune-up limit
	Frequency (MHz)			2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	19.58	19.54	19.56	21.40
	Channel			500202	518598	537000	Tune-up limit
	Frequency (MHz)			2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	19.51	19.48	19.54	21.40

【FR1 n41__FCC_HPUE_Ant 4_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			509202	518598	528000	
	Frequency (MHz)			2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	26.28	26.30	26.20	27.50
100	PI/2 BPSK	1	137	25.93	26.04	25.89	27.50
100	PI/2 BPSK	1	271	26.22	26.28	26.13	27.50
100	PI/2 BPSK	135	0	25.42	25.55	25.32	27.00
100	PI/2 BPSK	135	69	25.88	26.03	25.91	27.50
100	PI/2 BPSK	135	138	25.50	25.64	25.42	27.00
100	PI/2 BPSK	270	0	25.53	25.66	25.51	27.00
100	QPSK	1	1	26.02	26.16	26.04	27.50
100	QPSK	1	137	25.86	25.92	25.71	27.50
100	QPSK	1	271	26.13	26.29	26.08	27.50
100	QPSK	135	0	24.83	24.98	24.80	26.50
100	QPSK	135	69	25.83	25.98	25.80	27.50
100	QPSK	135	138	25.05	25.15	24.96	26.50
100	QPSK	270	0	24.98	25.13	24.97	26.50
100	16QAM	1	1	25.20	25.23	25.05	26.50
100	64QAM	1	1	23.51	23.65	23.54	25.00
100	256QAM	1	1	21.61	21.66	21.45	23.00
	Channel			508200	518598	528996	Tune-up limit
	Frequency (MHz)			2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	26.15	26.21	26.10	27.50
	Channel			507204	518598	529998	Tune-up limit
	Frequency (MHz)			2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	26.16	26.27	26.17	27.50
	Channel			506202	518598	531000	Tune-up limit
	Frequency (MHz)			2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	26.24	26.22	26.18	27.50
	Channel			505200	518598	531996	Tune-up limit
	Frequency (MHz)			2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	26.24	26.16	26.13	27.50
	Channel			504204	518598	532998	Tune-up limit
	Frequency (MHz)			2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	26.21	26.23	26.11	27.50
	Channel			503700	518598	533496	Tune-up limit
	Frequency (MHz)			2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	26.16	26.23	26.06	27.50
	Channel			503202	518598	534000	Tune-up limit
	Frequency (MHz)			2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	26.18	26.16	26.17	27.50
	Channel			502704	518598	534498	Tune-up limit
	Frequency (MHz)			2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	26.16	26.23	26.07	27.50
	Channel			502200	518598	534996	Tune-up limit

Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	26.19	26.28	26.10	27.50
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	26.22	26.27	26.13	27.50
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	26.21	26.18	26.18	27.50
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	26.23	26.25	26.16	27.50
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	26.20	26.17	26.16	27.50

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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	19.85	19.88	19.82	21.40
100	PI/2 BPSK	1	137	19.61	19.69	19.54	21.40
100	PI/2 BPSK	1	271	19.70	19.86	19.77	21.40
100	PI/2 BPSK	135	0	19.15	19.24	19.06	20.90
100	PI/2 BPSK	135	69	19.66	19.73	19.57	21.40
100	PI/2 BPSK	135	138	19.37	19.41	19.33	20.90
100	PI/2 BPSK	270	0	19.22	19.26	19.12	20.90
100	QPSK	1	1	19.56	19.72	19.65	21.40
100	QPSK	1	137	19.50	19.62	19.43	21.40
100	QPSK	1	271	19.61	19.76	19.56	21.40
100	QPSK	135	0	18.63	18.77	18.63	20.40
100	QPSK	135	69	19.45	19.59	19.44	21.40
100	QPSK	135	138	18.51	18.65	18.56	20.40
100	QPSK	270	0	18.47	18.54	18.41	20.40
100	16QAM	1	1	18.74	18.82	18.69	20.40
100	64QAM	1	1	17.15	17.28	17.11	18.90
100	256QAM	1	1	15.24	15.30	14.97	16.90
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	19.50	19.49	19.46	21.40
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	19.56	19.58	19.51	21.40
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	19.53	19.52	19.55	21.40
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	19.48	19.58	19.47	21.40
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	19.49	19.56	19.45	21.40
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	19.47	19.61	19.55	21.40
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	19.56	19.56	19.51	21.40
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	19.52	19.61	19.51	21.40
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	19.51	19.59	19.42	21.40
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	19.58	19.56	19.48	21.40
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	19.50	19.56	19.55	21.40
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	19.58	19.54	19.56	21.40
Channel				500202	518598	537000	Tune-up limit

	Frequency (MHz)			2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	19.51	19.48	19.54	21.40

【FR1 n41__FCC_HPUE_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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	19.18	19.25	19.24	20.50
100	PI/2 BPSK	1	137	18.94	19.12	19.04	20.50
100	PI/2 BPSK	1	271	19.09	19.22	19.08	20.50
100	PI/2 BPSK	135	0	19.06	19.14	19.06	20.50
100	PI/2 BPSK	135	69	19.10	19.17	19.13	20.50
100	PI/2 BPSK	135	138	19.02	19.19	19.11	20.50
100	PI/2 BPSK	270	0	19.03	19.17	19.03	20.50
100	QPSK	1	1	19.04	19.23	19.11	20.50
100	QPSK	1	137	18.98	19.15	19.07	20.50
100	QPSK	1	271	19.03	19.12	19.01	20.50
100	QPSK	135	0	19.00	19.13	19.08	20.50
100	QPSK	135	69	18.98	19.11	19.09	20.50
100	QPSK	135	138	18.93	19.13	19.07	20.50
100	QPSK	270	0	19.01	19.20	19.17	20.50
100	16QAM	1	1	19.05	19.14	19.07	20.50
100	64QAM	1	1	19.01	19.14	19.10	20.50
100	256QAM	1	1	19.12	19.21	19.10	20.50
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	19.08	19.12	19.16	20.50
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	19.03	19.17	19.17	20.50
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	19.17	19.17	19.20	20.50
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	19.06	19.14	19.17	20.50
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	19.15	19.24	19.19	20.50
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	19.05	19.13	19.14	20.50
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	19.07	19.18	19.09	20.50
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	19.16	19.22	19.11	20.50
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	19.13	19.13	19.18	20.50
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	19.11	19.21	19.15	20.50
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	19.14	19.23	19.11	20.50
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	19.14	19.13	19.17	20.50
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	19.17	19.14	19.12	20.50

【FR1 n41_FCC_HPUE_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				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	19.05	19.11	19.08	20.50
100	PI/2 BPSK	1	137	18.89	19.01	18.88	20.50
100	PI/2 BPSK	1	271	18.89	19.07	19.00	20.50
100	PI/2 BPSK	135	0	18.87	19.06	19.00	20.50
100	PI/2 BPSK	135	69	18.92	19.09	18.92	20.50
100	PI/2 BPSK	135	138	18.94	19.10	19.04	20.50
100	PI/2 BPSK	270	0	18.88	19.03	18.88	20.50
100	QPSK	1	1	18.89	19.00	18.96	20.50
100	QPSK	1	137	18.97	19.08	18.96	20.50
100	QPSK	1	271	18.90	19.09	19.04	20.50
100	QPSK	135	0	18.63	18.77	18.63	20.40
100	QPSK	135	69	18.82	18.99	18.91	20.50
100	QPSK	135	138	18.51	18.65	18.56	20.40
100	QPSK	270	0	18.47	18.54	18.41	20.40
100	16QAM	1	1	18.74	18.82	18.69	20.40
100	64QAM	1	1	17.15	17.28	17.11	18.90
100	256QAM	1	1	15.24	15.30	14.97	16.90
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	18.95	19.09	19.04	20.50
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	18.93	19.09	19.06	20.50
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	18.99	19.01	18.98	20.50
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	18.98	18.99	18.95	20.50
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	19.01	19.05	18.94	20.50
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	18.97	19.04	18.94	20.50
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	18.92	18.98	18.95	20.50
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	18.98	19.08	19.06	20.50
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	19.03	19.10	19.01	20.50
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	18.94	18.96	19.02	20.50
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	19.01	18.99	19.02	20.50
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	18.92	19.06	19.06	20.50
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	18.94	19.10	18.95	20.50

【FR1 n41__FCC_Ant 5_Default】

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	25.27	25.30	25.24	25.70
100	PI/2 BPSK	1	137	25.09	25.21	25.10	25.70
100	PI/2 BPSK	1	271	24.58	24.72	24.52	25.70
100	PI/2 BPSK	135	0	24.49	24.56	24.43	25.20
100	PI/2 BPSK	135	69	25.08	25.18	25.05	25.70
100	PI/2 BPSK	135	138	24.29	24.41	24.31	25.20
100	PI/2 BPSK	270	0	24.32	24.43	24.32	25.20
100	QPSK	1	1	25.01	25.16	25.05	25.70
100	QPSK	1	137	24.70	24.78	24.62	25.70
100	QPSK	1	271	24.43	24.51	24.31	25.70
100	QPSK	135	0	24.06	24.22	24.02	24.70
100	QPSK	135	69	24.71	24.88	24.68	25.70
100	QPSK	135	138	23.87	23.93	23.86	24.70
100	QPSK	270	0	24.00	24.16	24.02	24.70
100	16QAM	1	1	24.04	24.10	24.03	24.70
100	64QAM	1	1	22.47	22.60	22.49	23.20
100	256QAM	1	1	20.46	20.55	20.46	21.20
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	25.19	25.18	25.17	25.70
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	25.23	25.24	25.20	25.70
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	25.15	25.27	25.19	25.70
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	25.21	25.23	25.23	25.70
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	25.21	25.22	25.19	25.70
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	25.19	25.25	25.16	25.70
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	25.25	25.20	25.11	25.70
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	25.20	25.16	25.15	25.70
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	25.18	25.17	25.09	25.70
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	25.15	25.16	25.16	25.70
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	25.15	25.19	25.17	25.70
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	25.18	25.26	25.18	25.70
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	25.14	25.28	25.18	25.70

【FR1 n41__FCC_Ant 5_default】

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	17.70	17.89	17.73	19.40
100	PI/2 BPSK	1	137	17.23	17.52	17.32	19.40
100	PI/2 BPSK	1	271	17.63	17.86	17.62	19.40
100	PI/2 BPSK	135	0	16.83	17.12	16.93	18.90
100	PI/2 BPSK	135	69	17.51	17.76	17.56	19.40
100	PI/2 BPSK	135	138	16.91	17.17	16.95	18.90
100	PI/2 BPSK	270	0	17.15	17.10	16.90	18.90
100	QPSK	1	1	17.32	17.64	17.39	19.40
100	QPSK	1	137	17.24	17.44	17.20	19.40
100	QPSK	1	271	16.90	17.18	16.89	19.40
100	QPSK	135	0	16.28	16.59	16.39	18.40
100	QPSK	135	69	17.13	17.38	17.12	19.40
100	QPSK	135	138	16.21	16.43	16.23	18.40
100	QPSK	270	0	16.47	16.53	16.42	18.40
100	16QAM	1	1	16.31	16.63	16.36	18.40
100	64QAM	1	1	14.78	15.09	14.82	16.90
100	256QAM	1	1	12.90	13.14	13.01	14.90
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	17.58	17.81	17.67	19.40
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	17.56	17.79	17.63	19.40
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	17.59	17.84	17.62	19.40
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	17.64	17.84	17.71	19.40
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	17.63	17.83	17.68	19.40
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	17.58	17.75	17.62	19.40
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	17.56	17.79	17.66	19.40
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	17.66	17.75	17.62	19.40
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	17.63	17.87	17.65	19.40
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	17.65	17.86	17.70	19.40
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	17.67	17.77	17.60	19.40
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	17.58	17.78	17.60	19.40
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	17.58	17.76	17.64	19.40

【FR1 n41__FCC_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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	17.25	17.29	17.23	17.70
100	PI/2 BPSK	1	137	17.05	17.19	16.98	17.70
100	PI/2 BPSK	1	271	17.10	17.19	17.03	17.70
100	PI/2 BPSK	135	0	17.19	17.25	17.10	17.70
100	PI/2 BPSK	135	69	17.22	17.26	17.16	17.70
100	PI/2 BPSK	135	138	17.05	17.16	16.99	17.70
100	PI/2 BPSK	270	0	17.03	17.19	17.02	17.70
100	QPSK	1	1	17.07	17.22	17.04	17.70
100	QPSK	1	137	16.97	17.15	16.95	17.70
100	QPSK	1	271	17.09	17.18	17.04	17.70
100	QPSK	135	0	17.07	17.23	17.07	17.70
100	QPSK	135	69	17.04	17.16	17.06	17.70
100	QPSK	135	138	16.96	17.15	17.08	17.70
100	QPSK	270	0	17.07	17.17	17.05	17.70
100	16QAM	1	1	17.03	17.16	17.04	17.70
100	64QAM	1	1	17.04	17.22	17.13	17.70
100	256QAM	1	1	17.09	17.20	17.00	17.70
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	17.13	17.18	17.11	17.70
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	17.17	17.26	17.21	17.70
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	17.13	17.25	17.16	17.70
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	17.17	17.19	17.09	17.70
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	17.14	17.15	17.14	17.70
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	17.13	17.22	17.14	17.70
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	17.13	17.19	17.10	17.70
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	17.20	17.20	17.11	17.70
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	17.17	17.21	17.19	17.70
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	17.17	17.23	17.17	17.70
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	17.19	17.16	17.19	17.70
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	17.19	17.28	17.11	17.70
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	17.17	17.21	17.08	17.70

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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	17.02	17.12	17.09	18.50
100	PI/2 BPSK	1	137	16.85	17.07	16.90	18.50
100	PI/2 BPSK	1	271	16.79	17.02	16.96	18.50
100	PI/2 BPSK	135	0	16.92	17.02	17.02	18.50
100	PI/2 BPSK	135	69	16.93	17.09	16.99	18.50
100	PI/2 BPSK	135	138	16.79	17.01	16.86	18.50
100	PI/2 BPSK	270	0	16.83	17.04	16.98	18.50
100	QPSK	1	1	16.94	17.06	16.90	18.50
100	QPSK	1	137	16.95	17.10	17.05	18.50
100	QPSK	1	271	16.97	17.08	16.98	18.50
100	QPSK	135	0	16.28	16.59	16.39	18.40
100	QPSK	135	69	16.93	17.08	17.04	18.50
100	QPSK	135	138	16.21	16.43	16.23	18.40
100	QPSK	270	0	16.47	16.53	16.42	18.40
100	16QAM	1	1	16.31	16.63	16.36	18.40
100	64QAM	1	1	14.78	15.09	14.82	16.90
100	256QAM	1	1	12.90	13.14	13.01	14.90
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	16.99	17.06	16.96	18.50
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	16.97	16.99	17.07	18.50
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	16.92	17.05	17.01	18.50
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	16.89	17.05	17.08	18.50
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	16.92	17.08	17.03	18.50
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	16.89	17.08	17.06	18.50
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	16.87	17.00	17.06	18.50
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	16.99	17.09	16.99	18.50
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	17.01	16.97	17.08	18.50
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	17.01	17.05	17.05	18.50
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	16.99	17.01	17.01	18.50
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	16.97	16.97	16.95	18.50
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	16.94	17.01	17.06	18.50

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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	18.72	18.76	18.71	19.20
100	PI/2 BPSK	1	137	18.54	18.63	18.47	19.20
100	PI/2 BPSK	1	271	18.52	18.69	18.63	19.20
100	PI/2 BPSK	135	0	18.62	18.72	18.64	19.20
100	PI/2 BPSK	135	69	18.68	18.74	18.67	19.20
100	PI/2 BPSK	135	138	18.56	18.73	18.66	19.20
100	PI/2 BPSK	270	0	18.59	18.69	18.58	19.20
100	QPSK	1	1	18.49	18.67	18.60	19.20
100	QPSK	1	137	18.45	18.62	18.54	19.20
100	QPSK	1	271	18.56	18.72	18.57	19.20
100	QPSK	135	0	18.49	18.64	18.50	19.20
100	QPSK	135	69	18.50	18.63	18.45	19.20
100	QPSK	135	138	18.51	18.70	18.55	19.20
100	QPSK	270	0	18.60	18.68	18.62	19.20
100	16QAM	1	1	18.58	18.68	18.48	19.20
100	64QAM	1	1	18.64	18.73	18.57	19.20
100	256QAM	1	1	18.59	18.70	18.58	19.20
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	18.71	18.72	18.62	19.20
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	18.63	18.63	18.66	19.20
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	18.64	18.73	18.58	19.20
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	18.58	18.75	18.57	19.20
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	18.66	18.65	18.66	19.20
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	18.63	18.68	18.67	19.20
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	18.69	18.66	18.61	19.20
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	18.70	18.68	18.66	19.20
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	18.62	18.75	18.69	19.20
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	18.65	18.73	18.60	19.20
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	18.61	18.70	18.64	19.20
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	18.61	18.65	18.61	19.20
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	18.60	18.64	18.69	19.20

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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	17.70	17.89	17.73	19.40
100	PI/2 BPSK	1	137	17.23	17.52	17.32	19.40
100	PI/2 BPSK	1	271	17.63	17.86	17.62	19.40
100	PI/2 BPSK	135	0	16.83	17.12	16.93	18.90
100	PI/2 BPSK	135	69	17.51	17.76	17.56	19.40
100	PI/2 BPSK	135	138	16.91	17.17	16.95	18.90
100	PI/2 BPSK	270	0	17.15	17.10	16.90	18.90
100	QPSK	1	1	17.32	17.64	17.39	19.40
100	QPSK	1	137	17.24	17.44	17.20	19.40
100	QPSK	1	271	16.90	17.18	16.89	19.40
100	QPSK	135	0	16.28	16.59	16.39	18.40
100	QPSK	135	69	17.13	17.38	17.12	19.40
100	QPSK	135	138	16.21	16.43	16.23	18.40
100	QPSK	270	0	16.47	16.53	16.42	18.40
100	16QAM	1	1	16.31	16.63	16.36	18.40
100	64QAM	1	1	14.78	15.09	14.82	16.90
100	256QAM	1	1	12.90	13.14	13.01	14.90
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	17.58	17.81	17.67	19.40
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	17.56	17.79	17.63	19.40
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	17.59	17.84	17.62	19.40
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	17.64	17.84	17.71	19.40
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	17.63	17.83	17.68	19.40
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	17.58	17.75	17.62	19.40
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	17.56	17.79	17.66	19.40
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	17.66	17.75	17.62	19.40
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	17.63	17.87	17.65	19.40
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	17.65	17.86	17.70	19.40
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	17.67	17.77	17.60	19.40
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	17.58	17.78	17.60	19.40
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	17.58	17.76	17.64	19.40

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	18.72	18.76	18.71	19.20
100	PI/2 BPSK	1	137	18.54	18.63	18.47	19.20
100	PI/2 BPSK	1	271	18.52	18.69	18.63	19.20
100	PI/2 BPSK	135	0	18.62	18.72	18.64	19.20
100	PI/2 BPSK	135	69	18.68	18.74	18.67	19.20
100	PI/2 BPSK	135	138	18.56	18.73	18.66	19.20
100	PI/2 BPSK	270	0	18.59	18.69	18.58	19.20
100	QPSK	1	1	18.49	18.67	18.60	19.20
100	QPSK	1	137	18.45	18.62	18.54	19.20
100	QPSK	1	271	18.56	18.72	18.57	19.20
100	QPSK	135	0	18.49	18.64	18.50	19.20
100	QPSK	135	69	18.50	18.63	18.45	19.20
100	QPSK	135	138	18.51	18.70	18.55	19.20
100	QPSK	270	0	18.60	18.68	18.62	19.20
100	16QAM	1	1	18.58	18.68	18.48	19.20
100	64QAM	1	1	18.64	18.73	18.57	19.20
100	256QAM	1	1	18.59	18.70	18.58	19.20
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	18.71	18.72	18.62	19.20
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	18.63	18.63	18.66	19.20
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	18.64	18.73	18.58	19.20
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	18.58	18.75	18.57	19.20
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	18.66	18.65	18.66	19.20
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	18.63	18.68	18.67	19.20
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	18.69	18.66	18.61	19.20
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	18.70	18.68	18.66	19.20
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	18.62	18.75	18.69	19.20
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	18.65	18.73	18.60	19.20
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	18.61	18.70	18.64	19.20
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	18.61	18.65	18.61	19.20
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	18.60	18.64	18.69	19.20

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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	17.70	17.89	17.73	19.40
100	PI/2 BPSK	1	137	17.23	17.52	17.32	19.40
100	PI/2 BPSK	1	271	17.63	17.86	17.62	19.40
100	PI/2 BPSK	135	0	16.83	17.12	16.93	18.90
100	PI/2 BPSK	135	69	17.51	17.76	17.56	19.40
100	PI/2 BPSK	135	138	16.91	17.17	16.95	18.90
100	PI/2 BPSK	270	0	17.15	17.10	16.90	18.90
100	QPSK	1	1	17.32	17.64	17.39	19.40
100	QPSK	1	137	17.24	17.44	17.20	19.40
100	QPSK	1	271	16.90	17.18	16.89	19.40
100	QPSK	135	0	16.28	16.59	16.39	18.40
100	QPSK	135	69	17.13	17.38	17.12	19.40
100	QPSK	135	138	16.21	16.43	16.23	18.40
100	QPSK	270	0	16.47	16.53	16.42	18.40
100	16QAM	1	1	16.31	16.63	16.36	18.40
100	64QAM	1	1	14.78	15.09	14.82	16.90
100	256QAM	1	1	12.90	13.14	13.01	14.90
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	17.58	17.81	17.67	19.40
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	17.56	17.79	17.63	19.40
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	17.59	17.84	17.62	19.40
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	17.64	17.84	17.71	19.40
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	17.63	17.83	17.68	19.40
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	17.58	17.75	17.62	19.40
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	17.56	17.79	17.66	19.40
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	17.66	17.75	17.62	19.40
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	17.63	17.87	17.65	19.40
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	17.65	17.86	17.70	19.40
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	17.67	17.77	17.60	19.40
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	17.58	17.78	17.60	19.40
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	17.58	17.76	17.64	19.40

【FR1 n41__FCC_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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	17.25	17.29	17.23	17.70
100	PI/2 BPSK	1	137	17.05	17.19	16.98	17.70
100	PI/2 BPSK	1	271	17.10	17.19	17.03	17.70
100	PI/2 BPSK	135	0	17.19	17.25	17.10	17.70
100	PI/2 BPSK	135	69	17.22	17.26	17.16	17.70
100	PI/2 BPSK	135	138	17.05	17.16	16.99	17.70
100	PI/2 BPSK	270	0	17.03	17.19	17.02	17.70
100	QPSK	1	1	17.07	17.22	17.04	17.70
100	QPSK	1	137	16.97	17.15	16.95	17.70
100	QPSK	1	271	17.09	17.18	17.04	17.70
100	QPSK	135	0	17.07	17.23	17.07	17.70
100	QPSK	135	69	17.04	17.16	17.06	17.70
100	QPSK	135	138	16.96	17.15	17.08	17.70
100	QPSK	270	0	17.07	17.17	17.05	17.70
100	16QAM	1	1	17.03	17.16	17.04	17.70
100	64QAM	1	1	17.04	17.22	17.13	17.70
100	256QAM	1	1	17.09	17.20	17.00	17.70
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	17.13	17.18	17.11	17.70
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	17.17	17.26	17.21	17.70
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	17.13	17.25	17.16	17.70
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	17.17	17.19	17.09	17.70
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	17.14	17.15	17.14	17.70
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	17.13	17.22	17.14	17.70
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	17.13	17.19	17.10	17.70
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	17.20	17.20	17.11	17.70
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	17.17	17.21	17.19	17.70
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	17.17	17.23	17.17	17.70
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	17.19	17.16	17.19	17.70
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	17.19	17.28	17.11	17.70
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	17.17	17.21	17.08	17.70

【FR1 n41__FCC_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	17.02	17.12	17.09	18.50
100	PI/2 BPSK	1	137	16.85	17.07	16.90	18.50
100	PI/2 BPSK	1	271	16.79	17.02	16.96	18.50
100	PI/2 BPSK	135	0	16.92	17.02	17.02	18.50
100	PI/2 BPSK	135	69	16.93	17.09	16.99	18.50
100	PI/2 BPSK	135	138	16.79	17.01	16.86	18.50
100	PI/2 BPSK	270	0	16.83	17.04	16.98	18.50
100	QPSK	1	1	16.94	17.06	16.90	18.50
100	QPSK	1	137	16.95	17.10	17.05	18.50
100	QPSK	1	271	16.97	17.08	16.98	18.50
100	QPSK	135	0	16.28	16.59	16.39	18.40
100	QPSK	135	69	16.93	17.08	17.04	18.50
100	QPSK	135	138	16.21	16.43	16.23	18.40
100	QPSK	270	0	16.47	16.53	16.42	18.40
100	16QAM	1	1	16.31	16.63	16.36	18.40
100	64QAM	1	1	14.78	15.09	14.82	16.90
100	256QAM	1	1	12.90	13.14	13.01	14.90
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	16.99	17.06	16.96	18.50
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	16.97	16.99	17.07	18.50
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	16.92	17.05	17.01	18.50
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	16.89	17.05	17.08	18.50
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	16.92	17.08	17.03	18.50
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	16.89	17.08	17.06	18.50
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	16.87	17.00	17.06	18.50
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	16.99	17.09	16.99	18.50
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	17.01	16.97	17.08	18.50
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	17.01	17.05	17.05	18.50
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	16.99	17.01	17.01	18.50
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	16.97	16.97	16.95	18.50
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	16.94	17.01	17.06	18.50

【FR1 n41__FCC_HPUE_Ant 5_Default】

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	26.09	26.14	26.10	27.50
100	PI/2 BPSK	1	137	25.78	25.91	25.82	27.50
100	PI/2 BPSK	1	271	25.90	26.03	25.90	27.50
100	PI/2 BPSK	135	0	25.20	25.39	25.34	27.00
100	PI/2 BPSK	135	69	25.71	25.84	25.69	27.50
100	PI/2 BPSK	135	138	25.40	25.54	25.43	27.00
100	PI/2 BPSK	270	0	25.39	25.55	25.40	27.00
100	QPSK	1	1	25.98	26.11	26.05	27.50
100	QPSK	1	137	25.66	25.77	25.65	27.50
100	QPSK	1	271	25.81	25.90	25.75	27.50
100	QPSK	135	0	25.84	25.97	25.87	26.50
100	QPSK	135	69	25.85	25.93	25.80	27.50
100	QPSK	135	138	24.94	25.03	24.89	26.50
100	QPSK	270	0	24.78	24.95	24.82	26.50
100	16QAM	1	1	24.82	24.91	24.76	26.50
100	64QAM	1	1	22.97	23.08	22.91	25.00
100	256QAM	1	1	20.73	20.84	20.77	23.00
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	25.99	26.01	26.00	27.50
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	26.06	26.05	26.02	27.50
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	26.02	26.03	26.03	27.50
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	26.02	26.03	25.99	27.50
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	25.97	26.03	26.06	27.50
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	25.97	26.04	25.97	27.50
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	26.07	26.08	26.07	27.50
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	26.06	26.10	25.95	27.50
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	26.04	26.04	25.97	27.50
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	26.06	26.05	25.98	27.50
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	25.99	26.00	25.99	27.50
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	25.94	26.03	26.07	27.50
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	25.95	26.06	25.98	27.50

【FR1 n41_FCC_HPUE_Ant 5_default】

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	18.80	18.89	18.83	20.40
100	PI/2 BPSK	1	137	18.53	18.74	18.64	20.40
100	PI/2 BPSK	1	271	18.76	18.87	18.75	20.40
100	PI/2 BPSK	135	0	17.96	18.16	17.97	19.90
100	PI/2 BPSK	135	69	18.71	18.83	18.69	20.40
100	PI/2 BPSK	135	138	18.11	18.23	18.09	19.90
100	PI/2 BPSK	270	0	18.02	18.19	18.08	19.90
100	QPSK	1	1	18.64	18.83	18.76	20.40
100	QPSK	1	137	18.27	18.45	18.35	20.40
100	QPSK	1	271	18.41	18.51	18.43	20.40
100	QPSK	135	0	17.53	17.63	17.50	19.40
100	QPSK	135	69	18.49	18.62	18.52	20.40
100	QPSK	135	138	17.48	17.70	17.57	19.40
100	QPSK	270	0	17.45	17.68	17.59	19.40
100	16QAM	1	1	17.62	17.77	17.63	19.40
100	64QAM	1	1	16.11	16.28	16.14	17.90
100	256QAM	1	1	14.24	14.45	14.28	15.90
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	18.69	18.76	18.70	20.40
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	18.71	18.82	18.79	20.40
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	18.71	18.82	18.79	20.40
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	18.78	18.85	18.81	20.40
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	18.76	18.75	18.68	20.40
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	18.68	18.87	18.77	20.40
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	18.73	18.77	18.68	20.40
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	18.66	18.76	18.71	20.40
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	18.75	18.78	18.81	20.40
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	18.77	18.82	18.70	20.40
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	18.65	18.80	18.73	20.40
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	18.68	18.82	18.79	20.40
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	18.76	18.77	18.72	20.40

【FR1 n41__FCC_HPUE_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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	20.21	20.25	20.19	21.50
100	PI/2 BPSK	1	137	20.14	20.20	20.05	21.50
100	PI/2 BPSK	1	271	20.06	20.21	20.06	21.50
100	PI/2 BPSK	135	0	20.02	20.17	20.07	21.50
100	PI/2 BPSK	135	69	20.12	20.24	20.09	21.50
100	PI/2 BPSK	135	138	20.02	20.14	20.06	21.50
100	PI/2 BPSK	270	0	20.09	20.23	20.06	21.50
100	QPSK	1	1	20.06	20.23	20.15	21.50
100	QPSK	1	137	20.13	20.20	20.05	21.50
100	QPSK	1	271	20.15	20.22	20.01	21.50
100	QPSK	135	0	19.98	20.16	20.04	21.50
100	QPSK	135	69	20.02	20.13	20.05	21.50
100	QPSK	135	138	20.01	20.20	20.02	21.50
100	QPSK	270	0	20.03	20.16	20.01	21.50
100	16QAM	1	1	20.00	20.14	20.04	21.50
100	64QAM	1	1	20.05	20.24	20.04	21.50
100	256QAM	1	1	20.08	20.14	19.94	21.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	20.12	20.13	20.13	21.50
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.10	20.14	20.12	21.50
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	20.20	20.23	20.08	21.50
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.18	20.19	20.17	21.50
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	20.09	20.11	20.11	21.50
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	20.08	20.17	20.10	21.50
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.20	20.11	20.13	21.50
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	20.18	20.19	20.17	21.50
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.14	20.11	20.08	21.50
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	20.19	20.19	20.10	21.50
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.15	20.15	20.14	21.50
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	20.16	20.17	20.11	21.50
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	20.08	20.12	20.06	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 (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	18.80	18.89	18.83	20.40
100	PI/2 BPSK	1	137	18.53	18.74	18.64	20.40
100	PI/2 BPSK	1	271	18.76	18.87	18.75	20.40
100	PI/2 BPSK	135	0	17.96	18.16	17.97	19.90
100	PI/2 BPSK	135	69	18.71	18.83	18.69	20.40
100	PI/2 BPSK	135	138	18.11	18.23	18.09	19.90
100	PI/2 BPSK	270	0	18.02	18.19	18.08	19.90
100	QPSK	1	1	18.64	18.83	18.76	20.40
100	QPSK	1	137	18.27	18.45	18.35	20.40
100	QPSK	1	271	18.41	18.51	18.43	20.40
100	QPSK	135	0	17.53	17.63	17.50	19.40
100	QPSK	135	69	18.49	18.62	18.52	20.40
100	QPSK	135	138	17.48	17.70	17.57	19.40
100	QPSK	270	0	17.45	17.68	17.59	19.40
100	16QAM	1	1	17.62	17.77	17.63	19.40
100	64QAM	1	1	16.11	16.28	16.14	17.90
100	256QAM	1	1	14.24	14.45	14.28	15.90
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	18.69	18.76	18.70	20.40
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	18.71	18.82	18.79	20.40
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	18.71	18.82	18.79	20.40
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	18.78	18.85	18.81	20.40
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	18.76	18.75	18.68	20.40
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	18.68	18.87	18.77	20.40
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	18.73	18.77	18.68	20.40
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	18.66	18.76	18.71	20.40
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	18.75	18.78	18.81	20.40
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	18.77	18.82	18.70	20.40
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	18.65	18.80	18.73	20.40
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	18.68	18.82	18.79	20.40
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	18.76	18.77	18.72	20.40

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	21.62	21.75	21.64	23.00
100	PI/2 BPSK	1	137	21.48	21.67	21.42	23.00
100	PI/2 BPSK	1	271	21.47	21.70	21.51	23.00
100	PI/2 BPSK	135	0	21.39	21.63	21.41	23.00
100	PI/2 BPSK	135	69	21.49	21.67	21.45	23.00
100	PI/2 BPSK	135	138	21.49	21.72	21.51	23.00
100	PI/2 BPSK	270	0	21.45	21.62	21.49	23.00
100	QPSK	1	1	21.44	21.64	21.45	23.00
100	QPSK	1	137	21.45	21.64	21.40	23.00
100	QPSK	1	271	21.52	21.72	21.57	23.00
100	QPSK	135	0	21.50	21.66	21.52	23.00
100	QPSK	135	69	21.57	21.72	21.47	23.00
100	QPSK	135	138	21.39	21.66	21.47	23.00
100	QPSK	270	0	21.50	21.72	21.53	23.00
100	16QAM	1	1	21.45	21.67	21.51	23.00
100	64QAM	1	1	21.44	21.69	21.55	23.00
100	256QAM	1	1	21.47	21.66	21.44	23.00
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	21.50	21.70	21.60	23.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	21.50	21.74	21.53	23.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	21.56	21.65	21.50	23.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	21.50	21.63	21.52	23.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	21.49	21.70	21.52	23.00
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	21.59	21.71	21.54	23.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	21.53	21.72	21.50	23.00
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	21.56	21.74	21.53	23.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	21.52	21.70	21.49	23.00
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	21.58	21.67	21.62	23.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	21.48	21.62	21.52	23.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	21.57	21.70	21.49	23.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	21.56	21.62	21.55	23.00

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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	18.80	18.89	18.83	20.40
100	PI/2 BPSK	1	137	18.53	18.74	18.64	20.40
100	PI/2 BPSK	1	271	18.76	18.87	18.75	20.40
100	PI/2 BPSK	135	0	17.96	18.16	17.97	19.90
100	PI/2 BPSK	135	69	18.71	18.83	18.69	20.40
100	PI/2 BPSK	135	138	18.11	18.23	18.09	19.90
100	PI/2 BPSK	270	0	18.02	18.19	18.08	19.90
100	QPSK	1	1	18.64	18.83	18.76	20.40
100	QPSK	1	137	18.27	18.45	18.35	20.40
100	QPSK	1	271	18.41	18.51	18.43	20.40
100	QPSK	135	0	17.53	17.63	17.50	19.40
100	QPSK	135	69	18.49	18.62	18.52	20.40
100	QPSK	135	138	17.48	17.70	17.57	19.40
100	QPSK	270	0	17.45	17.68	17.59	19.40
100	16QAM	1	1	17.62	17.77	17.63	19.40
100	64QAM	1	1	16.11	16.28	16.14	17.90
100	256QAM	1	1	14.24	14.45	14.28	15.90
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	18.69	18.76	18.70	20.40
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	18.71	18.82	18.79	20.40
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	18.71	18.82	18.79	20.40
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	18.78	18.85	18.81	20.40
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	18.76	18.75	18.68	20.40
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	18.68	18.87	18.77	20.40
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	18.73	18.77	18.68	20.40
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	18.66	18.76	18.71	20.40
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	18.75	18.78	18.81	20.40
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	18.77	18.82	18.70	20.40
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	18.65	18.80	18.73	20.40
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	18.68	18.82	18.79	20.40
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	18.76	18.77	18.72	20.40

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	21.62	21.75	21.64	23.00
100	PI/2 BPSK	1	137	21.48	21.67	21.42	23.00
100	PI/2 BPSK	1	271	21.47	21.70	21.51	23.00
100	PI/2 BPSK	135	0	21.39	21.63	21.41	23.00
100	PI/2 BPSK	135	69	21.49	21.67	21.45	23.00
100	PI/2 BPSK	135	138	21.49	21.72	21.51	23.00
100	PI/2 BPSK	270	0	21.45	21.62	21.49	23.00
100	QPSK	1	1	21.44	21.64	21.45	23.00
100	QPSK	1	137	21.45	21.64	21.40	23.00
100	QPSK	1	271	21.52	21.72	21.57	23.00
100	QPSK	135	0	21.50	21.66	21.52	23.00
100	QPSK	135	69	21.57	21.72	21.47	23.00
100	QPSK	135	138	21.39	21.66	21.47	23.00
100	QPSK	270	0	21.50	21.72	21.53	23.00
100	16QAM	1	1	21.45	21.67	21.51	23.00
100	64QAM	1	1	21.44	21.69	21.55	23.00
100	256QAM	1	1	21.47	21.66	21.44	23.00
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	21.50	21.70	21.60	23.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	21.50	21.74	21.53	23.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	21.56	21.65	21.50	23.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	21.50	21.63	21.52	23.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	21.49	21.70	21.52	23.00
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	21.59	21.71	21.54	23.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	21.53	21.72	21.50	23.00
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	21.56	21.74	21.53	23.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	21.52	21.70	21.49	23.00
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	21.58	21.67	21.62	23.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	21.48	21.62	21.52	23.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	21.57	21.70	21.49	23.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	21.56	21.62	21.55	23.00

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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	18.80	18.89	18.83	20.40
100	PI/2 BPSK	1	137	18.53	18.74	18.64	20.40
100	PI/2 BPSK	1	271	18.76	18.87	18.75	20.40
100	PI/2 BPSK	135	0	17.96	18.16	17.97	19.90
100	PI/2 BPSK	135	69	18.71	18.83	18.69	20.40
100	PI/2 BPSK	135	138	18.11	18.23	18.09	19.90
100	PI/2 BPSK	270	0	18.02	18.19	18.08	19.90
100	QPSK	1	1	18.64	18.83	18.76	20.40
100	QPSK	1	137	18.27	18.45	18.35	20.40
100	QPSK	1	271	18.41	18.51	18.43	20.40
100	QPSK	135	0	17.53	17.63	17.50	19.40
100	QPSK	135	69	18.49	18.62	18.52	20.40
100	QPSK	135	138	17.48	17.70	17.57	19.40
100	QPSK	270	0	17.45	17.68	17.59	19.40
100	16QAM	1	1	17.62	17.77	17.63	19.40
100	64QAM	1	1	16.11	16.28	16.14	17.90
100	256QAM	1	1	14.24	14.45	14.28	15.90
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	18.69	18.76	18.70	20.40
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	18.71	18.82	18.79	20.40
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	18.71	18.82	18.79	20.40
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	18.78	18.85	18.81	20.40
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	18.76	18.75	18.68	20.40
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	18.68	18.87	18.77	20.40
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	18.73	18.77	18.68	20.40
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	18.66	18.76	18.71	20.40
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	18.75	18.78	18.81	20.40
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	18.77	18.82	18.70	20.40
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	18.65	18.80	18.73	20.40
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	18.68	18.82	18.79	20.40
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	18.76	18.77	18.72	20.40

【FR1 n41_FCC_HPUE_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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	20.21	20.25	20.19	21.50
100	PI/2 BPSK	1	137	20.14	20.20	20.05	21.50
100	PI/2 BPSK	1	271	20.06	20.21	20.06	21.50
100	PI/2 BPSK	135	0	20.02	20.17	20.07	21.50
100	PI/2 BPSK	135	69	20.12	20.24	20.09	21.50
100	PI/2 BPSK	135	138	20.02	20.14	20.06	21.50
100	PI/2 BPSK	270	0	20.09	20.23	20.06	21.50
100	QPSK	1	1	20.06	20.23	20.15	21.50
100	QPSK	1	137	20.13	20.20	20.05	21.50
100	QPSK	1	271	20.15	20.22	20.01	21.50
100	QPSK	135	0	19.98	20.16	20.04	21.50
100	QPSK	135	69	20.02	20.13	20.05	21.50
100	QPSK	135	138	20.01	20.20	20.02	21.50
100	QPSK	270	0	20.03	20.16	20.01	21.50
100	16QAM	1	1	20.00	20.14	20.04	21.50
100	64QAM	1	1	20.05	20.24	20.04	21.50
100	256QAM	1	1	20.08	20.14	19.94	21.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	20.12	20.13	20.13	21.50
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.10	20.14	20.12	21.50
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	20.20	20.23	20.08	21.50
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.18	20.19	20.17	21.50
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	20.09	20.11	20.11	21.50
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	20.08	20.17	20.10	21.50
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.20	20.11	20.13	21.50
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	20.18	20.19	20.17	21.50
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.14	20.11	20.08	21.50
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	20.19	20.19	20.10	21.50
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.15	20.15	20.14	21.50
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	20.16	20.17	20.11	21.50
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	20.08	20.12	20.06	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 (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	18.80	18.89	18.83	20.40
100	PI/2 BPSK	1	137	18.53	18.74	18.64	20.40
100	PI/2 BPSK	1	271	18.76	18.87	18.75	20.40
100	PI/2 BPSK	135	0	17.96	18.16	17.97	19.90
100	PI/2 BPSK	135	69	18.71	18.83	18.69	20.40
100	PI/2 BPSK	135	138	18.11	18.23	18.09	19.90
100	PI/2 BPSK	270	0	18.02	18.19	18.08	19.90
100	QPSK	1	1	18.64	18.83	18.76	20.40
100	QPSK	1	137	18.27	18.45	18.35	20.40
100	QPSK	1	271	18.41	18.51	18.43	20.40
100	QPSK	135	0	17.53	17.63	17.50	19.40
100	QPSK	135	69	18.49	18.62	18.52	20.40
100	QPSK	135	138	17.48	17.70	17.57	19.40
100	QPSK	270	0	17.45	17.68	17.59	19.40
100	16QAM	1	1	17.62	17.77	17.63	19.40
100	64QAM	1	1	16.11	16.28	16.14	17.90
100	256QAM	1	1	14.24	14.45	14.28	15.90
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	18.69	18.76	18.70	20.40
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	18.71	18.82	18.79	20.40
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	18.71	18.82	18.79	20.40
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	18.78	18.85	18.81	20.40
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	18.76	18.75	18.68	20.40
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	18.68	18.87	18.77	20.40
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	18.73	18.77	18.68	20.40
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	18.66	18.76	18.71	20.40
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	18.75	18.78	18.81	20.40
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	18.77	18.82	18.70	20.40
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	18.65	18.80	18.73	20.40
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	18.68	18.82	18.79	20.40
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	18.76	18.77	18.72	20.40

【FR1 n41_FCC_Ant 6_default】

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	24.97	25.27	25.00	26.00
100	PI/2 BPSK	1	137	24.55	24.76	24.46	26.00
100	PI/2 BPSK	1	271	24.82	25.09	24.78	26.00
100	PI/2 BPSK	135	0	24.18	24.47	24.30	25.50
100	PI/2 BPSK	135	69	24.86	25.10	24.86	26.00
100	PI/2 BPSK	135	138	24.30	24.54	24.29	25.50
100	PI/2 BPSK	270	0	24.20	24.47	24.21	25.50
100	QPSK	1	1	24.75	25.05	24.86	26.00
100	QPSK	1	137	24.43	24.75	24.57	26.00
100	QPSK	1	271	24.46	24.69	24.45	26.00
100	QPSK	135	0	23.82	24.05	23.80	25.00
100	QPSK	135	69	24.50	24.82	24.57	26.00
100	QPSK	135	138	23.88	24.16	23.96	25.00
100	QPSK	270	0	24.05	24.28	24.02	25.00
100	16QAM	1	1	23.96	24.17	23.87	25.00
100	64QAM	1	1	22.47	22.75	22.54	23.50
100	256QAM	1	1	21.24	21.43	21.25	21.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	24.92	25.03	24.90	26.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	24.95	25.10	24.86	26.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	24.91	25.08	24.89	26.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	24.88	25.03	24.91	26.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	24.95	25.15	24.99	26.00
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	24.85	25.10	24.94	26.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	24.94	25.09	24.90	26.00
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	24.88	25.02	24.90	26.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	24.89	25.06	24.93	26.00
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	24.85	25.03	24.86	26.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	24.83	25.14	24.95	26.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	24.82	25.07	24.89	26.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	24.86	25.06	24.97	26.00

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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	24.97	25.27	25.00	26.00
100	PI/2 BPSK	1	137	24.55	24.76	24.46	26.00
100	PI/2 BPSK	1	271	24.82	25.09	24.78	26.00
100	PI/2 BPSK	135	0	24.18	24.47	24.30	25.50
100	PI/2 BPSK	135	69	24.86	25.10	24.86	26.00
100	PI/2 BPSK	135	138	24.30	24.54	24.29	25.50
100	PI/2 BPSK	270	0	24.20	24.47	24.21	25.50
100	QPSK	1	1	24.75	25.05	24.86	26.00
100	QPSK	1	137	24.43	24.75	24.57	26.00
100	QPSK	1	271	24.46	24.69	24.45	26.00
100	QPSK	135	0	23.82	24.05	23.80	25.00
100	QPSK	135	69	24.50	24.82	24.57	26.00
100	QPSK	135	138	23.88	24.16	23.96	25.00
100	QPSK	270	0	24.05	24.28	24.02	25.00
100	16QAM	1	1	23.96	24.17	23.87	25.00
100	64QAM	1	1	22.47	22.75	22.54	23.50
100	256QAM	1	1	21.24	21.43	21.25	21.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	24.92	25.03	24.90	26.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	24.95	25.10	24.86	26.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	24.91	25.08	24.89	26.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	24.88	25.03	24.91	26.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	24.95	25.15	24.99	26.00
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	24.85	25.10	24.94	26.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	24.94	25.09	24.90	26.00
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	24.88	25.02	24.90	26.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	24.89	25.06	24.93	26.00
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	24.85	25.03	24.86	26.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	24.83	25.14	24.95	26.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	24.82	25.07	24.89	26.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	24.86	25.06	24.97	26.00

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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	22.63	22.72	22.68	23.50
100	PI/2 BPSK	1	137	22.43	22.59	22.42	23.50
100	PI/2 BPSK	1	271	22.36	22.60	22.52	23.50
100	PI/2 BPSK	135	0	22.44	22.64	22.45	23.50
100	PI/2 BPSK	135	69	22.59	22.69	22.63	23.50
100	PI/2 BPSK	135	138	22.36	22.58	22.44	23.50
100	PI/2 BPSK	270	0	22.52	22.65	22.57	23.50
100	QPSK	1	1	22.46	22.59	22.41	23.50
100	QPSK	1	137	22.53	22.64	22.46	23.50
100	QPSK	1	271	22.45	22.65	22.47	23.50
100	QPSK	135	0	22.41	22.65	22.49	23.50
100	QPSK	135	69	22.52	22.68	22.57	23.50
100	QPSK	135	138	22.49	22.66	22.56	23.50
100	QPSK	270	0	22.50	22.66	22.54	23.50
100	16QAM	1	1	22.47	22.69	22.56	23.50
100	64QAM	1	1	22.52	22.62	22.53	23.50
100	256QAM	1	1	21.32	21.43	21.33	21.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	22.56	22.62	22.58	23.50
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.61	22.66	22.53	23.50
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	22.60	22.70	22.57	23.50
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	22.51	22.69	22.61	23.50
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	22.60	22.68	22.61	23.50
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	22.59	22.68	22.62	23.50
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	22.51	22.61	22.63	23.50
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	22.57	22.63	22.66	23.50
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	22.62	22.68	22.56	23.50
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	22.50	22.66	22.65	23.50
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.54	22.69	22.61	23.50
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	22.53	22.67	22.56	23.50
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	22.61	22.63	22.60	23.50

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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	24.97	25.27	25.00	26.00
100	PI/2 BPSK	1	137	24.55	24.76	24.46	26.00
100	PI/2 BPSK	1	271	24.82	25.09	24.78	26.00
100	PI/2 BPSK	135	0	24.18	24.47	24.30	25.50
100	PI/2 BPSK	135	69	24.86	25.10	24.86	26.00
100	PI/2 BPSK	135	138	24.30	24.54	24.29	25.50
100	PI/2 BPSK	270	0	24.20	24.47	24.21	25.50
100	QPSK	1	1	24.75	25.05	24.86	26.00
100	QPSK	1	137	24.43	24.75	24.57	26.00
100	QPSK	1	271	24.46	24.69	24.45	26.00
100	QPSK	135	0	23.82	24.05	23.80	25.00
100	QPSK	135	69	24.50	24.82	24.57	26.00
100	QPSK	135	138	23.88	24.16	23.96	25.00
100	QPSK	270	0	24.05	24.28	24.02	25.00
100	16QAM	1	1	23.96	24.17	23.87	25.00
100	64QAM	1	1	22.47	22.75	22.54	23.50
100	256QAM	1	1	21.24	21.43	21.25	21.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	24.92	25.03	24.90	26.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	24.95	25.10	24.86	26.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	24.91	25.08	24.89	26.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	24.88	25.03	24.91	26.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	24.95	25.15	24.99	26.00
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	24.85	25.10	24.94	26.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	24.94	25.09	24.90	26.00
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	24.88	25.02	24.90	26.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	24.89	25.06	24.93	26.00
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	24.85	25.03	24.86	26.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	24.83	25.14	24.95	26.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	24.82	25.07	24.89	26.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	24.86	25.06	24.97	26.00

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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	22.63	22.72	22.68	23.50
100	PI/2 BPSK	1	137	22.43	22.59	22.42	23.50
100	PI/2 BPSK	1	271	22.36	22.60	22.52	23.50
100	PI/2 BPSK	135	0	22.44	22.64	22.45	23.50
100	PI/2 BPSK	135	69	22.59	22.69	22.63	23.50
100	PI/2 BPSK	135	138	22.36	22.58	22.44	23.50
100	PI/2 BPSK	270	0	22.52	22.65	22.57	23.50
100	QPSK	1	1	22.46	22.59	22.41	23.50
100	QPSK	1	137	22.53	22.64	22.46	23.50
100	QPSK	1	271	22.45	22.65	22.47	23.50
100	QPSK	135	0	22.41	22.65	22.49	23.50
100	QPSK	135	69	22.52	22.68	22.57	23.50
100	QPSK	135	138	22.49	22.66	22.56	23.50
100	QPSK	270	0	22.50	22.66	22.54	23.50
100	16QAM	1	1	22.47	22.69	22.56	23.50
100	64QAM	1	1	22.52	22.62	22.53	23.50
100	256QAM	1	1	21.32	21.43	21.33	21.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	22.56	22.62	22.58	23.50
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.61	22.66	22.53	23.50
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	22.60	22.70	22.57	23.50
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	22.51	22.69	22.61	23.50
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	22.60	22.68	22.61	23.50
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	22.59	22.68	22.62	23.50
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	22.51	22.61	22.63	23.50
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	22.57	22.63	22.66	23.50
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	22.62	22.68	22.56	23.50
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	22.50	22.66	22.65	23.50
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.54	22.69	22.61	23.50
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	22.53	22.67	22.56	23.50
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	22.61	22.63	22.60	23.50

【FR1 n41_FCC_HPUE_Ant 6_default】

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	26.20	26.23	26.17	27.50
100	PI/2 BPSK	1	137	25.95	26.08	25.98	27.50
100	PI/2 BPSK	1	271	26.11	26.20	26.07	27.50
100	PI/2 BPSK	135	0	25.40	25.58	25.48	27.00
100	PI/2 BPSK	135	69	25.99	26.09	25.90	27.50
100	PI/2 BPSK	135	138	25.57	25.61	25.45	27.00
100	PI/2 BPSK	270	0	25.45	25.57	25.49	27.00
100	QPSK	1	1	26.06	26.18	26.03	27.50
100	QPSK	1	137	25.87	26.03	25.92	27.50
100	QPSK	1	271	25.96	26.02	25.88	27.50
100	QPSK	135	0	24.87	25.03	24.93	26.50
100	QPSK	135	69	25.99	26.14	26.05	27.50
100	QPSK	135	138	24.86	25.01	24.88	26.50
100	QPSK	270	0	24.78	24.96	24.81	26.50
100	16QAM	1	1	25.07	25.12	25.02	26.50
100	64QAM	1	1	22.96	23.13	22.98	25.00
100	256QAM	1	1	21.02	21.12	20.97	23.00
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	26.06	26.16	26.03	27.50
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	26.15	26.09	26.11	27.50
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	26.05	26.14	26.07	27.50
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	26.08	26.13	26.09	27.50
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	26.08	26.22	26.13	27.50
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	26.17	26.12	26.08	27.50
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	26.16	26.21	26.02	27.50
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	26.14	26.11	26.08	27.50
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	26.13	26.19	26.06	27.50
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	26.13	26.14	26.15	27.50
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	26.12	26.16	26.07	27.50
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	26.09	26.19	26.05	27.50
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	26.10	26.15	26.09	27.50

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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	26.20	26.23	26.17	27.50
100	PI/2 BPSK	1	137	25.95	26.08	25.98	27.50
100	PI/2 BPSK	1	271	26.11	26.20	26.07	27.50
100	PI/2 BPSK	135	0	25.40	25.58	25.48	27.00
100	PI/2 BPSK	135	69	25.99	26.09	25.90	27.50
100	PI/2 BPSK	135	138	25.57	25.61	25.45	27.00
100	PI/2 BPSK	270	0	25.45	25.57	25.49	27.00
100	QPSK	1	1	26.06	26.18	26.03	27.50
100	QPSK	1	137	25.87	26.03	25.92	27.50
100	QPSK	1	271	25.96	26.02	25.88	27.50
100	QPSK	135	0	24.87	25.03	24.93	26.50
100	QPSK	135	69	25.99	26.14	26.05	27.50
100	QPSK	135	138	24.86	25.01	24.88	26.50
100	QPSK	270	0	24.78	24.96	24.81	26.50
100	16QAM	1	1	25.07	25.12	25.02	26.50
100	64QAM	1	1	22.96	23.13	22.98	25.00
100	256QAM	1	1	21.02	21.12	20.97	23.00
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	26.06	26.16	26.03	27.50
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	26.15	26.09	26.11	27.50
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	26.05	26.14	26.07	27.50
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	26.08	26.13	26.09	27.50
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	26.08	26.22	26.13	27.50
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	26.17	26.12	26.08	27.50
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	26.16	26.21	26.02	27.50
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	26.14	26.11	26.08	27.50
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	26.13	26.19	26.06	27.50
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	26.13	26.14	26.15	27.50
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	26.12	26.16	26.07	27.50
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	26.09	26.19	26.05	27.50
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	26.10	26.15	26.09	27.50

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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	25.61	25.65	25.63	27.00
100	PI/2 BPSK	1	137	25.35	25.51	25.41	27.00
100	PI/2 BPSK	1	271	25.52	25.59	25.45	27.00
100	PI/2 BPSK	135	0	25.41	25.58	25.52	27.00
100	PI/2 BPSK	135	69	25.48	25.56	25.53	27.00
100	PI/2 BPSK	135	138	25.43	25.57	25.40	27.00
100	PI/2 BPSK	270	0	25.43	25.61	25.52	27.00
100	QPSK	1	1	25.42	25.54	25.49	27.00
100	QPSK	1	137	25.37	25.55	25.49	27.00
100	QPSK	1	271	25.38	25.53	25.44	27.00
100	QPSK	135	0	24.87	25.03	24.94	26.50
100	QPSK	135	69	25.40	25.54	25.47	27.00
100	QPSK	135	138	24.85	25.01	24.90	26.50
100	QPSK	270	0	24.88	24.96	24.84	26.50
100	16QAM	1	1	25.05	25.12	25.03	26.50
100	64QAM	1	1	23.01	23.13	22.99	25.00
100	256QAM	1	1	21.03	21.12	21.03	23.00
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	25.54	25.54	25.51	27.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	25.52	25.60	25.51	27.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	25.56	25.62	25.60	27.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	25.49	25.54	25.53	27.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	25.50	25.51	25.61	27.00
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	25.57	25.54	25.59	27.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	25.57	25.52	25.56	27.00
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	25.52	25.63	25.57	27.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	25.49	25.62	25.60	27.00
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	25.50	25.63	25.51	27.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	25.51	25.56	25.54	27.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	25.55	25.58	25.48	27.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	25.53	25.54	25.52	27.00

【FR1 n41_FCC_HPUE_Ant 6_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	26.20	26.23	26.17	27.50
100	PI/2 BPSK	1	137	25.95	26.08	25.98	27.50
100	PI/2 BPSK	1	271	26.11	26.20	26.07	27.50
100	PI/2 BPSK	135	0	25.40	25.58	25.48	27.00
100	PI/2 BPSK	135	69	25.99	26.09	25.90	27.50
100	PI/2 BPSK	135	138	25.57	25.61	25.45	27.00
100	PI/2 BPSK	270	0	25.45	25.57	25.49	27.00
100	QPSK	1	1	26.06	26.18	26.03	27.50
100	QPSK	1	137	25.87	26.03	25.92	27.50
100	QPSK	1	271	25.96	26.02	25.88	27.50
100	QPSK	135	0	24.87	25.03	24.93	26.50
100	QPSK	135	69	25.99	26.14	26.05	27.50
100	QPSK	135	138	24.86	25.01	24.88	26.50
100	QPSK	270	0	24.78	24.96	24.81	26.50
100	16QAM	1	1	25.07	25.12	25.02	26.50
100	64QAM	1	1	22.96	23.13	22.98	25.00
100	256QAM	1	1	21.02	21.12	20.97	23.00
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	26.06	26.16	26.03	27.50
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	26.15	26.09	26.11	27.50
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	26.05	26.14	26.07	27.50
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	26.08	26.13	26.09	27.50
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	26.08	26.22	26.13	27.50
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	26.17	26.12	26.08	27.50
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	26.16	26.21	26.02	27.50
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	26.14	26.11	26.08	27.50
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	26.13	26.19	26.06	27.50
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	26.13	26.14	26.15	27.50
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	26.12	26.16	26.07	27.50
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	26.09	26.19	26.05	27.50
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	26.10	26.15	26.09	27.50

【FR1 n41_FCC_HPUE_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				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	25.61	25.65	25.63	27.00
100	PI/2 BPSK	1	137	25.35	25.51	25.41	27.00
100	PI/2 BPSK	1	271	25.52	25.59	25.45	27.00
100	PI/2 BPSK	135	0	25.41	25.58	25.52	27.00
100	PI/2 BPSK	135	69	25.48	25.56	25.53	27.00
100	PI/2 BPSK	135	138	25.43	25.57	25.40	27.00
100	PI/2 BPSK	270	0	25.43	25.61	25.52	27.00
100	QPSK	1	1	25.42	25.54	25.49	27.00
100	QPSK	1	137	25.37	25.55	25.49	27.00
100	QPSK	1	271	25.38	25.53	25.44	27.00
100	QPSK	135	0	24.87	25.03	24.94	26.50
100	QPSK	135	69	25.40	25.54	25.47	27.00
100	QPSK	135	138	24.85	25.01	24.90	26.50
100	QPSK	270	0	24.88	24.96	24.84	26.50
100	16QAM	1	1	25.05	25.12	25.03	26.50
100	64QAM	1	1	23.01	23.13	22.99	25.00
100	256QAM	1	1	21.03	21.12	21.03	23.00
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	25.54	25.54	25.51	27.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	25.52	25.60	25.51	27.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	25.56	25.62	25.60	27.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	25.49	25.54	25.53	27.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	25.50	25.51	25.61	27.00
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	25.57	25.54	25.59	27.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	25.57	25.52	25.56	27.00
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	25.52	25.63	25.57	27.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	25.49	25.62	25.60	27.00
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	25.50	25.63	25.51	27.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	25.51	25.56	25.54	27.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	25.55	25.58	25.48	27.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	25.53	25.54	25.52	27.00

【FR1 n41_FCC_Ant 7_default】

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	23.56	23.65	23.63	25.10
100	PI/2 BPSK	1	137	22.90	23.13	23.00	25.10
100	PI/2 BPSK	1	271	23.54	23.64	23.48	25.10
100	PI/2 BPSK	135	0	23.01	23.16	23.07	24.60
100	PI/2 BPSK	135	69	23.43	23.57	23.49	25.10
100	PI/2 BPSK	135	138	23.24	23.37	23.29	24.60
100	PI/2 BPSK	270	0	23.18	23.31	23.18	24.60
100	QPSK	1	1	23.40	23.60	23.53	25.10
100	QPSK	1	137	23.02	23.24	23.11	25.10
100	QPSK	1	271	23.13	23.24	23.11	25.10
100	QPSK	135	0	22.65	22.76	22.71	24.10
100	QPSK	135	69	23.33	23.49	23.32	25.10
100	QPSK	135	138	22.50	22.64	22.49	24.10
100	QPSK	270	0	22.39	22.62	22.52	24.10
100	16QAM	1	1	22.53	22.71	22.65	24.10
100	64QAM	1	1	21.15	21.34	21.24	22.60
100	256QAM	1	1	19.57	19.77	19.55	20.60
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.47	23.52	23.54	25.10
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.52	23.59	23.60	25.10
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	23.51	23.54	23.50	25.10
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.54	23.59	23.61	25.10
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.53	23.54	23.59	25.10
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	23.45	23.54	23.55	25.10
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.42	23.54	23.51	25.10
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	23.53	23.64	23.60	25.10
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.51	23.63	23.59	25.10
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	23.41	23.61	23.56	25.10
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.51	23.59	23.60	25.10
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.49	23.63	23.58	25.10
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.55	23.51	23.51	25.10

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	19.65	19.72	19.68	21.10
100	PI/2 BPSK	1	137	19.45	19.56	19.44	21.10
100	PI/2 BPSK	1	271	19.49	19.66	19.52	21.10
100	PI/2 BPSK	135	0	19.47	19.62	19.55	21.10
100	PI/2 BPSK	135	69	19.58	19.68	19.61	21.10
100	PI/2 BPSK	135	138	19.44	19.56	19.46	21.10
100	PI/2 BPSK	270	0	19.56	19.65	19.47	21.10
100	QPSK	1	1	19.48	19.62	19.44	21.10
100	QPSK	1	137	19.51	19.62	19.52	21.10
100	QPSK	1	271	19.43	19.59	19.54	21.10
100	QPSK	135	0	19.43	19.62	19.48	21.10
100	QPSK	135	69	19.45	19.56	19.46	21.10
100	QPSK	135	138	19.44	19.57	19.39	21.10
100	QPSK	270	0	19.49	19.61	19.47	21.10
100	16QAM	1	1	19.49	19.62	19.46	21.10
100	64QAM	1	1	19.40	19.57	19.48	21.10
100	256QAM	1	1	19.66	19.77	19.60	20.60
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	19.61	19.60	19.65	21.10
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	19.50	19.64	19.59	21.10
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	19.61	19.66	19.54	21.10
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	19.52	19.59	19.59	21.10
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	19.56	19.64	19.54	21.10
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	19.53	19.62	19.66	21.10
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	19.61	19.64	19.60	21.10
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	19.54	19.65	19.60	21.10
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	19.64	19.68	19.59	21.10
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	19.61	19.68	19.54	21.10
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	19.58	19.70	19.55	21.10
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	19.51	19.70	19.59	21.10
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	19.58	19.63	19.61	21.10

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	20.15	20.19	20.18	21.60
100	PI/2 BPSK	1	137	19.88	20.07	20.03	21.60
100	PI/2 BPSK	1	271	19.89	20.07	19.96	21.60
100	PI/2 BPSK	135	0	19.94	20.08	20.05	21.60
100	PI/2 BPSK	135	69	20.09	20.16	20.13	21.60
100	PI/2 BPSK	135	138	19.96	20.11	19.98	21.60
100	PI/2 BPSK	270	0	19.98	20.15	20.12	21.60
100	QPSK	1	1	19.90	20.04	19.89	21.60
100	QPSK	1	137	19.96	20.05	19.91	21.60
100	QPSK	1	271	20.01	20.12	19.96	21.60
100	QPSK	135	0	19.86	20.04	19.92	21.60
100	QPSK	135	69	19.99	20.05	19.97	21.60
100	QPSK	135	138	19.90	20.04	20.00	21.60
100	QPSK	270	0	20.00	20.09	19.97	21.60
100	16QAM	1	1	19.97	20.06	20.02	21.60
100	64QAM	1	1	19.97	20.04	19.94	21.60
100	256QAM	1	1	19.57	19.77	19.55	20.60
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	20.02	20.04	20.16	21.60
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.04	20.05	20.05	21.60
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	20.02	20.04	20.16	21.60
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.12	20.13	20.16	21.60
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	20.08	20.11	20.10	21.60
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	20.14	20.18	20.05	21.60
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.09	20.09	20.05	21.60
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	20.06	20.09	20.15	21.60
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.12	20.10	20.13	21.60
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	20.13	20.14	20.08	21.60
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.09	20.11	20.04	21.60
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	20.04	20.07	20.16	21.60
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	20.01	20.06	20.12	21.60

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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	20.15	20.19	20.18	21.60
100	PI/2 BPSK	1	137	19.88	20.07	20.03	21.60
100	PI/2 BPSK	1	271	19.89	20.07	19.96	21.60
100	PI/2 BPSK	135	0	19.94	20.08	20.05	21.60
100	PI/2 BPSK	135	69	20.09	20.16	20.13	21.60
100	PI/2 BPSK	135	138	19.96	20.11	19.98	21.60
100	PI/2 BPSK	270	0	19.98	20.15	20.12	21.60
100	QPSK	1	1	19.90	20.04	19.89	21.60
100	QPSK	1	137	19.96	20.05	19.91	21.60
100	QPSK	1	271	20.01	20.12	19.96	21.60
100	QPSK	135	0	19.86	20.04	19.92	21.60
100	QPSK	135	69	19.99	20.05	19.97	21.60
100	QPSK	135	138	19.90	20.04	20.00	21.60
100	QPSK	270	0	20.00	20.09	19.97	21.60
100	16QAM	1	1	19.97	20.06	20.02	21.60
100	64QAM	1	1	19.97	20.04	19.94	21.60
100	256QAM	1	1	19.57	19.77	19.55	20.60
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	20.02	20.04	20.16	21.60
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.04	20.05	20.05	21.60
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	20.02	20.04	20.16	21.60
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.12	20.13	20.16	21.60
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	20.08	20.11	20.10	21.60
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	20.14	20.18	20.05	21.60
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.09	20.09	20.05	21.60
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	20.06	20.09	20.15	21.60
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.12	20.10	20.13	21.60
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	20.13	20.14	20.08	21.60
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.09	20.11	20.04	21.60
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	20.04	20.07	20.16	21.60
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	20.01	20.06	20.12	21.60

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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	19.65	19.72	19.68	21.10
100	PI/2 BPSK	1	137	19.45	19.56	19.44	21.10
100	PI/2 BPSK	1	271	19.49	19.66	19.52	21.10
100	PI/2 BPSK	135	0	19.47	19.62	19.55	21.10
100	PI/2 BPSK	135	69	19.58	19.68	19.61	21.10
100	PI/2 BPSK	135	138	19.44	19.56	19.46	21.10
100	PI/2 BPSK	270	0	19.56	19.65	19.47	21.10
100	QPSK	1	1	19.48	19.62	19.44	21.10
100	QPSK	1	137	19.51	19.62	19.52	21.10
100	QPSK	1	271	19.43	19.59	19.54	21.10
100	QPSK	135	0	19.43	19.62	19.48	21.10
100	QPSK	135	69	19.45	19.56	19.46	21.10
100	QPSK	135	138	19.44	19.57	19.39	21.10
100	QPSK	270	0	19.49	19.61	19.47	21.10
100	16QAM	1	1	19.49	19.62	19.46	21.10
100	64QAM	1	1	19.40	19.57	19.48	21.10
100	256QAM	1	1	19.66	19.77	19.60	20.60
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	19.61	19.60	19.65	21.10
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	19.50	19.64	19.59	21.10
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	19.61	19.66	19.54	21.10
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	19.52	19.59	19.59	21.10
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	19.56	19.64	19.54	21.10
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	19.53	19.62	19.66	21.10
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	19.61	19.64	19.60	21.10
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	19.54	19.65	19.60	21.10
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	19.64	19.68	19.59	21.10
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	19.61	19.68	19.54	21.10
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	19.58	19.70	19.55	21.10
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	19.51	19.70	19.59	21.10
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	19.58	19.63	19.61	21.10

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	24.53	24.72	24.67	26.20
100	PI/2 BPSK	1	137	24.06	24.36	24.20	26.20
100	PI/2 BPSK	1	271	24.39	24.71	24.56	26.20
100	PI/2 BPSK	135	0	23.73	23.96	23.81	25.70
100	PI/2 BPSK	135	69	24.31	24.61	24.47	26.20
100	PI/2 BPSK	135	138	23.76	24.07	23.93	25.70
100	PI/2 BPSK	270	0	24.07	24.10	23.88	25.70
100	QPSK	1	1	24.23	24.54	24.42	26.20
100	QPSK	1	137	24.06	24.34	24.21	26.20
100	QPSK	1	271	24.37	24.62	24.50	26.20
100	QPSK	135	0	22.97	23.28	23.22	25.20
100	QPSK	135	69	24.15	24.48	24.37	26.20
100	QPSK	135	138	23.22	23.50	23.33	25.20
100	QPSK	270	0	23.21	23.47	23.28	25.20
100	16QAM	1	1	23.10	23.38	23.21	25.20
100	64QAM	1	1	20.70	20.94	20.81	23.70
100	256QAM	1	1	19.26	19.52	19.36	21.70
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	24.51	24.58	24.53	26.20
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	24.47	24.58	24.54	26.20
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	24.50	24.60	24.54	26.20
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	24.44	24.61	24.57	26.20
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	24.48	24.66	24.64	26.20
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	24.46	24.67	24.54	26.20
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	24.50	24.60	24.62	26.20
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	24.46	24.61	24.54	26.20
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	24.51	24.70	24.65	26.20
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	24.40	24.66	24.62	26.20
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	24.42	24.68	24.62	26.20
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	24.41	24.61	24.57	26.20
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	24.50	24.69	24.66	26.20

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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	22.68	22.73	22.65	24.10
100	PI/2 BPSK	1	137	22.53	22.70	22.54	24.10
100	PI/2 BPSK	1	271	22.55	22.65	22.49	24.10
100	PI/2 BPSK	135	0	22.64	22.71	22.58	24.10
100	PI/2 BPSK	135	69	22.68	22.72	22.63	24.10
100	PI/2 BPSK	135	138	22.52	22.69	22.54	24.10
100	PI/2 BPSK	270	0	22.53	22.69	22.57	24.10
100	QPSK	1	1	22.54	22.71	22.50	24.10
100	QPSK	1	137	22.61	22.67	22.46	24.10
100	QPSK	1	271	22.53	22.65	22.48	24.10
100	QPSK	135	0	22.51	22.67	22.49	24.10
100	QPSK	135	69	22.60	22.68	22.51	24.10
100	QPSK	135	138	22.57	22.72	22.54	24.10
100	QPSK	270	0	22.52	22.63	22.42	24.10
100	16QAM	1	1	22.57	22.63	22.52	24.10
100	64QAM	1	1	20.79	20.94	20.81	23.70
100	256QAM	1	1	19.26	19.52	19.36	21.70
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	22.64	22.65	22.62	24.10
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.60	22.68	22.54	24.10
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	22.63	22.67	22.58	24.10
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	22.67	22.59	22.60	24.10
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	22.55	22.59	22.60	24.10
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	22.56	22.72	22.58	24.10
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	22.61	22.61	22.60	24.10
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	22.58	22.70	22.51	24.10
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	22.55	22.61	22.64	24.10
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	22.67	22.61	22.55	24.10
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.54	22.59	22.55	24.10
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	22.58	22.61	22.51	24.10
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	22.56	22.66	22.51	24.10

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.12	23.17	23.15	24.60
100	PI/2 BPSK	1	137	22.98	23.13	22.98	24.60
100	PI/2 BPSK	1	271	23.03	23.11	23.05	24.60
100	PI/2 BPSK	135	0	22.88	23.05	22.94	24.60
100	PI/2 BPSK	135	69	23.09	23.14	23.08	24.60
100	PI/2 BPSK	135	138	23.05	23.14	23.05	24.60
100	PI/2 BPSK	270	0	23.03	23.11	23.08	24.60
100	QPSK	1	1	22.91	23.09	22.98	24.60
100	QPSK	1	137	22.89	23.09	22.97	24.60
100	QPSK	1	271	22.95	23.10	22.96	24.60
100	QPSK	135	0	23.02	23.12	22.96	24.60
100	QPSK	135	69	23.00	23.12	23.03	24.60
100	QPSK	135	138	23.03	23.14	23.01	24.60
100	QPSK	270	0	22.93	23.09	22.99	24.60
100	16QAM	1	1	22.95	23.14	22.99	24.60
100	64QAM	1	1	20.75	20.94	20.89	23.70
100	256QAM	1	1	19.26	19.52	19.36	21.70
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.06	23.10	23.03	24.60
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.02	23.14	23.05	24.60
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	22.98	23.09	23.09	24.60
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	22.99	23.03	23.14	24.60
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.07	23.09	23.02	24.60
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	23.04	23.07	23.14	24.60
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.01	23.10	23.09	24.60
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	22.99	23.03	23.13	24.60
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.11	23.04	23.03	24.60
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	23.03	23.03	23.03	24.60
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.99	23.15	23.13	24.60
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.07	23.11	23.08	24.60
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.02	23.13	23.09	24.60

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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	23.12	23.17	23.15	24.60
100	PI/2 BPSK	1	137	22.98	23.13	22.98	24.60
100	PI/2 BPSK	1	271	23.03	23.11	23.05	24.60
100	PI/2 BPSK	135	0	22.88	23.05	22.94	24.60
100	PI/2 BPSK	135	69	23.09	23.14	23.08	24.60
100	PI/2 BPSK	135	138	23.05	23.14	23.05	24.60
100	PI/2 BPSK	270	0	23.03	23.11	23.08	24.60
100	QPSK	1	1	22.91	23.09	22.98	24.60
100	QPSK	1	137	22.89	23.09	22.97	24.60
100	QPSK	1	271	22.95	23.10	22.96	24.60
100	QPSK	135	0	23.02	23.12	22.96	24.60
100	QPSK	135	69	23.00	23.12	23.03	24.60
100	QPSK	135	138	23.03	23.14	23.01	24.60
100	QPSK	270	0	22.93	23.09	22.99	24.60
100	16QAM	1	1	22.95	23.14	22.99	24.60
100	64QAM	1	1	20.75	20.94	20.89	23.70
100	256QAM	1	1	19.26	19.52	19.36	21.70
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.06	23.10	23.03	24.60
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.02	23.14	23.05	24.60
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	22.98	23.09	23.09	24.60
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	22.99	23.03	23.14	24.60
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.07	23.09	23.02	24.60
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	23.04	23.07	23.14	24.60
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.01	23.10	23.09	24.60
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	22.99	23.03	23.13	24.60
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.11	23.04	23.03	24.60
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	23.03	23.03	23.03	24.60
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.99	23.15	23.13	24.60
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.07	23.11	23.08	24.60
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.02	23.13	23.09	24.60

【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	22.68	22.73	22.65	24.10
100	PI/2 BPSK	1	137	22.53	22.70	22.54	24.10
100	PI/2 BPSK	1	271	22.55	22.65	22.49	24.10
100	PI/2 BPSK	135	0	22.64	22.71	22.58	24.10
100	PI/2 BPSK	135	69	22.68	22.72	22.63	24.10
100	PI/2 BPSK	135	138	22.52	22.69	22.54	24.10
100	PI/2 BPSK	270	0	22.53	22.69	22.57	24.10
100	QPSK	1	1	22.54	22.71	22.50	24.10
100	QPSK	1	137	22.61	22.67	22.46	24.10
100	QPSK	1	271	22.53	22.65	22.48	24.10
100	QPSK	135	0	22.51	22.67	22.49	24.10
100	QPSK	135	69	22.60	22.68	22.51	24.10
100	QPSK	135	138	22.57	22.72	22.54	24.10
100	QPSK	270	0	22.52	22.63	22.42	24.10
100	16QAM	1	1	22.57	22.63	22.52	24.10
100	64QAM	1	1	20.79	20.94	20.81	23.70
100	256QAM	1	1	19.26	19.52	19.36	21.70
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	22.64	22.65	22.62	24.10
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.60	22.68	22.54	24.10
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	22.63	22.67	22.58	24.10
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	22.67	22.59	22.60	24.10
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	22.55	22.59	22.60	24.10
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	22.56	22.72	22.58	24.10
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	22.61	22.61	22.60	24.10
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	22.58	22.70	22.51	24.10
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	22.55	22.61	22.64	24.10
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	22.67	22.61	22.55	24.10
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.54	22.59	22.55	24.10
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	22.58	22.61	22.51	24.10
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	22.56	22.66	22.51	24.10

【FR1 n48__FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant

4_Default】

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	23.03	23.05	23.02	24.50
40	PI/2 BPSK	1	53	22.84	22.88	22.75	24.50
40	PI/2 BPSK	1	104	22.75	22.81	22.74	24.50
40	PI/2 BPSK	50	0	22.33	22.42	22.32	24.00
40	PI/2 BPSK	50	28	22.93	22.97	22.86	24.50
40	PI/2 BPSK	50	56	22.31	22.36	22.31	24.00
40	PI/2 BPSK	100	0	22.36	22.47	22.39	24.00
40	QPSK	1	1	22.80	22.91	22.78	24.50
40	QPSK	1	53	22.76	22.83	22.77	24.50
40	QPSK	1	104	22.60	22.75	22.66	24.50
40	QPSK	50	0	21.88	21.93	21.78	23.50
40	QPSK	50	28	22.78	22.91	22.85	24.50
40	QPSK	50	56	21.71	21.87	21.75	23.50
40	QPSK	100	0	21.87	21.94	21.81	23.50
40	16QAM	1	1	21.72	21.82	21.73	23.50
40	64QAM	1	1	20.32	20.38	20.23	22.00
40	256QAM	1	1	18.26	18.36	18.14	20.00
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	22.89	22.91	22.88	24.50
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	22.95	22.93	23.00	24.50
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	22.93	22.94	22.96	24.50
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	23.02	22.93	22.97	24.50

【FR1 n48__FCC_Part 96 IC_RSS-192 (3550~3700MHz)_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				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	14.58	14.64	14.61	16.00
40	PI/2 BPSK	1	53	14.37	14.52	14.46	16.00
40	PI/2 BPSK	1	104	14.46	14.53	14.39	16.00
40	PI/2 BPSK	50	0	14.49	14.61	14.48	16.00
40	PI/2 BPSK	50	28	14.54	14.63	14.55	16.00
40	PI/2 BPSK	50	56	14.38	14.57	14.50	16.00
40	PI/2 BPSK	100	0	14.42	14.60	14.46	16.00
40	QPSK	1	1	14.52	14.59	14.48	16.00
40	QPSK	1	53	14.47	14.62	14.53	16.00
40	QPSK	1	104	14.42	14.59	14.44	16.00
40	QPSK	50	0	14.40	14.56	14.40	16.00
40	QPSK	50	28	14.52	14.62	14.46	16.00
40	QPSK	50	56	14.39	14.52	14.34	16.00
40	QPSK	100	0	14.46	14.62	14.56	16.00
40	16QAM	1	1	14.39	14.53	14.38	16.00
40	64QAM	1	1	14.49	14.57	14.51	16.00
40	256QAM	1	1	14.34	14.54	14.38	16.00
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	14.55	14.55	14.57	16.00
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	14.55	14.52	14.50	16.00
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	14.53	14.53	14.57	16.00
Channel				637000	641666	646332	Tune-up limit

Frequency (MHz)				3555	3624.99	3694.98	(dBm)
10	PI/2 BPSK	1	1	14.54	14.57	14.49	16.00

【FR1 n48__FCC_Part 96 IC_RSS-192 (3550~3700MHz)_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				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	18.05	18.08	18.03	19.50
40	PI/2 BPSK	1	53	17.85	17.99	17.86	19.50
40	PI/2 BPSK	1	104	17.84	17.92	17.79	19.50
40	PI/2 BPSK	50	0	17.95	18.01	17.88	19.50
40	PI/2 BPSK	50	28	17.99	18.05	17.95	19.50
40	PI/2 BPSK	50	56	17.84	17.94	17.74	19.50
40	PI/2 BPSK	100	0	17.92	17.98	17.80	19.50
40	QPSK	1	1	17.86	17.97	17.84	19.50
40	QPSK	1	53	17.83	17.96	17.88	19.50
40	QPSK	1	104	17.83	17.94	17.74	19.50
40	QPSK	50	0	17.94	18.00	17.93	19.50
40	QPSK	50	28	17.90	17.94	17.83	19.50
40	QPSK	50	56	17.88	18.01	17.81	19.50
40	QPSK	100	0	17.82	17.92	17.81	19.50
40	16QAM	1	1	17.85	17.99	17.87	19.50
40	64QAM	1	1	17.88	17.93	17.85	19.50
40	256QAM	1	1	17.83	17.96	17.77	19.50
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	18.03	18.07	17.96	19.50
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	18.03	18.00	17.98	19.50
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	17.90	17.94	17.96	19.50
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	18.04	17.99	17.93	19.50

【FR1 n48__FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant

4_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				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	22.51	22.56	22.53	24.00
40	PI/2 BPSK	1	53	22.34	22.45	22.28	24.00
40	PI/2 BPSK	1	104	22.27	22.45	22.40	24.00
40	PI/2 BPSK	50	0	22.34	22.45	22.38	24.00
40	PI/2 BPSK	50	28	22.45	22.53	22.47	24.00
40	PI/2 BPSK	50	56	22.35	22.49	22.41	24.00
40	PI/2 BPSK	100	0	22.29	22.48	22.40	24.00
40	QPSK	1	1	22.28	22.44	22.39	24.00
40	QPSK	1	53	22.26	22.45	22.30	24.00
40	QPSK	1	104	22.34	22.48	22.34	24.00
40	QPSK	50	0	21.87	21.93	21.79	23.50
40	QPSK	50	28	22.32	22.41	22.30	24.00
40	QPSK	50	56	21.72	21.87	21.71	23.50
40	QPSK	100	0	21.82	21.94	21.81	23.50
40	16QAM	1	1	21.71	21.82	21.72	23.50
40	64QAM	1	1	20.19	20.38	20.33	22.00
40	256QAM	1	1	18.28	18.36	18.23	20.00
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	22.42	22.51	22.45	24.00
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	22.45	22.42	22.50	24.00

Channel				637168	641666	646166	Tune-up limit
Frequency (MHz)				3557.52	3624.99	3692.49	(dBm)
15	PI/2 BPSK	1	1	22.49	22.46	22.52	24.00
Channel				637000	641666	646332	Tune-up limit
Frequency (MHz)				3555	3624.99	3694.98	(dBm)
10	PI/2 BPSK	1	1	22.45	22.53	22.44	24.00

【FR1 n48__FCC_Part 96 IC_RSS-192 (3550~3700MHz)_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				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	14.58	14.64	14.61	16.00
40	PI/2 BPSK	1	53	14.37	14.52	14.46	16.00
40	PI/2 BPSK	1	104	14.46	14.53	14.39	16.00
40	PI/2 BPSK	50	0	14.49	14.61	14.48	16.00
40	PI/2 BPSK	50	28	14.54	14.63	14.55	16.00
40	PI/2 BPSK	50	56	14.38	14.57	14.50	16.00
40	PI/2 BPSK	100	0	14.42	14.60	14.46	16.00
40	QPSK	1	1	14.52	14.59	14.48	16.00
40	QPSK	1	53	14.47	14.62	14.53	16.00
40	QPSK	1	104	14.42	14.59	14.44	16.00
40	QPSK	50	0	14.40	14.56	14.40	16.00
40	QPSK	50	28	14.52	14.62	14.46	16.00
40	QPSK	50	56	14.39	14.52	14.34	16.00
40	QPSK	100	0	14.46	14.62	14.56	16.00
40	16QAM	1	1	14.39	14.53	14.38	16.00
40	64QAM	1	1	14.49	14.57	14.51	16.00
40	256QAM	1	1	14.34	14.54	14.38	16.00
Channel				637668	641666	645666	Tune-up limit
Frequency (MHz)				3565.02	3624.99	3684.99	(dBm)
30	PI/2 BPSK	1	1	14.55	14.55	14.57	16.00
Channel				637334	641666	646000	Tune-up limit
Frequency (MHz)				3560.01	3624.99	3690	(dBm)
20	PI/2 BPSK	1	1	14.55	14.52	14.50	16.00
Channel				637168	641666	646166	Tune-up limit
Frequency (MHz)				3557.52	3624.99	3692.49	(dBm)
15	PI/2 BPSK	1	1	14.53	14.53	14.57	16.00
Channel				637000	641666	646332	Tune-up limit
Frequency (MHz)				3555	3624.99	3694.98	(dBm)
10	PI/2 BPSK	1	1	14.54	14.57	14.49	16.00

【FR1 n48__FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant

5_Default】

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	22.80	22.91	22.86	24.40
40	PI/2 BPSK	1	53	22.62	22.84	22.64	24.40
40	PI/2 BPSK	1	104	22.62	22.86	22.72	24.40
40	PI/2 BPSK	50	0	22.03	22.26	22.09	23.90
40	PI/2 BPSK	50	28	22.67	22.85	22.72	24.40
40	PI/2 BPSK	50	56	22.59	22.84	22.70	23.90
40	PI/2 BPSK	100	0	22.21	22.35	22.28	23.90
40	QPSK	1	1	22.57	22.79	22.68	24.40
40	QPSK	1	53	22.73	22.88	22.78	24.40
40	QPSK	1	104	22.58	22.84	22.68	24.40
40	QPSK	50	0	21.65	21.80	21.66	23.40
40	QPSK	50	28	22.52	22.71	22.65	24.40
40	QPSK	50	56	22.56	22.69	22.58	23.40
40	QPSK	100	0	21.64	21.82	21.71	23.40
40	16QAM	1	1	21.49	21.71	21.63	23.40
40	64QAM	1	1	20.07	20.25	20.07	21.90
40	256QAM	1	1	18.26	18.39	18.30	19.90
Channel				637668	641666	645666	Tune-up limit
Frequency (MHz)				3565.02	3624.99	3684.99	(dBm)

30	PI/2 BPSK	1	1	22.78	22.88	22.78	24.40
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	22.74	22.86	22.73	24.40
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	22.75	22.80	22.82	24.40
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	22.75	22.78	22.75	24.40

【FR1 n48__FCC_Part 96 IC_RSS-192 (3550~3700MHz)_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				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	16.92	16.97	16.95	18.40
40	PI/2 BPSK	1	53	16.73	16.89	16.77	18.40
40	PI/2 BPSK	1	104	16.81	16.88	16.79	18.40
40	PI/2 BPSK	50	0	16.73	16.89	16.72	18.40
40	PI/2 BPSK	50	28	16.89	16.95	16.91	18.40
40	PI/2 BPSK	50	56	16.79	16.91	16.87	18.40
40	PI/2 BPSK	100	0	16.72	16.89	16.76	18.40
40	QPSK	1	1	16.71	16.89	16.74	18.40
40	QPSK	1	53	16.74	16.81	16.72	18.40
40	QPSK	1	104	16.68	16.85	16.80	18.40
40	QPSK	50	0	16.71	16.80	16.71	18.40
40	QPSK	50	28	16.72	16.84	16.77	18.40
40	QPSK	50	56	16.71	16.88	16.73	18.40
40	QPSK	100	0	16.65	16.84	16.80	18.40
40	16QAM	1	1	16.66	16.85	16.75	18.40
40	64QAM	1	1	16.72	16.84	16.71	18.40
40	256QAM	1	1	16.76	16.89	16.76	18.40
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	16.89	16.87	16.93	18.40
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	16.78	16.82	16.89	18.40
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	16.87	16.93	16.93	18.40
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	16.83	16.93	16.89	18.40

【FR1 n48__FCC_Part 96 IC_RSS-192 (3550~3700MHz)_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				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	17.95	17.98	17.93	19.40
40	PI/2 BPSK	1	53	17.87	17.93	17.83	19.40
40	PI/2 BPSK	1	104	17.73	17.91	17.77	19.40
40	PI/2 BPSK	50	0	17.83	17.87	17.79	19.40
40	PI/2 BPSK	50	28	17.86	17.96	17.87	19.40
40	PI/2 BPSK	50	56	17.81	17.93	17.76	19.40
40	PI/2 BPSK	100	0	17.79	17.91	17.77	19.40
40	QPSK	1	1	17.91	17.96	17.76	19.40
40	QPSK	1	53	17.86	17.92	17.78	19.40
40	QPSK	1	104	17.73	17.88	17.76	19.40
40	QPSK	50	0	17.84	17.90	17.76	19.40
40	QPSK	50	28	17.87	17.94	17.85	19.40
40	QPSK	50	56	17.77	17.94	17.77	19.40
40	QPSK	100	0	17.86	17.92	17.73	19.40
40	16QAM	1	1	17.83	17.95	17.88	19.40

40	64QAM	1	1	17.71	17.88	17.69	19.40
40	256QAM	1	1	17.82	17.94	17.76	19.40
Channel				637668	641666	645666	Tune-up limit
Frequency (MHz)				3565.02	3624.99	3684.99	(dBm)
30	PI/2 BPSK	1	1	17.88	17.89	17.87	19.40
Channel				637334	641666	646000	Tune-up limit
Frequency (MHz)				3560.01	3624.99	3690	(dBm)
20	PI/2 BPSK	1	1	17.83	17.91	17.92	19.40
Channel				637168	641666	646166	Tune-up limit
Frequency (MHz)				3557.52	3624.99	3692.49	(dBm)
15	PI/2 BPSK	1	1	17.85	17.94	17.83	19.40
Channel				637000	641666	646332	Tune-up limit
Frequency (MHz)				3555	3624.99	3694.98	(dBm)
10	PI/2 BPSK	1	1	17.81	17.93	17.87	19.40

【FR1 n48__FCC_Part 96 IC_RSS-192 (3550~3700MHz)_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				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	17.95	17.98	17.93	19.40
40	PI/2 BPSK	1	53	17.87	17.93	17.83	19.40
40	PI/2 BPSK	1	104	17.73	17.91	17.77	19.40
40	PI/2 BPSK	50	0	17.83	17.87	17.79	19.40
40	PI/2 BPSK	50	28	17.86	17.96	17.87	19.40
40	PI/2 BPSK	50	56	17.81	17.93	17.76	19.40
40	PI/2 BPSK	100	0	17.79	17.91	17.77	19.40
40	QPSK	1	1	17.91	17.96	17.76	19.40
40	QPSK	1	53	17.86	17.92	17.78	19.40
40	QPSK	1	104	17.73	17.88	17.76	19.40
40	QPSK	50	0	17.84	17.90	17.76	19.40
40	QPSK	50	28	17.87	17.94	17.85	19.40
40	QPSK	50	56	17.77	17.94	17.77	19.40
40	QPSK	100	0	17.86	17.92	17.73	19.40
40	16QAM	1	1	17.83	17.95	17.88	19.40
40	64QAM	1	1	17.71	17.88	17.69	19.40
40	256QAM	1	1	17.82	17.94	17.76	19.40
Channel				637668	641666	645666	Tune-up limit
Frequency (MHz)				3565.02	3624.99	3684.99	(dBm)
30	PI/2 BPSK	1	1	17.88	17.89	17.87	19.40
Channel				637334	641666	646000	Tune-up limit
Frequency (MHz)				3560.01	3624.99	3690	(dBm)
20	PI/2 BPSK	1	1	17.83	17.91	17.92	19.40
Channel				637168	641666	646166	Tune-up limit
Frequency (MHz)				3557.52	3624.99	3692.49	(dBm)
15	PI/2 BPSK	1	1	17.85	17.94	17.83	19.40
Channel				637000	641666	646332	Tune-up limit
Frequency (MHz)				3555	3624.99	3694.98	(dBm)
10	PI/2 BPSK	1	1	17.81	17.93	17.87	19.40

【FR1 n48__FCC_Part 96 IC_RSS-192 (3550~3700MHz)_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				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	16.92	16.97	16.95	18.40
40	PI/2 BPSK	1	53	16.73	16.89	16.77	18.40
40	PI/2 BPSK	1	104	16.81	16.88	16.79	18.40
40	PI/2 BPSK	50	0	16.73	16.89	16.72	18.40
40	PI/2 BPSK	50	28	16.89	16.95	16.91	18.40
40	PI/2 BPSK	50	56	16.79	16.91	16.87	18.40
40	PI/2 BPSK	100	0	16.72	16.89	16.76	18.40
40	QPSK	1	1	16.71	16.89	16.74	18.40
40	QPSK	1	53	16.74	16.81	16.72	18.40
40	QPSK	1	104	16.68	16.85	16.80	18.40
40	QPSK	50	0	16.71	16.80	16.71	18.40

40	QPSK	50	28	16.72	16.84	16.77	18.40
40	QPSK	50	56	16.71	16.88	16.73	18.40
40	QPSK	100	0	16.65	16.84	16.80	18.40
40	16QAM	1	1	16.66	16.85	16.75	18.40
40	64QAM	1	1	16.72	16.84	16.71	18.40
40	256QAM	1	1	16.76	16.89	16.76	18.40
Channel				637668	641666	645666	Tune-up limit
Frequency (MHz)				3565.02	3624.99	3684.99	(dBm)
30	PI/2 BPSK	1	1	16.89	16.87	16.93	18.40
Channel				637334	641666	646000	Tune-up limit
Frequency (MHz)				3560.01	3624.99	3690	(dBm)
20	PI/2 BPSK	1	1	16.78	16.82	16.89	18.40
Channel				637168	641666	646166	Tune-up limit
Frequency (MHz)				3557.52	3624.99	3692.49	(dBm)
15	PI/2 BPSK	1	1	16.87	16.93	16.93	18.40
Channel				637000	641666	646332	Tune-up limit
Frequency (MHz)				3555	3624.99	3694.98	(dBm)
10	PI/2 BPSK	1	1	16.83	16.93	16.89	18.40

【FR1 n48__FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant

10_default】

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	22.93	23.02	22.86	24.50
40	PI/2 BPSK	1	53	22.81	22.93	22.74	24.50
40	PI/2 BPSK	1	104	22.72	22.84	22.54	24.50
40	PI/2 BPSK	50	0	22.17	22.29	22.06	24.00
40	PI/2 BPSK	50	28	22.79	22.91	22.78	24.50
40	PI/2 BPSK	50	56	22.67	22.89	22.64	24.00
40	PI/2 BPSK	100	0	22.20	22.39	22.14	24.00
40	QPSK	1	1	22.70	22.89	22.69	24.50
40	QPSK	1	53	22.69	22.86	22.62	24.50
40	QPSK	1	104	22.57	22.73	22.50	24.50
40	QPSK	50	0	21.51	21.73	21.45	23.50
40	QPSK	50	28	22.67	22.78	22.60	24.50
40	QPSK	50	56	22.60	22.76	22.54	23.50
40	QPSK	100	0	21.66	21.82	21.61	23.50
40	16QAM	1	1	21.54	21.75	21.49	23.50
40	64QAM	1	1	20.12	20.29	20.07	22.00
40	256QAM	1	1	18.09	18.28	18.10	20.00
Channel				637668	641666	645666	Tune-up limit
Frequency (MHz)				3565.02	3624.99	3684.99	(dBm)
30	PI/2 BPSK	1	1	22.92	22.93	22.82	24.50
Channel				637334	641666	646000	Tune-up limit
Frequency (MHz)				3560.01	3624.99	3690	(dBm)
20	PI/2 BPSK	1	1	22.78	22.97	22.78	24.50
Channel				637168	641666	646166	Tune-up limit
Frequency (MHz)				3557.52	3624.99	3692.49	(dBm)
15	PI/2 BPSK	1	1	22.82	22.96	22.80	24.50
Channel				637000	641666	646332	Tune-up limit
Frequency (MHz)				3555	3624.99	3694.98	(dBm)
10	PI/2 BPSK	1	1	22.81	22.87	22.76	24.50

【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	22.93	23.02	22.86	24.50
40	PI/2 BPSK	1	53	22.81	22.93	22.74	24.50
40	PI/2 BPSK	1	104	22.72	22.84	22.54	24.50
40	PI/2 BPSK	50	0	22.17	22.29	22.06	24.00
40	PI/2 BPSK	50	28	22.79	22.91	22.78	24.50
40	PI/2 BPSK	50	56	22.67	22.89	22.64	24.00
40	PI/2 BPSK	100	0	22.20	22.39	22.14	24.00

40	QPSK	1	1	22.70	22.89	22.69	24.50
40	QPSK	1	53	22.69	22.86	22.62	24.50
40	QPSK	1	104	22.57	22.73	22.50	24.50
40	QPSK	50	0	21.51	21.73	21.45	23.50
40	QPSK	50	28	22.67	22.78	22.60	24.50
40	QPSK	50	56	22.60	22.76	22.54	23.50
40	QPSK	100	0	21.66	21.82	21.61	23.50
40	16QAM	1	1	21.54	21.75	21.49	23.50
40	64QAM	1	1	20.12	20.29	20.07	22.00
40	256QAM	1	1	18.09	18.28	18.10	20.00
Channel				637668	641666	645666	Tune-up limit
Frequency (MHz)				3565.02	3624.99	3684.99	(dBm)
30	PI/2 BPSK	1	1	22.92	22.93	22.82	24.50
Channel				637334	641666	646000	Tune-up limit
Frequency (MHz)				3560.01	3624.99	3690	(dBm)
20	PI/2 BPSK	1	1	22.78	22.97	22.78	24.50
Channel				637168	641666	646166	Tune-up limit
Frequency (MHz)				3557.52	3624.99	3692.49	(dBm)
15	PI/2 BPSK	1	1	22.82	22.96	22.80	24.50
Channel				637000	641666	646332	Tune-up limit
Frequency (MHz)				3555	3624.99	3694.98	(dBm)
10	PI/2 BPSK	1	1	22.81	22.87	22.76	24.50

【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	17.06	17.11	17.09	18.50
40	PI/2 BPSK	1	53	16.82	16.97	16.81	18.50
40	PI/2 BPSK	1	104	16.89	16.97	16.82	18.50
40	PI/2 BPSK	50	0	16.83	16.93	16.85	18.50
40	PI/2 BPSK	50	28	17.05	17.08	17.03	18.50
40	PI/2 BPSK	50	56	16.89	17.02	16.92	18.50
40	PI/2 BPSK	100	0	16.90	17.05	16.89	18.50
40	QPSK	1	1	16.77	16.94	16.82	18.50
40	QPSK	1	53	16.82	17.00	16.86	18.50
40	QPSK	1	104	16.73	16.93	16.87	18.50
40	QPSK	50	0	16.87	17.01	16.92	18.50
40	QPSK	50	28	16.92	16.98	16.94	18.50
40	QPSK	50	56	16.84	16.96	16.86	18.50
40	QPSK	100	0	16.85	16.91	16.86	18.50
40	16QAM	1	1	16.93	17.00	16.88	18.50
40	64QAM	1	1	16.80	16.97	16.91	18.50
40	256QAM	1	1	16.78	16.92	16.77	18.50
Channel				637668	641666	645666	Tune-up limit
Frequency (MHz)				3565.02	3624.99	3684.99	(dBm)
30	PI/2 BPSK	1	1	17.02	17.09	16.99	18.50
Channel				637334	641666	646000	Tune-up limit
Frequency (MHz)				3560.01	3624.99	3690	(dBm)
20	PI/2 BPSK	1	1	16.94	17.05	17.02	18.50
Channel				637168	641666	646166	Tune-up limit
Frequency (MHz)				3557.52	3624.99	3692.49	(dBm)
15	PI/2 BPSK	1	1	16.97	17.06	17.04	18.50
Channel				637000	641666	646332	Tune-up limit
Frequency (MHz)				3555	3624.99	3694.98	(dBm)
10	PI/2 BPSK	1	1	16.95	17.06	17.03	18.50

【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	17.06	17.11	17.09	18.50
40	PI/2 BPSK	1	53	16.82	16.97	16.81	18.50
40	PI/2 BPSK	1	104	16.89	16.97	16.82	18.50
40	PI/2 BPSK	50	0	16.83	16.93	16.85	18.50
40	PI/2 BPSK	50	28	17.05	17.08	17.03	18.50
40	PI/2 BPSK	50	56	16.89	17.02	16.92	18.50
40	PI/2 BPSK	100	0	16.90	17.05	16.89	18.50
40	QPSK	1	1	16.77	16.94	16.82	18.50
40	QPSK	1	53	16.82	17.00	16.86	18.50
40	QPSK	1	104	16.73	16.93	16.87	18.50
40	QPSK	50	0	16.87	17.01	16.92	18.50
40	QPSK	50	28	16.92	16.98	16.94	18.50
40	QPSK	50	56	16.84	16.96	16.86	18.50
40	QPSK	100	0	16.85	16.91	16.86	18.50
40	16QAM	1	1	16.93	17.00	16.88	18.50
40	64QAM	1	1	16.80	16.97	16.91	18.50
40	256QAM	1	1	16.78	16.92	16.77	18.50
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	17.02	17.09	16.99	18.50
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	16.94	17.05	17.02	18.50
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	16.97	17.06	17.04	18.50
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	16.95	17.06	17.03	18.50

【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	17.06	17.11	17.09	18.50
40	PI/2 BPSK	1	53	16.82	16.97	16.81	18.50
40	PI/2 BPSK	1	104	16.89	16.97	16.82	18.50
40	PI/2 BPSK	50	0	16.83	16.93	16.85	18.50
40	PI/2 BPSK	50	28	17.05	17.08	17.03	18.50
40	PI/2 BPSK	50	56	16.89	17.02	16.92	18.50
40	PI/2 BPSK	100	0	16.90	17.05	16.89	18.50
40	QPSK	1	1	16.77	16.94	16.82	18.50
40	QPSK	1	53	16.82	17.00	16.86	18.50
40	QPSK	1	104	16.73	16.93	16.87	18.50
40	QPSK	50	0	16.87	17.01	16.92	18.50
40	QPSK	50	28	16.92	16.98	16.94	18.50
40	QPSK	50	56	16.84	16.96	16.86	18.50
40	QPSK	100	0	16.85	16.91	16.86	18.50
40	16QAM	1	1	16.93	17.00	16.88	18.50
40	64QAM	1	1	16.80	16.97	16.91	18.50
40	256QAM	1	1	16.78	16.92	16.77	18.50
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	17.02	17.09	16.99	18.50
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	16.94	17.05	17.02	18.50
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	16.97	17.06	17.04	18.50

Channel				637000	641666	646332	Tune-up limit
Frequency (MHz)				3555	3624.99	3694.98	(dBm)
10	PI/2 BPSK	1	1	16.95	17.06	17.03	18.50

【FR1 n48_FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant

19_default】

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 (dBm)
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	22.07	22.15	21.92	23.70
40	PI/2 BPSK	1	53	21.67	21.88	21.53	23.70
40	PI/2 BPSK	1	104	21.68	21.84	21.50	23.70
40	PI/2 BPSK	50	0	21.30	21.50	21.16	23.20
40	PI/2 BPSK	50	28	21.96	22.07	21.90	23.70
40	PI/2 BPSK	50	56	21.28	21.42	21.15	23.20
40	PI/2 BPSK	100	0	21.47	21.47	21.50	23.20
40	QPSK	1	1	21.95	22.04	21.67	23.70
40	QPSK	1	53	21.64	21.83	21.48	23.70
40	QPSK	1	104	21.76	21.87	21.50	23.70
40	QPSK	50	0	20.82	21.00	20.74	22.70
40	QPSK	50	28	21.79	21.93	21.61	23.70
40	QPSK	50	56	20.72	20.92	20.58	22.70
40	QPSK	100	0	20.96	20.98	20.90	22.70
40	16QAM	1	1	20.74	20.96	20.73	22.70
40	64QAM	1	1	19.23	19.45	19.13	21.20
40	256QAM	1	1	17.29	17.43	17.19	19.20
Channel				637668	641666	645666	Tune-up limit
Frequency (MHz)				3565.02	3624.99	3684.99	(dBm)
30	PI/2 BPSK	1	1	21.72	21.94	21.68	23.70
Channel				637334	641666	646000	Tune-up limit
Frequency (MHz)				3560.01	3624.99	3690	(dBm)
20	PI/2 BPSK	1	1	21.79	21.82	21.60	23.70
Channel				637168	641666	646166	Tune-up limit
Frequency (MHz)				3557.52	3624.99	3692.49	(dBm)
15	PI/2 BPSK	1	1	21.77	21.92	21.67	23.70
Channel				637000	641666	646332	Tune-up limit
Frequency (MHz)				3555	3624.99	3694.98	(dBm)
10	PI/2 BPSK	1	1	21.79	21.92	21.66	23.70

【FR1 n48_FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant

19_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	Tune-up limit (dBm)
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	18.30	18.31	18.21	19.70
40	PI/2 BPSK	1	53	17.95	18.17	18.09	19.70
40	PI/2 BPSK	1	104	17.96	18.13	17.98	19.70
40	PI/2 BPSK	50	0	18.01	18.13	18.04	19.70
40	PI/2 BPSK	50	28	18.15	18.22	18.21	19.70
40	PI/2 BPSK	50	56	18.00	18.12	18.06	19.70
40	PI/2 BPSK	100	0	18.06	18.15	18.03	19.70
40	QPSK	1	1	17.90	18.11	18.01	19.70
40	QPSK	1	53	17.94	18.13	18.00	19.70
40	QPSK	1	104	18.08	18.21	18.18	19.70
40	QPSK	50	0	17.99	18.17	18.03	19.70
40	QPSK	50	28	18.05	18.19	18.16	19.70
40	QPSK	50	56	18.11	18.21	18.13	19.70
40	QPSK	100	0	18.07	18.20	18.07	19.70
40	16QAM	1	1	17.97	18.11	17.97	19.70
40	64QAM	1	1	18.12	18.23	18.13	19.70
40	256QAM	1	1	17.29	17.43	17.19	19.20
Channel				637668	641666	645666	Tune-up limit
Frequency (MHz)				3565.02	3624.99	3684.99	(dBm)
30	PI/2 BPSK	1	1	18.07	18.16	18.17	19.70
Channel				637334	641666	646000	Tune-up limit
Frequency (MHz)				3560.01	3624.99	3690	(dBm)

20	PI/2 BPSK	1	1	18.09	18.20	18.19	19.70
Channel				637168	641666	646166	Tune-up limit
Frequency (MHz)				3557.52	3624.99	3692.49	(dBm)
15	PI/2 BPSK	1	1	18.12	18.15	18.18	19.70
Channel				637000	641666	646332	Tune-up limit
Frequency (MHz)				3555	3624.99	3694.98	(dBm)
10	PI/2 BPSK	1	1	18.05	18.09	18.14	19.70

【FR1 n48__FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant

19_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	Tune-up limit
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	17.25	17.28	17.27	18.70
40	PI/2 BPSK	1	53	17.05	17.18	17.02	18.70
40	PI/2 BPSK	1	104	16.96	17.12	17.09	18.70
40	PI/2 BPSK	50	0	17.07	17.18	17.06	18.70
40	PI/2 BPSK	50	28	17.21	17.25	17.18	18.70
40	PI/2 BPSK	50	56	16.99	17.14	17.08	18.70
40	PI/2 BPSK	100	0	17.11	17.23	17.19	18.70
40	QPSK	1	1	17.14	17.22	17.11	18.70
40	QPSK	1	53	17.17	17.21	17.12	18.70
40	QPSK	1	104	17.16	17.20	17.08	18.70
40	QPSK	50	0	17.06	17.16	17.00	18.70
40	QPSK	50	28	17.01	17.16	17.04	18.70
40	QPSK	50	56	16.98	17.13	16.99	18.70
40	QPSK	100	0	17.00	17.17	17.06	18.70
40	16QAM	1	1	17.11	17.20	17.14	18.70
40	64QAM	1	1	17.10	17.14	17.01	18.70
40	256QAM	1	1	17.09	17.22	17.17	18.70
Channel				637668	641666	645666	Tune-up limit
Frequency (MHz)				3565.02	3624.99	3684.99	(dBm)
30	PI/2 BPSK	1	1	17.23	17.16	17.15	18.70
Channel				637334	641666	646000	Tune-up limit
Frequency (MHz)				3560.01	3624.99	3690	(dBm)
20	PI/2 BPSK	1	1	17.10	17.19	17.13	18.70
Channel				637168	641666	646166	Tune-up limit
Frequency (MHz)				3557.52	3624.99	3692.49	(dBm)
15	PI/2 BPSK	1	1	17.12	17.23	17.19	18.70
Channel				637000	641666	646332	Tune-up limit
Frequency (MHz)				3555	3624.99	3694.98	(dBm)
10	PI/2 BPSK	1	1	17.22	17.16	17.26	18.70

【FR1 n48__FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant

19_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	17.25	17.28	17.27	18.70
40	PI/2 BPSK	1	53	17.05	17.18	17.02	18.70
40	PI/2 BPSK	1	104	16.96	17.12	17.09	18.70
40	PI/2 BPSK	50	0	17.07	17.18	17.06	18.70
40	PI/2 BPSK	50	28	17.21	17.25	17.18	18.70
40	PI/2 BPSK	50	56	16.99	17.14	17.08	18.70
40	PI/2 BPSK	100	0	17.11	17.23	17.19	18.70
40	QPSK	1	1	17.14	17.22	17.11	18.70
40	QPSK	1	53	17.17	17.21	17.12	18.70
40	QPSK	1	104	17.16	17.20	17.08	18.70
40	QPSK	50	0	17.06	17.16	17.00	18.70
40	QPSK	50	28	17.01	17.16	17.04	18.70
40	QPSK	50	56	16.98	17.13	16.99	18.70
40	QPSK	100	0	17.00	17.17	17.06	18.70
40	16QAM	1	1	17.11	17.20	17.14	18.70
40	64QAM	1	1	17.10	17.14	17.01	18.70
40	256QAM	1	1	17.09	17.22	17.17	18.70
Channel				637668	641666	645666	Tune-up limit

Frequency (MHz)				3565.02	3624.99	3684.99	(dBm)
30	PI/2 BPSK	1	1	17.23	17.16	17.15	18.70
Channel				637334	641666	646000	Tune-up limit
Frequency (MHz)				3560.01	3624.99	3690	(dBm)
20	PI/2 BPSK	1	1	17.10	17.19	17.13	18.70
Channel				637168	641666	646166	Tune-up limit
Frequency (MHz)				3557.52	3624.99	3692.49	(dBm)
15	PI/2 BPSK	1	1	17.12	17.23	17.19	18.70
Channel				637000	641666	646332	Tune-up limit
Frequency (MHz)				3555	3624.99	3694.98	(dBm)
10	PI/2 BPSK	1	1	17.22	17.16	17.26	18.70

【FR1 n48__FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant

19_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	17.25	17.28	17.27	18.70
40	PI/2 BPSK	1	53	17.05	17.18	17.02	18.70
40	PI/2 BPSK	1	104	16.96	17.12	17.09	18.70
40	PI/2 BPSK	50	0	17.07	17.18	17.06	18.70
40	PI/2 BPSK	50	28	17.21	17.25	17.18	18.70
40	PI/2 BPSK	50	56	16.99	17.14	17.08	18.70
40	PI/2 BPSK	100	0	17.11	17.23	17.19	18.70
40	QPSK	1	1	17.14	17.22	17.11	18.70
40	QPSK	1	53	17.17	17.21	17.12	18.70
40	QPSK	1	104	17.16	17.20	17.08	18.70
40	QPSK	50	0	17.06	17.16	17.00	18.70
40	QPSK	50	28	17.01	17.16	17.04	18.70
40	QPSK	50	56	16.98	17.13	16.99	18.70
40	QPSK	100	0	17.00	17.17	17.06	18.70
40	16QAM	1	1	17.11	17.20	17.14	18.70
40	64QAM	1	1	17.10	17.14	17.01	18.70
40	256QAM	1	1	17.09	17.22	17.17	18.70
Channel				637668	641666	645666	Tune-up limit
Frequency (MHz)				3565.02	3624.99	3684.99	(dBm)
30	PI/2 BPSK	1	1	17.23	17.16	17.15	18.70
Channel				637334	641666	646000	Tune-up limit
Frequency (MHz)				3560.01	3624.99	3690	(dBm)
20	PI/2 BPSK	1	1	17.10	17.19	17.13	18.70
Channel				637168	641666	646166	Tune-up limit
Frequency (MHz)				3557.52	3624.99	3692.49	(dBm)
15	PI/2 BPSK	1	1	17.12	17.23	17.19	18.70
Channel				637000	641666	646332	Tune-up limit
Frequency (MHz)				3555	3624.99	3694.98	(dBm)
10	PI/2 BPSK	1	1	17.22	17.16	17.26	18.70

【FR1 n66_Ant 4_Default】

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	25.22	25.26	25.20	25.70
45	PI/2 BPSK	1	120	24.91	25.06	24.99	25.70
45	PI/2 BPSK	1	240	24.98	25.15	25.03	25.70
45	PI/2 BPSK	120	0	24.52	24.63	24.51	25.20
45	PI/2 BPSK	120	60	24.98	25.14	25.01	25.70
45	PI/2 BPSK	120	120	24.50	24.63	24.43	25.20
45	PI/2 BPSK	240	0	24.59	24.72	24.63	25.20
45	QPSK	1	1	25.14	25.20	25.06	25.70
45	QPSK	1	120	24.93	25.07	24.98	25.70
45	QPSK	1	240	25.02	25.18	25.01	25.70
45	QPSK	120	0	23.97	24.11	24.03	24.70
45	QPSK	120	60	24.92	25.03	24.86	25.70
45	QPSK	120	120	24.02	24.09	24.01	24.70
45	QPSK	240	0	23.99	24.15	24.01	24.70
45	16QAM	1	1	23.88	24.05	23.84	24.70
45	64QAM	1	1	22.48	22.54	22.41	23.20

45	256QAM	1	1	20.36	20.46	20.36	21.20
Channel				346000	349000	352000	Tune-up limit
Frequency (MHz)				1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	25.20	25.12	25.14	25.70
Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	25.15	25.16	25.13	25.70
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	25.09	25.12	25.15	25.70
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	25.19	25.14	25.08	25.70
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	25.15	25.16	25.16	25.70
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	25.08	25.15	25.17	25.70
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	25.10	25.12	25.12	25.70
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	25.10	25.24	25.11	25.70

【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	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	18.15	18.23	18.19	18.70
45	PI/2 BPSK	1	120	17.99	18.21	18.04	18.70
45	PI/2 BPSK	1	240	18.03	18.21	18.06	18.70
45	PI/2 BPSK	120	0	18.02	18.18	18.08	18.70
45	PI/2 BPSK	120	60	18.09	18.21	18.12	18.70
45	PI/2 BPSK	120	120	17.93	18.15	18.06	18.70
45	PI/2 BPSK	240	0	17.99	18.19	18.07	18.70
45	QPSK	1	1	17.99	18.20	18.14	18.70
45	QPSK	1	120	18.03	18.21	18.06	18.70
45	QPSK	1	240	17.97	18.11	17.95	18.70
45	QPSK	120	0	18.06	18.17	17.98	18.70
45	QPSK	120	60	17.99	18.22	18.15	18.70
45	QPSK	120	120	17.99	18.17	18.12	18.70
45	QPSK	240	0	17.98	18.18	18.08	18.70
45	16QAM	1	1	17.95	18.18	18.00	18.70
45	64QAM	1	1	18.00	18.17	18.08	18.70
45	256QAM	1	1	18.02	18.14	17.95	18.70
Channel				346000	349000	352000	Tune-up limit
Frequency (MHz)				1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	18.03	18.18	18.14	18.70
Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	18.08	18.15	18.12	18.70
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	18.13	18.20	18.09	18.70
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	18.13	18.20	18.15	18.70
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	18.09	18.09	18.12	18.70
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	18.05	18.10	18.12	18.70
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	18.10	18.17	18.07	18.70
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	18.06	18.21	18.10	18.70

【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	21.19	21.25	21.23	21.70
45	PI/2 BPSK	1	120	21.10	21.18	21.05	21.70
45	PI/2 BPSK	1	240	21.00	21.21	21.08	21.70
45	PI/2 BPSK	120	0	21.05	21.16	21.07	21.70
45	PI/2 BPSK	120	60	21.14	21.24	21.16	21.70
45	PI/2 BPSK	120	120	20.96	21.15	21.01	21.70
45	PI/2 BPSK	240	0	21.08	21.22	21.08	21.70
45	QPSK	1	1	21.08	21.19	21.15	21.70
45	QPSK	1	120	21.10	21.18	21.06	21.70
45	QPSK	1	240	20.96	21.14	20.99	21.70
45	QPSK	120	0	21.02	21.13	21.04	21.70
45	QPSK	120	60	20.95	21.15	21.06	21.70
45	QPSK	120	120	20.95	21.11	20.97	21.70
45	QPSK	240	0	21.01	21.15	21.05	21.70
45	16QAM	1	1	21.03	21.21	21.12	21.70
45	64QAM	1	1	20.94	21.13	21.00	21.70
45	256QAM	1	1	20.38	20.46	20.34	21.20
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	21.08	21.23	21.22	21.70
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	21.13	21.15	21.14	21.70
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	21.12	21.17	21.10	21.70
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	21.17	21.18	21.13	21.70
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	21.14	21.22	21.17	21.70
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	21.09	21.23	21.12	21.70
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	21.06	21.17	21.11	21.70
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	21.13	21.22	21.13	21.70

【FR1 n66_Ant 4_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	24.61	24.65	24.64	25.20
45	PI/2 BPSK	1	120	24.50	24.58	24.53	25.20
45	PI/2 BPSK	1	240	24.55	24.62	24.52	25.20
45	PI/2 BPSK	120	0	24.54	24.59	24.43	25.20
45	PI/2 BPSK	120	60	24.57	24.63	24.61	25.20
45	PI/2 BPSK	120	120	24.50	24.62	24.59	25.20
45	PI/2 BPSK	240	0	24.55	24.62	24.55	25.20
45	QPSK	1	1	24.56	24.69	24.66	25.20
45	QPSK	1	120	24.51	24.68	24.60	25.20
45	QPSK	1	240	24.58	24.67	24.55	25.20
45	QPSK	120	0	24.05	24.11	24.08	24.70
45	QPSK	120	60	24.42	24.56	24.51	25.20
45	QPSK	120	120	23.98	24.09	24.07	24.70
45	QPSK	240	0	24.00	24.15	24.05	24.70
45	16QAM	1	1	23.92	24.05	23.92	24.70
45	64QAM	1	1	22.38	22.54	22.43	23.20
45	256QAM	1	1	20.32	20.46	20.42	21.20
Channel				346000	349000	352000	Tune-up limit

	Frequency (MHz)			1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	24.53	24.58	24.57	25.20
	Channel			345500	349000	352500	Tune-up limit
	Frequency (MHz)			1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	24.51	24.58	24.60	25.20
	Channel			345000	349000	353000	Tune-up limit
	Frequency (MHz)			1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	24.50	24.56	24.58	25.20
	Channel			344500	349000	353500	Tune-up limit
	Frequency (MHz)			1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	24.50	24.59	24.52	25.20
	Channel			344000	349000	354000	Tune-up limit
	Frequency (MHz)			1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	24.57	24.56	24.52	25.20
	Channel			343500	349000	354500	Tune-up limit
	Frequency (MHz)			1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	24.53	24.50	24.53	25.20
	Channel			343000	349000	355000	Tune-up limit
	Frequency (MHz)			1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	24.53	24.63	24.55	25.20
	Channel			342500	349000	355500	Tune-up limit
	Frequency (MHz)			1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	24.51	24.54	24.52	25.20

【FR1 n66_Ant 4_DSIS】

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	18.15	18.23	18.19	18.70
45	PI/2 BPSK	1	120	17.99	18.21	18.04	18.70
45	PI/2 BPSK	1	240	18.03	18.21	18.06	18.70
45	PI/2 BPSK	120	0	18.02	18.18	18.08	18.70
45	PI/2 BPSK	120	60	18.09	18.21	18.12	18.70
45	PI/2 BPSK	120	120	17.93	18.15	18.06	18.70
45	PI/2 BPSK	240	0	17.99	18.19	18.07	18.70
45	QPSK	1	1	17.99	18.20	18.14	18.70
45	QPSK	1	120	18.03	18.21	18.06	18.70
45	QPSK	1	240	17.97	18.11	17.95	18.70
45	QPSK	120	0	18.06	18.17	17.98	18.70
45	QPSK	120	60	17.99	18.22	18.15	18.70
45	QPSK	120	120	17.99	18.17	18.12	18.70
45	QPSK	240	0	17.98	18.18	18.08	18.70
45	16QAM	1	1	17.95	18.18	18.00	18.70
45	64QAM	1	1	18.00	18.17	18.08	18.70
45	256QAM	1	1	18.02	18.14	17.95	18.70
	Channel			346000	349000	352000	Tune-up limit
	Frequency (MHz)			1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	18.03	18.18	18.14	18.70
	Channel			345500	349000	352500	Tune-up limit
	Frequency (MHz)			1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	18.08	18.15	18.12	18.70
	Channel			345000	349000	353000	Tune-up limit
	Frequency (MHz)			1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	18.13	18.20	18.09	18.70
	Channel			344500	349000	353500	Tune-up limit
	Frequency (MHz)			1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	18.13	18.20	18.15	18.70
	Channel			344000	349000	354000	Tune-up limit
	Frequency (MHz)			1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	18.09	18.09	18.12	18.70
	Channel			343500	349000	354500	Tune-up limit
	Frequency (MHz)			1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	18.05	18.10	18.12	18.70
	Channel			343000	349000	355000	Tune-up limit
	Frequency (MHz)			1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	18.10	18.17	18.07	18.70
	Channel			342500	349000	355500	Tune-up limit
	Frequency (MHz)			1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	18.06	18.21	18.10	18.70

【FR1 n66_Ant 5_Default】

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	24.99	25.13	25.09	25.70
45	PI/2 BPSK	1	120	24.74	24.99	24.82	25.70
45	PI/2 BPSK	1	240	24.76	24.91	24.73	25.70
45	PI/2 BPSK	120	0	24.27	24.49	24.43	25.20
45	PI/2 BPSK	120	60	24.82	25.11	25.03	25.70
45	PI/2 BPSK	120	120	24.41	24.63	24.52	25.20
45	PI/2 BPSK	240	0	24.49	24.73	24.64	25.20
45	QPSK	1	1	24.84	25.11	25.03	25.70
45	QPSK	1	120	24.75	24.98	24.80	25.70
45	QPSK	1	240	24.91	25.09	24.92	25.70
45	QPSK	120	0	23.90	24.13	24.01	24.70
45	QPSK	120	60	24.85	25.08	25.00	25.70
45	QPSK	120	120	23.80	24.07	23.96	24.70
45	QPSK	240	0	23.98	24.18	24.09	24.70
45	16QAM	1	1	23.85	24.03	23.97	24.70
45	64QAM	1	1	22.26	22.46	22.30	23.20
45	256QAM	1	1	20.24	20.39	20.28	21.20
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	24.87	25.02	25.00	25.70
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	24.94	25.10	25.02	25.70
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	24.98	25.02	25.06	25.70
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	24.95	25.05	24.98	25.70
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	24.98	25.10	25.00	25.70
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	24.94	25.06	25.07	25.70
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	24.98	25.01	25.07	25.70
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	24.97	25.10	24.98	25.70

【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	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	16.15	16.18	16.11	16.70
45	PI/2 BPSK	1	120	16.09	16.16	16.00	16.70
45	PI/2 BPSK	1	240	15.97	16.12	15.98	16.70
45	PI/2 BPSK	120	0	15.95	16.11	15.89	16.70
45	PI/2 BPSK	120	60	16.10	16.16	16.08	16.70
45	PI/2 BPSK	120	120	16.05	16.10	16.00	16.70
45	PI/2 BPSK	240	0	16.01	16.15	15.98	16.70
45	QPSK	1	1	15.91	16.08	15.97	16.70
45	QPSK	1	120	16.08	16.14	15.94	16.70
45	QPSK	1	240	16.09	16.14	16.01	16.70
45	QPSK	120	0	16.06	16.15	16.03	16.70
45	QPSK	120	60	15.97	16.06	15.96	16.70
45	QPSK	120	120	16.01	16.16	16.08	16.70
45	QPSK	240	0	15.94	16.07	15.88	16.70
45	16QAM	1	1	15.98	16.09	15.93	16.70
45	64QAM	1	1	16.09	16.13	16.03	16.70
45	256QAM	1	1	16.01	16.13	15.97	16.70
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	16.12	16.12	15.98	16.70

Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	16.08	16.16	16.09	16.70
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	16.02	16.06	16.09	16.70
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	16.07	16.04	16.09	16.70
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	16.09	16.05	16.06	16.70
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	16.04	16.05	16.01	16.70
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	16.12	16.15	16.04	16.70
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	16.07	16.08	15.98	16.70

【FR1 n66_Ant 5_DS13】

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	18.62	18.68	18.65	19.20
45	PI/2 BPSK	1	120	18.50	18.62	18.51	19.20
45	PI/2 BPSK	1	240	18.47	18.60	18.53	19.20
45	PI/2 BPSK	120	0	18.48	18.62	18.47	19.20
45	PI/2 BPSK	120	60	18.62	18.65	18.57	19.20
45	PI/2 BPSK	120	120	18.40	18.60	18.50	19.20
45	PI/2 BPSK	240	0	18.51	18.63	18.54	19.20
45	QPSK	1	1	18.57	18.66	18.58	19.20
45	QPSK	1	120	18.51	18.68	18.57	19.20
45	QPSK	1	240	18.52	18.63	18.52	19.20
45	QPSK	120	0	18.52	18.62	18.57	19.20
45	QPSK	120	60	18.49	18.67	18.54	19.20
45	QPSK	120	120	18.40	18.61	18.45	19.20
45	QPSK	240	0	18.48	18.67	18.51	19.20
45	16QAM	1	1	18.47	18.62	18.46	19.20
45	64QAM	1	1	18.57	18.66	18.53	19.20
45	256QAM	1	1	18.45	18.65	18.52	19.20
Channel				346000	349000	352000	Tune-up limit
Frequency (MHz)				1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	18.55	18.53	18.54	19.20
Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	18.57	18.67	18.59	19.20
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	18.59	18.61	18.57	19.20
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	18.50	18.65	18.55	19.20
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	18.59	18.60	18.62	19.20
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	18.58	18.60	18.54	19.20
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	18.47	18.57	18.61	19.20
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	18.54	18.64	18.54	19.20

【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	18.62	18.68	18.65	19.20
45	PI/2 BPSK	1	120	18.50	18.62	18.51	19.20
45	PI/2 BPSK	1	240	18.47	18.60	18.53	19.20
45	PI/2 BPSK	120	0	18.48	18.62	18.47	19.20
45	PI/2 BPSK	120	60	18.62	18.65	18.57	19.20
45	PI/2 BPSK	120	120	18.40	18.60	18.50	19.20
45	PI/2 BPSK	240	0	18.51	18.63	18.54	19.20
45	QPSK	1	1	18.57	18.66	18.58	19.20
45	QPSK	1	120	18.51	18.68	18.57	19.20
45	QPSK	1	240	18.52	18.63	18.52	19.20
45	QPSK	120	0	18.52	18.62	18.57	19.20
45	QPSK	120	60	18.49	18.67	18.54	19.20
45	QPSK	120	120	18.40	18.61	18.45	19.20
45	QPSK	240	0	18.48	18.67	18.51	19.20
45	16QAM	1	1	18.47	18.62	18.46	19.20
45	64QAM	1	1	18.57	18.66	18.53	19.20
45	256QAM	1	1	18.45	18.65	18.52	19.20
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	18.55	18.53	18.54	19.20
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	18.57	18.67	18.59	19.20
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	18.59	18.61	18.57	19.20
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	18.50	18.65	18.55	19.20
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	18.59	18.60	18.62	19.20
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	18.58	18.60	18.54	19.20
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	18.47	18.57	18.61	19.20
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	18.54	18.64	18.54	19.20

【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	16.15	16.18	16.11	16.70
45	PI/2 BPSK	1	120	16.09	16.16	16.00	16.70
45	PI/2 BPSK	1	240	15.97	16.12	15.98	16.70
45	PI/2 BPSK	120	0	15.95	16.11	15.89	16.70
45	PI/2 BPSK	120	60	16.10	16.16	16.08	16.70
45	PI/2 BPSK	120	120	16.05	16.10	16.00	16.70
45	PI/2 BPSK	240	0	16.01	16.15	15.98	16.70
45	QPSK	1	1	15.91	16.08	15.97	16.70
45	QPSK	1	120	16.08	16.14	15.94	16.70
45	QPSK	1	240	16.09	16.14	16.01	16.70
45	QPSK	120	0	16.06	16.15	16.03	16.70
45	QPSK	120	60	15.97	16.06	15.96	16.70
45	QPSK	120	120	16.01	16.16	16.08	16.70
45	QPSK	240	0	15.94	16.07	15.88	16.70
45	16QAM	1	1	15.98	16.09	15.93	16.70
45	64QAM	1	1	16.09	16.13	16.03	16.70
45	256QAM	1	1	16.01	16.13	15.97	16.70
Channel				346000	349000	352000	Tune-up limit

	Frequency (MHz)			1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	16.12	16.12	15.98	16.70
	Channel			345500	349000	352500	Tune-up limit
	Frequency (MHz)			1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	16.08	16.16	16.09	16.70
	Channel			345000	349000	353000	Tune-up limit
	Frequency (MHz)			1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	16.02	16.06	16.09	16.70
	Channel			344500	349000	353500	Tune-up limit
	Frequency (MHz)			1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	16.07	16.04	16.09	16.70
	Channel			344000	349000	354000	Tune-up limit
	Frequency (MHz)			1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	16.09	16.05	16.06	16.70
	Channel			343500	349000	354500	Tune-up limit
	Frequency (MHz)			1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	16.04	16.05	16.01	16.70
	Channel			343000	349000	355000	Tune-up limit
	Frequency (MHz)			1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	16.12	16.15	16.04	16.70
	Channel			342500	349000	355500	Tune-up limit
	Frequency (MHz)			1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	16.07	16.08	15.98	16.70

【FR1 n66_Ant 6_default】

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	25.33	25.34	25.27	25.70
45	PI/2 BPSK	1	120	25.15	25.29	25.15	25.70
45	PI/2 BPSK	1	240	25.26	25.30	25.09	25.70
45	PI/2 BPSK	120	0	24.76	24.86	24.68	25.20
45	PI/2 BPSK	120	60	25.21	25.32	25.17	25.70
45	PI/2 BPSK	120	120	24.86	24.89	24.74	25.20
45	PI/2 BPSK	240	0	24.88	24.90	24.82	25.20
45	QPSK	1	1	25.15	25.30	25.10	25.70
45	QPSK	1	120	25.25	25.31	25.20	25.70
45	QPSK	1	240	25.27	25.30	25.18	25.70
45	QPSK	120	0	24.25	24.33	24.13	24.70
45	QPSK	120	60	25.23	25.33	25.14	25.70
45	QPSK	120	120	24.35	24.39	24.23	24.70
45	QPSK	240	0	24.30	24.36	24.23	24.70
45	16QAM	1	1	24.25	24.39	24.26	24.70
45	64QAM	1	1	22.67	22.81	22.66	23.20
45	256QAM	1	1	20.67	20.79	20.67	21.20
	Channel			346000	349000	352000	Tune-up limit
	Frequency (MHz)			1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	25.24	25.28	25.13	25.70
	Channel			345500	349000	352500	Tune-up limit
	Frequency (MHz)			1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	25.29	25.27	25.14	25.70
	Channel			345000	349000	353000	Tune-up limit
	Frequency (MHz)			1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	25.21	25.25	25.13	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	25.25	25.25	25.70
	Channel			344000	349000	354000	Tune-up limit
	Frequency (MHz)			1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	25.30	25.29	25.13	25.70
	Channel			343500	349000	354500	Tune-up limit
	Frequency (MHz)			1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	25.19	25.27	25.21	25.70
	Channel			343000	349000	355000	Tune-up limit
	Frequency (MHz)			1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	25.28	25.24	25.24	25.70
	Channel			342500	349000	355500	Tune-up limit
	Frequency (MHz)			1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	25.22	25.20	25.25	25.70

【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	25.33	25.34	25.27	25.70
45	PI/2 BPSK	1	120	25.15	25.29	25.15	25.70
45	PI/2 BPSK	1	240	25.26	25.30	25.09	25.70
45	PI/2 BPSK	120	0	24.76	24.86	24.68	25.20
45	PI/2 BPSK	120	60	25.21	25.32	25.17	25.70
45	PI/2 BPSK	120	120	24.86	24.89	24.74	25.20
45	PI/2 BPSK	240	0	24.88	24.90	24.82	25.20
45	QPSK	1	1	25.15	25.30	25.10	25.70
45	QPSK	1	120	25.25	25.31	25.20	25.70
45	QPSK	1	240	25.27	25.30	25.18	25.70
45	QPSK	120	0	24.25	24.33	24.13	24.70
45	QPSK	120	60	25.23	25.33	25.14	25.70
45	QPSK	120	120	24.35	24.39	24.23	24.70
45	QPSK	240	0	24.30	24.36	24.23	24.70
45	16QAM	1	1	24.25	24.39	24.26	24.70
45	64QAM	1	1	22.67	22.81	22.66	23.20
45	256QAM	1	1	20.67	20.79	20.67	21.20
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	25.24	25.28	25.13	25.70
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	25.29	25.27	25.14	25.70
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	25.21	25.25	25.13	25.70
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	25.29	25.25	25.25	25.70
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	25.30	25.29	25.13	25.70
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	25.19	25.27	25.21	25.70
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	25.28	25.24	25.24	25.70
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	25.22	25.20	25.25	25.70

【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	20.15	20.21	20.18	20.70
45	PI/2 BPSK	1	120	20.09	20.16	20.07	20.70
45	PI/2 BPSK	1	240	19.90	20.10	20.03	20.70
45	PI/2 BPSK	120	0	20.02	20.19	20.14	20.70
45	PI/2 BPSK	120	60	20.10	20.20	20.18	20.70
45	PI/2 BPSK	120	120	20.03	20.19	20.04	20.70
45	PI/2 BPSK	240	0	20.00	20.18	20.06	20.70
45	QPSK	1	1	20.02	20.17	20.08	20.70
45	QPSK	1	120	20.06	20.18	20.07	20.70
45	QPSK	1	240	19.98	20.13	20.02	20.70
45	QPSK	120	0	19.98	20.12	19.98	20.70
45	QPSK	120	60	19.92	20.09	19.91	20.70
45	QPSK	120	120	20.10	20.19	20.11	20.70
45	QPSK	240	0	19.97	20.18	20.14	20.70
45	16QAM	1	1	20.02	20.09	19.91	20.70
45	64QAM	1	1	20.06	20.19	20.15	20.70
45	256QAM	1	1	20.03	20.20	20.13	20.70
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	20.06	20.10	20.15	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	20.13	20.03	20.70
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	20.05	20.16	20.09	20.70
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	20.02	20.19	20.11	20.70
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	20.12	20.06	20.12	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	20.13	20.08	20.70
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	20.02	20.15	20.07	20.70
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	20.07	20.16	20.09	20.70

【FR1 n66_Ant 6_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	25.33	25.34	25.27	25.70
45	PI/2 BPSK	1	120	25.15	25.29	25.15	25.70
45	PI/2 BPSK	1	240	25.26	25.30	25.09	25.70
45	PI/2 BPSK	120	0	24.76	24.86	24.68	25.20
45	PI/2 BPSK	120	60	25.21	25.32	25.17	25.70
45	PI/2 BPSK	120	120	24.86	24.89	24.74	25.20
45	PI/2 BPSK	240	0	24.88	24.90	24.82	25.20
45	QPSK	1	1	25.15	25.30	25.10	25.70
45	QPSK	1	120	25.25	25.31	25.20	25.70
45	QPSK	1	240	25.27	25.30	25.18	25.70
45	QPSK	120	0	24.25	24.33	24.13	24.70
45	QPSK	120	60	25.23	25.33	25.14	25.70
45	QPSK	120	120	24.35	24.39	24.23	24.70
45	QPSK	240	0	24.30	24.36	24.23	24.70
45	16QAM	1	1	24.25	24.39	24.26	24.70
45	64QAM	1	1	22.67	22.81	22.66	23.20
45	256QAM	1	1	20.67	20.79	20.67	21.20
Channel				346000	349000	352000	Tune-up limit
Frequency (MHz)				1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	25.24	25.28	25.13	25.70
Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	25.29	25.27	25.14	25.70
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	25.21	25.25	25.13	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	25.25	25.25	25.70
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	25.30	25.29	25.13	25.70
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	25.19	25.27	25.21	25.70
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	25.28	25.24	25.24	25.70
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	25.22	25.20	25.25	25.70

【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	20.15	20.21	20.18	20.70
45	PI/2 BPSK	1	120	20.09	20.16	20.07	20.70
45	PI/2 BPSK	1	240	19.90	20.10	20.03	20.70
45	PI/2 BPSK	120	0	20.02	20.19	20.14	20.70
45	PI/2 BPSK	120	60	20.10	20.20	20.18	20.70
45	PI/2 BPSK	120	120	20.03	20.19	20.04	20.70
45	PI/2 BPSK	240	0	20.00	20.18	20.06	20.70
45	QPSK	1	1	20.02	20.17	20.08	20.70
45	QPSK	1	120	20.06	20.18	20.07	20.70
45	QPSK	1	240	19.98	20.13	20.02	20.70
45	QPSK	120	0	19.98	20.12	19.98	20.70
45	QPSK	120	60	19.92	20.09	19.91	20.70
45	QPSK	120	120	20.10	20.19	20.11	20.70
45	QPSK	240	0	19.97	20.18	20.14	20.70
45	16QAM	1	1	20.02	20.09	19.91	20.70
45	64QAM	1	1	20.06	20.19	20.15	20.70
45	256QAM	1	1	20.03	20.20	20.13	20.70
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	20.06	20.10	20.15	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	20.13	20.03	20.70
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	20.05	20.16	20.09	20.70
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	20.02	20.19	20.11	20.70
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	20.12	20.06	20.12	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	20.13	20.08	20.70
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	20.02	20.15	20.07	20.70
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	20.07	20.16	20.09	20.70

【FR1 n66_Ant 7_default】

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	24.18	24.22	24.19	25.20
45	PI/2 BPSK	1	120	23.98	24.16	24.09	25.20
45	PI/2 BPSK	1	240	24.12	24.21	24.06	25.20
45	PI/2 BPSK	120	0	23.59	23.69	23.51	24.70
45	PI/2 BPSK	120	60	24.06	24.12	24.00	25.20
45	PI/2 BPSK	120	120	23.60	23.67	23.55	24.70
45	PI/2 BPSK	240	0	23.55	23.66	23.53	24.70
45	QPSK	1	1	24.22	24.28	24.12	25.20
45	QPSK	1	120	24.04	24.18	24.01	25.20
45	QPSK	1	240	24.16	24.25	24.16	25.20
45	QPSK	120	0	23.08	23.16	23.04	24.20
45	QPSK	120	60	24.12	24.21	24.13	25.20
45	QPSK	120	120	23.05	23.19	23.02	24.20
45	QPSK	240	0	23.16	23.21	23.09	24.20
45	16QAM	1	1	23.13	23.24	23.12	24.20
45	64QAM	1	1	21.62	21.67	21.61	22.70
45	256QAM	1	1	19.58	19.63	19.54	20.70
Channel				346000	349000	352000	Tune-up limit

	Frequency (MHz)			1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	24.15	24.14	24.16	25.20
	Channel			345500	349000	352500	Tune-up limit
	Frequency (MHz)			1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	24.10	24.16	24.12	25.20
	Channel			345000	349000	353000	Tune-up limit
	Frequency (MHz)			1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	24.15	24.15	24.16	25.20
	Channel			344500	349000	353500	Tune-up limit
	Frequency (MHz)			1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	24.13	24.07	24.14	25.20
	Channel			344000	349000	354000	Tune-up limit
	Frequency (MHz)			1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	24.14	24.14	24.10	25.20
	Channel			343500	349000	354500	Tune-up limit
	Frequency (MHz)			1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	24.12	24.18	24.16	25.20
	Channel			343000	349000	355000	Tune-up limit
	Frequency (MHz)			1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	24.05	24.16	24.14	25.20
	Channel			342500	349000	355500	Tune-up limit
	Frequency (MHz)			1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	24.14	24.12	24.14	25.20

【FR1 n66_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			346500	349000	351500	
	Frequency (MHz)			1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	18.42	18.49	18.45	19.70
45	PI/2 BPSK	1	120	18.39	18.48	18.30	19.70
45	PI/2 BPSK	1	240	18.26	18.42	18.27	19.70
45	PI/2 BPSK	120	0	18.37	18.46	18.33	19.70
45	PI/2 BPSK	120	60	18.42	18.47	18.41	19.70
45	PI/2 BPSK	120	120	18.31	18.42	18.35	19.70
45	PI/2 BPSK	240	0	18.29	18.45	18.28	19.70
45	QPSK	1	1	18.25	18.40	18.24	19.70
45	QPSK	1	120	18.26	18.44	18.32	19.70
45	QPSK	1	240	18.16	18.38	18.28	19.70
45	QPSK	120	0	18.26	18.37	18.26	19.70
45	QPSK	120	60	18.30	18.42	18.34	19.70
45	QPSK	120	120	18.33	18.46	18.31	19.70
45	QPSK	240	0	18.22	18.37	18.25	19.70
45	16QAM	1	1	18.27	18.42	18.35	19.70
45	64QAM	1	1	18.25	18.37	18.26	19.70
45	256QAM	1	1	18.27	18.47	18.42	19.70
	Channel			346000	349000	352000	Tune-up limit
	Frequency (MHz)			1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	18.28	18.37	18.42	19.70
	Channel			345500	349000	352500	Tune-up limit
	Frequency (MHz)			1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	18.32	18.46	18.37	19.70
	Channel			345000	349000	353000	Tune-up limit
	Frequency (MHz)			1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	18.30	18.47	18.39	19.70
	Channel			344500	349000	353500	Tune-up limit
	Frequency (MHz)			1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	18.37	18.38	18.41	19.70
	Channel			344000	349000	354000	Tune-up limit
	Frequency (MHz)			1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	18.27	18.35	18.30	19.70
	Channel			343500	349000	354500	Tune-up limit
	Frequency (MHz)			1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	18.30	18.38	18.41	19.70
	Channel			343000	349000	355000	Tune-up limit
	Frequency (MHz)			1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	18.39	18.36	18.43	19.70
	Channel			342500	349000	355500	Tune-up limit
	Frequency (MHz)			1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	18.29	18.38	18.32	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	19.81	19.88	19.78	21.20
45	PI/2 BPSK	1	120	19.75	19.83	19.67	21.20
45	PI/2 BPSK	1	240	19.56	19.77	19.57	21.20
45	PI/2 BPSK	120	0	19.76	19.85	19.73	21.20
45	PI/2 BPSK	120	60	19.79	19.86	19.77	21.20
45	PI/2 BPSK	120	120	19.72	19.84	19.70	21.20
45	PI/2 BPSK	240	0	19.62	19.82	19.65	21.20
45	QPSK	1	1	19.57	19.77	19.65	21.20
45	QPSK	1	120	19.66	19.81	19.60	21.20
45	QPSK	1	240	19.71	19.81	19.67	21.20
45	QPSK	120	0	19.67	19.80	19.58	21.20
45	QPSK	120	60	19.64	19.75	19.52	21.20
45	QPSK	120	120	19.66	19.77	19.53	21.20
45	QPSK	240	0	19.65	19.80	19.66	21.20
45	16QAM	1	1	19.71	19.82	19.64	21.20
45	64QAM	1	1	19.72	19.84	19.59	21.20
45	256QAM	1	1	19.58	19.63	19.54	20.70
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	19.73	19.76	19.70	21.20
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	19.68	19.78	19.65	21.20
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	19.67	19.84	19.71	21.20
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	19.69	19.75	19.66	21.20
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	19.74	19.74	19.76	21.20
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	19.73	19.73	19.72	21.20
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	19.71	19.82	19.69	21.20
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	19.73	19.78	19.76	21.20

【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	19.81	19.88	19.78	21.20
45	PI/2 BPSK	1	120	19.75	19.83	19.67	21.20
45	PI/2 BPSK	1	240	19.56	19.77	19.57	21.20
45	PI/2 BPSK	120	0	19.76	19.85	19.73	21.20
45	PI/2 BPSK	120	60	19.79	19.86	19.77	21.20
45	PI/2 BPSK	120	120	19.72	19.84	19.70	21.20
45	PI/2 BPSK	240	0	19.62	19.82	19.65	21.20
45	QPSK	1	1	19.57	19.77	19.65	21.20
45	QPSK	1	120	19.66	19.81	19.60	21.20
45	QPSK	1	240	19.71	19.81	19.67	21.20
45	QPSK	120	0	19.67	19.80	19.58	21.20
45	QPSK	120	60	19.64	19.75	19.52	21.20
45	QPSK	120	120	19.66	19.77	19.53	21.20
45	QPSK	240	0	19.65	19.80	19.66	21.20
45	16QAM	1	1	19.71	19.82	19.64	21.20
45	64QAM	1	1	19.72	19.84	19.59	21.20
45	256QAM	1	1	19.58	19.63	19.54	20.70
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	19.73	19.76	19.70	21.20

Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	19.68	19.78	19.65	21.20
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	19.67	19.84	19.71	21.20
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	19.69	19.75	19.66	21.20
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	19.74	19.74	19.76	21.20
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	19.73	19.73	19.72	21.20
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	19.71	19.82	19.69	21.20
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	19.73	19.78	19.76	21.20

【FR1 n66_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				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	18.42	18.49	18.45	19.70
45	PI/2 BPSK	1	120	18.39	18.48	18.30	19.70
45	PI/2 BPSK	1	240	18.26	18.42	18.27	19.70
45	PI/2 BPSK	120	0	18.37	18.46	18.33	19.70
45	PI/2 BPSK	120	60	18.42	18.47	18.41	19.70
45	PI/2 BPSK	120	120	18.31	18.42	18.35	19.70
45	PI/2 BPSK	240	0	18.29	18.45	18.28	19.70
45	QPSK	1	1	18.25	18.40	18.24	19.70
45	QPSK	1	120	18.26	18.44	18.32	19.70
45	QPSK	1	240	18.16	18.38	18.28	19.70
45	QPSK	120	0	18.26	18.37	18.26	19.70
45	QPSK	120	60	18.30	18.42	18.34	19.70
45	QPSK	120	120	18.33	18.46	18.31	19.70
45	QPSK	240	0	18.22	18.37	18.25	19.70
45	16QAM	1	1	18.27	18.42	18.35	19.70
45	64QAM	1	1	18.25	18.37	18.26	19.70
45	256QAM	1	1	18.27	18.47	18.42	19.70
Channel				346000	349000	352000	Tune-up limit
Frequency (MHz)				1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	18.28	18.37	18.42	19.70
Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	18.32	18.46	18.37	19.70
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	18.30	18.47	18.39	19.70
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	18.37	18.38	18.41	19.70
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	18.27	18.35	18.30	19.70
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	18.30	18.38	18.41	19.70
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	18.39	18.36	18.43	19.70
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	18.29	18.38	18.32	19.70

【FR1 n71_Ant 0_Default】

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		25.13		25.70
35	PI/2 BPSK	1	90		25.12		25.70
35	PI/2 BPSK	1	186		25.02		25.70
35	PI/2 BPSK	90	0		24.53		25.20
35	PI/2 BPSK	90	45		25.07		25.70
35	PI/2 BPSK	90	90		24.60		25.20
35	PI/2 BPSK	180	0		24.58		25.20
35	QPSK	1	1		25.10		25.70
35	QPSK	1	90		25.03		25.70
35	QPSK	1	186		25.05		25.70
35	QPSK	90	0		24.06		24.70
35	QPSK	90	45		25.12		25.70
35	QPSK	90	90		24.17		24.70
35	QPSK	180	0		24.04		24.70
35	16QAM	1	1		24.16		24.70
35	64QAM	1	1		22.55		23.20
35	256QAM	1	1		20.66		21.20
Channel				135600	136100	136600	Tune-up limit
Frequency (MHz)				678	680.5	683	(dBm)
30	PI/2 BPSK	1	1	25.06	25.10	25.08	25.70
Channel				135100	136100	137100	Tune-up limit
Frequency (MHz)				675.5	680.5	685.5	(dBm)
25	PI/2 BPSK	1	1	24.92	25.02	24.93	25.70
Channel				134600	136100	137600	Tune-up limit
Frequency (MHz)				673	680.5	688	(dBm)
20	PI/2 BPSK	1	1	25.01	25.07	24.94	25.70
Channel				134100	136100	138100	Tune-up limit
Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	PI/2 BPSK	1	1	24.99	24.98	24.99	25.70
Channel				133600	136100	138600	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	PI/2 BPSK	1	1	24.95	25.09	25.06	25.70
Channel				133100	136100	139100	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	PI/2 BPSK	1	1	24.92	25.05	24.97	25.70

【FR1 n71_Ant 0_DS1】

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		25.13		25.70
35	PI/2 BPSK	1	90		25.12		25.70
35	PI/2 BPSK	1	186		25.02		25.70
35	PI/2 BPSK	90	0		24.53		25.20
35	PI/2 BPSK	90	45		25.07		25.70
35	PI/2 BPSK	90	90		24.60		25.20
35	PI/2 BPSK	180	0		24.58		25.20
35	QPSK	1	1		25.10		25.70
35	QPSK	1	90		25.03		25.70
35	QPSK	1	186		25.05		25.70
35	QPSK	90	0		24.06		24.70
35	QPSK	90	45		25.12		25.70
35	QPSK	90	90		24.17		24.70
35	QPSK	180	0		24.04		24.70
35	16QAM	1	1		24.16		24.70
35	64QAM	1	1		22.55		23.20
35	256QAM	1	1		20.66		21.20
Channel				135600	136100	136600	Tune-up limit
Frequency (MHz)				678	680.5	683	(dBm)
30	PI/2 BPSK	1	1	25.06	25.10	25.08	25.70
Channel				135100	136100	137100	Tune-up limit
Frequency (MHz)				675.5	680.5	685.5	(dBm)
25	PI/2 BPSK	1	1	24.92	25.02	24.93	25.70
Channel				134600	136100	137600	Tune-up limit

	Frequency (MHz)			673	680.5	688	(dBm)
20	PI/2 BPSK	1	1	25.01	25.07	24.94	25.70
	Channel			134100	136100	138100	Tune-up limit
	Frequency (MHz)			670.5	680.5	690.5	(dBm)
15	PI/2 BPSK	1	1	24.99	24.98	24.99	25.70
	Channel			133600	136100	138600	Tune-up limit
	Frequency (MHz)			668	680.5	693	(dBm)
10	PI/2 BPSK	1	1	24.95	25.09	25.06	25.70
	Channel			133100	136100	139100	Tune-up limit
	Frequency (MHz)			665.5	680.5	695.5	(dBm)
5	PI/2 BPSK	1	1	24.92	25.05	24.97	25.70

【FR1 n71_Ant 0_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				136100		
	Frequency (MHz)				680.5		
35	PI/2 BPSK	1	1		23.16		23.70
35	PI/2 BPSK	1	90		23.12		23.70
35	PI/2 BPSK	1	186		23.12		23.70
35	PI/2 BPSK	90	0		23.09		23.70
35	PI/2 BPSK	90	45		23.15		23.70
35	PI/2 BPSK	90	90		23.11		23.70
35	PI/2 BPSK	180	0		23.12		23.70
35	QPSK	1	1		23.13		23.70
35	QPSK	1	90		23.10		23.70
35	QPSK	1	186		23.14		23.70
35	QPSK	90	0		23.11		23.70
35	QPSK	90	45		23.13		23.70
35	QPSK	90	90		23.12		23.70
35	QPSK	180	0		23.11		23.70
35	16QAM	1	1		23.11		23.70
35	64QAM	1	1		22.55		23.20
35	256QAM	1	1		20.66		21.20
	Channel			135600	136100	136600	Tune-up limit
	Frequency (MHz)			678	680.5	683	(dBm)
30	PI/2 BPSK	1	1	23.08	23.11	23.09	23.70
	Channel			135100	136100	137100	Tune-up limit
	Frequency (MHz)			675.5	680.5	685.5	(dBm)
25	PI/2 BPSK	1	1	23.03	23.03	22.99	23.70
	Channel			134600	136100	137600	Tune-up limit
	Frequency (MHz)			673	680.5	688	(dBm)
20	PI/2 BPSK	1	1	22.96	23.09	23.04	23.70
	Channel			134100	136100	138100	Tune-up limit
	Frequency (MHz)			670.5	680.5	690.5	(dBm)
15	PI/2 BPSK	1	1	22.95	23.01	23.00	23.70
	Channel			133600	136100	138600	Tune-up limit
	Frequency (MHz)			668	680.5	693	(dBm)
10	PI/2 BPSK	1	1	23.05	23.02	22.98	23.70
	Channel			133100	136100	139100	Tune-up limit
	Frequency (MHz)			665.5	680.5	695.5	(dBm)
5	PI/2 BPSK	1	1	22.96	23.01	22.98	23.70

【FR1 n71_Ant 0_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				136100		
	Frequency (MHz)				680.5		
35	PI/2 BPSK	1	1		25.13		25.70
35	PI/2 BPSK	1	90		25.12		25.70
35	PI/2 BPSK	1	186		25.02		25.70
35	PI/2 BPSK	90	0		24.53		25.20
35	PI/2 BPSK	90	45		25.07		25.70
35	PI/2 BPSK	90	90		24.60		25.20
35	PI/2 BPSK	180	0		24.58		25.20
35	QPSK	1	1		25.10		25.70
35	QPSK	1	90		25.03		25.70
35	QPSK	1	186		25.05		25.70
35	QPSK	90	0		24.06		24.70

35	QPSK	90	45		25.12		25.70
35	QPSK	90	90		24.17		24.70
35	QPSK	180	0		24.04		24.70
35	16QAM	1	1		24.16		24.70
35	64QAM	1	1		22.55		23.20
35	256QAM	1	1		20.66		21.20
Channel				135600	136100	136600	Tune-up limit
Frequency (MHz)				678	680.5	683	(dBm)
30	PI/2 BPSK	1	1	25.06	25.10	25.08	25.70
Channel				135100	136100	137100	Tune-up limit
Frequency (MHz)				675.5	680.5	685.5	(dBm)
25	PI/2 BPSK	1	1	24.92	25.02	24.93	25.70
Channel				134600	136100	137600	Tune-up limit
Frequency (MHz)				673	680.5	688	(dBm)
20	PI/2 BPSK	1	1	25.01	25.07	24.94	25.70
Channel				134100	136100	138100	Tune-up limit
Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	PI/2 BPSK	1	1	24.99	24.98	24.99	25.70
Channel				133600	136100	138600	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	PI/2 BPSK	1	1	24.95	25.09	25.06	25.70
Channel				133100	136100	139100	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	PI/2 BPSK	1	1	24.92	25.05	24.97	25.70

【FR1 n71_Ant 0_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					136100		
Frequency (MHz)					680.5		
35	PI/2 BPSK	1	1		23.16		23.70
35	PI/2 BPSK	1	90		23.12		23.70
35	PI/2 BPSK	1	186		23.12		23.70
35	PI/2 BPSK	90	0		23.09		23.70
35	PI/2 BPSK	90	45		23.15		23.70
35	PI/2 BPSK	90	90		23.11		23.70
35	PI/2 BPSK	180	0		23.12		23.70
35	QPSK	1	1		23.13		23.70
35	QPSK	1	90		23.10		23.70
35	QPSK	1	186		23.14		23.70
35	QPSK	90	0		23.11		23.70
35	QPSK	90	45		23.13		23.70
35	QPSK	90	90		23.12		23.70
35	QPSK	180	0		23.11		23.70
35	16QAM	1	1		23.11		23.70
35	64QAM	1	1		22.55		23.20
35	256QAM	1	1		20.66		21.20
Channel				135600	136100	136600	Tune-up limit
Frequency (MHz)				678	680.5	683	(dBm)
30	PI/2 BPSK	1	1	23.08	23.11	23.09	23.70
Channel				135100	136100	137100	Tune-up limit
Frequency (MHz)				675.5	680.5	685.5	(dBm)
25	PI/2 BPSK	1	1	23.03	23.03	22.99	23.70
Channel				134600	136100	137600	Tune-up limit
Frequency (MHz)				673	680.5	688	(dBm)
20	PI/2 BPSK	1	1	22.96	23.09	23.04	23.70
Channel				134100	136100	138100	Tune-up limit
Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	PI/2 BPSK	1	1	22.95	23.01	23.00	23.70
Channel				133600	136100	138600	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	PI/2 BPSK	1	1	23.05	23.02	22.98	23.70
Channel				133100	136100	139100	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	PI/2 BPSK	1	1	22.96	23.01	22.98	23.70

【FR1 n71_Ant 1_Default】

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		24.86		25.60
35	PI/2 BPSK	1	90		24.73		25.60
35	PI/2 BPSK	1	186		24.65		25.60
35	PI/2 BPSK	90	0		24.40		25.10
35	PI/2 BPSK	90	45		24.84		25.60
35	PI/2 BPSK	90	90		24.36		25.10
35	PI/2 BPSK	180	0		24.30		25.10
35	QPSK	1	1		23.87		25.60
35	QPSK	1	90		24.98		25.60
35	QPSK	1	186		24.65		25.60
35	QPSK	90	0		23.92		24.60
35	QPSK	90	45		24.92		25.60
35	QPSK	90	90		23.80		24.60
35	QPSK	180	0		23.82		24.60
35	16QAM	1	1		22.79		24.60
35	64QAM	1	1		21.32		23.10
35	256QAM	1	1		19.71		21.10
Channel				135600	136100	136600	Tune-up limit
Frequency (MHz)				678	680.5	683	(dBm)
30	PI/2 BPSK	1	1	24.80	24.83	24.79	25.60
Channel				135100	136100	137100	Tune-up limit
Frequency (MHz)				675.5	680.5	685.5	(dBm)
25	PI/2 BPSK	1	1	24.67	24.82	24.64	25.60
Channel				134600	136100	137600	Tune-up limit
Frequency (MHz)				673	680.5	688	(dBm)
20	PI/2 BPSK	1	1	24.68	24.71	24.75	25.60
Channel				134100	136100	138100	Tune-up limit
Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	PI/2 BPSK	1	1	24.69	24.77	24.68	25.60
Channel				133600	136100	138600	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	PI/2 BPSK	1	1	24.69	24.70	24.77	25.60
Channel				133100	136100	139100	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	PI/2 BPSK	1	1	24.69	24.81	24.73	25.60

【FR1 n71_Ant 1_DS11】

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		22.35		23.10
35	PI/2 BPSK	1	90		22.26		23.10
35	PI/2 BPSK	1	186		22.27		23.10
35	PI/2 BPSK	90	0		22.26		23.10
35	PI/2 BPSK	90	45		22.32		23.10
35	PI/2 BPSK	90	90		22.29		23.10
35	PI/2 BPSK	180	0		22.31		23.10
35	QPSK	1	1		22.33		23.10
35	QPSK	1	90		22.32		23.10
35	QPSK	1	186		22.26		23.10
35	QPSK	90	0		22.33		23.10
35	QPSK	90	45		22.26		23.10
35	QPSK	90	90		22.27		23.10
35	QPSK	180	0		22.30		23.10
35	16QAM	1	1		22.31		23.10
35	64QAM	1	1		21.32		23.10
35	256QAM	1	1		19.71		21.10
Channel				135600	136100	136600	Tune-up limit
Frequency (MHz)				678	680.5	683	(dBm)
30	PI/2 BPSK	1	1	22.26	22.31	22.30	23.10
Channel				135100	136100	137100	Tune-up limit
Frequency (MHz)				675.5	680.5	685.5	(dBm)
25	PI/2 BPSK	1	1	22.15	22.29	22.28	23.10
Channel				134600	136100	137600	Tune-up limit

	Frequency (MHz)			673	680.5	688	(dBm)
20	PI/2 BPSK	1	1	22.21	22.25	22.29	23.10
	Channel			134100	136100	138100	Tune-up limit (dBm)
	Frequency (MHz)			670.5	680.5	690.5	
15	PI/2 BPSK	1	1	22.20	22.22	22.22	23.10
	Channel			133600	136100	138600	Tune-up limit (dBm)
	Frequency (MHz)			668	680.5	693	
10	PI/2 BPSK	1	1	22.18	22.22	22.22	23.10
	Channel			133100	136100	139100	Tune-up limit (dBm)
	Frequency (MHz)			665.5	680.5	695.5	
5	PI/2 BPSK	1	1	22.24	22.29	22.21	23.10

【FR1 n71_Ant 1_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				136100		
	Frequency (MHz)				680.5		
35	PI/2 BPSK	1	1		21.81		22.60
35	PI/2 BPSK	1	90		21.73		22.60
35	PI/2 BPSK	1	186		21.76		22.60
35	PI/2 BPSK	90	0		21.69		22.60
35	PI/2 BPSK	90	45		21.79		22.60
35	PI/2 BPSK	90	90		21.69		22.60
35	PI/2 BPSK	180	0		21.76		22.60
35	QPSK	1	1		21.75		22.60
35	QPSK	1	90		21.76		22.60
35	QPSK	1	186		21.73		22.60
35	QPSK	90	0		21.74		22.60
35	QPSK	90	45		21.78		22.60
35	QPSK	90	90		21.75		22.60
35	QPSK	180	0		21.72		22.60
35	16QAM	1	1		21.74		22.60
35	64QAM	1	1		21.32		22.60
35	256QAM	1	1		19.71		21.10
	Channel			135600	136100	136600	Tune-up limit (dBm)
	Frequency (MHz)			678	680.5	683	
30	PI/2 BPSK	1	1	21.75	21.78	21.77	22.60
	Channel			135100	136100	137100	Tune-up limit (dBm)
	Frequency (MHz)			675.5	680.5	685.5	
25	PI/2 BPSK	1	1	21.73	21.72	21.64	22.60
	Channel			134600	136100	137600	Tune-up limit (dBm)
	Frequency (MHz)			673	680.5	688	
20	PI/2 BPSK	1	1	21.60	21.71	21.73	22.60
	Channel			134100	136100	138100	Tune-up limit (dBm)
	Frequency (MHz)			670.5	680.5	690.5	
15	PI/2 BPSK	1	1	21.66	21.66	21.66	22.60
	Channel			133600	136100	138600	Tune-up limit (dBm)
	Frequency (MHz)			668	680.5	693	
10	PI/2 BPSK	1	1	21.65	21.65	21.68	22.60
	Channel			133100	136100	139100	Tune-up limit (dBm)
	Frequency (MHz)			665.5	680.5	695.5	
5	PI/2 BPSK	1	1	21.66	21.69	21.73	22.60

【FR1 n71_Ant 1_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				136100		
	Frequency (MHz)				680.5		
35	PI/2 BPSK	1	1		21.81		22.60
35	PI/2 BPSK	1	90		21.73		22.60
35	PI/2 BPSK	1	186		21.76		22.60
35	PI/2 BPSK	90	0		21.69		22.60
35	PI/2 BPSK	90	45		21.79		22.60
35	PI/2 BPSK	90	90		21.69		22.60
35	PI/2 BPSK	180	0		21.76		22.60
35	QPSK	1	1		21.75		22.60
35	QPSK	1	90		21.76		22.60
35	QPSK	1	186		21.73		22.60
35	QPSK	90	0		21.74		22.60

35	QPSK	90	45		21.78		22.60
35	QPSK	90	90		21.75		22.60
35	QPSK	180	0		21.72		22.60
35	16QAM	1	1		21.74		22.60
35	64QAM	1	1		21.32		22.60
35	256QAM	1	1		19.71		21.10
Channel				135600	136100	136600	Tune-up limit
Frequency (MHz)				678	680.5	683	(dBm)
30	PI/2 BPSK	1	1	21.75	21.78	21.77	22.60
Channel				135100	136100	137100	Tune-up limit
Frequency (MHz)				675.5	680.5	685.5	(dBm)
25	PI/2 BPSK	1	1	21.73	21.72	21.64	22.60
Channel				134600	136100	137600	Tune-up limit
Frequency (MHz)				673	680.5	688	(dBm)
20	PI/2 BPSK	1	1	21.60	21.71	21.73	22.60
Channel				134100	136100	138100	Tune-up limit
Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	PI/2 BPSK	1	1	21.66	21.66	21.66	22.60
Channel				133600	136100	138600	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	PI/2 BPSK	1	1	21.65	21.65	21.68	22.60
Channel				133100	136100	139100	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	PI/2 BPSK	1	1	21.66	21.69	21.73	22.60

【FR1 n71_Ant 1_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					136100		
Frequency (MHz)					680.5		
35	PI/2 BPSK	1	1		21.81		22.60
35	PI/2 BPSK	1	90		21.73		22.60
35	PI/2 BPSK	1	186		21.76		22.60
35	PI/2 BPSK	90	0		21.69		22.60
35	PI/2 BPSK	90	45		21.79		22.60
35	PI/2 BPSK	90	90		21.69		22.60
35	PI/2 BPSK	180	0		21.76		22.60
35	QPSK	1	1		21.75		22.60
35	QPSK	1	90		21.76		22.60
35	QPSK	1	186		21.73		22.60
35	QPSK	90	0		21.74		22.60
35	QPSK	90	45		21.78		22.60
35	QPSK	90	90		21.75		22.60
35	QPSK	180	0		21.72		22.60
35	16QAM	1	1		21.74		22.60
35	64QAM	1	1		21.32		22.60
35	256QAM	1	1		19.71		21.10
Channel				135600	136100	136600	Tune-up limit
Frequency (MHz)				678	680.5	683	(dBm)
30	PI/2 BPSK	1	1	21.75	21.78	21.77	22.60
Channel				135100	136100	137100	Tune-up limit
Frequency (MHz)				675.5	680.5	685.5	(dBm)
25	PI/2 BPSK	1	1	21.73	21.72	21.64	22.60
Channel				134600	136100	137600	Tune-up limit
Frequency (MHz)				673	680.5	688	(dBm)
20	PI/2 BPSK	1	1	21.60	21.71	21.73	22.60
Channel				134100	136100	138100	Tune-up limit
Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	PI/2 BPSK	1	1	21.66	21.66	21.66	22.60
Channel				133600	136100	138600	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	PI/2 BPSK	1	1	21.65	21.65	21.68	22.60
Channel				133100	136100	139100	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	PI/2 BPSK	1	1	21.66	21.69	21.73	22.60

【FR1 n77 (27Q)___FCC_Part 27Q (3450~3550MHz)___Ant

4_Default】

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		25.35		25.70
100	PI/2 BPSK	1	137		25.13		25.70
100	PI/2 BPSK	1	271		25.29		25.70
100	PI/2 BPSK	135	0		24.89		25.20
100	PI/2 BPSK	135	69		25.20		25.70
100	PI/2 BPSK	135	138		24.83		25.20
100	PI/2 BPSK	270	0		24.96		25.20
100	QPSK	1	1		25.15		25.70
100	QPSK	1	137		24.92		25.70
100	QPSK	1	271		25.27		25.70
100	QPSK	135	0		24.37		24.70
100	QPSK	135	69		25.00		25.70
100	QPSK	135	138		24.33		24.70
100	QPSK	270	0		24.44		24.70
100	16QAM	1	1		24.36		24.70
100	64QAM	1	1		22.76		23.20
100	256QAM	1	1		20.89		21.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	25.30	25.33	25.32	25.70
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	25.19	25.20	25.25	25.70
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	25.17	25.22	25.21	25.70
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	25.17	25.19	25.29	25.70
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	25.19	25.20	25.28	25.70
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	25.24	25.21	25.22	25.70
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	25.28	25.29	25.22	25.70
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	25.28	25.21	25.20	25.70
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	25.22	25.22	25.24	25.70
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	25.18	25.24	25.21	25.70
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	25.17	25.23	25.18	25.70

【FR1 n77 (27O)___FCC_Part 27O (3700~3980MHz)___Ant

4_Default】

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	25.27	25.31	25.30	25.70
100	PI/2 BPSK	1	137	25.10	25.16	25.05	25.70
100	PI/2 BPSK	1	271	25.07	25.20	25.11	25.70
100	PI/2 BPSK	135	0	24.64	24.82	24.69	25.20
100	PI/2 BPSK	135	69	25.09	25.18	25.06	25.70
100	PI/2 BPSK	135	138	24.71	24.77	24.64	25.20

100	PI/2 BPSK	270	0	24.69	24.88	24.78	25.20
100	QPSK	1	1	24.98	25.03	24.97	25.70
100	QPSK	1	137	24.83	24.94	24.79	25.70
100	QPSK	1	271	25.12	25.28	25.20	25.70
100	QPSK	135	0	24.08	24.23	24.20	24.70
100	QPSK	135	69	24.75	24.91	24.83	25.70
100	QPSK	135	138	24.06	24.22	24.09	24.70
100	QPSK	270	0	24.21	24.27	24.12	24.70
100	16QAM	1	1	24.17	24.30	24.17	24.70
100	64QAM	1	1	22.59	22.71	22.66	23.20
100	256QAM	1	1	20.60	20.73	20.71	21.20
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	25.19	25.29	25.18	25.70
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	25.17	25.20	25.28	25.70
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	25.16	25.18	25.25	25.70
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	25.24	25.28	25.23	25.70
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	25.23	25.26	25.16	25.70
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	25.25	25.17	25.17	25.70
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	25.23	25.30	25.21	25.70
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	25.25	25.28	25.18	25.70
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	25.21	25.20	25.27	25.70
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	25.18	25.21	25.23	25.70
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	25.25	25.27	25.17	25.70

【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant

4_default】

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		19.40		20.90
100	PI/2 BPSK	1	137		19.38		20.90
100	PI/2 BPSK	1	271		19.30		20.90
100	PI/2 BPSK	135	0		18.75		20.40
100	PI/2 BPSK	135	69		19.35		20.90
100	PI/2 BPSK	135	138		18.93		20.40
100	PI/2 BPSK	270	0		18.77		20.40
100	QPSK	1	1		19.32		20.90
100	QPSK	1	137		19.24		20.90
100	QPSK	1	271		19.33		20.90
100	QPSK	135	0		18.28		19.90
100	QPSK	135	69		19.30		20.90
100	QPSK	135	138		18.39		19.90
100	QPSK	270	0		18.30		19.90
100	16QAM	1	1		18.24		19.90
100	64QAM	1	1		16.80		18.40
100	256QAM	1	1		14.91		16.40
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	19.32	19.34	19.32	20.90
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)

80	PI/2 BPSK	1	1	19.23	19.24	19.20	20.90
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	19.25	19.21	19.28	20.90
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	19.22	19.29	19.19	20.90
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	19.20	19.30	19.18	20.90
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	19.17	19.23	19.30	20.90
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	19.30	19.21	19.19	20.90
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	19.26	19.26	19.20	20.90
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	19.20	19.30	19.22	20.90
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	19.24	19.26	19.23	20.90
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	19.27	19.21	19.21	20.90

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

4_default】

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	19.27	19.34	19.30	20.90
100	PI/2 BPSK	1	137	18.85	19.02	18.87	20.90
100	PI/2 BPSK	1	271	18.78	18.94	18.78	20.90
100	PI/2 BPSK	135	0	18.36	18.47	18.37	20.40
100	PI/2 BPSK	135	69	19.05	19.23	19.07	20.90
100	PI/2 BPSK	135	138	18.30	18.51	18.34	20.40
100	PI/2 BPSK	270	0	18.47	18.52	18.41	20.40
100	QPSK	1	1	19.04	19.21	19.02	20.90
100	QPSK	1	137	18.73	18.89	18.84	20.90
100	QPSK	1	271	18.83	18.95	18.79	20.90
100	QPSK	135	0	17.81	17.97	17.79	19.90
100	QPSK	135	69	18.77	18.92	18.85	20.90
100	QPSK	135	138	17.77	17.97	17.91	19.90
100	QPSK	270	0	17.93	18.00	17.98	19.90
100	16QAM	1	1	17.95	18.13	18.06	19.90
100	64QAM	1	1	16.53	16.61	16.54	18.40
100	256QAM	1	1	14.52	14.66	14.53	16.40
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	19.13	19.26	19.16	20.90
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	19.19	19.28	19.19	20.90
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	19.12	19.33	19.24	20.90
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	19.21	19.23	19.24	20.90
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	19.25	19.33	19.28	20.90
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	19.22	19.31	19.25	20.90
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	19.23	19.20	19.27	20.90

Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	19.17	19.31	19.16	20.90
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	19.23	19.20	19.22	20.90
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	19.20	19.24	19.20	20.90
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	19.13	19.19	19.22	20.90

【FR1 n77 (27Q)___FCC_Part 27Q (3450~3550MHz)_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					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		13.75		14.20
100	PI/2 BPSK	1	137		13.72		14.20
100	PI/2 BPSK	1	271		13.66		14.20
100	PI/2 BPSK	135	0		13.72		14.20
100	PI/2 BPSK	135	69		13.73		14.20
100	PI/2 BPSK	135	138		13.72		14.20
100	PI/2 BPSK	270	0		13.69		14.20
100	QPSK	1	1		13.68		14.20
100	QPSK	1	137		13.65		14.20
100	QPSK	1	271		13.70		14.20
100	QPSK	135	0		13.64		14.20
100	QPSK	135	69		13.65		14.20
100	QPSK	135	138		13.70		14.20
100	QPSK	270	0		13.71		14.20
100	16QAM	1	1		13.70		14.20
100	64QAM	1	1		13.68		14.20
100	256QAM	1	1		13.64		14.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	13.68	13.72	13.71	14.20
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	13.64	13.66	13.63	14.20
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	13.56	13.66	13.61	14.20
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	13.54	13.71	13.66	14.20
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	13.65	13.63	13.64	14.20
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	13.61	13.67	13.67	14.20
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	13.56	13.62	13.61	14.20
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	13.66	13.65	13.67	14.20
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	13.57	13.58	13.68	14.20
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	13.60	13.67	13.57	14.20
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	13.59	13.67	13.56	14.20

【FR1 n77 (270)_FCC_Part 270 (3700~3980MHz)_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				650000	656000	662000	Tune-up limit (dBm)
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	13.72	13.75	13.68	14.20
100	PI/2 BPSK	1	137	13.50	13.63	13.53	14.20
100	PI/2 BPSK	1	271	13.47	13.63	13.49	14.20
100	PI/2 BPSK	135	0	13.62	13.67	13.58	14.20
100	PI/2 BPSK	135	69	13.68	13.73	13.65	14.20
100	PI/2 BPSK	135	138	13.55	13.63	13.53	14.20
100	PI/2 BPSK	270	0	13.55	13.71	13.60	14.20
100	QPSK	1	1	13.58	13.66	13.53	14.20
100	QPSK	1	137	13.59	13.64	13.55	14.20
100	QPSK	1	271	13.58	13.67	13.55	14.20
100	QPSK	135	0	13.61	13.72	13.61	14.20
100	QPSK	135	69	13.50	13.67	13.53	14.20
100	QPSK	135	138	13.60	13.66	13.56	14.20
100	QPSK	270	0	13.54	13.67	13.52	14.20
100	16QAM	1	1	13.57	13.72	13.52	14.20
100	64QAM	1	1	13.48	13.64	13.44	14.20
100	256QAM	1	1	13.48	13.63	13.48	14.20
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	13.61	13.67	13.54	14.20
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	13.62	13.61	13.62	14.20
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	13.69	13.64	13.64	14.20
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	13.60	13.62	13.61	14.20
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	13.66	13.70	13.54	14.20
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	13.61	13.65	13.62	14.20
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	13.59	13.70	13.57	14.20
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	13.63	13.62	13.65	14.20
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	13.62	13.61	13.62	14.20
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	13.62	13.73	13.65	14.20
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	13.71	13.74	13.59	14.20

【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_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					633332		Tune-up limit (dBm)
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		13.65		15.00
100	PI/2 BPSK	1	137		13.63		15.00
100	PI/2 BPSK	1	271		13.62		15.00
100	PI/2 BPSK	135	0		13.57		15.00
100	PI/2 BPSK	135	69		13.63		15.00
100	PI/2 BPSK	135	138		13.53		15.00
100	PI/2 BPSK	270	0		13.61		15.00
100	QPSK	1	1		13.61		15.00

100	QPSK	1	137		13.55		15.00
100	QPSK	1	271		13.57		15.00
100	QPSK	135	0		13.64		15.00
100	QPSK	135	69		13.57		15.00
100	QPSK	135	138		13.57		15.00
100	QPSK	270	0		13.54		15.00
100	16QAM	1	1		13.60		15.00
100	64QAM	1	1		13.62		15.00
100	256QAM	1	1		13.54		15.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	13.57	13.61	13.60	15.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	13.47	13.47	13.52	15.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	13.43	13.52	13.57	15.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	13.46	13.58	13.47	15.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	13.50	13.58	13.56	15.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	13.52	13.58	13.58	15.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	13.53	13.59	13.55	15.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	13.43	13.48	13.47	15.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	13.54	13.57	13.49	15.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	13.53	13.53	13.53	15.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	13.49	13.53	13.57	15.00

【FR1 n77 (270)_FCC_Part 270 (3700~3980MHz)_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				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	13.54	13.60	13.57	15.00
100	PI/2 BPSK	1	137	13.42	13.52	13.35	15.00
100	PI/2 BPSK	1	271	13.35	13.52	13.36	15.00
100	PI/2 BPSK	135	0	13.36	13.55	13.41	15.00
100	PI/2 BPSK	135	69	13.49	13.58	13.47	15.00
100	PI/2 BPSK	135	138	13.32	13.50	13.32	15.00
100	PI/2 BPSK	270	0	13.34	13.55	13.42	15.00
100	QPSK	1	1	13.42	13.56	13.42	15.00
100	QPSK	1	137	13.41	13.52	13.36	15.00
100	QPSK	1	271	13.41	13.53	13.42	15.00
100	QPSK	135	0	13.40	13.49	13.36	15.00
100	QPSK	135	69	13.50	13.57	13.52	15.00
100	QPSK	135	138	13.31	13.49	13.31	15.00
100	QPSK	270	0	13.38	13.50	13.43	15.00
100	16QAM	1	1	13.37	13.58	13.46	15.00
100	64QAM	1	1	13.43	13.59	13.50	15.00
100	256QAM	1	1	13.42	13.54	13.49	15.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	13.48	13.56	13.43	15.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	13.49	13.47	13.54	15.00
Channel				649000	656000	663000	Tune-up limit

	Frequency (MHz)			3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	13.49	13.55	13.55	15.00
	Channel			648668	656000	663332	Tune-up limit
	Frequency (MHz)			3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	13.53	13.54	13.43	15.00
	Channel			648334	656000	663666	Tune-up limit
	Frequency (MHz)			3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	13.47	13.45	13.46	15.00
	Channel			648000	656000	664000	Tune-up limit
	Frequency (MHz)			3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	13.39	13.57	13.48	15.00
	Channel			647668	656000	664332	Tune-up limit
	Frequency (MHz)			3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	13.42	13.54	13.44	15.00
	Channel			647500	656000	664500	Tune-up limit
	Frequency (MHz)			3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	13.52	13.45	13.42	15.00
	Channel			647334	656000	664666	Tune-up limit
	Frequency (MHz)			3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	13.41	13.57	13.47	15.00
	Channel			647168	656000	664832	Tune-up limit
	Frequency (MHz)			3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	13.53	13.58	13.54	15.00
	Channel			647000	656000	665000	Tune-up limit
	Frequency (MHz)			3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	13.40	13.52	13.54	15.00

【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_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				633332		
	Frequency (MHz)				3499.98		
100	PI/2 BPSK	1	1		18.25		18.70
100	PI/2 BPSK	1	137		18.11		18.70
100	PI/2 BPSK	1	271		18.21		18.70
100	PI/2 BPSK	135	0		18.15		18.70
100	PI/2 BPSK	135	69		18.24		18.70
100	PI/2 BPSK	135	138		18.23		18.70
100	PI/2 BPSK	270	0		18.21		18.70
100	QPSK	1	1		18.19		18.70
100	QPSK	1	137		18.18		18.70
100	QPSK	1	271		18.17		18.70
100	QPSK	135	0		18.17		18.70
100	QPSK	135	69		18.11		18.70
100	QPSK	135	138		18.15		18.70
100	QPSK	270	0		18.20		18.70
100	16QAM	1	1		18.14		18.70
100	64QAM	1	1		18.12		18.70
100	256QAM	1	1		18.21		18.70
	Channel			633000	633332	633666	Tune-up limit
	Frequency (MHz)			3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	18.21	18.24	18.19	18.70
	Channel			632668	633332	634000	Tune-up limit
	Frequency (MHz)			3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	18.12	18.23	18.08	18.70
	Channel			632334	633332	634332	Tune-up limit
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	18.11	18.13	18.15	18.70
	Channel			632000	633332	634666	Tune-up limit
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	18.16	18.22	18.14	18.70
	Channel			631668	633332	635000	Tune-up limit
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	18.10	18.20	18.09	18.70
	Channel			631334	633332	635332	Tune-up limit
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	18.14	18.09	18.14	18.70
	Channel			631000	633332	635666	Tune-up limit
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	18.12	18.14	18.05	18.70
	Channel			630834	633332	635832	Tune-up limit
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)

25	PI/2 BPSK	1	1	18.18	18.20	18.16	18.70
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	18.20	18.14	18.09	18.70
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	18.15	18.17	18.05	18.70
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	18.15	18.19	18.05	18.70

【FR1 n77 (270)_FCC_Part 270 (3700~3980MHz)_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				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	18.23	18.26	18.21	18.70
100	PI/2 BPSK	1	137	18.05	18.21	18.10	18.70
100	PI/2 BPSK	1	271	18.09	18.15	18.07	18.70
100	PI/2 BPSK	135	0	18.02	18.19	18.08	18.70
100	PI/2 BPSK	135	69	18.20	18.24	18.18	18.70
100	PI/2 BPSK	135	138	18.01	18.14	17.96	18.70
100	PI/2 BPSK	270	0	18.05	18.21	18.02	18.70
100	QPSK	1	1	18.04	18.19	18.05	18.70
100	QPSK	1	137	18.06	18.16	18.03	18.70
100	QPSK	1	271	18.11	18.19	18.09	18.70
100	QPSK	135	0	18.09	18.20	18.03	18.70
100	QPSK	135	69	18.02	18.12	17.95	18.70
100	QPSK	135	138	18.14	18.23	18.03	18.70
100	QPSK	270	0	18.07	18.12	18.00	18.70
100	16QAM	1	1	18.03	18.15	18.03	18.70
100	64QAM	1	1	18.14	18.23	18.05	18.70
100	256QAM	1	1	18.11	18.17	18.05	18.70
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	18.15	18.17	18.13	18.70
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	18.17	18.18	18.14	18.70
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	18.09	18.11	18.18	18.70
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	18.22	18.12	18.16	18.70
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	18.13	18.23	18.12	18.70
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	18.18	18.21	18.13	18.70
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	18.10	18.22	18.18	18.70
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	18.10	18.24	18.13	18.70
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	18.18	18.23	18.08	18.70
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	18.19	18.25	18.10	18.70
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	18.19	18.20	18.13	18.70

【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 4_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		18.06		19.50
100	PI/2 BPSK	1	137		17.98		19.50
100	PI/2 BPSK	1	271		17.97		19.50
100	PI/2 BPSK	135	0		18.01		19.50
100	PI/2 BPSK	135	69		18.04		19.50
100	PI/2 BPSK	135	138		18.00		19.50
100	PI/2 BPSK	270	0		17.99		19.50
100	QPSK	1	1		17.96		19.50
100	QPSK	1	137		17.96		19.50
100	QPSK	1	271		17.92		19.50
100	QPSK	135	0		17.96		19.50
100	QPSK	135	69		17.99		19.50
100	QPSK	135	138		17.98		19.50
100	QPSK	270	0		17.94		19.50
100	16QAM	1	1		18.01		19.50
100	64QAM	1	1		16.80		18.40
100	256QAM	1	1		14.91		16.40
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	17.91	17.96	17.93	19.50
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	17.80	17.84	17.88	19.50
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	17.83	17.91	17.86	19.50
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	17.87	17.87	17.92	19.50
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	17.83	17.81	17.84	19.50
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	17.88	17.81	17.78	19.50
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	17.87	17.87	17.80	19.50
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	17.87	17.90	17.88	19.50
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	17.86	17.91	17.89	19.50
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	17.89	17.89	17.91	19.50
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	17.79	17.93	17.87	19.50

【FR1 n77 (27O)_FCC_Part 27O (3700~3980MHz)_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)
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Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	18.02	18.05	17.99	19.50
100	PI/2 BPSK	1	137	17.83	17.96	17.80	19.50
100	PI/2 BPSK	1	271	17.80	17.92	17.78	19.50
100	PI/2 BPSK	135	0	17.84	18.01	17.90	19.50
100	PI/2 BPSK	135	69	17.96	18.02	17.94	19.50
100	PI/2 BPSK	135	138	17.85	17.94	17.77	19.50
100	PI/2 BPSK	270	0	17.85	17.97	17.83	19.50
100	QPSK	1	1	17.80	17.93	17.85	19.50
100	QPSK	1	137	17.89	17.95	17.85	19.50
100	QPSK	1	271	17.92	17.97	17.90	19.50
100	QPSK	135	0	17.90	17.95	17.86	19.50
100	QPSK	135	69	17.92	17.97	17.78	19.50
100	QPSK	135	138	17.90	17.94	17.79	19.50
100	QPSK	270	0	17.80	17.96	17.86	19.50
100	16QAM	1	1	17.94	18.00	17.85	19.50
100	64QAM	1	1	16.53	16.61	16.54	18.40
100	256QAM	1	1	14.52	14.66	14.53	16.40
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	17.97	18.02	17.97	19.50
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	17.97	18.02	17.97	19.50
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	17.93	18.03	17.92	19.50
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	17.97	17.91	17.96	19.50
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	17.92	17.97	17.87	19.50
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	17.87	17.98	17.94	19.50
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	17.98	17.98	17.88	19.50
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	17.89	17.95	17.97	19.50
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	17.98	17.92	17.91	19.50
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	17.97	18.04	17.91	19.50
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	17.99	18.02	17.87	19.50

【FR1 n77 (27Q)___FCC_Part 27Q (3450~3550MHz)_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					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		22.28		22.70
100	PI/2 BPSK	1	137		22.12		22.70
100	PI/2 BPSK	1	271		22.16		22.70
100	PI/2 BPSK	135	0		22.17		22.70
100	PI/2 BPSK	135	69		22.25		22.70
100	PI/2 BPSK	135	138		22.15		22.70
100	PI/2 BPSK	270	0		22.23		22.70
100	QPSK	1	1		22.12		22.70
100	QPSK	1	137		22.16		22.70
100	QPSK	1	271		22.18		22.70
100	QPSK	135	0		22.22		22.70
100	QPSK	135	69		22.17		22.70
100	QPSK	135	138		22.17		22.70
100	QPSK	270	0		22.19		22.70

100	16QAM	1	1		22.13		22.70
100	64QAM	1	1		22.16		22.70
100	256QAM	1	1		20.89		21.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	22.21	22.26	22.18	22.70
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	22.11	22.15	22.13	22.70
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	22.17	22.22	22.13	22.70
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	22.11	22.24	22.12	22.70
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	22.18	22.14	22.05	22.70
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	22.08	22.15	22.15	22.70
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	22.08	22.24	22.16	22.70
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	22.11	22.25	22.09	22.70
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	22.08	22.19	22.15	22.70
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	22.16	22.17	22.12	22.70
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	22.18	22.25	22.14	22.70

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

4_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				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	22.16	22.24	22.18	22.70
100	PI/2 BPSK	1	137	21.99	22.21	22.05	22.70
100	PI/2 BPSK	1	271	21.97	22.11	21.98	22.70
100	PI/2 BPSK	135	0	21.92	22.13	22.00	22.70
100	PI/2 BPSK	135	69	22.08	22.23	22.12	22.70
100	PI/2 BPSK	135	138	21.95	22.11	22.03	22.70
100	PI/2 BPSK	270	0	22.06	22.21	22.04	22.70
100	QPSK	1	1	22.02	22.21	22.11	22.70
100	QPSK	1	137	22.06	22.19	22.06	22.70
100	QPSK	1	271	21.91	22.14	21.96	22.70
100	QPSK	135	0	22.07	22.20	22.05	22.70
100	QPSK	135	69	22.04	22.16	22.03	22.70
100	QPSK	135	138	21.99	22.19	22.09	22.70
100	QPSK	270	0	21.98	22.17	22.03	22.70
100	16QAM	1	1	22.03	22.19	21.99	22.70
100	64QAM	1	1	22.05	22.21	22.03	22.70
100	256QAM	1	1	20.62	20.73	20.57	21.20
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	22.13	22.11	22.11	22.70
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	22.03	22.12	22.16	22.70
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	22.06	22.15	22.04	22.70
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	22.06	22.16	22.04	22.70
Channel				648334	656000	663666	Tune-up limit

	Frequency (MHz)			3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	22.10	22.18	22.13	22.70
	Channel			648000	656000	664000	Tune-up limit
	Frequency (MHz)			3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	22.09	22.13	22.05	22.70
	Channel			647668	656000	664332	Tune-up limit
	Frequency (MHz)			3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	22.05	22.13	22.16	22.70
	Channel			647500	656000	664500	Tune-up limit
	Frequency (MHz)			3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	22.01	22.16	22.04	22.70
	Channel			647334	656000	664666	Tune-up limit
	Frequency (MHz)			3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	22.01	22.18	22.09	22.70
	Channel			647168	656000	664832	Tune-up limit
	Frequency (MHz)			3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	22.13	22.13	22.11	22.70
	Channel			647000	656000	665000	Tune-up limit
	Frequency (MHz)			3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	22.08	22.19	22.13	22.70

【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 4_DSI

4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel				633332		
	Frequency (MHz)				3499.98		
100	PI/2 BPSK	1	1		19.40		20.90
100	PI/2 BPSK	1	137		19.38		20.90
100	PI/2 BPSK	1	271		19.30		20.90
100	PI/2 BPSK	135	0		18.75		20.40
100	PI/2 BPSK	135	69		19.35		20.90
100	PI/2 BPSK	135	138		18.93		20.40
100	PI/2 BPSK	270	0		18.77		20.40
100	QPSK	1	1		19.32		20.90
100	QPSK	1	137		19.24		20.90
100	QPSK	1	271		19.33		20.90
100	QPSK	135	0		18.28		19.90
100	QPSK	135	69		19.30		20.90
100	QPSK	135	138		18.39		19.90
100	QPSK	270	0		18.30		19.90
100	16QAM	1	1		18.24		19.90
100	64QAM	1	1		16.80		18.40
100	256QAM	1	1		14.91		16.40
	Channel			633000	633332	633666	Tune-up limit
	Frequency (MHz)			3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	19.32	19.34	19.32	20.90
	Channel			632668	633332	634000	Tune-up limit
	Frequency (MHz)			3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	19.23	19.24	19.20	20.90
	Channel			632334	633332	634332	Tune-up limit
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	19.25	19.21	19.28	20.90
	Channel			632000	633332	634666	Tune-up limit
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	19.22	19.29	19.19	20.90
	Channel			631668	633332	635000	Tune-up limit
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	19.20	19.30	19.18	20.90
	Channel			631334	633332	635332	Tune-up limit
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	19.17	19.23	19.30	20.90
	Channel			631000	633332	635666	Tune-up limit
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	19.30	19.21	19.19	20.90
	Channel			630834	633332	635832	Tune-up limit
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	19.26	19.26	19.20	20.90
	Channel			630668	633332	636000	Tune-up limit
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	19.20	19.30	19.22	20.90
	Channel			630500	633332	636166	Tune-up limit
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)

15	PI/2 BPSK	1	1	19.24	19.26	19.23	20.90
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	19.27	19.21	19.21	20.90

【FR1 n77 (270)___FCC_Part 270 (3700~3980MHz)_Ant 4_DSI

4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	19.27	19.34	19.30	20.90
100	PI/2 BPSK	1	137	18.85	19.02	18.87	20.90
100	PI/2 BPSK	1	271	18.78	18.94	18.78	20.90
100	PI/2 BPSK	135	0	18.36	18.47	18.37	20.40
100	PI/2 BPSK	135	69	19.05	19.23	19.07	20.90
100	PI/2 BPSK	135	138	18.30	18.51	18.34	20.40
100	PI/2 BPSK	270	0	18.47	18.52	18.41	20.40
100	QPSK	1	1	19.04	19.21	19.02	20.90
100	QPSK	1	137	18.73	18.89	18.84	20.90
100	QPSK	1	271	18.83	18.95	18.79	20.90
100	QPSK	135	0	17.81	17.97	17.79	19.90
100	QPSK	135	69	18.77	18.92	18.85	20.90
100	QPSK	135	138	17.77	17.97	17.91	19.90
100	QPSK	270	0	17.93	18.00	17.98	19.90
100	16QAM	1	1	17.95	18.13	18.06	19.90
100	64QAM	1	1	16.53	16.61	16.54	18.40
100	256QAM	1	1	14.52	14.66	14.53	16.40
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	19.13	19.26	19.16	20.90
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	19.19	19.28	19.19	20.90
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	19.12	19.33	19.24	20.90
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	19.21	19.23	19.24	20.90
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	19.25	19.33	19.28	20.90
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	19.22	19.31	19.25	20.90
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	19.23	19.20	19.27	20.90
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	19.17	19.31	19.16	20.90
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	19.23	19.20	19.22	20.90
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	19.20	19.24	19.20	20.90
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	19.13	19.19	19.22	20.90

【FR1 n77 (27Q)___FCC_Part 27Q (3450~3550MHz)_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					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		13.75		14.20
100	PI/2 BPSK	1	137		13.72		14.20
100	PI/2 BPSK	1	271		13.66		14.20
100	PI/2 BPSK	135	0		13.72		14.20
100	PI/2 BPSK	135	69		13.73		14.20
100	PI/2 BPSK	135	138		13.72		14.20
100	PI/2 BPSK	270	0		13.69		14.20

100	QPSK	1	1		13.68		14.20
100	QPSK	1	137		13.65		14.20
100	QPSK	1	271		13.70		14.20
100	QPSK	135	0		13.64		14.20
100	QPSK	135	69		13.65		14.20
100	QPSK	135	138		13.70		14.20
100	QPSK	270	0		13.71		14.20
100	16QAM	1	1		13.70		14.20
100	64QAM	1	1		13.68		14.20
100	256QAM	1	1		13.64		14.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	13.68	13.72	13.71	14.20
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	13.64	13.66	13.63	14.20
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	13.56	13.66	13.61	14.20
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	13.54	13.71	13.66	14.20
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	13.65	13.63	13.64	14.20
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	13.61	13.67	13.67	14.20
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	13.56	13.62	13.61	14.20
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	13.66	13.65	13.67	14.20
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	13.57	13.58	13.68	14.20
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	13.60	13.67	13.57	14.20
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	13.59	13.67	13.56	14.20

【FR1 n77 (270)___FCC_Part 270 (3700~3980MHz)_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				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	13.72	13.75	13.68	14.20
100	PI/2 BPSK	1	137	13.50	13.63	13.53	14.20
100	PI/2 BPSK	1	271	13.47	13.63	13.49	14.20
100	PI/2 BPSK	135	0	13.62	13.67	13.58	14.20
100	PI/2 BPSK	135	69	13.68	13.73	13.65	14.20
100	PI/2 BPSK	135	138	13.55	13.63	13.53	14.20
100	PI/2 BPSK	270	0	13.55	13.71	13.60	14.20
100	QPSK	1	1	13.58	13.66	13.53	14.20
100	QPSK	1	137	13.59	13.64	13.55	14.20
100	QPSK	1	271	13.58	13.67	13.55	14.20
100	QPSK	135	0	13.61	13.72	13.61	14.20
100	QPSK	135	69	13.50	13.67	13.53	14.20
100	QPSK	135	138	13.60	13.66	13.56	14.20
100	QPSK	270	0	13.54	13.67	13.52	14.20
100	16QAM	1	1	13.57	13.72	13.52	14.20
100	64QAM	1	1	13.48	13.64	13.44	14.20
100	256QAM	1	1	13.48	13.63	13.48	14.20
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	13.61	13.67	13.54	14.20
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	13.62	13.61	13.62	14.20

	Channel			649000	656000	663000	Tune-up limit
	Frequency (MHz)			3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	13.69	13.64	13.64	14.20
	Channel			648668	656000	663332	Tune-up limit
	Frequency (MHz)			3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	13.60	13.62	13.61	14.20
	Channel			648334	656000	663666	Tune-up limit
	Frequency (MHz)			3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	13.66	13.70	13.54	14.20
	Channel			648000	656000	664000	Tune-up limit
	Frequency (MHz)			3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	13.61	13.65	13.62	14.20
	Channel			647668	656000	664332	Tune-up limit
	Frequency (MHz)			3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	13.59	13.70	13.57	14.20
	Channel			647500	656000	664500	Tune-up limit
	Frequency (MHz)			3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	13.63	13.62	13.65	14.20
	Channel			647334	656000	664666	Tune-up limit
	Frequency (MHz)			3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	13.62	13.61	13.62	14.20
	Channel			647168	656000	664832	Tune-up limit
	Frequency (MHz)			3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	13.62	13.73	13.65	14.20
	Channel			647000	656000	665000	Tune-up limit
	Frequency (MHz)			3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	13.71	13.74	13.59	14.20

【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_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				633332		
	Frequency (MHz)				3499.98		
100	PI/2 BPSK	1	1		13.65		15.00
100	PI/2 BPSK	1	137		13.63		15.00
100	PI/2 BPSK	1	271		13.62		15.00
100	PI/2 BPSK	135	0		13.57		15.00
100	PI/2 BPSK	135	69		13.63		15.00
100	PI/2 BPSK	135	138		13.53		15.00
100	PI/2 BPSK	270	0		13.61		15.00
100	QPSK	1	1		13.61		15.00
100	QPSK	1	137		13.55		15.00
100	QPSK	1	271		13.57		15.00
100	QPSK	135	0		13.64		15.00
100	QPSK	135	69		13.57		15.00
100	QPSK	135	138		13.57		15.00
100	QPSK	270	0		13.54		15.00
100	16QAM	1	1		13.60		15.00
100	64QAM	1	1		13.62		15.00
100	256QAM	1	1		13.54		15.00
	Channel			633000	633332	633666	Tune-up limit
	Frequency (MHz)			3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	13.57	13.61	13.60	15.00
	Channel			632668	633332	634000	Tune-up limit
	Frequency (MHz)			3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	13.47	13.47	13.52	15.00
	Channel			632334	633332	634332	Tune-up limit
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	13.43	13.52	13.57	15.00
	Channel			632000	633332	634666	Tune-up limit
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	13.46	13.58	13.47	15.00
	Channel			631668	633332	635000	Tune-up limit
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	13.50	13.58	13.56	15.00
	Channel			631334	633332	635332	Tune-up limit
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	13.52	13.58	13.58	15.00
	Channel			631000	633332	635666	Tune-up limit
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	13.53	13.59	13.55	15.00
	Channel			630834	633332	635832	Tune-up limit

Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	13.43	13.48	13.47	15.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	13.54	13.57	13.49	15.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	13.53	13.53	13.53	15.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	13.49	13.53	13.57	15.00

【FR1 n77 (270)_FCC_Part 270 (3700~3980MHz)_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				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	13.54	13.60	13.57	15.00
100	PI/2 BPSK	1	137	13.42	13.52	13.35	15.00
100	PI/2 BPSK	1	271	13.35	13.52	13.36	15.00
100	PI/2 BPSK	135	0	13.36	13.55	13.41	15.00
100	PI/2 BPSK	135	69	13.49	13.58	13.47	15.00
100	PI/2 BPSK	135	138	13.32	13.50	13.32	15.00
100	PI/2 BPSK	270	0	13.34	13.55	13.42	15.00
100	QPSK	1	1	13.42	13.56	13.42	15.00
100	QPSK	1	137	13.41	13.52	13.36	15.00
100	QPSK	1	271	13.41	13.53	13.42	15.00
100	QPSK	135	0	13.40	13.49	13.36	15.00
100	QPSK	135	69	13.50	13.57	13.52	15.00
100	QPSK	135	138	13.31	13.49	13.31	15.00
100	QPSK	270	0	13.38	13.50	13.43	15.00
100	16QAM	1	1	13.37	13.58	13.46	15.00
100	64QAM	1	1	13.43	13.59	13.50	15.00
100	256QAM	1	1	13.42	13.54	13.49	15.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	13.48	13.56	13.43	15.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	13.49	13.47	13.54	15.00
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	13.49	13.55	13.55	15.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	13.53	13.54	13.43	15.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	13.47	13.45	13.46	15.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	13.39	13.57	13.48	15.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	13.42	13.54	13.44	15.00
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	13.52	13.45	13.42	15.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	13.41	13.57	13.47	15.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	13.53	13.58	13.54	15.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	13.40	13.52	13.54	15.00

【FR1 n77 (27Q)_FCC_Part 27Q
(3450~3550MHz)_HPUE_Ant 4_Default】

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		27.33		28.50
100	PI/2 BPSK	1	137		27.00		28.50
100	PI/2 BPSK	1	271		27.29		28.50
100	PI/2 BPSK	135	0		26.50		28.00
100	PI/2 BPSK	135	69		27.02		28.50
100	PI/2 BPSK	135	138		26.63		28.00
100	PI/2 BPSK	270	0		26.58		28.00
100	QPSK	1	1		27.15		28.50
100	QPSK	1	137		26.98		28.50
100	QPSK	1	271		27.27		28.50
100	QPSK	135	0		25.97		27.50
100	QPSK	135	69		26.96		28.50
100	QPSK	135	138		26.09		27.50
100	QPSK	270	0		26.04		27.50
100	16QAM	1	1		26.06		27.50
100	64QAM	1	1		24.59		26.00
100	256QAM	1	1		22.20		24.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	27.26	27.30	27.28	28.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	27.20	27.17	27.25	28.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	27.22	27.23	27.16	28.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	27.14	27.26	27.14	28.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	27.14	27.25	27.15	28.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	27.12	27.19	27.23	28.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	27.16	27.16	27.17	28.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	27.17	27.17	27.18	28.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	27.20	27.21	27.18	28.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	27.12	27.18	27.26	28.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	27.12	27.21	27.20	28.50

【FR1 n77 (27O)_FCC_Part 27O
(3700~3980MHz)_HPUE_Ant 4_Default】

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	26.98	27.13	27.05	28.50
100	PI/2 BPSK	1	137	26.68	26.90	26.70	28.50
100	PI/2 BPSK	1	271	26.81	27.04	26.89	28.50
100	PI/2 BPSK	135	0	26.26	26.43	26.31	28.00
100	PI/2 BPSK	135	69	26.70	27.00	26.81	28.50

100	PI/2 BPSK	135	138	26.24	26.53	26.34	28.00
100	PI/2 BPSK	270	0	26.14	26.41	26.22	28.00
100	QPSK	1	1	26.72	27.02	26.86	28.50
100	QPSK	1	137	26.74	26.92	26.81	28.50
100	QPSK	1	271	26.70	27.00	26.79	28.50
100	QPSK	135	0	25.65	25.85	25.73	27.50
100	QPSK	135	69	26.70	26.92	26.70	28.50
100	QPSK	135	138	25.69	25.98	25.76	27.50
100	QPSK	270	0	25.69	25.96	25.80	27.50
100	16QAM	1	1	25.58	25.76	25.57	27.50
100	64QAM	1	1	24.24	24.42	24.26	26.00
100	256QAM	1	1	21.83	21.98	21.85	24.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	26.93	26.98	26.96	28.50
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	26.86	26.99	27.01	28.50
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	26.89	27.00	26.91	28.50
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	26.83	26.98	26.96	28.50
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	26.88	27.03	26.95	28.50
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	26.87	27.00	26.90	28.50
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	26.94	27.04	26.91	28.50
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	26.96	27.10	26.92	28.50
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	26.93	26.99	26.91	28.50
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	26.88	27.01	27.04	28.50
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	26.85	27.00	26.95	28.50

【FR1 n77 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_Ant 4_default】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.53		23.00
100	PI/2 BPSK	1	137		21.46		23.00
100	PI/2 BPSK	1	271		21.49		23.00
100	PI/2 BPSK	135	0		20.97		22.50
100	PI/2 BPSK	135	69		21.47		23.00
100	PI/2 BPSK	135	138		21.02		22.50
100	PI/2 BPSK	270	0		20.94		22.50
100	QPSK	1	1		21.38		23.00
100	QPSK	1	137		21.36		23.00
100	QPSK	1	271		21.61		23.00
100	QPSK	135	0		20.41		22.00
100	QPSK	135	69		21.42		23.00
100	QPSK	135	138		20.50		22.00
100	QPSK	270	0		20.53		22.00
100	16QAM	1	1		20.29		22.00
100	64QAM	1	1		18.63		20.50
100	256QAM	1	1		17.00		18.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	21.34	21.36	21.32	23.00
Channel				632668	633332	634000	Tune-up limit

80	Frequency (MHz)	3490.02	3499.98	3510	(dBm)
	PI/2 BPSK	21.33	21.33	21.19	23.00
	Channel	632334	633332	634332	Tune-up limit
	Frequency (MHz)	3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	21.29	21.27	21.17	23.00
	Channel	632000	633332	634666	Tune-up limit
	Frequency (MHz)	3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	21.31	21.21	21.21	23.00
	Channel	631668	633332	635000	Tune-up limit
	Frequency (MHz)	3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	21.31	21.28	21.20	23.00
	Channel	631334	633332	635332	Tune-up limit
	Frequency (MHz)	3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	21.32	21.26	21.18	23.00
	Channel	631000	633332	635666	Tune-up limit
	Frequency (MHz)	3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	21.28	21.29	21.25	23.00
	Channel	630834	633332	635832	Tune-up limit
	Frequency (MHz)	3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	21.28	21.29	21.26	23.00
	Channel	630668	633332	636000	Tune-up limit
	Frequency (MHz)	3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	21.33	21.28	21.29	23.00
	Channel	630500	633332	636166	Tune-up limit
	Frequency (MHz)	3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	21.27	21.23	21.19	23.00
	Channel	630334	633332	636332	Tune-up limit
	Frequency (MHz)	3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	21.24	21.32	21.18	23.00

【FR1 n77 (270)_FCC_Part 270

(3700~3980MHz)_HPUE_Ant 4_default】

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	21.16	21.17	21.16	22.80
100	PI/2 BPSK	1	137	20.93	21.03	20.87	22.80
100	PI/2 BPSK	1	271	20.91	21.05	20.96	22.80
100	PI/2 BPSK	135	0	20.46	20.53	20.50	22.30
100	PI/2 BPSK	135	69	20.93	20.96	20.82	22.80
100	PI/2 BPSK	135	138	20.40	20.49	20.45	22.30
100	PI/2 BPSK	270	0	20.30	20.46	20.35	22.30
100	QPSK	1	1	20.96	21.11	21.05	22.80
100	QPSK	1	137	20.73	20.84	20.75	22.80
100	QPSK	1	271	20.76	20.89	20.75	22.80
100	QPSK	135	0	19.80	19.93	19.83	21.80
100	QPSK	135	69	20.81	20.87	20.72	22.80
100	QPSK	135	138	19.80	19.95	19.88	21.80
100	QPSK	270	0	19.95	19.98	19.86	21.80
100	16QAM	1	1	19.95	20.08	19.95	21.80
100	64QAM	1	1	18.31	18.39	18.30	20.30
100	256QAM	1	1	16.30	16.43	16.34	18.30
	Channel			649668	656000	662332	Tune-up limit
	Frequency (MHz)			3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	21.12	21.14	21.02	22.80
	Channel			649334	656000	662666	Tune-up limit
	Frequency (MHz)			3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	21.11	21.05	21.02	22.80
	Channel			649000	656000	663000	Tune-up limit
	Frequency (MHz)			3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	21.13	21.07	21.09	22.80
	Channel			648668	656000	663332	Tune-up limit
	Frequency (MHz)			3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	21.05	21.16	21.08	22.80
	Channel			648334	656000	663666	Tune-up limit
	Frequency (MHz)			3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	21.05	21.13	21.13	22.80
	Channel			648000	656000	664000	Tune-up limit
	Frequency (MHz)			3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	21.04	21.08	21.10	22.80
	Channel			647668	656000	664332	Tune-up limit
	Frequency (MHz)			3715.02	3840	3964.98	(dBm)

30	PI/2 BPSK	1	1	21.04	21.13	21.09	22.80
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	21.03	21.13	21.11	22.80
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	21.09	21.04	21.05	22.80
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	21.04	21.04	21.10	22.80
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	21.09	21.11	21.02	22.80

【FR1 n77 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_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					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		16.78		18.00
100	PI/2 BPSK	1	137		16.73		18.00
100	PI/2 BPSK	1	271		16.62		18.00
100	PI/2 BPSK	135	0		16.72		18.00
100	PI/2 BPSK	135	69		16.64		18.00
100	PI/2 BPSK	135	138		16.70		18.00
100	PI/2 BPSK	270	0		16.67		18.00
100	QPSK	1	1		16.65		18.00
100	QPSK	1	137		16.62		18.00
100	QPSK	1	271		16.65		18.00
100	QPSK	135	0		16.64		18.00
100	QPSK	135	69		16.72		18.00
100	QPSK	135	138		16.67		18.00
100	QPSK	270	0		16.71		18.00
100	16QAM	1	1		16.71		18.00
100	64QAM	1	1		16.65		18.00
100	256QAM	1	1		16.66		18.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	16.72	16.75	16.71	18.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	16.58	16.63	16.59	18.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	16.65	16.62	16.70	18.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	16.64	16.62	16.69	18.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	16.62	16.72	16.64	18.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	16.70	16.72	16.63	18.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	16.60	16.65	16.70	18.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	16.66	16.67	16.68	18.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	16.67	16.70	16.57	18.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	16.67	16.72	16.70	18.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	16.64	16.66	16.64	18.00

【FR1 n77 (270)_FCC_Part 270
(3700~3980MHz)_HPUE_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				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	16.65	16.72	16.68	18.00
100	PI/2 BPSK	1	137	16.52	16.65	16.47	18.00
100	PI/2 BPSK	1	271	16.59	16.71	16.60	18.00
100	PI/2 BPSK	135	0	16.48	16.69	16.61	18.00
100	PI/2 BPSK	135	69	16.63	16.71	16.65	18.00
100	PI/2 BPSK	135	138	16.51	16.70	16.61	18.00
100	PI/2 BPSK	270	0	16.60	16.69	16.54	18.00
100	QPSK	1	1	16.46	16.66	16.48	18.00
100	QPSK	1	137	16.55	16.67	16.57	18.00
100	QPSK	1	271	16.46	16.66	16.51	18.00
100	QPSK	135	0	16.53	16.65	16.60	18.00
100	QPSK	135	69	16.57	16.66	16.53	18.00
100	QPSK	135	138	16.52	16.63	16.55	18.00
100	QPSK	270	0	16.48	16.65	16.55	18.00
100	16QAM	1	1	16.56	16.68	16.62	18.00
100	64QAM	1	1	16.54	16.65	16.46	18.00
100	256QAM	1	1	16.53	16.70	16.52	18.00
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	16.64	16.68	16.63	18.00
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	16.61	16.68	16.57	18.00
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	16.53	16.61	16.53	18.00
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	16.58	16.57	16.59	18.00
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	16.54	16.59	16.67	18.00
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	16.51	16.69	16.63	18.00
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	16.58	16.58	16.54	18.00
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	16.57	16.58	16.65	18.00
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	16.50	16.67	16.63	18.00
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	16.53	16.59	16.54	18.00
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	16.63	16.67	16.59	18.00

【FR1 n77 (27Q)_FCC_Part 27Q
(3450~3550MHz)_HPUE_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					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		16.62		18.00
100	PI/2 BPSK	1	137		16.54		18.00
100	PI/2 BPSK	1	271		16.49		18.00
100	PI/2 BPSK	135	0		16.58		18.00
100	PI/2 BPSK	135	69		16.47		18.00
100	PI/2 BPSK	135	138		16.52		18.00
100	PI/2 BPSK	270	0		16.49		18.00

100	QPSK	1	1		16.52		18.00
100	QPSK	1	137		16.48		18.00
100	QPSK	1	271		16.52		18.00
100	QPSK	135	0		16.54		18.00
100	QPSK	135	69		16.54		18.00
100	QPSK	135	138		16.57		18.00
100	QPSK	270	0		16.56		18.00
100	16QAM	1	1		16.56		18.00
100	64QAM	1	1		16.47		18.00
100	256QAM	1	1		16.49		18.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	16.54	16.60	16.57	18.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	16.44	16.47	16.46	18.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	16.43	16.49	16.46	18.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	16.50	16.53	16.44	18.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	16.42	16.52	16.48	18.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	16.44	16.50	16.47	18.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	16.42	16.50	16.51	18.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	16.49	16.47	16.43	18.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	16.43	16.53	16.54	18.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	16.48	16.51	16.47	18.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	16.44	16.52	16.53	18.00

【FR1 n77 (270)_FCC_Part 270

(3700~3980MHz)_HPUE_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				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	16.52	16.61	16.54	18.00
100	PI/2 BPSK	1	137	16.32	16.50	16.28	18.00
100	PI/2 BPSK	1	271	16.25	16.48	16.39	18.00
100	PI/2 BPSK	135	0	16.28	16.48	16.31	18.00
100	PI/2 BPSK	135	69	16.41	16.51	16.31	18.00
100	PI/2 BPSK	135	138	16.44	16.56	16.39	18.00
100	PI/2 BPSK	270	0	16.36	16.55	16.34	18.00
100	QPSK	1	1	16.34	16.58	16.43	18.00
100	QPSK	1	137	16.43	16.54	16.32	18.00
100	QPSK	1	271	16.42	16.56	16.34	18.00
100	QPSK	135	0	16.27	16.47	16.38	18.00
100	QPSK	135	69	16.41	16.54	16.44	18.00
100	QPSK	135	138	16.28	16.48	16.40	18.00
100	QPSK	270	0	16.40	16.59	16.47	18.00
100	16QAM	1	1	16.40	16.51	16.32	18.00
100	64QAM	1	1	16.36	16.56	16.36	18.00
100	256QAM	1	1	16.44	16.56	16.43	18.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	16.40	16.54	16.45	18.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	16.44	16.49	16.45	18.00

	Channel			649000	656000	663000	Tune-up limit
	Frequency (MHz)			3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	16.47	16.51	16.46	18.00
	Channel			648668	656000	663332	Tune-up limit
	Frequency (MHz)			3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	16.37	16.56	16.46	18.00
	Channel			648334	656000	663666	Tune-up limit
	Frequency (MHz)			3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	16.42	16.55	16.42	18.00
	Channel			648000	656000	664000	Tune-up limit
	Frequency (MHz)			3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	16.51	16.58	16.40	18.00
	Channel			647668	656000	664332	Tune-up limit
	Frequency (MHz)			3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	16.42	16.55	16.46	18.00
	Channel			647500	656000	664500	Tune-up limit
	Frequency (MHz)			3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	16.50	16.57	16.50	18.00
	Channel			647334	656000	664666	Tune-up limit
	Frequency (MHz)			3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	16.39	16.55	16.43	18.00
	Channel			647168	656000	664832	Tune-up limit
	Frequency (MHz)			3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	16.38	16.53	16.49	18.00
	Channel			647000	656000	665000	Tune-up limit
	Frequency (MHz)			3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	16.44	16.56	16.49	18.00

【FR1 n77 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_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				633332		
	Frequency (MHz)				3499.98		
100	PI/2 BPSK	1	1		21.26		22.50
100	PI/2 BPSK	1	137		21.20		22.50
100	PI/2 BPSK	1	271		21.15		22.50
100	PI/2 BPSK	135	0		21.22		22.50
100	PI/2 BPSK	135	69		21.22		22.50
100	PI/2 BPSK	135	138		21.13		22.50
100	PI/2 BPSK	270	0		21.18		22.50
100	QPSK	1	1		21.20		22.50
100	QPSK	1	137		21.21		22.50
100	QPSK	1	271		21.11		22.50
100	QPSK	135	0		21.14		22.50
100	QPSK	135	69		21.13		22.50
100	QPSK	135	138		21.17		22.50
100	QPSK	270	0		21.18		22.50
100	16QAM	1	1		21.17		22.50
100	64QAM	1	1		21.18		22.50
100	256QAM	1	1		21.18		22.50
	Channel			633000	633332	633666	Tune-up limit
	Frequency (MHz)			3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	21.23	21.25	21.18	22.50
	Channel			632668	633332	634000	Tune-up limit
	Frequency (MHz)			3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	21.09	21.22	21.17	22.50
	Channel			632334	633332	634332	Tune-up limit
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	21.15	21.18	21.09	22.50
	Channel			632000	633332	634666	Tune-up limit
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	21.18	21.23	21.09	22.50
	Channel			631668	633332	635000	Tune-up limit
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	21.17	21.16	21.14	22.50
	Channel			631334	633332	635332	Tune-up limit
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	21.12	21.22	21.06	22.50
	Channel			631000	633332	635666	Tune-up limit
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	21.21	21.23	21.11	22.50
	Channel			630834	633332	635832	Tune-up limit

	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	21.12	21.21	21.07	22.50
	Channel			630668	633332	636000	Tune-up limit (dBm)
	Frequency (MHz)			3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	21.08	21.12	21.14	22.50
	Channel			630500	633332	636166	Tune-up limit (dBm)
	Frequency (MHz)			3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	21.12	21.12	21.04	22.50
	Channel			630334	633332	636332	Tune-up limit (dBm)
	Frequency (MHz)			3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	21.10	21.24	21.09	22.50

【FR1 n77 (270)_FCC_Part 270

(3700~3980MHz)_HPUE_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			650000	656000	662000	
	Frequency (MHz)			3750	3840	3930	
100	PI/2 BPSK	1	1	21.18	21.23	21.21	22.50
100	PI/2 BPSK	1	137	21.00	21.14	21.09	22.50
100	PI/2 BPSK	1	271	20.97	21.17	21.07	22.50
100	PI/2 BPSK	135	0	21.13	21.15	21.13	22.50
100	PI/2 BPSK	135	69	21.15	21.22	21.18	22.50
100	PI/2 BPSK	135	138	21.09	21.22	21.16	22.50
100	PI/2 BPSK	270	0	21.09	21.17	21.09	22.50
100	QPSK	1	1	21.00	21.17	21.03	22.50
100	QPSK	1	137	20.96	21.14	21.00	22.50
100	QPSK	1	271	20.98	21.11	21.00	22.50
100	QPSK	135	0	21.13	21.22	21.11	22.50
100	QPSK	135	69	21.11	21.20	21.05	22.50
100	QPSK	135	138	20.95	21.14	21.08	22.50
100	QPSK	270	0	21.05	21.16	21.10	22.50
100	16QAM	1	1	21.02	21.17	21.05	22.50
100	64QAM	1	1	21.03	21.15	21.10	22.50
100	256QAM	1	1	20.99	21.19	21.06	22.50
	Channel			649668	656000	662332	Tune-up limit (dBm)
	Frequency (MHz)			3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	21.10	21.19	21.10	22.50
	Channel			649334	656000	662666	Tune-up limit (dBm)
	Frequency (MHz)			3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	21.15	21.18	21.19	22.50
	Channel			649000	656000	663000	Tune-up limit (dBm)
	Frequency (MHz)			3735	3840	3945	
70	PI/2 BPSK	1	1	21.11	21.15	21.17	22.50
	Channel			648668	656000	663332	Tune-up limit (dBm)
	Frequency (MHz)			3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	21.13	21.16	21.19	22.50
	Channel			648334	656000	663666	Tune-up limit (dBm)
	Frequency (MHz)			3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	21.17	21.16	21.18	22.50
	Channel			648000	656000	664000	Tune-up limit (dBm)
	Frequency (MHz)			3720	3840	3960	
40	PI/2 BPSK	1	1	21.05	21.14	21.10	22.50
	Channel			647668	656000	664332	Tune-up limit (dBm)
	Frequency (MHz)			3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	21.08	21.12	21.10	22.50
	Channel			647500	656000	664500	Tune-up limit (dBm)
	Frequency (MHz)			3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	21.06	21.20	21.09	22.50
	Channel			647334	656000	664666	Tune-up limit (dBm)
	Frequency (MHz)			3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	21.10	21.19	21.08	22.50
	Channel			647168	656000	664832	Tune-up limit (dBm)
	Frequency (MHz)			3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	21.14	21.20	21.16	22.50
	Channel			647000	656000	665000	Tune-up limit (dBm)
	Frequency (MHz)			3705	3840	3975	
10	PI/2 BPSK	1	1	21.12	21.13	21.19	22.50

【FR1 n77 (27Q)_FCC_Part 27Q
(3450~3550MHz)_HPUE_Ant 4_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.07		22.50
100	PI/2 BPSK	1	137		21.03		22.50
100	PI/2 BPSK	1	271		21.03		22.50
100	PI/2 BPSK	135	0		21.06		22.50
100	PI/2 BPSK	135	69		21.00		22.50
100	PI/2 BPSK	135	138		21.07		22.50
100	PI/2 BPSK	270	0		21.05		22.50
100	QPSK	1	1		21.08		22.50
100	QPSK	1	137		21.00		22.50
100	QPSK	1	271		21.07		22.50
100	QPSK	135	0		20.41		22.00
100	QPSK	135	69		21.02		22.50
100	QPSK	135	138		20.50		22.00
100	QPSK	270	0		20.53		22.00
100	16QAM	1	1		20.29		22.00
100	64QAM	1	1		18.63		20.50
100	256QAM	1	1		17.00		18.50
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	21.01	21.05	20.98	22.50
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	20.90	20.95	20.96	22.50
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	21.00	21.00	20.91	22.50
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	20.88	20.99	20.91	22.50
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	20.93	20.98	20.91	22.50
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	20.89	20.96	20.90	22.50
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	20.92	21.01	20.85	22.50
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	20.97	20.98	20.90	22.50
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	20.87	20.98	20.87	22.50
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	20.96	20.97	20.92	22.50
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	20.94	20.98	20.95	22.50

【FR1 n77 (27O)_FCC_Part 27O
(3700~3980MHz)_HPUE_Ant 4_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	21.01	21.07	21.05	22.50
100	PI/2 BPSK	1	137	20.86	21.03	20.95	22.50
100	PI/2 BPSK	1	271	20.90	21.05	20.95	22.50
100	PI/2 BPSK	135	0	20.45	20.53	20.41	22.30
100	PI/2 BPSK	135	69	20.81	20.96	20.87	22.50
100	PI/2 BPSK	135	138	20.41	20.61	20.53	22.30
100	PI/2 BPSK	270	0	20.42	20.58	20.44	22.30

100	QPSK	1	1	20.85	21.05	20.98	22.50
100	QPSK	1	137	20.65	20.84	20.80	22.50
100	QPSK	1	271	20.76	20.89	20.75	22.50
100	QPSK	135	0	19.80	19.93	19.83	21.80
100	QPSK	135	69	20.81	20.87	20.72	22.50
100	QPSK	135	138	19.80	19.95	19.88	21.80
100	QPSK	270	0	19.95	19.98	19.86	21.80
100	16QAM	1	1	19.95	20.08	19.95	21.80
100	64QAM	1	1	18.31	18.39	18.30	20.30
100	256QAM	1	1	16.30	16.43	16.34	18.30
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	20.87	21.04	21.03	22.50
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	20.88	21.03	20.90	22.50
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	20.86	21.02	20.98	22.50
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	20.87	20.95	20.94	22.50
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	20.90	21.03	21.04	22.50
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	20.92	20.96	21.01	22.50
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	20.93	21.02	21.04	22.50
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	20.95	21.00	20.96	22.50
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	20.95	21.05	20.91	22.50
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	20.97	20.99	20.94	22.50
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	20.95	20.94	20.99	22.50

【FR1 n77 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_Ant 4_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					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		25.29		26.50
100	PI/2 BPSK	1	137		25.21		26.50
100	PI/2 BPSK	1	271		25.15		26.50
100	PI/2 BPSK	135	0		25.14		26.50
100	PI/2 BPSK	135	69		25.17		26.50
100	PI/2 BPSK	135	138		25.22		26.50
100	PI/2 BPSK	270	0		25.21		26.50
100	QPSK	1	1		25.15		26.50
100	QPSK	1	137		25.12		26.50
100	QPSK	1	271		25.22		26.50
100	QPSK	135	0		25.16		26.50
100	QPSK	135	69		25.12		26.50
100	QPSK	135	138		25.19		26.50
100	QPSK	270	0		25.13		26.50
100	16QAM	1	1		25.13		26.50
100	64QAM	1	1		24.59		26.00
100	256QAM	1	1		22.20		24.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	25.21	25.26	25.25	26.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	25.07	25.24	25.11	26.50

Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	25.17	25.16	25.24	26.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	25.10	25.20	25.22	26.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	25.10	25.16	25.21	26.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	25.08	25.19	25.15	26.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	25.08	25.23	25.12	26.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	25.14	25.12	25.18	26.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	25.16	25.22	25.14	26.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	25.10	25.14	25.18	26.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	25.09	25.21	25.20	26.50

【FR1 n77 (270)_FCC_Part 270

(3700~3980MHz)_HPUE_Ant 4_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				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	25.21	25.25	25.23	26.50
100	PI/2 BPSK	1	137	25.05	25.15	25.03	26.50
100	PI/2 BPSK	1	271	25.17	25.23	25.08	26.50
100	PI/2 BPSK	135	0	25.05	25.18	25.14	26.50
100	PI/2 BPSK	135	69	25.15	25.23	25.17	26.50
100	PI/2 BPSK	135	138	25.11	25.16	25.08	26.50
100	PI/2 BPSK	270	0	25.04	25.11	24.95	26.50
100	QPSK	1	1	24.96	25.13	24.97	26.50
100	QPSK	1	137	25.02	25.20	25.11	26.50
100	QPSK	1	271	25.14	25.19	25.08	26.50
100	QPSK	135	0	25.10	25.17	25.06	26.50
100	QPSK	135	69	24.98	25.16	25.12	26.50
100	QPSK	135	138	25.05	25.16	25.04	26.50
100	QPSK	270	0	25.12	25.19	25.09	26.50
100	16QAM	1	1	25.02	25.16	25.02	26.50
100	64QAM	1	1	24.24	24.42	24.26	26.00
100	256QAM	1	1	21.83	21.98	21.85	24.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	25.17	25.11	25.21	26.50
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	25.06	25.13	25.11	26.50
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	25.10	25.10	25.14	26.50
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	25.19	25.15	25.14	26.50
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	25.14	25.21	25.11	26.50
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	25.08	25.14	25.11	26.50
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	25.14	25.18	25.09	26.50
Channel				647500	656000	664500	Tune-up limit

	Frequency (MHz)			3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	25.10	25.15	25.22	26.50
	Channel			647334	656000	664666	Tune-up limit
	Frequency (MHz)			3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	25.17	25.16	25.08	26.50
	Channel			647168	656000	664832	Tune-up limit
	Frequency (MHz)			3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	25.16	25.19	25.18	26.50
	Channel			647000	656000	665000	Tune-up limit
	Frequency (MHz)			3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	25.17	25.24	25.16	26.50

【FR1 n77 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_Ant 4_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel				633332		
	Frequency (MHz)				3499.98		
100	PI/2 BPSK	1	1		21.53		23.00
100	PI/2 BPSK	1	137		21.46		23.00
100	PI/2 BPSK	1	271		21.49		23.00
100	PI/2 BPSK	135	0		20.97		22.50
100	PI/2 BPSK	135	69		21.47		23.00
100	PI/2 BPSK	135	138		21.02		22.50
100	PI/2 BPSK	270	0		20.94		22.50
100	QPSK	1	1		21.38		23.00
100	QPSK	1	137		21.36		23.00
100	QPSK	1	271		21.61		23.00
100	QPSK	135	0		20.41		22.00
100	QPSK	135	69		21.42		23.00
100	QPSK	135	138		20.50		22.00
100	QPSK	270	0		20.53		22.00
100	16QAM	1	1		20.29		22.00
100	64QAM	1	1		18.63		20.50
100	256QAM	1	1		17.00		18.50
	Channel			633000	633332	633666	Tune-up limit
	Frequency (MHz)			3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	21.34	21.36	21.32	23.00
	Channel			632668	633332	634000	Tune-up limit
	Frequency (MHz)			3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	21.33	21.33	21.19	23.00
	Channel			632334	633332	634332	Tune-up limit
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	21.29	21.27	21.17	23.00
	Channel			632000	633332	634666	Tune-up limit
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	21.31	21.21	21.21	23.00
	Channel			631668	633332	635000	Tune-up limit
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	21.31	21.28	21.20	23.00
	Channel			631334	633332	635332	Tune-up limit
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	21.32	21.26	21.18	23.00
	Channel			631000	633332	635666	Tune-up limit
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	21.28	21.29	21.25	23.00
	Channel			630834	633332	635832	Tune-up limit
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	21.28	21.29	21.26	23.00
	Channel			630668	633332	636000	Tune-up limit
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	21.33	21.28	21.29	23.00
	Channel			630500	633332	636166	Tune-up limit
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	21.27	21.23	21.19	23.00
	Channel			630334	633332	636332	Tune-up limit
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	21.24	21.32	21.18	23.00

【FR1 n77 (270)_FCC_Part 27O

(3700~3980MHz)_HPUE_Ant 4_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	21.16	21.17	21.16	22.80
100	PI/2 BPSK	1	137	20.93	21.03	20.87	22.80
100	PI/2 BPSK	1	271	20.91	21.05	20.96	22.80
100	PI/2 BPSK	135	0	20.46	20.53	20.50	22.30
100	PI/2 BPSK	135	69	20.93	20.96	20.82	22.80
100	PI/2 BPSK	135	138	20.40	20.49	20.45	22.30
100	PI/2 BPSK	270	0	20.30	20.46	20.35	22.30
100	QPSK	1	1	20.96	21.11	21.05	22.80
100	QPSK	1	137	20.73	20.84	20.75	22.80
100	QPSK	1	271	20.76	20.89	20.75	22.80
100	QPSK	135	0	19.80	19.93	19.83	21.80
100	QPSK	135	69	20.81	20.87	20.72	22.80
100	QPSK	135	138	19.80	19.95	19.88	21.80
100	QPSK	270	0	19.95	19.98	19.86	21.80
100	16QAM	1	1	19.95	20.08	19.95	21.80
100	64QAM	1	1	18.31	18.39	18.30	20.30
100	256QAM	1	1	16.30	16.43	16.34	18.30
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	21.12	21.14	21.02	22.80
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	21.11	21.05	21.02	22.80
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	21.13	21.07	21.09	22.80
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	21.05	21.16	21.08	22.80
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	21.05	21.13	21.13	22.80
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	21.04	21.08	21.10	22.80
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	21.04	21.13	21.09	22.80
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	21.03	21.13	21.11	22.80
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	21.09	21.04	21.05	22.80
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	21.04	21.04	21.10	22.80
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	21.09	21.11	21.02	22.80

【FR1 n77 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_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					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		16.78		18.00
100	PI/2 BPSK	1	137		16.73		18.00
100	PI/2 BPSK	1	271		16.62		18.00
100	PI/2 BPSK	135	0		16.72		18.00
100	PI/2 BPSK	135	69		16.64		18.00
100	PI/2 BPSK	135	138		16.70		18.00
100	PI/2 BPSK	270	0		16.67		18.00

100	QPSK	1	1		16.65		18.00
100	QPSK	1	137		16.62		18.00
100	QPSK	1	271		16.65		18.00
100	QPSK	135	0		16.64		18.00
100	QPSK	135	69		16.72		18.00
100	QPSK	135	138		16.67		18.00
100	QPSK	270	0		16.71		18.00
100	16QAM	1	1		16.71		18.00
100	64QAM	1	1		16.65		18.00
100	256QAM	1	1		16.66		18.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	16.72	16.75	16.71	18.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	16.58	16.63	16.59	18.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	16.65	16.62	16.70	18.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	16.64	16.62	16.69	18.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	16.62	16.72	16.64	18.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	16.70	16.72	16.63	18.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	16.60	16.65	16.70	18.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	16.66	16.67	16.68	18.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	16.67	16.70	16.57	18.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	16.67	16.72	16.70	18.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	16.64	16.66	16.64	18.00

【FR1 n77 (270)_FCC_Part 270

(3700~3980MHz)_HPUE_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				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	16.65	16.72	16.68	18.00
100	PI/2 BPSK	1	137	16.52	16.65	16.47	18.00
100	PI/2 BPSK	1	271	16.59	16.71	16.60	18.00
100	PI/2 BPSK	135	0	16.48	16.69	16.61	18.00
100	PI/2 BPSK	135	69	16.63	16.71	16.65	18.00
100	PI/2 BPSK	135	138	16.51	16.70	16.61	18.00
100	PI/2 BPSK	270	0	16.60	16.69	16.54	18.00
100	QPSK	1	1	16.46	16.66	16.48	18.00
100	QPSK	1	137	16.55	16.67	16.57	18.00
100	QPSK	1	271	16.46	16.66	16.51	18.00
100	QPSK	135	0	16.53	16.65	16.60	18.00
100	QPSK	135	69	16.57	16.66	16.53	18.00
100	QPSK	135	138	16.52	16.63	16.55	18.00
100	QPSK	270	0	16.48	16.65	16.55	18.00
100	16QAM	1	1	16.56	16.68	16.62	18.00
100	64QAM	1	1	16.54	16.65	16.46	18.00
100	256QAM	1	1	16.53	16.70	16.52	18.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	16.64	16.68	16.63	18.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	16.61	16.68	16.57	18.00

	Channel			649000	656000	663000	Tune-up limit
	Frequency (MHz)			3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	16.53	16.61	16.53	18.00
	Channel			648668	656000	663332	Tune-up limit
	Frequency (MHz)			3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	16.58	16.57	16.59	18.00
	Channel			648334	656000	663666	Tune-up limit
	Frequency (MHz)			3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	16.54	16.59	16.67	18.00
	Channel			648000	656000	664000	Tune-up limit
	Frequency (MHz)			3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	16.51	16.69	16.63	18.00
	Channel			647668	656000	664332	Tune-up limit
	Frequency (MHz)			3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	16.58	16.58	16.54	18.00
	Channel			647500	656000	664500	Tune-up limit
	Frequency (MHz)			3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	16.57	16.58	16.65	18.00
	Channel			647334	656000	664666	Tune-up limit
	Frequency (MHz)			3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	16.50	16.67	16.63	18.00
	Channel			647168	656000	664832	Tune-up limit
	Frequency (MHz)			3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	16.53	16.59	16.54	18.00
	Channel			647000	656000	665000	Tune-up limit
	Frequency (MHz)			3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	16.63	16.67	16.59	18.00

【FR1 n77 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_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				633332		
	Frequency (MHz)				3499.98		
100	PI/2 BPSK	1	1		16.62		18.00
100	PI/2 BPSK	1	137		16.54		18.00
100	PI/2 BPSK	1	271		16.49		18.00
100	PI/2 BPSK	135	0		16.58		18.00
100	PI/2 BPSK	135	69		16.47		18.00
100	PI/2 BPSK	135	138		16.52		18.00
100	PI/2 BPSK	270	0		16.49		18.00
100	QPSK	1	1		16.52		18.00
100	QPSK	1	137		16.48		18.00
100	QPSK	1	271		16.52		18.00
100	QPSK	135	0		16.54		18.00
100	QPSK	135	69		16.54		18.00
100	QPSK	135	138		16.57		18.00
100	QPSK	270	0		16.56		18.00
100	16QAM	1	1		16.56		18.00
100	64QAM	1	1		16.47		18.00
100	256QAM	1	1		16.49		18.00
	Channel			633000	633332	633666	Tune-up limit
	Frequency (MHz)			3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	16.54	16.60	16.57	18.00
	Channel			632668	633332	634000	Tune-up limit
	Frequency (MHz)			3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	16.44	16.47	16.46	18.00
	Channel			632334	633332	634332	Tune-up limit
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	16.43	16.49	16.46	18.00
	Channel			632000	633332	634666	Tune-up limit
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	16.50	16.53	16.44	18.00
	Channel			631668	633332	635000	Tune-up limit
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	16.42	16.52	16.48	18.00
	Channel			631334	633332	635332	Tune-up limit
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	16.44	16.50	16.47	18.00
	Channel			631000	633332	635666	Tune-up limit
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	16.42	16.50	16.51	18.00
	Channel			630834	633332	635832	Tune-up limit

	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	16.49	16.47	16.43	18.00
	Channel			630668	633332	636000	Tune-up limit
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	16.43	16.53	16.54	18.00
	Channel			630500	633332	636166	Tune-up limit
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	16.48	16.51	16.47	18.00
	Channel			630334	633332	636332	Tune-up limit
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	16.44	16.52	16.53	18.00

【FR1 n77 (270)_FCC_Part 270

(3700~3980MHz)_HPUE_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			650000	656000	662000	
	Frequency (MHz)			3750	3840	3930	
100	PI/2 BPSK	1	1	16.52	16.61	16.54	18.00
100	PI/2 BPSK	1	137	16.32	16.50	16.28	18.00
100	PI/2 BPSK	1	271	16.25	16.48	16.39	18.00
100	PI/2 BPSK	135	0	16.28	16.48	16.31	18.00
100	PI/2 BPSK	135	69	16.41	16.51	16.31	18.00
100	PI/2 BPSK	135	138	16.44	16.56	16.39	18.00
100	PI/2 BPSK	270	0	16.36	16.55	16.34	18.00
100	QPSK	1	1	16.34	16.58	16.43	18.00
100	QPSK	1	137	16.43	16.54	16.32	18.00
100	QPSK	1	271	16.42	16.56	16.34	18.00
100	QPSK	135	0	16.27	16.47	16.38	18.00
100	QPSK	135	69	16.41	16.54	16.44	18.00
100	QPSK	135	138	16.28	16.48	16.40	18.00
100	QPSK	270	0	16.40	16.59	16.47	18.00
100	16QAM	1	1	16.40	16.51	16.32	18.00
100	64QAM	1	1	16.36	16.56	16.36	18.00
100	256QAM	1	1	16.44	16.56	16.43	18.00
	Channel			649668	656000	662332	Tune-up limit
	Frequency (MHz)			3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	16.40	16.54	16.45	18.00
	Channel			649334	656000	662666	Tune-up limit
	Frequency (MHz)			3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	16.44	16.49	16.45	18.00
	Channel			649000	656000	663000	Tune-up limit
	Frequency (MHz)			3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	16.47	16.51	16.46	18.00
	Channel			648668	656000	663332	Tune-up limit
	Frequency (MHz)			3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	16.37	16.56	16.46	18.00
	Channel			648334	656000	663666	Tune-up limit
	Frequency (MHz)			3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	16.42	16.55	16.42	18.00
	Channel			648000	656000	664000	Tune-up limit
	Frequency (MHz)			3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	16.51	16.58	16.40	18.00
	Channel			647668	656000	664332	Tune-up limit
	Frequency (MHz)			3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	16.42	16.55	16.46	18.00
	Channel			647500	656000	664500	Tune-up limit
	Frequency (MHz)			3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	16.50	16.57	16.50	18.00
	Channel			647334	656000	664666	Tune-up limit
	Frequency (MHz)			3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	16.39	16.55	16.43	18.00
	Channel			647168	656000	664832	Tune-up limit
	Frequency (MHz)			3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	16.38	16.53	16.49	18.00
	Channel			647000	656000	665000	Tune-up limit
	Frequency (MHz)			3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	16.44	16.56	16.49	18.00

【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant

5_Default】

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		25.20		25.70
100	PI/2 BPSK	1	137		24.98		25.70
100	PI/2 BPSK	1	271		25.00		25.70
100	PI/2 BPSK	135	0		24.63		25.20
100	PI/2 BPSK	135	69		24.99		25.70
100	PI/2 BPSK	135	138		24.77		25.20
100	PI/2 BPSK	270	0		24.78		25.20
100	QPSK	1	1		25.10		25.70
100	QPSK	1	137		24.87		25.70
100	QPSK	1	271		24.88		25.70
100	QPSK	135	0		24.10		24.70
100	QPSK	135	69		24.84		25.70
100	QPSK	135	138		24.23		24.70
100	QPSK	270	0		24.39		24.70
100	16QAM	1	1		24.18		24.70
100	64QAM	1	1		22.60		23.20
100	256QAM	1	1		20.60		21.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	25.15	25.17	25.16	25.70
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	25.10	25.04	25.07	25.70
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	25.02	25.09	25.10	25.70
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	25.06	25.06	25.03	25.70
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	25.07	25.03	25.03	25.70
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	25.02	25.13	25.12	25.70
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	25.10	25.04	25.01	25.70
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	25.05	25.14	25.14	25.70
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	25.04	25.12	25.08	25.70
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	25.14	25.04	25.04	25.70
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	25.10	25.16	25.11	25.70

【FR1 n77 (27O)_FCC_Part 27O (3700~3980MHz)_Ant

5_Default】

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	25.21	25.28	25.25	25.70
100	PI/2 BPSK	1	137	24.51	24.71	24.59	25.70
100	PI/2 BPSK	1	271	24.57	24.69	24.61	25.70
100	PI/2 BPSK	135	0	24.79	24.88	24.77	25.20
100	PI/2 BPSK	135	69	24.99	25.17	25.00	25.70

100	PI/2 BPSK	135	138	24.51	24.68	24.56	25.20
100	PI/2 BPSK	270	0	24.75	24.85	24.78	25.20
100	QPSK	1	1	24.76	24.88	24.80	25.70
100	QPSK	1	137	24.49	24.64	24.59	25.70
100	QPSK	1	271	24.49	24.65	24.58	25.70
100	QPSK	135	0	24.03	24.23	24.17	24.70
100	QPSK	135	69	24.55	24.70	24.57	25.70
100	QPSK	135	138	24.15	24.29	24.24	24.70
100	QPSK	270	0	24.10	24.28	24.18	24.70
100	16QAM	1	1	24.09	24.20	24.15	24.70
100	64QAM	1	1	22.65	22.77	22.59	23.20
100	256QAM	1	1	20.74	20.86	20.73	21.20
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	25.20	25.15	25.20	25.70
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	25.12	25.26	25.18	25.70
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	25.17	25.18	25.15	25.70
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	25.18	25.14	25.12	25.70
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	25.07	25.23	25.22	25.70
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	25.18	25.26	25.15	25.70
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	25.11	25.19	25.11	25.70
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	25.18	25.15	25.11	25.70
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	25.19	25.23	25.21	25.70
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	25.18	25.22	25.18	25.70
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	25.14	25.24	25.23	25.70

【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant

5_default】

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		19.68		21.10
100	PI/2 BPSK	1	137		19.47		21.10
100	PI/2 BPSK	1	271		19.26		21.10
100	PI/2 BPSK	135	0		18.95		20.60
100	PI/2 BPSK	135	69		19.63		21.10
100	PI/2 BPSK	135	138		18.86		20.60
100	PI/2 BPSK	270	0		18.82		20.60
100	QPSK	1	1		19.56		21.10
100	QPSK	1	137		19.37		21.10
100	QPSK	1	271		19.29		21.10
100	QPSK	135	0		18.45		20.10
100	QPSK	135	69		19.36		21.10
100	QPSK	135	138		18.30		20.10
100	QPSK	270	0		18.34		20.10
100	16QAM	1	1		18.46		20.10
100	64QAM	1	1		17.03		18.60
100	256QAM	1	1		15.09		16.60
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	19.60	19.63	19.62	21.10
Channel				632668	633332	634000	Tune-up limit

	Frequency (MHz)			3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	19.52	19.52	19.59	21.10
	Channel			632334	633332	634332	Tune-up limit
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	19.51	19.52	19.52	21.10
	Channel			632000	633332	634666	Tune-up limit
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	19.45	19.52	19.50	21.10
	Channel			631668	633332	635000	Tune-up limit
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	19.50	19.53	19.48	21.10
	Channel			631334	633332	635332	Tune-up limit
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	19.55	19.57	19.50	21.10
	Channel			631000	633332	635666	Tune-up limit
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	19.46	19.61	19.50	21.10
	Channel			630834	633332	635832	Tune-up limit
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	19.46	19.56	19.57	21.10
	Channel			630668	633332	636000	Tune-up limit
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	19.58	19.59	19.51	21.10
	Channel			630500	633332	636166	Tune-up limit
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	19.50	19.61	19.49	21.10
	Channel			630334	633332	636332	Tune-up limit
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	19.54	19.52	19.54	21.10

【FR1 n77 (270)___FCC_Part 270 (3700~3980MHz)_Ant

5_default】

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	19.45	19.46	18.99	21.00
100	PI/2 BPSK	1	137	19.18	19.23	18.73	21.00
100	PI/2 BPSK	1	271	18.95	18.98	18.49	21.00
100	PI/2 BPSK	135	0	18.73	18.85	18.35	20.50
100	PI/2 BPSK	135	69	19.15	19.18	18.61	21.00
100	PI/2 BPSK	135	138	18.48	18.53	17.96	20.50
100	PI/2 BPSK	270	0	18.84	18.96	18.39	20.50
100	QPSK	1	1	19.61	19.64	19.15	21.00
100	QPSK	1	137	18.92	19.05	18.51	21.00
100	QPSK	1	271	18.79	18.95	18.42	21.00
100	QPSK	135	0	18.22	18.36	17.83	20.00
100	QPSK	135	69	18.97	19.09	18.53	21.00
100	QPSK	135	138	17.90	18.02	17.47	20.00
100	QPSK	270	0	18.12	18.21	17.65	20.00
100	16QAM	1	1	18.48	18.58	18.08	20.00
100	64QAM	1	1	17.03	17.08	16.53	18.50
100	256QAM	1	1	15.10	15.16	14.69	16.50
	Channel			649668	656000	662332	Tune-up limit
	Frequency (MHz)			3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	19.42	19.42	18.96	21.00
	Channel			649334	656000	662666	Tune-up limit
	Frequency (MHz)			3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	19.31	19.44	18.86	21.00
	Channel			649000	656000	663000	Tune-up limit
	Frequency (MHz)			3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	19.43	19.37	18.88	21.00
	Channel			648668	656000	663332	Tune-up limit
	Frequency (MHz)			3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	19.32	19.38	18.87	21.00
	Channel			648334	656000	663666	Tune-up limit
	Frequency (MHz)			3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	19.44	19.35	18.87	21.00
	Channel			648000	656000	664000	Tune-up limit
	Frequency (MHz)			3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	19.44	19.43	18.91	21.00
	Channel			647668	656000	664332	Tune-up limit
	Frequency (MHz)			3715.02	3840	3964.98	(dBm)

30	PI/2 BPSK	1	1	19.31	19.43	18.93	21.00
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	19.30	19.43	18.88	21.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	19.42	19.40	18.88	21.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	19.35	19.39	18.93	21.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	19.41	19.35	18.86	21.00

【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_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					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		17.30		17.70
100	PI/2 BPSK	1	137		17.24		17.70
100	PI/2 BPSK	1	271		17.24		17.70
100	PI/2 BPSK	135	0		17.17		17.70
100	PI/2 BPSK	135	69		17.28		17.70
100	PI/2 BPSK	135	138		17.20		17.70
100	PI/2 BPSK	270	0		17.22		17.70
100	QPSK	1	1		17.28		17.70
100	QPSK	1	137		17.22		17.70
100	QPSK	1	271		17.19		17.70
100	QPSK	135	0		17.19		17.70
100	QPSK	135	69		17.25		17.70
100	QPSK	135	138		17.20		17.70
100	QPSK	270	0		17.16		17.70
100	16QAM	1	1		17.18		17.70
100	64QAM	1	1		17.18		17.70
100	256QAM	1	1		17.23		17.70
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	17.25	17.29	17.21	17.70
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	17.21	17.23	17.12	17.70
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	17.15	17.21	17.07	17.70
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	17.17	17.17	17.19	17.70
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	17.21	17.21	17.13	17.70
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	17.17	17.20	17.20	17.70
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	17.23	17.27	17.08	17.70
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	17.16	17.17	17.06	17.70
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	17.17	17.24	17.13	17.70
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	17.22	17.15	17.20	17.70
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	17.21	17.17	17.15	17.70

【FR1 n77 (270)___FCC_Part 270 (3700~3980MHz)_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				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	17.25	17.28	17.19	17.70
100	PI/2 BPSK	1	137	17.10	17.22	17.10	17.70
100	PI/2 BPSK	1	271	17.04	17.17	17.00	17.70
100	PI/2 BPSK	135	0	17.16	17.20	17.07	17.70
100	PI/2 BPSK	135	69	17.18	17.26	17.19	17.70
100	PI/2 BPSK	135	138	17.12	17.22	17.01	17.70
100	PI/2 BPSK	270	0	17.12	17.21	17.10	17.70
100	QPSK	1	1	17.02	17.18	17.03	17.70
100	QPSK	1	137	17.00	17.17	17.00	17.70
100	QPSK	1	271	17.10	17.22	17.01	17.70
100	QPSK	135	0	17.17	17.21	17.06	17.70
100	QPSK	135	69	17.12	17.21	17.07	17.70
100	QPSK	135	138	17.13	17.26	17.10	17.70
100	QPSK	270	0	17.08	17.21	17.09	17.70
100	16QAM	1	1	17.10	17.16	16.95	17.70
100	64QAM	1	1	17.10	17.20	16.96	17.70
100	256QAM	1	1	17.12	17.19	17.01	17.70
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	17.22	17.18	17.04	17.70
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	17.20	17.21	17.05	17.70
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	17.23	17.20	17.07	17.70
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	17.13	17.17	17.10	17.70
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	17.15	17.25	17.06	17.70
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	17.19	17.16	17.13	17.70
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	17.20	17.20	17.10	17.70
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	17.22	17.24	17.10	17.70
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	17.23	17.14	17.17	17.70
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	17.10	17.22	17.14	17.70
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	17.13	17.18	17.08	17.70

【FR1 n77 (27Q)___FCC_Part 27Q (3450~3550MHz)_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					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		17.11		18.50
100	PI/2 BPSK	1	137		17.05		18.50
100	PI/2 BPSK	1	271		16.97		18.50
100	PI/2 BPSK	135	0		17.08		18.50
100	PI/2 BPSK	135	69		17.09		18.50
100	PI/2 BPSK	135	138		17.01		18.50
100	PI/2 BPSK	270	0		17.08		18.50

100	QPSK	1	1		16.98		18.50
100	QPSK	1	137		17.00		18.50
100	QPSK	1	271		17.08		18.50
100	QPSK	135	0		17.00		18.50
100	QPSK	135	69		16.98		18.50
100	QPSK	135	138		17.01		18.50
100	QPSK	270	0		17.07		18.50
100	16QAM	1	1		17.02		18.50
100	64QAM	1	1		17.06		18.50
100	256QAM	1	1		15.09		16.60
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	17.02	17.05	17.03	18.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	16.89	16.92	16.94	18.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	16.96	16.96	16.98	18.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	16.92	16.94	16.99	18.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	16.90	17.04	16.90	18.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	16.99	16.98	16.94	18.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	16.95	17.01	16.99	18.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	16.92	17.00	16.97	18.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	17.00	16.91	16.97	18.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	16.90	16.96	16.97	18.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	16.93	16.92	17.01	18.50

【FR1 n77 (270)___FCC_Part 270 (3700~3980MHz)_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				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	17.05	17.13	17.09	18.50
100	PI/2 BPSK	1	137	16.97	17.10	16.95	18.50
100	PI/2 BPSK	1	271	16.94	17.03	16.93	18.50
100	PI/2 BPSK	135	0	16.93	17.06	16.96	18.50
100	PI/2 BPSK	135	69	17.02	17.11	16.98	18.50
100	PI/2 BPSK	135	138	16.85	17.05	16.92	18.50
100	PI/2 BPSK	270	0	16.91	17.09	16.99	18.50
100	QPSK	1	1	16.96	17.12	16.95	18.50
100	QPSK	1	137	16.89	17.08	16.91	18.50
100	QPSK	1	271	17.02	17.14	17.08	18.50
100	QPSK	135	0	16.88	17.10	16.92	18.50
100	QPSK	135	69	16.98	17.12	16.99	18.50
100	QPSK	135	138	16.85	17.05	16.99	18.50
100	QPSK	270	0	16.90	17.09	16.97	18.50
100	16QAM	1	1	16.94	17.04	16.97	18.50
100	64QAM	1	1	16.96	17.10	17.00	18.50
100	256QAM	1	1	15.10	15.16	14.69	16.50
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	16.91	16.99	17.01	18.50
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	17.00	17.06	16.98	18.50

	Channel			649000	656000	663000	Tune-up limit
	Frequency (MHz)			3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	16.97	17.05	16.95	18.50
	Channel			648668	656000	663332	Tune-up limit
	Frequency (MHz)			3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	16.96	17.06	16.99	18.50
	Channel			648334	656000	663666	Tune-up limit
	Frequency (MHz)			3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	16.97	17.10	16.98	18.50
	Channel			648000	656000	664000	Tune-up limit
	Frequency (MHz)			3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	17.02	17.10	16.94	18.50
	Channel			647668	656000	664332	Tune-up limit
	Frequency (MHz)			3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	16.96	17.02	17.06	18.50
	Channel			647500	656000	664500	Tune-up limit
	Frequency (MHz)			3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	16.91	17.05	16.98	18.50
	Channel			647334	656000	664666	Tune-up limit
	Frequency (MHz)			3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	17.03	17.01	17.07	18.50
	Channel			647168	656000	664832	Tune-up limit
	Frequency (MHz)			3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	16.93	17.01	16.94	18.50
	Channel			647000	656000	665000	Tune-up limit
	Frequency (MHz)			3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	17.03	17.01	17.04	18.50

【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_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				633332		
	Frequency (MHz)				3499.98		
100	PI/2 BPSK	1	1		18.74		19.20
100	PI/2 BPSK	1	137		18.62		19.20
100	PI/2 BPSK	1	271		18.63		19.20
100	PI/2 BPSK	135	0		18.62		19.20
100	PI/2 BPSK	135	69		18.71		19.20
100	PI/2 BPSK	135	138		18.64		19.20
100	PI/2 BPSK	270	0		18.64		19.20
100	QPSK	1	1		18.72		19.20
100	QPSK	1	137		18.62		19.20
100	QPSK	1	271		18.66		19.20
100	QPSK	135	0		18.64		19.20
100	QPSK	135	69		18.67		19.20
100	QPSK	135	138		18.64		19.20
100	QPSK	270	0		18.62		19.20
100	16QAM	1	1		18.68		19.20
100	64QAM	1	1		18.67		19.20
100	256QAM	1	1		18.69		19.20
	Channel			633000	633332	633666	Tune-up limit
	Frequency (MHz)			3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	18.64	18.65	18.61	19.20
	Channel			632668	633332	634000	Tune-up limit
	Frequency (MHz)			3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	18.52	18.53	18.51	19.20
	Channel			632334	633332	634332	Tune-up limit
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	18.51	18.56	18.53	19.20
	Channel			632000	633332	634666	Tune-up limit
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	18.60	18.63	18.58	19.20
	Channel			631668	633332	635000	Tune-up limit
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	18.61	18.50	18.46	19.20
	Channel			631334	633332	635332	Tune-up limit
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	18.54	18.62	18.52	19.20
	Channel			631000	633332	635666	Tune-up limit
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	18.61	18.57	18.53	19.20
	Channel			630834	633332	635832	Tune-up limit

	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	18.54	18.61	18.58	19.20
	Channel			630668	633332	636000	Tune-up limit
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	18.61	18.53	18.46	19.20
	Channel			630500	633332	636166	Tune-up limit
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	18.57	18.50	18.47	19.20
	Channel			630334	633332	636332	Tune-up limit
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	18.60	18.52	18.46	19.20

【FR1 n77 (270)_FCC_Part 270 (3700~3980MHz)_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			650000	656000	662000	
	Frequency (MHz)			3750	3840	3930	
100	PI/2 BPSK	1	1	18.64	18.73	18.71	19.20
100	PI/2 BPSK	1	137	18.40	18.64	18.57	19.20
100	PI/2 BPSK	1	271	18.55	18.67	18.61	19.20
100	PI/2 BPSK	135	0	18.53	18.65	18.50	19.20
100	PI/2 BPSK	135	69	18.57	18.71	18.64	19.20
100	PI/2 BPSK	135	138	18.48	18.65	18.54	19.20
100	PI/2 BPSK	270	0	18.58	18.70	18.66	19.20
100	QPSK	1	1	18.45	18.68	18.55	19.20
100	QPSK	1	137	18.50	18.70	18.57	19.20
100	QPSK	1	271	18.51	18.64	18.60	19.20
100	QPSK	135	0	18.47	18.63	18.53	19.20
100	QPSK	135	69	18.58	18.68	18.56	19.20
100	QPSK	135	138	18.39	18.62	18.54	19.20
100	QPSK	270	0	18.56	18.72	18.59	19.20
100	16QAM	1	1	18.51	18.68	18.58	19.20
100	64QAM	1	1	18.53	18.67	18.61	19.20
100	256QAM	1	1	18.42	18.62	18.47	19.20
	Channel			649668	656000	662332	Tune-up limit
	Frequency (MHz)			3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	18.63	18.68	18.62	19.20
	Channel			649334	656000	662666	Tune-up limit
	Frequency (MHz)			3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	18.60	18.67	18.64	19.20
	Channel			649000	656000	663000	Tune-up limit
	Frequency (MHz)			3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	18.60	18.68	18.60	19.20
	Channel			648668	656000	663332	Tune-up limit
	Frequency (MHz)			3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	18.55	18.64	18.58	19.20
	Channel			648334	656000	663666	Tune-up limit
	Frequency (MHz)			3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	18.59	18.63	18.57	19.20
	Channel			648000	656000	664000	Tune-up limit
	Frequency (MHz)			3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	18.56	18.62	18.67	19.20
	Channel			647668	656000	664332	Tune-up limit
	Frequency (MHz)			3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	18.55	18.61	18.57	19.20
	Channel			647500	656000	664500	Tune-up limit
	Frequency (MHz)			3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	18.59	18.67	18.68	19.20
	Channel			647334	656000	664666	Tune-up limit
	Frequency (MHz)			3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	18.58	18.63	18.68	19.20
	Channel			647168	656000	664832	Tune-up limit
	Frequency (MHz)			3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	18.60	18.60	18.69	19.20
	Channel			647000	656000	665000	Tune-up limit
	Frequency (MHz)			3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	18.58	18.60	18.65	19.20

【FR1 n77 (27Q)___FCC_Part 27Q (3450~3550MHz)_Ant 5_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		18.59		20.00
100	PI/2 BPSK	1	137		18.46		20.00
100	PI/2 BPSK	1	271		18.57		20.00
100	PI/2 BPSK	135	0		18.56		20.00
100	PI/2 BPSK	135	69		18.57		20.00
100	PI/2 BPSK	135	138		18.55		20.00
100	PI/2 BPSK	270	0		18.53		20.00
100	QPSK	1	1		18.55		20.00
100	QPSK	1	137		18.57		20.00
100	QPSK	1	271		18.54		20.00
100	QPSK	135	0		18.53		20.00
100	QPSK	135	69		18.53		20.00
100	QPSK	135	138		18.48		20.00
100	QPSK	270	0		18.49		20.00
100	16QAM	1	1		18.52		20.00
100	64QAM	1	1		17.03		18.60
100	256QAM	1	1		15.09		16.60
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	18.52	18.57	18.56	20.00
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	18.38	18.55	18.43	20.00
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	18.37	18.49	18.53	20.00
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	18.50	18.44	18.49	20.00
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	18.39	18.42	18.52	20.00
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	18.48	18.44	18.47	20.00
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	18.41	18.46	18.51	20.00
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	18.49	18.47	18.55	20.00
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	18.49	18.45	18.41	20.00
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	18.50	18.46	18.43	20.00
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	18.40	18.52	18.48	20.00

【FR1 n77 (27Q)___FCC_Part 27Q (3700~3980MHz)_Ant 5_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	18.54	18.59	18.49	20.00
100	PI/2 BPSK	1	137	18.43	18.52	18.30	20.00
100	PI/2 BPSK	1	271	18.42	18.57	18.44	20.00
100	PI/2 BPSK	135	0	18.32	18.52	18.39	20.00
100	PI/2 BPSK	135	69	18.47	18.56	18.51	20.00
100	PI/2 BPSK	135	138	18.36	18.48	18.33	20.00
100	PI/2 BPSK	270	0	18.41	18.51	18.26	20.00

100	QPSK	1	1	18.38	18.56	18.34	20.00
100	QPSK	1	137	18.34	18.48	18.27	20.00
100	QPSK	1	271	18.42	18.52	18.34	20.00
100	QPSK	135	0	18.40	18.58	18.43	20.00
100	QPSK	135	69	18.40	18.46	18.32	20.00
100	QPSK	135	138	18.41	18.48	18.28	20.00
100	QPSK	270	0	18.38	18.51	18.31	20.00
100	16QAM	1	1	18.28	18.47	18.23	20.00
100	64QAM	1	1	17.03	17.08	16.53	18.50
100	256QAM	1	1	15.10	15.16	14.69	16.50
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	18.49	18.46	18.45	20.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	18.46	18.45	18.41	20.00
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	18.52	18.44	18.37	20.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	18.43	18.52	18.43	20.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	18.43	18.52	18.42	20.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	18.52	18.46	18.39	20.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	18.50	18.44	18.38	20.00
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	18.46	18.46	18.36	20.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	18.40	18.46	18.36	20.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	18.52	18.49	18.34	20.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	18.40	18.46	18.39	20.00

【FR1 n77 (27Q)___FCC_Part 27Q (3450~3550MHz)_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					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		18.74		19.20
100	PI/2 BPSK	1	137		18.62		19.20
100	PI/2 BPSK	1	271		18.63		19.20
100	PI/2 BPSK	135	0		18.62		19.20
100	PI/2 BPSK	135	69		18.71		19.20
100	PI/2 BPSK	135	138		18.64		19.20
100	PI/2 BPSK	270	0		18.64		19.20
100	QPSK	1	1		18.72		19.20
100	QPSK	1	137		18.62		19.20
100	QPSK	1	271		18.66		19.20
100	QPSK	135	0		18.64		19.20
100	QPSK	135	69		18.67		19.20
100	QPSK	135	138		18.64		19.20
100	QPSK	270	0		18.62		19.20
100	16QAM	1	1		18.68		19.20
100	64QAM	1	1		18.67		19.20
100	256QAM	1	1		18.69		19.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	18.64	18.65	18.61	19.20
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	18.52	18.53	18.51	19.20

Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	18.51	18.56	18.53	19.20
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	18.60	18.63	18.58	19.20
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	18.61	18.50	18.46	19.20
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	18.54	18.62	18.52	19.20
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	18.61	18.57	18.53	19.20
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	18.54	18.61	18.58	19.20
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	18.61	18.53	18.46	19.20
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	18.57	18.50	18.47	19.20
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	18.60	18.52	18.46	19.20

【FR1 n77 (270)_FCC_Part 270 (3700~3980MHz)_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				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	18.64	18.73	18.71	19.20
100	PI/2 BPSK	1	137	18.40	18.64	18.57	19.20
100	PI/2 BPSK	1	271	18.55	18.67	18.61	19.20
100	PI/2 BPSK	135	0	18.53	18.65	18.50	19.20
100	PI/2 BPSK	135	69	18.57	18.71	18.64	19.20
100	PI/2 BPSK	135	138	18.48	18.65	18.54	19.20
100	PI/2 BPSK	270	0	18.58	18.70	18.66	19.20
100	QPSK	1	1	18.45	18.68	18.55	19.20
100	QPSK	1	137	18.50	18.70	18.57	19.20
100	QPSK	1	271	18.51	18.64	18.60	19.20
100	QPSK	135	0	18.47	18.63	18.53	19.20
100	QPSK	135	69	18.58	18.68	18.56	19.20
100	QPSK	135	138	18.39	18.62	18.54	19.20
100	QPSK	270	0	18.56	18.72	18.59	19.20
100	16QAM	1	1	18.51	18.68	18.58	19.20
100	64QAM	1	1	18.53	18.67	18.61	19.20
100	256QAM	1	1	18.42	18.62	18.47	19.20
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	18.63	18.68	18.62	19.20
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	18.60	18.67	18.64	19.20
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	18.60	18.68	18.60	19.20
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	18.55	18.64	18.58	19.20
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	18.59	18.63	18.57	19.20
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	18.56	18.62	18.67	19.20
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	18.55	18.61	18.57	19.20
Channel				647500	656000	664500	Tune-up limit

	Frequency (MHz)			3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	18.59	18.67	18.68	19.20
	Channel			647334	656000	664666	Tune-up limit
	Frequency (MHz)			3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	18.58	18.63	18.68	19.20
	Channel			647168	656000	664832	Tune-up limit
	Frequency (MHz)			3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	18.60	18.60	18.69	19.20
	Channel			647000	656000	665000	Tune-up limit
	Frequency (MHz)			3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	18.58	18.60	18.65	19.20

【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_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				633332		
	Frequency (MHz)				3499.98		
100	PI/2 BPSK	1	1		18.59		20.00
100	PI/2 BPSK	1	137		18.46		20.00
100	PI/2 BPSK	1	271		18.57		20.00
100	PI/2 BPSK	135	0		18.56		20.00
100	PI/2 BPSK	135	69		18.57		20.00
100	PI/2 BPSK	135	138		18.55		20.00
100	PI/2 BPSK	270	0		18.53		20.00
100	QPSK	1	1		18.55		20.00
100	QPSK	1	137		18.57		20.00
100	QPSK	1	271		18.54		20.00
100	QPSK	135	0		18.53		20.00
100	QPSK	135	69		18.53		20.00
100	QPSK	135	138		18.48		20.00
100	QPSK	270	0		18.49		20.00
100	16QAM	1	1		18.52		20.00
100	64QAM	1	1		17.03		18.60
100	256QAM	1	1		15.09		16.60
	Channel			633000	633332	633666	Tune-up limit
	Frequency (MHz)			3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	18.52	18.57	18.56	20.00
	Channel			632668	633332	634000	Tune-up limit
	Frequency (MHz)			3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	18.38	18.55	18.43	20.00
	Channel			632334	633332	634332	Tune-up limit
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	18.37	18.49	18.53	20.00
	Channel			632000	633332	634666	Tune-up limit
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	18.50	18.44	18.49	20.00
	Channel			631668	633332	635000	Tune-up limit
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	18.39	18.42	18.52	20.00
	Channel			631334	633332	635332	Tune-up limit
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	18.48	18.44	18.47	20.00
	Channel			631000	633332	635666	Tune-up limit
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	18.41	18.46	18.51	20.00
	Channel			630834	633332	635832	Tune-up limit
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	18.49	18.47	18.55	20.00
	Channel			630668	633332	636000	Tune-up limit
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	18.49	18.45	18.41	20.00
	Channel			630500	633332	636166	Tune-up limit
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	18.50	18.46	18.43	20.00
	Channel			630334	633332	636332	Tune-up limit
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	18.40	18.52	18.48	20.00

【FR1 n77 (270)___FCC_Part 270 (3700~3980MHz)_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				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	18.54	18.59	18.49	20.00
100	PI/2 BPSK	1	137	18.43	18.52	18.30	20.00
100	PI/2 BPSK	1	271	18.42	18.57	18.44	20.00
100	PI/2 BPSK	135	0	18.32	18.52	18.39	20.00
100	PI/2 BPSK	135	69	18.47	18.56	18.51	20.00
100	PI/2 BPSK	135	138	18.36	18.48	18.33	20.00
100	PI/2 BPSK	270	0	18.41	18.51	18.26	20.00
100	QPSK	1	1	18.38	18.56	18.34	20.00
100	QPSK	1	137	18.34	18.48	18.27	20.00
100	QPSK	1	271	18.42	18.52	18.34	20.00
100	QPSK	135	0	18.40	18.58	18.43	20.00
100	QPSK	135	69	18.40	18.46	18.32	20.00
100	QPSK	135	138	18.41	18.48	18.28	20.00
100	QPSK	270	0	18.38	18.51	18.31	20.00
100	16QAM	1	1	18.28	18.47	18.23	20.00
100	64QAM	1	1	17.03	17.08	16.53	18.50
100	256QAM	1	1	15.10	15.16	14.69	16.50
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	18.49	18.46	18.45	20.00
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	18.46	18.45	18.41	20.00
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	18.52	18.44	18.37	20.00
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	18.43	18.52	18.43	20.00
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	18.43	18.52	18.42	20.00
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	18.52	18.46	18.39	20.00
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	18.50	18.44	18.38	20.00
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	18.46	18.46	18.36	20.00
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	18.40	18.46	18.36	20.00
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	18.52	18.49	18.34	20.00
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	18.40	18.46	18.39	20.00

【FR1 n77 (27Q)___FCC_Part 27Q (3450~3550MHz)_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					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		17.30		17.70
100	PI/2 BPSK	1	137		17.24		17.70
100	PI/2 BPSK	1	271		17.24		17.70
100	PI/2 BPSK	135	0		17.17		17.70
100	PI/2 BPSK	135	69		17.28		17.70
100	PI/2 BPSK	135	138		17.20		17.70

100	PI/2 BPSK	270	0		17.22		17.70
100	QPSK	1	1		17.28		17.70
100	QPSK	1	137		17.22		17.70
100	QPSK	1	271		17.19		17.70
100	QPSK	135	0		17.19		17.70
100	QPSK	135	69		17.25		17.70
100	QPSK	135	138		17.20		17.70
100	QPSK	270	0		17.16		17.70
100	16QAM	1	1		17.18		17.70
100	64QAM	1	1		17.18		17.70
100	256QAM	1	1		17.23		17.70
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	17.25	17.29	17.21	17.70
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	17.21	17.23	17.12	17.70
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	17.15	17.21	17.07	17.70
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	17.17	17.17	17.19	17.70
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	17.21	17.21	17.13	17.70
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	17.17	17.20	17.20	17.70
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	17.23	17.27	17.08	17.70
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	17.16	17.17	17.06	17.70
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	17.17	17.24	17.13	17.70
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	17.22	17.15	17.20	17.70
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	17.21	17.17	17.15	17.70

【FR1 n77 (270)_FCC_Part 270 (3700~3980MHz)_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				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	17.25	17.28	17.19	17.70
100	PI/2 BPSK	1	137	17.10	17.22	17.10	17.70
100	PI/2 BPSK	1	271	17.04	17.17	17.00	17.70
100	PI/2 BPSK	135	0	17.16	17.20	17.07	17.70
100	PI/2 BPSK	135	69	17.18	17.26	17.19	17.70
100	PI/2 BPSK	135	138	17.12	17.22	17.01	17.70
100	PI/2 BPSK	270	0	17.12	17.21	17.10	17.70
100	QPSK	1	1	17.02	17.18	17.03	17.70
100	QPSK	1	137	17.00	17.17	17.00	17.70
100	QPSK	1	271	17.10	17.22	17.01	17.70
100	QPSK	135	0	17.17	17.21	17.06	17.70
100	QPSK	135	69	17.12	17.21	17.07	17.70
100	QPSK	135	138	17.13	17.26	17.10	17.70
100	QPSK	270	0	17.08	17.21	17.09	17.70
100	16QAM	1	1	17.10	17.16	16.95	17.70
100	64QAM	1	1	17.10	17.20	16.96	17.70
100	256QAM	1	1	17.12	17.19	17.01	17.70
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	17.22	17.18	17.04	17.70
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)

80	PI/2 BPSK	1	1	17.20	17.21	17.05	17.70
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	17.23	17.20	17.07	17.70
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	17.13	17.17	17.10	17.70
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	17.15	17.25	17.06	17.70
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	17.19	17.16	17.13	17.70
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	17.20	17.20	17.10	17.70
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	17.22	17.24	17.10	17.70
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	17.23	17.14	17.17	17.70
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	17.10	17.22	17.14	17.70
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	17.13	17.18	17.08	17.70

【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_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					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		17.11		18.50
100	PI/2 BPSK	1	137		17.05		18.50
100	PI/2 BPSK	1	271		16.97		18.50
100	PI/2 BPSK	135	0		17.08		18.50
100	PI/2 BPSK	135	69		17.09		18.50
100	PI/2 BPSK	135	138		17.01		18.50
100	PI/2 BPSK	270	0		17.08		18.50
100	QPSK	1	1		16.98		18.50
100	QPSK	1	137		17.00		18.50
100	QPSK	1	271		17.08		18.50
100	QPSK	135	0		17.00		18.50
100	QPSK	135	69		16.98		18.50
100	QPSK	135	138		17.01		18.50
100	QPSK	270	0		17.07		18.50
100	16QAM	1	1		17.02		18.50
100	64QAM	1	1		17.06		18.50
100	256QAM	1	1		15.09		16.60
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	17.02	17.05	17.03	18.50
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	16.89	16.92	16.94	18.50
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	16.96	16.96	16.98	18.50
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	16.92	16.94	16.99	18.50
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	16.90	17.04	16.90	18.50
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	16.99	16.98	16.94	18.50
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	16.95	17.01	16.99	18.50

Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	16.92	17.00	16.97	18.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	17.00	16.91	16.97	18.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	16.90	16.96	16.97	18.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	16.93	16.92	17.01	18.50

【FR1 n77 (270)_FCC_Part 270 (3700~3980MHz)_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				650000	656000	662000	Tune-up limit
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	17.05	17.13	17.09	18.50
100	PI/2 BPSK	1	137	16.97	17.10	16.95	18.50
100	PI/2 BPSK	1	271	16.94	17.03	16.93	18.50
100	PI/2 BPSK	135	0	16.93	17.06	16.96	18.50
100	PI/2 BPSK	135	69	17.02	17.11	16.98	18.50
100	PI/2 BPSK	135	138	16.85	17.05	16.92	18.50
100	PI/2 BPSK	270	0	16.91	17.09	16.99	18.50
100	QPSK	1	1	16.96	17.12	16.95	18.50
100	QPSK	1	137	16.89	17.08	16.91	18.50
100	QPSK	1	271	17.02	17.14	17.08	18.50
100	QPSK	135	0	16.88	17.10	16.92	18.50
100	QPSK	135	69	16.98	17.12	16.99	18.50
100	QPSK	135	138	16.85	17.05	16.99	18.50
100	QPSK	270	0	16.90	17.09	16.97	18.50
100	16QAM	1	1	16.94	17.04	16.97	18.50
100	64QAM	1	1	16.96	17.10	17.00	18.50
100	256QAM	1	1	15.10	15.16	14.69	16.50
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	16.91	16.99	17.01	18.50
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	17.00	17.06	16.98	18.50
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	16.97	17.05	16.95	18.50
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	16.96	17.06	16.99	18.50
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	16.97	17.10	16.98	18.50
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	17.02	17.10	16.94	18.50
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	16.96	17.02	17.06	18.50
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	16.91	17.05	16.98	18.50
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	17.03	17.01	17.07	18.50
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	16.93	17.01	16.94	18.50
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	17.03	17.01	17.04	18.50

【FR1 n77 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_Ant 5_Default】

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		27.06		28.50
100	PI/2 BPSK	1	137		26.83		28.50
100	PI/2 BPSK	1	271		26.85		28.50
100	PI/2 BPSK	135	0		26.42		28.00
100	PI/2 BPSK	135	69		26.92		28.50
100	PI/2 BPSK	135	138		26.33		28.00
100	PI/2 BPSK	270	0		26.36		28.00
100	QPSK	1	1		26.84		28.50
100	QPSK	1	137		26.81		28.50
100	QPSK	1	271		26.72		28.50
100	QPSK	135	0		25.86		27.50
100	QPSK	135	69		26.77		28.50
100	QPSK	135	138		25.73		27.50
100	QPSK	270	0		25.80		27.50
100	16QAM	1	1		25.83		27.50
100	64QAM	1	1		24.09		26.00
100	256QAM	1	1		22.01		24.00
Channel				633000	633332	633666	
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	26.98	27.03	26.99	28.50
Channel				632668	633332	634000	
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	26.88	26.88	26.93	28.50
Channel				632334	633332	634332	
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	26.84	26.99	26.88	28.50
Channel				632000	633332	634666	
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	26.90	27.02	26.88	28.50
Channel				631668	633332	635000	
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	26.93	27.01	26.91	28.50
Channel				631334	633332	635332	
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	26.91	26.95	26.84	28.50
Channel				631000	633332	635666	
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	26.92	26.97	26.87	28.50
Channel				630834	633332	635832	
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	26.91	26.89	26.92	28.50
Channel				630668	633332	636000	
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	26.96	27.02	26.96	28.50
Channel				630500	633332	636166	
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	26.84	26.96	26.90	28.50
Channel				630334	633332	636332	
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	26.95	26.99	26.86	28.50

【FR1 n77 (27O)_FCC_Part 27O

(3700~3980MHz)_HPUE_Ant 5_Default】

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	26.78	26.85	26.81	28.50
100	PI/2 BPSK	1	137	26.50	26.61	26.52	28.50
100	PI/2 BPSK	1	271	26.44	26.62	26.57	28.50
100	PI/2 BPSK	135	0	26.13	26.29	26.14	28.00
100	PI/2 BPSK	135	69	26.49	26.67	26.56	28.50
100	PI/2 BPSK	135	138	26.02	26.18	26.12	28.00
100	PI/2 BPSK	270	0	26.10	26.19	26.02	28.00

100	QPSK	1	1	26.69	26.80	26.69	28.50
100	QPSK	1	137	26.33	26.55	26.45	28.50
100	QPSK	1	271	26.56	26.69	26.55	28.50
100	QPSK	135	0	25.43	25.65	25.51	27.50
100	QPSK	135	69	26.46	26.60	26.43	28.50
100	QPSK	135	138	25.52	25.63	25.58	27.50
100	QPSK	270	0	25.58	25.74	25.60	27.50
100	16QAM	1	1	25.59	25.78	25.71	27.50
100	64QAM	1	1	23.63	23.83	23.74	26.00
100	256QAM	1	1	21.53	21.73	21.66	24.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	26.71	26.76	26.78	28.50
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	26.73	26.75	26.70	28.50
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	26.66	26.76	26.73	28.50
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	26.66	26.72	26.75	28.50
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	26.77	26.75	26.71	28.50
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	26.69	26.74	26.70	28.50
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	26.66	26.74	26.75	28.50
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	26.75	26.79	26.68	28.50
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	26.69	26.71	26.69	28.50
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	26.66	26.74	26.66	28.50
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	26.66	26.77	26.70	28.50

【FR1 n77 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_Ant 5_default】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.71		23.10
100	PI/2 BPSK	1	137		21.54		23.10
100	PI/2 BPSK	1	271		21.29		23.10
100	PI/2 BPSK	135	0		20.94		22.60
100	PI/2 BPSK	135	69		21.39		23.10
100	PI/2 BPSK	135	138		20.83		22.60
100	PI/2 BPSK	270	0		20.95		22.60
100	QPSK	1	1		21.56		23.10
100	QPSK	1	137		21.40		23.10
100	QPSK	1	271		21.24		23.10
100	QPSK	135	0		20.42		22.10
100	QPSK	135	69		21.32		23.10
100	QPSK	135	138		20.33		22.10
100	QPSK	270	0		20.44		22.10
100	16QAM	1	1		20.46		22.10
100	64QAM	1	1		18.91		20.60
100	256QAM	1	1		16.98		18.60
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	21.66	21.68	21.64	23.10
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	21.55	21.63	21.55	23.10

Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	21.54	21.59	21.50	23.10
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	21.54	21.63	21.57	23.10
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	21.65	21.61	21.53	23.10
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	21.52	21.59	21.60	23.10
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	21.54	21.67	21.53	23.10
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	21.60	21.54	21.61	23.10
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	21.52	21.60	21.57	23.10
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	21.58	21.54	21.55	23.10
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	21.60	21.61	21.55	23.10

【FR1 n77 (270)_FCC_Part 270

(3700~3980MHz)_HPUE_Ant 5_default】

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	21.32	21.48	20.93	23.00
100	PI/2 BPSK	1	137	20.80	21.08	20.52	23.00
100	PI/2 BPSK	1	271	20.61	20.88	20.21	23.00
100	PI/2 BPSK	135	0	20.53	20.81	20.14	22.50
100	PI/2 BPSK	135	69	20.82	21.07	20.38	23.00
100	PI/2 BPSK	135	138	20.14	20.36	19.72	22.50
100	PI/2 BPSK	270	0	20.54	20.51	19.93	22.50
100	QPSK	1	1	21.23	21.51	20.91	23.00
100	QPSK	1	137	20.67	20.94	20.39	23.00
100	QPSK	1	271	20.54	20.82	20.19	23.00
100	QPSK	135	0	19.99	20.29	19.65	22.00
100	QPSK	135	69	20.72	20.95	20.32	23.00
100	QPSK	135	138	19.63	19.83	19.26	22.00
100	QPSK	270	0	20.04	20.01	19.49	22.00
100	16QAM	1	1	19.70	19.86	19.23	22.00
100	64QAM	1	1	18.35	18.62	18.08	20.50
100	256QAM	1	1	16.52	16.77	16.32	18.50
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	21.20	21.40	20.85	23.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	21.25	21.36	20.90	23.00
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	21.19	21.43	20.78	23.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	21.29	21.42	20.84	23.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	21.24	21.44	20.82	23.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	21.30	21.42	20.80	23.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	21.20	21.39	20.83	23.00
Channel				647500	656000	664500	Tune-up limit

Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	21.24	21.46	20.83	23.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	21.17	21.43	20.80	23.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	21.23	21.34	20.84	23.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	21.24	21.40	20.84	23.00

【FR1 n77 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_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					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		20.23		21.50
100	PI/2 BPSK	1	137		20.17		21.50
100	PI/2 BPSK	1	271		20.20		21.50
100	PI/2 BPSK	135	0		20.20		21.50
100	PI/2 BPSK	135	69		20.16		21.50
100	PI/2 BPSK	135	138		20.19		21.50
100	PI/2 BPSK	270	0		20.17		21.50
100	QPSK	1	1		20.13		21.50
100	QPSK	1	137		20.13		21.50
100	QPSK	1	271		20.20		21.50
100	QPSK	135	0		20.16		21.50
100	QPSK	135	69		20.20		21.50
100	QPSK	135	138		20.21		21.50
100	QPSK	270	0		20.15		21.50
100	16QAM	1	1		20.21		21.50
100	64QAM	1	1		20.12		21.50
100	256QAM	1	1		20.14		21.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	20.15	20.20	20.18	21.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	20.12	20.17	20.14	21.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	20.12	20.09	20.05	21.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	20.06	20.19	20.13	21.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	20.05	20.07	20.10	21.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	20.11	20.06	20.14	21.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	20.00	20.11	20.08	21.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	20.04	20.09	20.11	21.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	20.12	20.13	20.13	21.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	20.10	20.09	20.17	21.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	20.11	20.15	20.10	21.50

【FR1 n77 (270)_FCC_Part 270

(3700~3980MHz)_HPUE_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				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	20.25	20.31	20.28	21.50
100	PI/2 BPSK	1	137	20.16	20.25	20.18	21.50
100	PI/2 BPSK	1	271	20.07	20.26	20.13	21.50
100	PI/2 BPSK	135	0	20.07	20.24	20.11	21.50
100	PI/2 BPSK	135	69	20.13	20.18	20.15	21.50
100	PI/2 BPSK	135	138	20.05	20.24	20.11	21.50
100	PI/2 BPSK	270	0	20.04	20.25	20.20	21.50
100	QPSK	1	1	20.06	20.24	20.07	21.50
100	QPSK	1	137	20.12	20.21	20.11	21.50
100	QPSK	1	271	20.08	20.23	20.10	21.50
100	QPSK	135	0	20.08	20.25	20.17	21.50
100	QPSK	135	69	20.14	20.27	20.17	21.50
100	QPSK	135	138	20.11	20.26	20.13	21.50
100	QPSK	270	0	20.15	20.28	20.14	21.50
100	16QAM	1	1	20.11	20.24	20.15	21.50
100	64QAM	1	1	20.11	20.22	20.17	21.50
100	256QAM	1	1	20.01	20.20	20.09	21.50
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	20.24	20.25	20.14	21.50
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	20.17	20.23	20.23	21.50
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	20.21	20.27	20.27	21.50
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	20.20	20.27	20.17	21.50
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	20.21	20.26	20.17	21.50
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	20.14	20.24	20.16	21.50
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	20.19	20.26	20.14	21.50
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	20.17	20.30	20.22	21.50
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	20.13	20.23	20.27	21.50
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	20.17	20.24	20.26	21.50
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	20.16	20.29	20.21	21.50

【FR1 n77 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_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					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		20.09		21.50
100	PI/2 BPSK	1	137		19.94		21.50
100	PI/2 BPSK	1	271		20.00		21.50
100	PI/2 BPSK	135	0		19.98		21.50
100	PI/2 BPSK	135	69		19.99		21.50
100	PI/2 BPSK	135	138		19.99		21.50

100	PI/2 BPSK	270	0		20.03		21.50
100	QPSK	1	1		20.02		21.50
100	QPSK	1	137		19.97		21.50
100	QPSK	1	271		19.94		21.50
100	QPSK	135	0		19.97		21.50
100	QPSK	135	69		19.96		21.50
100	QPSK	135	138		19.95		21.50
100	QPSK	270	0		19.93		21.50
100	16QAM	1	1		19.98		21.50
100	64QAM	1	1		18.91		20.60
100	256QAM	1	1		16.98		18.60
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	20.02	20.05	20.03	21.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	19.90	19.96	19.90	21.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	19.98	20.04	19.90	21.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	19.95	20.03	19.99	21.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	19.91	20.00	19.89	21.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	19.91	19.98	19.96	21.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	20.01	20.02	19.97	21.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	19.98	19.91	20.00	21.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	19.97	20.02	19.93	21.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	20.00	19.97	19.91	21.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	19.89	19.91	19.97	21.50

【FR1 n77 (270)_FCC_Part 270

(3700~3980MHz)_HPUE_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				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	19.98	20.06	20.03	21.50
100	PI/2 BPSK	1	137	19.80	19.99	19.93	21.50
100	PI/2 BPSK	1	271	19.87	19.99	19.87	21.50
100	PI/2 BPSK	135	0	19.83	20.00	19.84	21.50
100	PI/2 BPSK	135	69	19.90	20.02	19.91	21.50
100	PI/2 BPSK	135	138	19.75	19.97	19.92	21.50
100	PI/2 BPSK	270	0	19.87	20.04	19.91	21.50
100	QPSK	1	1	19.92	20.04	19.96	21.50
100	QPSK	1	137	19.92	20.01	19.83	21.50
100	QPSK	1	271	19.83	20.03	19.90	21.50
100	QPSK	135	0	19.87	20.04	19.89	21.50
100	QPSK	135	69	19.78	20.00	19.89	21.50
100	QPSK	135	138	19.76	19.98	19.91	21.50
100	QPSK	270	0	19.91	20.04	19.88	21.50
100	16QAM	1	1	19.83	19.97	19.88	21.50
100	64QAM	1	1	18.35	18.62	18.08	20.50
100	256QAM	1	1	16.52	16.77	16.32	18.50
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	19.86	19.97	19.92	21.50
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)

80	PI/2 BPSK	1	1	19.96	20.03	20.00	21.50
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	19.84	19.96	19.97	21.50
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	19.95	19.95	19.93	21.50
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	19.92	20.02	19.99	21.50
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	19.86	20.03	19.97	21.50
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	19.92	19.92	19.94	21.50
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	19.86	19.91	19.89	21.50
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	19.84	20.01	19.99	21.50
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	19.89	20.00	20.02	21.50
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	19.86	19.95	19.94	21.50

【FR1 n77 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_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					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.73		23.00
100	PI/2 BPSK	1	137		21.72		23.00
100	PI/2 BPSK	1	271		21.65		23.00
100	PI/2 BPSK	135	0		21.63		23.00
100	PI/2 BPSK	135	69		21.64		23.00
100	PI/2 BPSK	135	138		21.67		23.00
100	PI/2 BPSK	270	0		21.67		23.00
100	QPSK	1	1		21.69		23.00
100	QPSK	1	137		21.72		23.00
100	QPSK	1	271		21.72		23.00
100	QPSK	135	0		21.64		23.00
100	QPSK	135	69		21.65		23.00
100	QPSK	135	138		21.72		23.00
100	QPSK	270	0		21.67		23.00
100	16QAM	1	1		21.67		23.00
100	64QAM	1	1		21.65		23.00
100	256QAM	1	1		21.70		23.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	21.62	21.68	21.65	23.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	21.60	21.54	21.59	23.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	21.52	21.63	21.54	23.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	21.54	21.60	21.58	23.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	21.54	21.59	21.52	23.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	21.60	21.67	21.52	23.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	21.59	21.64	21.52	23.00

Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	21.57	21.65	21.52	23.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	21.56	21.62	21.52	23.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	21.48	21.57	21.55	23.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	21.61	21.66	21.62	23.00

【FR1 n77 (270)_FCC_Part 270

(3700~3980MHz)_HPUE_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				650000	656000	662000	Tune-up limit
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	21.72	21.78	21.75	23.00
100	PI/2 BPSK	1	137	21.54	21.62	21.46	23.00
100	PI/2 BPSK	1	271	21.48	21.67	21.49	23.00
100	PI/2 BPSK	135	0	21.45	21.62	21.50	23.00
100	PI/2 BPSK	135	69	21.57	21.62	21.58	23.00
100	PI/2 BPSK	135	138	21.46	21.65	21.55	23.00
100	PI/2 BPSK	270	0	21.60	21.71	21.60	23.00
100	QPSK	1	1	21.51	21.70	21.57	23.00
100	QPSK	1	137	21.45	21.63	21.53	23.00
100	QPSK	1	271	21.51	21.72	21.66	23.00
100	QPSK	135	0	21.53	21.69	21.56	23.00
100	QPSK	135	69	21.52	21.62	21.48	23.00
100	QPSK	135	138	21.52	21.63	21.55	23.00
100	QPSK	270	0	21.58	21.73	21.63	23.00
100	16QAM	1	1	21.53	21.73	21.57	23.00
100	64QAM	1	1	21.47	21.64	21.58	23.00
100	256QAM	1	1	21.57	21.72	21.66	23.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	21.60	21.71	21.67	23.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	21.65	21.68	21.63	23.00
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	21.70	21.68	21.66	23.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	21.71	21.74	21.63	23.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	21.66	21.69	21.73	23.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	21.68	21.64	21.69	23.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	21.70	21.68	21.71	23.00
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	21.70	21.74	21.69	23.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	21.60	21.65	21.64	23.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	21.62	21.68	21.68	23.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	21.61	21.68	21.74	23.00

【FR1 n77 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_Ant 5_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.61		23.00
100	PI/2 BPSK	1	137		21.54		23.00
100	PI/2 BPSK	1	271		21.29		23.00
100	PI/2 BPSK	135	0		20.94		22.60
100	PI/2 BPSK	135	69		21.39		23.00
100	PI/2 BPSK	135	138		20.83		22.60
100	PI/2 BPSK	270	0		20.95		22.60
100	QPSK	1	1		21.56		23.00
100	QPSK	1	137		21.40		23.00
100	QPSK	1	271		21.24		23.00
100	QPSK	135	0		20.42		22.10
100	QPSK	135	69		21.32		23.00
100	QPSK	135	138		20.33		22.10
100	QPSK	270	0		20.44		22.10
100	16QAM	1	1		20.46		22.10
100	64QAM	1	1		18.91		20.60
100	256QAM	1	1		16.98		18.60
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	21.58	21.54	21.55	23.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	21.55	21.44	21.49	23.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	21.45	21.53	21.46	23.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	21.52	21.44	21.45	23.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	21.48	21.45	21.41	23.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	21.47	21.42	21.49	23.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	21.54	21.50	21.43	23.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	21.53	21.40	21.53	23.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	21.54	21.53	21.50	23.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	21.55	21.45	21.50	23.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	21.50	21.42	21.43	23.00

【FR1 n77 (27O)_FCC_Part 27O

(3700~3980MHz)_HPUE_Ant 5_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	21.32	21.48	20.93	23.00
100	PI/2 BPSK	1	137	20.80	21.08	20.52	23.00
100	PI/2 BPSK	1	271	20.61	20.88	20.21	23.00
100	PI/2 BPSK	135	0	20.53	20.81	20.14	22.50
100	PI/2 BPSK	135	69	20.82	21.07	20.38	23.00
100	PI/2 BPSK	135	138	20.14	20.36	19.72	22.50
100	PI/2 BPSK	270	0	20.54	20.51	19.93	22.50
100	QPSK	1	1	21.23	21.51	20.91	23.00

100	QPSK	1	137	20.67	20.94	20.39	23.00
100	QPSK	1	271	20.54	20.82	20.19	23.00
100	QPSK	135	0	19.99	20.29	19.65	22.00
100	QPSK	135	69	20.72	20.95	20.32	23.00
100	QPSK	135	138	19.63	19.83	19.26	22.00
100	QPSK	270	0	20.04	20.01	19.49	22.00
100	16QAM	1	1	19.70	19.86	19.23	22.00
100	64QAM	1	1	18.35	18.62	18.08	20.50
100	256QAM	1	1	16.52	16.77	16.32	18.50
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	21.20	21.40	20.85	23.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	21.25	21.36	20.90	23.00
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	21.19	21.43	20.78	23.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	21.29	21.42	20.84	23.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	21.24	21.44	20.82	23.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	21.30	21.42	20.80	23.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	21.20	21.39	20.83	23.00
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	21.24	21.46	20.83	23.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	21.17	21.43	20.80	23.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	21.23	21.34	20.84	23.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	21.24	21.40	20.84	23.00

【FR1 n77 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_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					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.73		23.00
100	PI/2 BPSK	1	137		21.72		23.00
100	PI/2 BPSK	1	271		21.65		23.00
100	PI/2 BPSK	135	0		21.63		23.00
100	PI/2 BPSK	135	69		21.64		23.00
100	PI/2 BPSK	135	138		21.67		23.00
100	PI/2 BPSK	270	0		21.67		23.00
100	QPSK	1	1		21.69		23.00
100	QPSK	1	137		21.72		23.00
100	QPSK	1	271		21.72		23.00
100	QPSK	135	0		21.64		23.00
100	QPSK	135	69		21.65		23.00
100	QPSK	135	138		21.72		23.00
100	QPSK	270	0		21.67		23.00
100	16QAM	1	1		21.67		23.00
100	64QAM	1	1		21.65		23.00
100	256QAM	1	1		21.70		23.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	21.62	21.68	21.65	23.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	21.60	21.54	21.59	23.00
Channel				632334	633332	634332	Tune-up limit

	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	21.52	21.63	21.54	23.00
	Channel			632000	633332	634666	Tune-up limit (dBm)
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	21.54	21.60	21.58	23.00
	Channel			631668	633332	635000	Tune-up limit (dBm)
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	21.54	21.59	21.52	23.00
	Channel			631334	633332	635332	Tune-up limit (dBm)
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	21.60	21.67	21.52	23.00
	Channel			631000	633332	635666	Tune-up limit (dBm)
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	21.59	21.64	21.52	23.00
	Channel			630834	633332	635832	Tune-up limit (dBm)
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	21.57	21.65	21.52	23.00
	Channel			630668	633332	636000	Tune-up limit (dBm)
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	21.56	21.62	21.52	23.00
	Channel			630500	633332	636166	Tune-up limit (dBm)
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	21.48	21.57	21.55	23.00
	Channel			630334	633332	636332	Tune-up limit (dBm)
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	21.61	21.66	21.62	23.00

【FR1 n77 (270)_FCC_Part 270

(3700~3980MHz)_HPUE_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			650000	656000	662000	
	Frequency (MHz)			3750	3840	3930	
100	PI/2 BPSK	1	1	21.72	21.78	21.75	23.00
100	PI/2 BPSK	1	137	21.54	21.62	21.46	23.00
100	PI/2 BPSK	1	271	21.48	21.67	21.49	23.00
100	PI/2 BPSK	135	0	21.45	21.62	21.50	23.00
100	PI/2 BPSK	135	69	21.57	21.62	21.58	23.00
100	PI/2 BPSK	135	138	21.46	21.65	21.55	23.00
100	PI/2 BPSK	270	0	21.60	21.71	21.60	23.00
100	QPSK	1	1	21.51	21.70	21.57	23.00
100	QPSK	1	137	21.45	21.63	21.53	23.00
100	QPSK	1	271	21.51	21.72	21.66	23.00
100	QPSK	135	0	21.53	21.69	21.56	23.00
100	QPSK	135	69	21.52	21.62	21.48	23.00
100	QPSK	135	138	21.52	21.63	21.55	23.00
100	QPSK	270	0	21.58	21.73	21.63	23.00
100	16QAM	1	1	21.53	21.73	21.57	23.00
100	64QAM	1	1	21.47	21.64	21.58	23.00
100	256QAM	1	1	21.57	21.72	21.66	23.00
	Channel			649668	656000	662332	Tune-up limit (dBm)
	Frequency (MHz)			3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	21.60	21.71	21.67	23.00
	Channel			649334	656000	662666	Tune-up limit (dBm)
	Frequency (MHz)			3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	21.65	21.68	21.63	23.00
	Channel			649000	656000	663000	Tune-up limit (dBm)
	Frequency (MHz)			3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	21.70	21.68	21.66	23.00
	Channel			648668	656000	663332	Tune-up limit (dBm)
	Frequency (MHz)			3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	21.71	21.74	21.63	23.00
	Channel			648334	656000	663666	Tune-up limit (dBm)
	Frequency (MHz)			3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	21.66	21.69	21.73	23.00
	Channel			648000	656000	664000	Tune-up limit (dBm)
	Frequency (MHz)			3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	21.68	21.64	21.69	23.00
	Channel			647668	656000	664332	Tune-up limit (dBm)
	Frequency (MHz)			3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	21.70	21.68	21.71	23.00
	Channel			647500	656000	664500	Tune-up limit (dBm)
	Frequency (MHz)			3712.5	3840	3967.5	(dBm)

25	PI/2 BPSK	1	1	21.70	21.74	21.69	23.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	21.60	21.65	21.64	23.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	21.62	21.68	21.68	23.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	21.61	21.68	21.74	23.00

【FR1 n77 (27Q)_FCC_Part 27Q

(3450~3550MHz)_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					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.61		23.00
100	PI/2 BPSK	1	137		21.54		23.00
100	PI/2 BPSK	1	271		21.29		23.00
100	PI/2 BPSK	135	0		20.94		22.60
100	PI/2 BPSK	135	69		21.39		23.00
100	PI/2 BPSK	135	138		20.83		22.60
100	PI/2 BPSK	270	0		20.95		22.60
100	QPSK	1	1		21.56		23.00
100	QPSK	1	137		21.40		23.00
100	QPSK	1	271		21.24		23.00
100	QPSK	135	0		20.42		22.10
100	QPSK	135	69		21.32		23.00
100	QPSK	135	138		20.33		22.10
100	QPSK	270	0		20.44		22.10
100	16QAM	1	1		20.46		22.10
100	64QAM	1	1		18.91		20.60
100	256QAM	1	1		16.98		18.60
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	21.58	21.54	21.55	23.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	21.55	21.44	21.49	23.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	21.45	21.53	21.46	23.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	21.52	21.44	21.45	23.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	21.48	21.45	21.41	23.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	21.47	21.42	21.49	23.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	21.54	21.50	21.43	23.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	21.53	21.40	21.53	23.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	21.54	21.53	21.50	23.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	21.55	21.45	21.50	23.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	21.50	21.42	21.43	23.00

【FR1 n77 (270)_FCC_Part 270

(3700~3980MHz)_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				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	21.32	21.48	20.93	23.00
100	PI/2 BPSK	1	137	20.80	21.08	20.52	23.00
100	PI/2 BPSK	1	271	20.61	20.88	20.21	23.00
100	PI/2 BPSK	135	0	20.53	20.81	20.14	22.50
100	PI/2 BPSK	135	69	20.82	21.07	20.38	23.00
100	PI/2 BPSK	135	138	20.14	20.36	19.72	22.50
100	PI/2 BPSK	270	0	20.54	20.51	19.93	22.50
100	QPSK	1	1	21.23	21.51	20.91	23.00
100	QPSK	1	137	20.67	20.94	20.39	23.00
100	QPSK	1	271	20.54	20.82	20.19	23.00
100	QPSK	135	0	19.99	20.29	19.65	22.00
100	QPSK	135	69	20.72	20.95	20.32	23.00
100	QPSK	135	138	19.63	19.83	19.26	22.00
100	QPSK	270	0	20.04	20.01	19.49	22.00
100	16QAM	1	1	19.70	19.86	19.23	22.00
100	64QAM	1	1	18.35	18.62	18.08	20.50
100	256QAM	1	1	16.52	16.77	16.32	18.50
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	21.20	21.40	20.85	23.00
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	21.25	21.36	20.90	23.00
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	21.19	21.43	20.78	23.00
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	21.29	21.42	20.84	23.00
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	21.24	21.44	20.82	23.00
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	21.30	21.42	20.80	23.00
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	21.20	21.39	20.83	23.00
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	21.24	21.46	20.83	23.00
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	21.17	21.43	20.80	23.00
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	21.23	21.34	20.84	23.00
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	21.24	21.40	20.84	23.00

【FR1 n77 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_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					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		20.23		21.50
100	PI/2 BPSK	1	137		20.17		21.50
100	PI/2 BPSK	1	271		20.20		21.50
100	PI/2 BPSK	135	0		20.20		21.50
100	PI/2 BPSK	135	69		20.16		21.50
100	PI/2 BPSK	135	138		20.19		21.50

100	PI/2 BPSK	270	0		20.17		21.50
100	QPSK	1	1		20.13		21.50
100	QPSK	1	137		20.13		21.50
100	QPSK	1	271		20.20		21.50
100	QPSK	135	0		20.16		21.50
100	QPSK	135	69		20.20		21.50
100	QPSK	135	138		20.21		21.50
100	QPSK	270	0		20.15		21.50
100	16QAM	1	1		20.21		21.50
100	64QAM	1	1		20.12		21.50
100	256QAM	1	1		20.14		21.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	20.15	20.20	20.18	21.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	20.12	20.17	20.14	21.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	20.12	20.09	20.05	21.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	20.06	20.19	20.13	21.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	20.05	20.07	20.10	21.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	20.11	20.06	20.14	21.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	20.00	20.11	20.08	21.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	20.04	20.09	20.11	21.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	20.12	20.13	20.13	21.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	20.10	20.09	20.17	21.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	20.11	20.15	20.10	21.50

【FR1 n77 (270)_FCC_Part 270

(3700~3980MHz)_HPUE_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				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	20.25	20.31	20.28	21.50
100	PI/2 BPSK	1	137	20.16	20.25	20.18	21.50
100	PI/2 BPSK	1	271	20.07	20.26	20.13	21.50
100	PI/2 BPSK	135	0	20.07	20.24	20.11	21.50
100	PI/2 BPSK	135	69	20.13	20.18	20.15	21.50
100	PI/2 BPSK	135	138	20.05	20.24	20.11	21.50
100	PI/2 BPSK	270	0	20.04	20.25	20.20	21.50
100	QPSK	1	1	20.06	20.24	20.07	21.50
100	QPSK	1	137	20.12	20.21	20.11	21.50
100	QPSK	1	271	20.08	20.23	20.10	21.50
100	QPSK	135	0	20.08	20.25	20.17	21.50
100	QPSK	135	69	20.14	20.27	20.17	21.50
100	QPSK	135	138	20.11	20.26	20.13	21.50
100	QPSK	270	0	20.15	20.28	20.14	21.50
100	16QAM	1	1	20.11	20.24	20.15	21.50
100	64QAM	1	1	20.11	20.22	20.17	21.50
100	256QAM	1	1	20.01	20.20	20.09	21.50
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	20.24	20.25	20.14	21.50
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)

80	PI/2 BPSK	1	1	20.17	20.23	20.23	21.50
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	20.21	20.27	20.27	21.50
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	20.20	20.27	20.17	21.50
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	20.21	20.26	20.17	21.50
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	20.14	20.24	20.16	21.50
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	20.19	20.26	20.14	21.50
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	20.17	20.30	20.22	21.50
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	20.13	20.23	20.27	21.50
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	20.17	20.24	20.26	21.50
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	20.16	20.29	20.21	21.50

【FR1 n77 (27Q)_FCC_Part 27Q

(3450~3550MHz)_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					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		20.09		21.50
100	PI/2 BPSK	1	137		19.94		21.50
100	PI/2 BPSK	1	271		20.00		21.50
100	PI/2 BPSK	135	0		19.98		21.50
100	PI/2 BPSK	135	69		19.99		21.50
100	PI/2 BPSK	135	138		19.99		21.50
100	PI/2 BPSK	270	0		20.03		21.50
100	QPSK	1	1		20.02		21.50
100	QPSK	1	137		19.97		21.50
100	QPSK	1	271		19.94		21.50
100	QPSK	135	0		19.97		21.50
100	QPSK	135	69		19.96		21.50
100	QPSK	135	138		19.95		21.50
100	QPSK	270	0		19.93		21.50
100	16QAM	1	1		19.98		21.50
100	64QAM	1	1		18.91		20.60
100	256QAM	1	1		16.98		18.60
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	20.02	20.05	20.03	21.50
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	19.90	19.96	19.90	21.50
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	19.98	20.04	19.90	21.50
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	19.95	20.03	19.99	21.50
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	19.91	20.00	19.89	21.50
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	19.91	19.98	19.96	21.50
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	20.01	20.02	19.97	21.50

Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	19.98	19.91	20.00	21.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	19.97	20.02	19.93	21.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	20.00	19.97	19.91	21.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	19.89	19.91	19.97	21.50

【FR1 n77 (270)_FCC_Part 270

(3700~3980MHz)_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				650000	656000	662000	Tune-up limit
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	19.98	20.06	20.03	21.50
100	PI/2 BPSK	1	137	19.80	19.99	19.93	21.50
100	PI/2 BPSK	1	271	19.87	19.99	19.87	21.50
100	PI/2 BPSK	135	0	19.83	20.00	19.84	21.50
100	PI/2 BPSK	135	69	19.90	20.02	19.91	21.50
100	PI/2 BPSK	135	138	19.75	19.97	19.92	21.50
100	PI/2 BPSK	270	0	19.87	20.04	19.91	21.50
100	QPSK	1	1	19.92	20.04	19.96	21.50
100	QPSK	1	137	19.92	20.01	19.83	21.50
100	QPSK	1	271	19.83	20.03	19.90	21.50
100	QPSK	135	0	19.87	20.04	19.89	21.50
100	QPSK	135	69	19.78	20.00	19.89	21.50
100	QPSK	135	138	19.76	19.98	19.91	21.50
100	QPSK	270	0	19.91	20.04	19.88	21.50
100	16QAM	1	1	19.83	19.97	19.88	21.50
100	64QAM	1	1	18.35	18.62	18.08	20.50
100	256QAM	1	1	16.52	16.77	16.32	18.50
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	19.86	19.97	19.92	21.50
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	19.96	20.03	20.00	21.50
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	19.84	19.96	19.97	21.50
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	19.95	19.95	19.93	21.50
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	19.92	20.02	19.99	21.50
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	19.86	20.03	19.97	21.50
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	19.92	19.92	19.94	21.50
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	19.86	19.91	19.89	21.50
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	19.84	20.01	19.99	21.50
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	19.89	20.00	20.02	21.50
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	19.86	19.95	19.94	21.50

【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant

10_default】

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		25.40		25.70
100	PI/2 BPSK	1	137		25.21		25.70
100	PI/2 BPSK	1	271		25.37		25.70
100	PI/2 BPSK	135	0		24.81		25.20
100	PI/2 BPSK	135	69		25.31		25.70
100	PI/2 BPSK	135	138		24.72		25.20
100	PI/2 BPSK	270	0		24.77		25.20
100	QPSK	1	1		25.35		25.70
100	QPSK	1	137		25.23		25.70
100	QPSK	1	271		25.41		25.70
100	QPSK	135	0		24.38		24.70
100	QPSK	135	69		25.19		25.70
100	QPSK	135	138		24.30		24.70
100	QPSK	270	0		24.19		24.70
100	16QAM	1	1		24.21		24.70
100	64QAM	1	1		22.81		23.20
100	256QAM	1	1		20.85		21.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	25.33	25.38	25.30	25.70
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	25.19	25.32	25.27	25.70
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	25.20	25.30	25.25	25.70
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	25.30	25.26	25.21	25.70
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	25.19	25.35	25.23	25.70
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	25.22	25.26	25.26	25.70
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	25.22	25.30	25.22	25.70
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	25.28	25.35	25.25	25.70
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	25.19	25.30	25.15	25.70
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	25.24	25.25	25.28	25.70
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	25.31	25.28	25.19	25.70

【FR1 n77 (27O)_FCC_Part 27O (3700~3980MHz)_Ant

10_default】

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	24.99	25.06	24.96	25.70
100	PI/2 BPSK	1	137	24.75	24.84	24.66	25.70
100	PI/2 BPSK	1	271	24.82	24.98	24.74	25.70
100	PI/2 BPSK	135	0	24.81	24.91	24.71	25.20
100	PI/2 BPSK	135	69	24.61	24.79	24.56	25.70
100	PI/2 BPSK	135	138	24.67	24.83	24.72	25.20
100	PI/2 BPSK	270	0	24.72	24.81	24.67	25.20
100	QPSK	1	1	24.89	25.01	24.84	25.70

100	QPSK	1	137	24.61	24.78	24.66	25.70
100	QPSK	1	271	24.72	24.93	24.76	25.70
100	QPSK	135	0	23.96	24.13	23.93	24.70
100	QPSK	135	69	24.48	24.69	24.48	25.70
100	QPSK	135	138	24.00	24.16	23.96	24.70
100	QPSK	270	0	23.97	24.09	23.94	24.70
100	16QAM	1	1	23.90	24.06	23.91	24.70
100	64QAM	1	1	22.47	22.64	22.41	23.20
100	256QAM	1	1	20.45	20.66	20.44	21.20
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	24.87	25.04	24.87	25.70
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	24.86	24.96	24.82	25.70
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	24.97	24.94	24.91	25.70
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	24.96	24.98	24.87	25.70
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	24.97	24.98	24.94	25.70
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	24.85	25.00	24.83	25.70
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	24.91	24.99	24.86	25.70
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	24.94	24.93	24.88	25.70
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	24.98	25.00	24.88	25.70
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	24.89	24.97	24.85	25.70
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	24.97	24.99	24.89	25.70

【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		25.40		25.70
100	PI/2 BPSK	1	137		25.21		25.70
100	PI/2 BPSK	1	271		25.37		25.70
100	PI/2 BPSK	135	0		24.81		25.20
100	PI/2 BPSK	135	69		25.31		25.70
100	PI/2 BPSK	135	138		24.72		25.20
100	PI/2 BPSK	270	0		24.77		25.20
100	QPSK	1	1		25.35		25.70
100	QPSK	1	137		25.23		25.70
100	QPSK	1	271		25.41		25.70
100	QPSK	135	0		24.38		24.70
100	QPSK	135	69		25.19		25.70
100	QPSK	135	138		24.30		24.70
100	QPSK	270	0		24.19		24.70
100	16QAM	1	1		24.21		24.70
100	64QAM	1	1		22.81		23.20
100	256QAM	1	1		20.85		21.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	25.33	25.38	25.30	25.70
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	25.19	25.32	25.27	25.70
Channel				632334	633332	634332	Tune-up limit

	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	25.20	25.30	25.25	25.70
	Channel			632000	633332	634666	Tune-up limit (dBm)
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	25.30	25.26	25.21	25.70
	Channel			631668	633332	635000	Tune-up limit (dBm)
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	25.19	25.35	25.23	25.70
	Channel			631334	633332	635332	Tune-up limit (dBm)
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	25.22	25.26	25.26	25.70
	Channel			631000	633332	635666	Tune-up limit (dBm)
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	25.22	25.30	25.22	25.70
	Channel			630834	633332	635832	Tune-up limit (dBm)
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	25.28	25.35	25.25	25.70
	Channel			630668	633332	636000	Tune-up limit (dBm)
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	25.19	25.30	25.15	25.70
	Channel			630500	633332	636166	Tune-up limit (dBm)
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	25.24	25.25	25.28	25.70
	Channel			630334	633332	636332	Tune-up limit (dBm)
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	25.31	25.28	25.19	25.70

【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	24.99	25.06	24.96	25.70
100	PI/2 BPSK	1	137	24.75	24.84	24.66	25.70
100	PI/2 BPSK	1	271	24.82	24.98	24.74	25.70
100	PI/2 BPSK	135	0	24.81	24.91	24.71	25.20
100	PI/2 BPSK	135	69	24.61	24.79	24.56	25.70
100	PI/2 BPSK	135	138	24.67	24.83	24.72	25.20
100	PI/2 BPSK	270	0	24.72	24.81	24.67	25.20
100	QPSK	1	1	24.89	25.01	24.84	25.70
100	QPSK	1	137	24.61	24.78	24.66	25.70
100	QPSK	1	271	24.72	24.93	24.76	25.70
100	QPSK	135	0	23.96	24.13	23.93	24.70
100	QPSK	135	69	24.48	24.69	24.48	25.70
100	QPSK	135	138	24.00	24.16	23.96	24.70
100	QPSK	270	0	23.97	24.09	23.94	24.70
100	16QAM	1	1	23.90	24.06	23.91	24.70
100	64QAM	1	1	22.47	22.64	22.41	23.20
100	256QAM	1	1	20.45	20.66	20.44	21.20
	Channel			649668	656000	662332	Tune-up limit (dBm)
	Frequency (MHz)			3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	24.87	25.04	24.87	25.70
	Channel			649334	656000	662666	Tune-up limit (dBm)
	Frequency (MHz)			3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	24.86	24.96	24.82	25.70
	Channel			649000	656000	663000	Tune-up limit (dBm)
	Frequency (MHz)			3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	24.97	24.94	24.91	25.70
	Channel			648668	656000	663332	Tune-up limit (dBm)
	Frequency (MHz)			3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	24.96	24.98	24.87	25.70
	Channel			648334	656000	663666	Tune-up limit (dBm)
	Frequency (MHz)			3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	24.97	24.98	24.94	25.70
	Channel			648000	656000	664000	Tune-up limit (dBm)
	Frequency (MHz)			3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	24.85	25.00	24.83	25.70
	Channel			647668	656000	664332	Tune-up limit (dBm)
	Frequency (MHz)			3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	24.91	24.99	24.86	25.70
	Channel			647500	656000	664500	Tune-up limit (dBm)
	Frequency (MHz)			3712.5	3840	3967.5	(dBm)

25	PI/2 BPSK	1	1	24.94	24.93	24.88	25.70
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	24.98	25.00	24.88	25.70
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	24.89	24.97	24.85	25.70
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	24.97	24.99	24.89	25.70

【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		16.72		17.20
100	PI/2 BPSK	1	137		16.68		17.20
100	PI/2 BPSK	1	271		16.63		17.20
100	PI/2 BPSK	135	0		16.65		17.20
100	PI/2 BPSK	135	69		16.69		17.20
100	PI/2 BPSK	135	138		16.63		17.20
100	PI/2 BPSK	270	0		16.65		17.20
100	QPSK	1	1		16.70		17.20
100	QPSK	1	137		16.63		17.20
100	QPSK	1	271		16.69		17.20
100	QPSK	135	0		16.65		17.20
100	QPSK	135	69		16.66		17.20
100	QPSK	135	138		16.69		17.20
100	QPSK	270	0		16.68		17.20
100	16QAM	1	1		16.69		17.20
100	64QAM	1	1		16.63		17.20
100	256QAM	1	1		16.65		17.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	16.62	16.68	16.65	17.20
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	16.56	16.58	16.57	17.20
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	16.54	16.60	16.58	17.20
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	16.61	16.59	16.57	17.20
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	16.50	16.59	16.55	17.20
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	16.53	16.54	16.55	17.20
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	16.55	16.64	16.61	17.20
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	16.52	16.62	16.57	17.20
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	16.53	16.62	16.53	17.20
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	16.57	16.54	16.58	17.20
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	16.56	16.62	16.53	17.20

【FR1 n77 (270)___FCC_Part 270 (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)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	16.51	16.54	16.49	17.20
100	PI/2 BPSK	1	137	16.34	16.42	16.27	17.20
100	PI/2 BPSK	1	271	16.36	16.45	16.29	17.20
100	PI/2 BPSK	135	0	16.36	16.42	16.26	17.20
100	PI/2 BPSK	135	69	16.48	16.53	16.47	17.20
100	PI/2 BPSK	135	138	16.36	16.52	16.45	17.20
100	PI/2 BPSK	270	0	16.39	16.50	16.41	17.20
100	QPSK	1	1	16.38	16.52	16.41	17.20
100	QPSK	1	137	16.37	16.47	16.34	17.20
100	QPSK	1	271	16.35	16.46	16.39	17.20
100	QPSK	135	0	16.41	16.52	16.42	17.20
100	QPSK	135	69	16.32	16.45	16.27	17.20
100	QPSK	135	138	16.42	16.51	16.35	17.20
100	QPSK	270	0	16.32	16.43	16.31	17.20
100	16QAM	1	1	16.33	16.49	16.31	17.20
100	64QAM	1	1	16.42	16.47	16.36	17.20
100	256QAM	1	1	16.42	16.49	16.41	17.20
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	16.40	16.41	16.41	17.20
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	16.47	16.39	16.40	17.20
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	16.41	16.52	16.35	17.20
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	16.41	16.49	16.35	17.20
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	16.37	16.40	16.40	17.20
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	16.49	16.45	16.44	17.20
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	16.46	16.45	16.41	17.20
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	16.37	16.41	16.45	17.20
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	16.38	16.52	16.37	17.20
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	16.42	16.44	16.38	17.20
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	16.49	16.52	16.39	17.20

【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		16.72		17.20
100	PI/2 BPSK	1	137		16.68		17.20
100	PI/2 BPSK	1	271		16.63		17.20
100	PI/2 BPSK	135	0		16.65		17.20
100	PI/2 BPSK	135	69		16.69		17.20
100	PI/2 BPSK	135	138		16.63		17.20

100	PI/2 BPSK	270	0		16.65		17.20
100	QPSK	1	1		16.70		17.20
100	QPSK	1	137		16.63		17.20
100	QPSK	1	271		16.69		17.20
100	QPSK	135	0		16.65		17.20
100	QPSK	135	69		16.66		17.20
100	QPSK	135	138		16.69		17.20
100	QPSK	270	0		16.68		17.20
100	16QAM	1	1		16.69		17.20
100	64QAM	1	1		16.63		17.20
100	256QAM	1	1		16.65		17.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	16.62	16.68	16.65	17.20
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	16.56	16.58	16.57	17.20
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	16.54	16.60	16.58	17.20
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	16.61	16.59	16.57	17.20
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	16.50	16.59	16.55	17.20
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	16.53	16.54	16.55	17.20
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	16.55	16.64	16.61	17.20
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	16.52	16.62	16.57	17.20
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	16.53	16.62	16.53	17.20
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	16.57	16.54	16.58	17.20
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	16.56	16.62	16.53	17.20

【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	16.51	16.54	16.49	17.20
100	PI/2 BPSK	1	137	16.34	16.42	16.27	17.20
100	PI/2 BPSK	1	271	16.36	16.45	16.29	17.20
100	PI/2 BPSK	135	0	16.36	16.42	16.26	17.20
100	PI/2 BPSK	135	69	16.48	16.53	16.47	17.20
100	PI/2 BPSK	135	138	16.36	16.52	16.45	17.20
100	PI/2 BPSK	270	0	16.39	16.50	16.41	17.20
100	QPSK	1	1	16.38	16.52	16.41	17.20
100	QPSK	1	137	16.37	16.47	16.34	17.20
100	QPSK	1	271	16.35	16.46	16.39	17.20
100	QPSK	135	0	16.41	16.52	16.42	17.20
100	QPSK	135	69	16.32	16.45	16.27	17.20
100	QPSK	135	138	16.42	16.51	16.35	17.20
100	QPSK	270	0	16.32	16.43	16.31	17.20
100	16QAM	1	1	16.33	16.49	16.31	17.20
100	64QAM	1	1	16.42	16.47	16.36	17.20
100	256QAM	1	1	16.42	16.49	16.41	17.20
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	16.40	16.41	16.41	17.20
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)

80	PI/2 BPSK	1	1	16.47	16.39	16.40	17.20
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	16.41	16.52	16.35	17.20
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	16.41	16.49	16.35	17.20
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	16.37	16.40	16.40	17.20
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	16.49	16.45	16.44	17.20
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	16.46	16.45	16.41	17.20
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	16.37	16.41	16.45	17.20
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	16.38	16.52	16.37	17.20
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	16.42	16.44	16.38	17.20
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	16.49	16.52	16.39	17.20

【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		16.72		17.20
100	PI/2 BPSK	1	137		16.68		17.20
100	PI/2 BPSK	1	271		16.63		17.20
100	PI/2 BPSK	135	0		16.65		17.20
100	PI/2 BPSK	135	69		16.69		17.20
100	PI/2 BPSK	135	138		16.63		17.20
100	PI/2 BPSK	270	0		16.65		17.20
100	QPSK	1	1		16.70		17.20
100	QPSK	1	137		16.63		17.20
100	QPSK	1	271		16.69		17.20
100	QPSK	135	0		16.65		17.20
100	QPSK	135	69		16.66		17.20
100	QPSK	135	138		16.69		17.20
100	QPSK	270	0		16.68		17.20
100	16QAM	1	1		16.69		17.20
100	64QAM	1	1		16.63		17.20
100	256QAM	1	1		16.65		17.20
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	16.62	16.68	16.65	17.20
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	16.56	16.58	16.57	17.20
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	16.54	16.60	16.58	17.20
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	16.61	16.59	16.57	17.20
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	16.50	16.59	16.55	17.20
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	16.53	16.54	16.55	17.20
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	16.55	16.64	16.61	17.20

Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	16.52	16.62	16.57	17.20
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	16.53	16.62	16.53	17.20
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	16.57	16.54	16.58	17.20
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	16.56	16.62	16.53	17.20

【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	Tune-up limit
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	16.51	16.54	16.49	17.20
100	PI/2 BPSK	1	137	16.34	16.42	16.27	17.20
100	PI/2 BPSK	1	271	16.36	16.45	16.29	17.20
100	PI/2 BPSK	135	0	16.36	16.42	16.26	17.20
100	PI/2 BPSK	135	69	16.48	16.53	16.47	17.20
100	PI/2 BPSK	135	138	16.36	16.52	16.45	17.20
100	PI/2 BPSK	270	0	16.39	16.50	16.41	17.20
100	QPSK	1	1	16.38	16.52	16.41	17.20
100	QPSK	1	137	16.37	16.47	16.34	17.20
100	QPSK	1	271	16.35	16.46	16.39	17.20
100	QPSK	135	0	16.41	16.52	16.42	17.20
100	QPSK	135	69	16.32	16.45	16.27	17.20
100	QPSK	135	138	16.42	16.51	16.35	17.20
100	QPSK	270	0	16.32	16.43	16.31	17.20
100	16QAM	1	1	16.33	16.49	16.31	17.20
100	64QAM	1	1	16.42	16.47	16.36	17.20
100	256QAM	1	1	16.42	16.49	16.41	17.20
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	16.40	16.41	16.41	17.20
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	16.47	16.39	16.40	17.20
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	16.41	16.52	16.35	17.20
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	16.41	16.49	16.35	17.20
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	16.37	16.40	16.40	17.20
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	16.49	16.45	16.44	17.20
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	16.46	16.45	16.41	17.20
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	16.37	16.41	16.45	17.20
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	16.38	16.52	16.37	17.20
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	16.42	16.44	16.38	17.20
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	16.49	16.52	16.39	17.20

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

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		27.36		28.50
100	PI/2 BPSK	1	137		27.24		28.50
100	PI/2 BPSK	1	271		27.29		28.50
100	PI/2 BPSK	135	0		26.79		28.00
100	PI/2 BPSK	135	69		27.31		28.50
100	PI/2 BPSK	135	138		26.78		28.00
100	PI/2 BPSK	270	0		26.82		28.00
100	QPSK	1	1		27.14		28.50
100	QPSK	1	137		27.21		28.50
100	QPSK	1	271		27.33		28.50
100	QPSK	135	0		26.13		27.50
100	QPSK	135	69		27.16		28.50
100	QPSK	135	138		26.26		27.50
100	QPSK	270	0		26.33		27.50
100	16QAM	1	1		26.11		27.50
100	64QAM	1	1		24.34		26.00
100	256QAM	1	1		22.45		24.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	27.30	27.34	27.23	28.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	27.25	27.26	27.14	28.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	27.29	27.32	27.16	28.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	27.22	27.31	27.21	28.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	27.27	27.26	27.16	28.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	27.28	27.23	27.14	28.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	27.15	27.22	27.16	28.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	27.21	27.21	27.22	28.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	27.27	27.20	27.15	28.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	27.15	27.26	27.12	28.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	27.18	27.27	27.09	28.50

【FR1 n77 (27O)_FCC_Part 27O
(3700~3980MHz)_HPUE_Ant 10_default】

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	27.03	27.11	26.98	28.50
100	PI/2 BPSK	1	137	26.61	26.77	26.55	28.50
100	PI/2 BPSK	1	271	26.74	26.93	26.73	28.50
100	PI/2 BPSK	135	0	26.20	26.32	26.06	28.00
100	PI/2 BPSK	135	69	26.71	26.84	26.70	28.50
100	PI/2 BPSK	135	138	26.03	26.24	26.00	28.00
100	PI/2 BPSK	270	0	26.16	26.33	26.17	28.00
100	QPSK	1	1	26.85	27.08	26.86	28.50

100	QPSK	1	137	26.50	26.71	26.47	28.50
100	QPSK	1	271	26.72	26.93	26.70	28.50
100	QPSK	135	0	25.73	25.83	25.62	27.50
100	QPSK	135	69	26.68	26.78	26.60	28.50
100	QPSK	135	138	25.66	25.78	25.55	27.50
100	QPSK	270	0	25.72	25.84	25.66	27.50
100	16QAM	1	1	25.71	25.83	25.63	27.50
100	64QAM	1	1	23.78	23.89	23.65	26.00
100	256QAM	1	1	21.76	21.87	21.68	24.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	26.95	26.98	26.96	28.50
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	26.93	27.07	26.85	28.50
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	27.00	27.10	26.93	28.50
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	26.88	26.97	26.83	28.50
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	26.95	27.05	26.86	28.50
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	27.00	27.07	26.92	28.50
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	27.00	26.97	26.87	28.50
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	27.01	27.03	26.96	28.50
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	26.96	27.05	26.84	28.50
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	27.01	27.00	26.90	28.50
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	26.90	27.07	26.95	28.50

【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		27.36		28.50
100	PI/2 BPSK	1	137		27.24		28.50
100	PI/2 BPSK	1	271		27.29		28.50
100	PI/2 BPSK	135	0		26.79		28.00
100	PI/2 BPSK	135	69		27.31		28.50
100	PI/2 BPSK	135	138		26.78		28.00
100	PI/2 BPSK	270	0		26.82		28.00
100	QPSK	1	1		27.14		28.50
100	QPSK	1	137		27.21		28.50
100	QPSK	1	271		27.33		28.50
100	QPSK	135	0		26.13		27.50
100	QPSK	135	69		27.16		28.50
100	QPSK	135	138		26.26		27.50
100	QPSK	270	0		26.33		27.50
100	16QAM	1	1		26.11		27.50
100	64QAM	1	1		24.34		26.00
100	256QAM	1	1		22.45		24.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	27.30	27.34	27.23	28.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	27.25	27.26	27.14	28.50
Channel				632334	633332	634332	Tune-up limit

	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	27.29	27.32	27.16	28.50
	Channel			632000	633332	634666	Tune-up limit (dBm)
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	27.22	27.31	27.21	28.50
	Channel			631668	633332	635000	Tune-up limit (dBm)
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	27.27	27.26	27.16	28.50
	Channel			631334	633332	635332	Tune-up limit (dBm)
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	27.28	27.23	27.14	28.50
	Channel			631000	633332	635666	Tune-up limit (dBm)
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	27.15	27.22	27.16	28.50
	Channel			630834	633332	635832	Tune-up limit (dBm)
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	27.21	27.21	27.22	28.50
	Channel			630668	633332	636000	Tune-up limit (dBm)
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	27.27	27.20	27.15	28.50
	Channel			630500	633332	636166	Tune-up limit (dBm)
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	27.15	27.26	27.12	28.50
	Channel			630334	633332	636332	Tune-up limit (dBm)
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	27.18	27.27	27.09	28.50

【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	27.03	27.11	26.98	28.50
100	PI/2 BPSK	1	137	26.61	26.77	26.55	28.50
100	PI/2 BPSK	1	271	26.74	26.93	26.73	28.50
100	PI/2 BPSK	135	0	26.20	26.32	26.06	28.00
100	PI/2 BPSK	135	69	26.71	26.84	26.70	28.50
100	PI/2 BPSK	135	138	26.03	26.24	26.00	28.00
100	PI/2 BPSK	270	0	26.16	26.33	26.17	28.00
100	QPSK	1	1	26.85	27.08	26.86	28.50
100	QPSK	1	137	26.50	26.71	26.47	28.50
100	QPSK	1	271	26.72	26.93	26.70	28.50
100	QPSK	135	0	25.73	25.83	25.62	27.50
100	QPSK	135	69	26.68	26.78	26.60	28.50
100	QPSK	135	138	25.66	25.78	25.55	27.50
100	QPSK	270	0	25.72	25.84	25.66	27.50
100	16QAM	1	1	25.71	25.83	25.63	27.50
100	64QAM	1	1	23.78	23.89	23.65	26.00
100	256QAM	1	1	21.76	21.87	21.68	24.00
	Channel			649668	656000	662332	Tune-up limit (dBm)
	Frequency (MHz)			3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	26.95	26.98	26.96	28.50
	Channel			649334	656000	662666	Tune-up limit (dBm)
	Frequency (MHz)			3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	26.93	27.07	26.85	28.50
	Channel			649000	656000	663000	Tune-up limit (dBm)
	Frequency (MHz)			3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	27.00	27.10	26.93	28.50
	Channel			648668	656000	663332	Tune-up limit (dBm)
	Frequency (MHz)			3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	26.88	26.97	26.83	28.50
	Channel			648334	656000	663666	Tune-up limit (dBm)
	Frequency (MHz)			3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	26.95	27.05	26.86	28.50
	Channel			648000	656000	664000	Tune-up limit (dBm)
	Frequency (MHz)			3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	27.00	27.07	26.92	28.50
	Channel			647668	656000	664332	Tune-up limit (dBm)
	Frequency (MHz)			3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	27.00	26.97	26.87	28.50
	Channel			647500	656000	664500	Tune-up limit (dBm)
	Frequency (MHz)			3712.5	3840	3967.5	(dBm)

25	PI/2 BPSK	1	1	27.01	27.03	26.96	28.50
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	26.96	27.05	26.84	28.50
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	27.01	27.00	26.90	28.50
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	26.90	27.07	26.95	28.50

【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		19.68		21.00
100	PI/2 BPSK	1	137		19.56		21.00
100	PI/2 BPSK	1	271		19.64		21.00
100	PI/2 BPSK	135	0		19.63		21.00
100	PI/2 BPSK	135	69		19.62		21.00
100	PI/2 BPSK	135	138		19.62		21.00
100	PI/2 BPSK	270	0		19.61		21.00
100	QPSK	1	1		19.65		21.00
100	QPSK	1	137		19.60		21.00
100	QPSK	1	271		19.61		21.00
100	QPSK	135	0		19.66		21.00
100	QPSK	135	69		19.65		21.00
100	QPSK	135	138		19.57		21.00
100	QPSK	270	0		19.63		21.00
100	16QAM	1	1		19.57		21.00
100	64QAM	1	1		19.64		21.00
100	256QAM	1	1		19.64		21.00
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	19.65	19.67	19.58	21.00
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	19.63	19.54	19.53	21.00
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	19.60	19.65	19.48	21.00
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	19.63	19.54	19.48	21.00
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	19.52	19.60	19.54	21.00
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	19.56	19.62	19.46	21.00
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	19.54	19.59	19.50	21.00
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	19.57	19.60	19.49	21.00
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	19.57	19.53	19.52	21.00
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	19.52	19.63	19.54	21.00
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	19.56	19.59	19.48	21.00

【FR1 n77 (270)_FCC_Part 270

(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	19.48	19.54	19.53	21.00
100	PI/2 BPSK	1	137	19.24	19.41	19.37	21.00
100	PI/2 BPSK	1	271	19.36	19.44	19.33	21.00
100	PI/2 BPSK	135	0	19.31	19.41	19.26	21.00
100	PI/2 BPSK	135	69	19.42	19.50	19.48	21.00
100	PI/2 BPSK	135	138	19.38	19.47	19.39	21.00
100	PI/2 BPSK	270	0	19.38	19.42	19.36	21.00
100	QPSK	1	1	19.37	19.46	19.34	21.00
100	QPSK	1	137	19.38	19.45	19.31	21.00
100	QPSK	1	271	19.28	19.45	19.29	21.00
100	QPSK	135	0	19.29	19.50	19.40	21.00
100	QPSK	135	69	19.33	19.52	19.46	21.00
100	QPSK	135	138	19.31	19.50	19.45	21.00
100	QPSK	270	0	19.32	19.44	19.37	21.00
100	16QAM	1	1	19.39	19.48	19.37	21.00
100	64QAM	1	1	19.27	19.47	19.40	21.00
100	256QAM	1	1	19.33	19.52	19.37	21.00
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	19.45	19.52	19.43	21.00
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	19.38	19.51	19.46	21.00
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	19.42	19.42	19.51	21.00
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	19.33	19.46	19.39	21.00
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	19.41	19.39	19.38	21.00
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	19.39	19.50	19.43	21.00
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	19.43	19.41	19.45	21.00
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	19.37	19.51	19.42	21.00
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	19.39	19.44	19.48	21.00
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	19.41	19.41	19.38	21.00
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	19.42	19.45	19.52	21.00

【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		19.68		21.00
100	PI/2 BPSK	1	137		19.56		21.00
100	PI/2 BPSK	1	271		19.64		21.00
100	PI/2 BPSK	135	0		19.63		21.00
100	PI/2 BPSK	135	69		19.62		21.00
100	PI/2 BPSK	135	138		19.62		21.00

100	PI/2 BPSK	270	0		19.61		21.00
100	QPSK	1	1		19.65		21.00
100	QPSK	1	137		19.60		21.00
100	QPSK	1	271		19.61		21.00
100	QPSK	135	0		19.66		21.00
100	QPSK	135	69		19.65		21.00
100	QPSK	135	138		19.57		21.00
100	QPSK	270	0		19.63		21.00
100	16QAM	1	1		19.57		21.00
100	64QAM	1	1		19.64		21.00
100	256QAM	1	1		19.64		21.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	19.65	19.67	19.58	21.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	19.63	19.54	19.53	21.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	19.60	19.65	19.48	21.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	19.63	19.54	19.48	21.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	19.52	19.60	19.54	21.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	19.56	19.62	19.46	21.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	19.54	19.59	19.50	21.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	19.57	19.60	19.49	21.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	19.57	19.53	19.52	21.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	19.52	19.63	19.54	21.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	19.56	19.59	19.48	21.00

【FR1 n77 (270)_FCC_Part 270

(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	19.48	19.54	19.53	21.00
100	PI/2 BPSK	1	137	19.24	19.41	19.37	21.00
100	PI/2 BPSK	1	271	19.36	19.44	19.33	21.00
100	PI/2 BPSK	135	0	19.31	19.41	19.26	21.00
100	PI/2 BPSK	135	69	19.42	19.50	19.48	21.00
100	PI/2 BPSK	135	138	19.38	19.47	19.39	21.00
100	PI/2 BPSK	270	0	19.38	19.42	19.36	21.00
100	QPSK	1	1	19.37	19.46	19.34	21.00
100	QPSK	1	137	19.38	19.45	19.31	21.00
100	QPSK	1	271	19.28	19.45	19.29	21.00
100	QPSK	135	0	19.29	19.50	19.40	21.00
100	QPSK	135	69	19.33	19.52	19.46	21.00
100	QPSK	135	138	19.31	19.50	19.45	21.00
100	QPSK	270	0	19.32	19.44	19.37	21.00
100	16QAM	1	1	19.39	19.48	19.37	21.00
100	64QAM	1	1	19.27	19.47	19.40	21.00
100	256QAM	1	1	19.33	19.52	19.37	21.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	19.45	19.52	19.43	21.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)

80	PI/2 BPSK	1	1	19.38	19.51	19.46	21.00
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	19.42	19.42	19.51	21.00
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	19.33	19.46	19.39	21.00
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	19.41	19.39	19.38	21.00
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	19.39	19.50	19.43	21.00
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	19.43	19.41	19.45	21.00
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	19.37	19.51	19.42	21.00
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	19.39	19.44	19.48	21.00
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	19.41	19.41	19.38	21.00
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	19.42	19.45	19.52	21.00

【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		19.68		21.00
100	PI/2 BPSK	1	137		19.56		21.00
100	PI/2 BPSK	1	271		19.64		21.00
100	PI/2 BPSK	135	0		19.63		21.00
100	PI/2 BPSK	135	69		19.62		21.00
100	PI/2 BPSK	135	138		19.62		21.00
100	PI/2 BPSK	270	0		19.61		21.00
100	QPSK	1	1		19.65		21.00
100	QPSK	1	137		19.60		21.00
100	QPSK	1	271		19.61		21.00
100	QPSK	135	0		19.66		21.00
100	QPSK	135	69		19.65		21.00
100	QPSK	135	138		19.57		21.00
100	QPSK	270	0		19.63		21.00
100	16QAM	1	1		19.57		21.00
100	64QAM	1	1		19.64		21.00
100	256QAM	1	1		19.64		21.00
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	19.65	19.67	19.58	21.00
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	19.63	19.54	19.53	21.00
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	19.60	19.65	19.48	21.00
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	19.63	19.54	19.48	21.00
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	19.52	19.60	19.54	21.00
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	19.56	19.62	19.46	21.00
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	19.54	19.59	19.50	21.00

Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	19.57	19.60	19.49	21.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	19.57	19.53	19.52	21.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	19.52	19.63	19.54	21.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	19.56	19.59	19.48	21.00

【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	Tune-up limit
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	19.48	19.54	19.53	21.00
100	PI/2 BPSK	1	137	19.24	19.41	19.37	21.00
100	PI/2 BPSK	1	271	19.36	19.44	19.33	21.00
100	PI/2 BPSK	135	0	19.31	19.41	19.26	21.00
100	PI/2 BPSK	135	69	19.42	19.50	19.48	21.00
100	PI/2 BPSK	135	138	19.38	19.47	19.39	21.00
100	PI/2 BPSK	270	0	19.38	19.42	19.36	21.00
100	QPSK	1	1	19.37	19.46	19.34	21.00
100	QPSK	1	137	19.38	19.45	19.31	21.00
100	QPSK	1	271	19.28	19.45	19.29	21.00
100	QPSK	135	0	19.29	19.50	19.40	21.00
100	QPSK	135	69	19.33	19.52	19.46	21.00
100	QPSK	135	138	19.31	19.50	19.45	21.00
100	QPSK	270	0	19.32	19.44	19.37	21.00
100	16QAM	1	1	19.39	19.48	19.37	21.00
100	64QAM	1	1	19.27	19.47	19.40	21.00
100	256QAM	1	1	19.33	19.52	19.37	21.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	19.45	19.52	19.43	21.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	19.38	19.51	19.46	21.00
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	19.42	19.42	19.51	21.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	19.33	19.46	19.39	21.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	19.41	19.39	19.38	21.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	19.39	19.50	19.43	21.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	19.43	19.41	19.45	21.00
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	19.37	19.51	19.42	21.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	19.39	19.44	19.48	21.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	19.41	19.41	19.38	21.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	19.42	19.45	19.52	21.00

【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant

19_default】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		24.20		25.70
100	PI/2 BPSK	1	137		23.98		25.70
100	PI/2 BPSK	1	271		23.79		25.70
100	PI/2 BPSK	135	0		23.54		25.20
100	PI/2 BPSK	135	69		24.03		25.70
100	PI/2 BPSK	135	138		23.35		25.20
100	PI/2 BPSK	270	0		23.44		25.20
100	QPSK	1	1		24.10		25.70
100	QPSK	1	137		23.96		25.70
100	QPSK	1	271		23.83		25.70
100	QPSK	135	0		23.01		24.70
100	QPSK	135	69		23.92		25.70
100	QPSK	135	138		22.92		24.70
100	QPSK	270	0		22.94		24.70
100	16QAM	1	1		23.06		24.70
100	64QAM	1	1		21.59		23.20
100	256QAM	1	1		19.57		21.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	24.10	24.17	24.18	25.70
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	24.03	24.14	24.10	25.70
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	23.97	24.07	24.12	25.70
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	24.06	24.12	24.12	25.70
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	23.99	24.10	24.07	25.70
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	24.03	24.14	24.10	25.70
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	24.05	24.07	24.08	25.70
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	24.05	24.15	24.12	25.70
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	24.01	24.04	24.17	25.70
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	23.95	24.04	24.09	25.70
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	24.06	24.09	24.14	25.70

【FR1 n77 (27O)_FCC_Part 27O (3700~3980MHz)_Ant

19_default】

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	24.08	24.18	24.16	25.70
100	PI/2 BPSK	1	137	23.33	23.50	23.33	25.70
100	PI/2 BPSK	1	271	23.65	23.86	23.73	25.70
100	PI/2 BPSK	135	0	23.29	23.53	23.42	25.20
100	PI/2 BPSK	135	69	23.92	24.13	24.01	25.70
100	PI/2 BPSK	135	138	23.49	23.60	23.49	25.20
100	PI/2 BPSK	270	0	23.52	23.73	23.62	25.20
100	QPSK	1	1	24.02	24.14	24.02	25.70

100	QPSK	1	137	23.70	23.88	23.80	25.70
100	QPSK	1	271	23.60	23.77	23.62	25.70
100	QPSK	135	0	22.85	23.06	22.96	24.70
100	QPSK	135	69	23.68	23.82	23.71	25.70
100	QPSK	135	138	22.67	22.84	22.78	24.70
100	QPSK	270	0	22.87	23.07	23.00	24.70
100	16QAM	1	1	22.95	23.14	23.10	24.70
100	64QAM	1	1	21.47	21.63	21.55	23.20
100	256QAM	1	1	19.39	19.56	19.51	21.20
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	24.06	24.14	24.06	25.70
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	23.95	24.14	24.12	25.70
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	23.95	24.04	24.02	25.70
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	23.97	24.03	24.13	25.70
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	24.01	24.07	24.04	25.70
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	24.04	24.06	24.05	25.70
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	24.07	24.16	24.14	25.70
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	23.93	24.15	24.08	25.70
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	24.02	24.09	24.07	25.70
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	24.00	24.15	24.09	25.70
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	24.01	24.11	24.08	25.70

【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant

19_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		17.31		18.70
100	PI/2 BPSK	1	137		17.24		18.70
100	PI/2 BPSK	1	271		17.22		18.70
100	PI/2 BPSK	135	0		17.23		18.70
100	PI/2 BPSK	135	69		17.29		18.70
100	PI/2 BPSK	135	138		17.28		18.70
100	PI/2 BPSK	270	0		17.27		18.70
100	QPSK	1	1		17.26		18.70
100	QPSK	1	137		17.27		18.70
100	QPSK	1	271		17.24		18.70
100	QPSK	135	0		17.23		18.70
100	QPSK	135	69		17.28		18.70
100	QPSK	135	138		17.27		18.70
100	QPSK	270	0		17.29		18.70
100	16QAM	1	1		17.28		18.70
100	64QAM	1	1		17.25		18.70
100	256QAM	1	1		17.21		18.70
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	17.25	17.29	17.27	18.70
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	17.16	17.26	17.16	18.70
Channel				632334	633332	634332	Tune-up limit

	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	17.22	17.19	17.17	18.70
	Channel			632000	633332	634666	Tune-up limit (dBm)
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	17.17	17.23	17.17	18.70
	Channel			631668	633332	635000	Tune-up limit (dBm)
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	17.12	17.16	17.19	18.70
	Channel			631334	633332	635332	Tune-up limit (dBm)
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	17.17	17.26	17.23	18.70
	Channel			631000	633332	635666	Tune-up limit (dBm)
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	17.15	17.28	17.16	18.70
	Channel			630834	633332	635832	Tune-up limit (dBm)
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	17.21	17.15	17.19	18.70
	Channel			630668	633332	636000	Tune-up limit (dBm)
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	17.20	17.22	17.24	18.70
	Channel			630500	633332	636166	Tune-up limit (dBm)
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	17.13	17.24	17.16	18.70
	Channel			630334	633332	636332	Tune-up limit (dBm)
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	17.14	17.25	17.16	18.70

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

19_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	17.25	17.31	17.29	18.70
100	PI/2 BPSK	1	137	17.12	17.23	17.11	18.70
100	PI/2 BPSK	1	271	17.11	17.22	17.13	18.70
100	PI/2 BPSK	135	0	17.10	17.20	17.13	18.70
100	PI/2 BPSK	135	69	17.25	17.30	17.17	18.70
100	PI/2 BPSK	135	138	17.14	17.29	17.13	18.70
100	PI/2 BPSK	270	0	17.07	17.27	17.16	18.70
100	QPSK	1	1	17.12	17.24	17.21	18.70
100	QPSK	1	137	17.06	17.22	17.05	18.70
100	QPSK	1	271	17.05	17.20	17.11	18.70
100	QPSK	135	0	17.15	17.25	17.10	18.70
100	QPSK	135	69	17.20	17.28	17.16	18.70
100	QPSK	135	138	17.07	17.20	17.07	18.70
100	QPSK	270	0	17.21	17.28	17.23	18.70
100	16QAM	1	1	17.09	17.20	17.09	18.70
100	64QAM	1	1	17.04	17.21	17.08	18.70
100	256QAM	1	1	16.99	17.19	17.07	18.70
	Channel			649668	656000	662332	Tune-up limit (dBm)
	Frequency (MHz)			3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	17.14	17.20	17.15	18.70
	Channel			649334	656000	662666	Tune-up limit (dBm)
	Frequency (MHz)			3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	17.21	17.18	17.19	18.70
	Channel			649000	656000	663000	Tune-up limit (dBm)
	Frequency (MHz)			3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	17.15	17.28	17.18	18.70
	Channel			648668	656000	663332	Tune-up limit (dBm)
	Frequency (MHz)			3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	17.19	17.21	17.15	18.70
	Channel			648334	656000	663666	Tune-up limit (dBm)
	Frequency (MHz)			3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	17.22	17.29	17.26	18.70
	Channel			648000	656000	664000	Tune-up limit (dBm)
	Frequency (MHz)			3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	17.15	17.30	17.16	18.70
	Channel			647668	656000	664332	Tune-up limit (dBm)
	Frequency (MHz)			3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	17.24	17.22	17.23	18.70
	Channel			647500	656000	664500	Tune-up limit (dBm)
	Frequency (MHz)			3712.5	3840	3967.5	(dBm)

25	PI/2 BPSK	1	1	17.20	17.27	17.17	18.70
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	17.21	17.27	17.24	18.70
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	17.21	17.25	17.25	18.70
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	17.14	17.26	17.25	18.70

【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant

19_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		18.70
100	PI/2 BPSK	1	137		17.24		18.70
100	PI/2 BPSK	1	271		17.22		18.70
100	PI/2 BPSK	135	0		17.23		18.70
100	PI/2 BPSK	135	69		17.29		18.70
100	PI/2 BPSK	135	138		17.28		18.70
100	PI/2 BPSK	270	0		17.27		18.70
100	QPSK	1	1		17.26		18.70
100	QPSK	1	137		17.27		18.70
100	QPSK	1	271		17.24		18.70
100	QPSK	135	0		17.23		18.70
100	QPSK	135	69		17.28		18.70
100	QPSK	135	138		17.27		18.70
100	QPSK	270	0		17.29		18.70
100	16QAM	1	1		17.28		18.70
100	64QAM	1	1		17.25		18.70
100	256QAM	1	1		17.21		18.70
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	17.25	17.29	17.27	18.70
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	17.16	17.26	17.16	18.70
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	17.22	17.19	17.17	18.70
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	17.17	17.23	17.17	18.70
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	17.12	17.16	17.19	18.70
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	17.17	17.26	17.23	18.70
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	17.15	17.28	17.16	18.70
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	17.21	17.15	17.19	18.70
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	17.20	17.22	17.24	18.70
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	17.13	17.24	17.16	18.70
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	17.14	17.25	17.16	18.70

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

19_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	17.25	17.31	17.29	18.70
100	PI/2 BPSK	1	137	17.12	17.23	17.11	18.70
100	PI/2 BPSK	1	271	17.11	17.22	17.13	18.70
100	PI/2 BPSK	135	0	17.10	17.20	17.13	18.70
100	PI/2 BPSK	135	69	17.25	17.30	17.17	18.70
100	PI/2 BPSK	135	138	17.14	17.29	17.13	18.70
100	PI/2 BPSK	270	0	17.07	17.27	17.16	18.70
100	QPSK	1	1	17.12	17.24	17.21	18.70
100	QPSK	1	137	17.06	17.22	17.05	18.70
100	QPSK	1	271	17.05	17.20	17.11	18.70
100	QPSK	135	0	17.15	17.25	17.10	18.70
100	QPSK	135	69	17.20	17.28	17.16	18.70
100	QPSK	135	138	17.07	17.20	17.07	18.70
100	QPSK	270	0	17.21	17.28	17.23	18.70
100	16QAM	1	1	17.09	17.20	17.09	18.70
100	64QAM	1	1	17.04	17.21	17.08	18.70
100	256QAM	1	1	16.99	17.19	17.07	18.70
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	17.14	17.20	17.15	18.70
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	17.21	17.18	17.19	18.70
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	17.15	17.28	17.18	18.70
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	17.19	17.21	17.15	18.70
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	17.22	17.29	17.26	18.70
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	17.15	17.30	17.16	18.70
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	17.24	17.22	17.23	18.70
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	17.20	17.27	17.17	18.70
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	17.21	17.27	17.24	18.70
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	17.21	17.25	17.25	18.70
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	17.14	17.26	17.25	18.70

【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant

19_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		17.31		18.70
100	PI/2 BPSK	1	137		17.24		18.70
100	PI/2 BPSK	1	271		17.22		18.70
100	PI/2 BPSK	135	0		17.23		18.70
100	PI/2 BPSK	135	69		17.29		18.70
100	PI/2 BPSK	135	138		17.28		18.70

100	PI/2 BPSK	270	0		17.27		18.70
100	QPSK	1	1		17.26		18.70
100	QPSK	1	137		17.27		18.70
100	QPSK	1	271		17.24		18.70
100	QPSK	135	0		17.23		18.70
100	QPSK	135	69		17.28		18.70
100	QPSK	135	138		17.27		18.70
100	QPSK	270	0		17.29		18.70
100	16QAM	1	1		17.28		18.70
100	64QAM	1	1		17.25		18.70
100	256QAM	1	1		17.21		18.70
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	17.25	17.29	17.27	18.70
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	17.16	17.26	17.16	18.70
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	17.22	17.19	17.17	18.70
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	17.17	17.23	17.17	18.70
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	17.12	17.16	17.19	18.70
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	17.17	17.26	17.23	18.70
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	17.15	17.28	17.16	18.70
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	17.21	17.15	17.19	18.70
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	17.20	17.22	17.24	18.70
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	17.13	17.24	17.16	18.70
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	17.14	17.25	17.16	18.70

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

19_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	17.25	17.31	17.29	18.70
100	PI/2 BPSK	1	137	17.12	17.23	17.11	18.70
100	PI/2 BPSK	1	271	17.11	17.22	17.13	18.70
100	PI/2 BPSK	135	0	17.10	17.20	17.13	18.70
100	PI/2 BPSK	135	69	17.25	17.30	17.17	18.70
100	PI/2 BPSK	135	138	17.14	17.29	17.13	18.70
100	PI/2 BPSK	270	0	17.07	17.27	17.16	18.70
100	QPSK	1	1	17.12	17.24	17.21	18.70
100	QPSK	1	137	17.06	17.22	17.05	18.70
100	QPSK	1	271	17.05	17.20	17.11	18.70
100	QPSK	135	0	17.15	17.25	17.10	18.70
100	QPSK	135	69	17.20	17.28	17.16	18.70
100	QPSK	135	138	17.07	17.20	17.07	18.70
100	QPSK	270	0	17.21	17.28	17.23	18.70
100	16QAM	1	1	17.09	17.20	17.09	18.70
100	64QAM	1	1	17.04	17.21	17.08	18.70
100	256QAM	1	1	16.99	17.19	17.07	18.70
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	17.14	17.20	17.15	18.70
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)

80	PI/2 BPSK	1	1	17.21	17.18	17.19	18.70
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	17.15	17.28	17.18	18.70
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	17.19	17.21	17.15	18.70
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	17.22	17.29	17.26	18.70
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	17.15	17.30	17.16	18.70
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	17.24	17.22	17.23	18.70
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	17.20	17.27	17.17	18.70
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	17.21	17.27	17.24	18.70
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	17.21	17.25	17.25	18.70
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	17.14	17.26	17.25	18.70

【FR1 n77 (27Q)___FCC_Part 27Q (3450~3550MHz)_Ant

19_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		17.31		18.70
100	PI/2 BPSK	1	137		17.24		18.70
100	PI/2 BPSK	1	271		17.22		18.70
100	PI/2 BPSK	135	0		17.23		18.70
100	PI/2 BPSK	135	69		17.29		18.70
100	PI/2 BPSK	135	138		17.28		18.70
100	PI/2 BPSK	270	0		17.27		18.70
100	QPSK	1	1		17.26		18.70
100	QPSK	1	137		17.27		18.70
100	QPSK	1	271		17.24		18.70
100	QPSK	135	0		17.23		18.70
100	QPSK	135	69		17.28		18.70
100	QPSK	135	138		17.27		18.70
100	QPSK	270	0		17.29		18.70
100	16QAM	1	1		17.28		18.70
100	64QAM	1	1		17.25		18.70
100	256QAM	1	1		17.21		18.70
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	17.25	17.29	17.27	18.70
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	17.16	17.26	17.16	18.70
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	17.22	17.19	17.17	18.70
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	17.17	17.23	17.17	18.70
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	17.12	17.16	17.19	18.70
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	17.17	17.26	17.23	18.70
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	17.15	17.28	17.16	18.70

Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	17.21	17.15	17.19	18.70
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	17.20	17.22	17.24	18.70
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	17.13	17.24	17.16	18.70
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	17.14	17.25	17.16	18.70

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

19_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	17.25	17.31	17.29	18.70
100	PI/2 BPSK	1	137	17.12	17.23	17.11	18.70
100	PI/2 BPSK	1	271	17.11	17.22	17.13	18.70
100	PI/2 BPSK	135	0	17.10	17.20	17.13	18.70
100	PI/2 BPSK	135	69	17.25	17.30	17.17	18.70
100	PI/2 BPSK	135	138	17.14	17.29	17.13	18.70
100	PI/2 BPSK	270	0	17.07	17.27	17.16	18.70
100	QPSK	1	1	17.12	17.24	17.21	18.70
100	QPSK	1	137	17.06	17.22	17.05	18.70
100	QPSK	1	271	17.05	17.20	17.11	18.70
100	QPSK	135	0	17.15	17.25	17.10	18.70
100	QPSK	135	69	17.20	17.28	17.16	18.70
100	QPSK	135	138	17.07	17.20	17.07	18.70
100	QPSK	270	0	17.21	17.28	17.23	18.70
100	16QAM	1	1	17.09	17.20	17.09	18.70
100	64QAM	1	1	17.04	17.21	17.08	18.70
100	256QAM	1	1	16.99	17.19	17.07	18.70
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	17.14	17.20	17.15	18.70
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	17.21	17.18	17.19	18.70
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	17.15	17.28	17.18	18.70
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	17.19	17.21	17.15	18.70
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	17.22	17.29	17.26	18.70
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	17.15	17.30	17.16	18.70
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	17.24	17.22	17.23	18.70
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	17.20	17.27	17.17	18.70
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	17.21	17.27	17.24	18.70
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	17.21	17.25	17.25	18.70
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	17.14	17.26	17.25	18.70

【FR1 n77 (27Q)_FCC_Part 27Q
(3450~3550MHz)_HPUE_Ant 19_default】

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		26.30		27.90
100	PI/2 BPSK	1	137		26.04		27.90
100	PI/2 BPSK	1	271		25.99		27.90
100	PI/2 BPSK	135	0		25.56		27.40
100	PI/2 BPSK	135	69		26.05		27.90
100	PI/2 BPSK	135	138		25.54		27.40
100	PI/2 BPSK	270	0		25.58		27.40
100	QPSK	1	1		26.18		27.90
100	QPSK	1	137		26.03		27.90
100	QPSK	1	271		25.92		27.90
100	QPSK	135	0		25.09		26.90
100	QPSK	135	69		25.92		27.90
100	QPSK	135	138		24.91		26.90
100	QPSK	270	0		25.08		26.90
100	16QAM	1	1		25.16		26.90
100	64QAM	1	1		22.82		25.40
100	256QAM	1	1		21.02		23.40
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	26.20	26.26	26.23	27.90
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	26.06	26.12	26.18	27.90
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	26.17	26.16	26.18	27.90
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	26.14	26.15	26.22	27.90
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	26.15	26.19	26.11	27.90
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	26.17	26.15	26.15	27.90
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	26.13	26.21	26.09	27.90
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	26.11	26.15	26.19	27.90
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	26.10	26.18	26.21	27.90
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	26.13	26.20	26.09	27.90
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	26.14	26.11	26.20	27.90

【FR1 n77 (27O)_FCC_Part 27O
(3700~3980MHz)_HPUE_Ant 19_default】

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	26.20	26.23	26.21	27.90
100	PI/2 BPSK	1	137	25.77	25.91	25.80	27.90
100	PI/2 BPSK	1	271	25.75	25.85	25.72	27.90
100	PI/2 BPSK	135	0	25.79	25.84	25.67	27.40
100	PI/2 BPSK	135	69	25.67	25.85	25.81	27.90
100	PI/2 BPSK	135	138	25.67	25.77	25.71	27.40
100	PI/2 BPSK	270	0	25.68	25.78	25.73	27.40
100	QPSK	1	1	26.14	26.20	26.06	27.90

100	QPSK	1	137	25.75	25.80	25.75	27.90
100	QPSK	1	271	25.62	25.67	25.60	27.90
100	QPSK	135	0	24.79	24.90	24.75	26.90
100	QPSK	135	69	25.70	25.80	25.69	27.90
100	QPSK	135	138	25.10	25.20	25.13	26.90
100	QPSK	270	0	25.14	25.23	25.17	26.90
100	16QAM	1	1	24.95	25.10	25.06	26.90
100	64QAM	1	1	23.05	23.11	23.03	25.40
100	256QAM	1	1	20.73	20.87	20.74	23.40
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	26.10	26.16	26.18	27.90
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	26.13	26.20	26.09	27.90
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	26.10	26.22	26.12	27.90
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	26.16	26.14	26.12	27.90
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	26.12	26.11	26.13	27.90
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	26.14	26.09	26.14	27.90
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	26.12	26.16	26.20	27.90
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	26.10	26.11	26.16	27.90
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	26.11	26.10	26.08	27.90
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	26.11	26.16	26.09	27.90
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	26.13	26.11	26.06	27.90

【FR1 n77 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_Ant 19_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		20.30		21.70
100	PI/2 BPSK	1	137		20.18		21.70
100	PI/2 BPSK	1	271		20.29		21.70
100	PI/2 BPSK	135	0		20.27		21.70
100	PI/2 BPSK	135	69		20.27		21.70
100	PI/2 BPSK	135	138		20.30		21.70
100	PI/2 BPSK	270	0		20.21		21.70
100	QPSK	1	1		20.29		21.70
100	QPSK	1	137		20.22		21.70
100	QPSK	1	271		20.24		21.70
100	QPSK	135	0		20.30		21.70
100	QPSK	135	69		20.21		21.70
100	QPSK	135	138		20.24		21.70
100	QPSK	270	0		20.28		21.70
100	16QAM	1	1		20.19		21.70
100	64QAM	1	1		20.23		21.70
100	256QAM	1	1		20.27		21.70
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	20.22	20.28	20.25	21.70
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	20.13	20.25	20.23	21.70
Channel				632334	633332	634332	Tune-up limit

	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	20.15	20.24	20.22	21.70
	Channel			632000	633332	634666	Tune-up limit (dBm)
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	20.16	20.21	20.19	21.70
	Channel			631668	633332	635000	Tune-up limit (dBm)
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	20.19	20.23	20.15	21.70
	Channel			631334	633332	635332	Tune-up limit (dBm)
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	20.18	20.25	20.13	21.70
	Channel			631000	633332	635666	Tune-up limit (dBm)
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	20.15	20.24	20.19	21.70
	Channel			630834	633332	635832	Tune-up limit (dBm)
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	20.16	20.27	20.24	21.70
	Channel			630668	633332	636000	Tune-up limit (dBm)
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	20.15	20.17	20.15	21.70
	Channel			630500	633332	636166	Tune-up limit (dBm)
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	20.20	20.16	20.16	21.70
	Channel			630334	633332	636332	Tune-up limit (dBm)
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	20.18	20.15	20.16	21.70

【FR1 n77 (270)_FCC_Part 270

(3700~3980MHz)_HPUE_Ant 19_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	20.28	20.32	20.31	21.70
100	PI/2 BPSK	1	137	20.12	20.27	20.17	21.70
100	PI/2 BPSK	1	271	20.05	20.24	20.18	21.70
100	PI/2 BPSK	135	0	20.19	20.27	20.21	21.70
100	PI/2 BPSK	135	69	20.11	20.19	20.08	21.70
100	PI/2 BPSK	135	138	20.15	20.23	20.12	21.70
100	PI/2 BPSK	270	0	20.02	20.20	20.11	21.70
100	QPSK	1	1	20.08	20.23	20.14	21.70
100	QPSK	1	137	20.12	20.22	20.17	21.70
100	QPSK	1	271	20.10	20.27	20.20	21.70
100	QPSK	135	0	20.18	20.27	20.22	21.70
100	QPSK	135	69	20.15	20.27	20.11	21.70
100	QPSK	135	138	20.16	20.23	20.20	21.70
100	QPSK	270	0	20.14	20.25	20.12	21.70
100	16QAM	1	1	20.11	20.28	20.21	21.70
100	64QAM	1	1	20.10	20.25	20.13	21.70
100	256QAM	1	1	20.11	20.24	20.17	21.70
	Channel			649668	656000	662332	Tune-up limit (dBm)
	Frequency (MHz)			3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	20.18	20.21	20.29	21.70
	Channel			649334	656000	662666	Tune-up limit (dBm)
	Frequency (MHz)			3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	20.20	20.20	20.29	21.70
	Channel			649000	656000	663000	Tune-up limit (dBm)
	Frequency (MHz)			3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	20.23	20.21	20.21	21.70
	Channel			648668	656000	663332	Tune-up limit (dBm)
	Frequency (MHz)			3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	20.24	20.22	20.23	21.70
	Channel			648334	656000	663666	Tune-up limit (dBm)
	Frequency (MHz)			3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	20.18	20.20	20.29	21.70
	Channel			648000	656000	664000	Tune-up limit (dBm)
	Frequency (MHz)			3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	20.20	20.27	20.19	21.70
	Channel			647668	656000	664332	Tune-up limit (dBm)
	Frequency (MHz)			3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	20.16	20.31	20.24	21.70
	Channel			647500	656000	664500	Tune-up limit (dBm)
	Frequency (MHz)			3712.5	3840	3967.5	(dBm)

25	PI/2 BPSK	1	1	20.17	20.27	20.24	21.70
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	20.14	20.24	20.18	21.70
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	20.25	20.21	20.24	21.70
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	20.15	20.26	20.23	21.70

【FR1 n77 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_Ant 19_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		20.30		21.70
100	PI/2 BPSK	1	137		20.18		21.70
100	PI/2 BPSK	1	271		20.29		21.70
100	PI/2 BPSK	135	0		20.27		21.70
100	PI/2 BPSK	135	69		20.27		21.70
100	PI/2 BPSK	135	138		20.30		21.70
100	PI/2 BPSK	270	0		20.21		21.70
100	QPSK	1	1		20.29		21.70
100	QPSK	1	137		20.22		21.70
100	QPSK	1	271		20.24		21.70
100	QPSK	135	0		20.30		21.70
100	QPSK	135	69		20.21		21.70
100	QPSK	135	138		20.24		21.70
100	QPSK	270	0		20.28		21.70
100	16QAM	1	1		20.19		21.70
100	64QAM	1	1		20.23		21.70
100	256QAM	1	1		20.27		21.70
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	20.22	20.28	20.25	21.70
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	20.13	20.25	20.23	21.70
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	20.15	20.24	20.22	21.70
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	20.16	20.21	20.19	21.70
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	20.19	20.23	20.15	21.70
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	20.18	20.25	20.13	21.70
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	20.15	20.24	20.19	21.70
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	20.16	20.27	20.24	21.70
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	20.15	20.17	20.15	21.70
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	20.20	20.16	20.16	21.70
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	20.18	20.15	20.16	21.70

【FR1 n77 (270)_FCC_Part 270

(3700~3980MHz)_HPUE_Ant 19_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	20.28	20.32	20.31	21.70
100	PI/2 BPSK	1	137	20.12	20.27	20.17	21.70
100	PI/2 BPSK	1	271	20.05	20.24	20.18	21.70
100	PI/2 BPSK	135	0	20.19	20.27	20.21	21.70
100	PI/2 BPSK	135	69	20.11	20.19	20.08	21.70
100	PI/2 BPSK	135	138	20.15	20.23	20.12	21.70
100	PI/2 BPSK	270	0	20.02	20.20	20.11	21.70
100	QPSK	1	1	20.08	20.23	20.14	21.70
100	QPSK	1	137	20.12	20.22	20.17	21.70
100	QPSK	1	271	20.10	20.27	20.20	21.70
100	QPSK	135	0	20.18	20.27	20.22	21.70
100	QPSK	135	69	20.15	20.27	20.11	21.70
100	QPSK	135	138	20.16	20.23	20.20	21.70
100	QPSK	270	0	20.14	20.25	20.12	21.70
100	16QAM	1	1	20.11	20.28	20.21	21.70
100	64QAM	1	1	20.10	20.25	20.13	21.70
100	256QAM	1	1	20.11	20.24	20.17	21.70
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	20.18	20.21	20.29	21.70
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	20.20	20.20	20.29	21.70
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	20.23	20.21	20.21	21.70
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	20.24	20.22	20.23	21.70
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	20.18	20.20	20.29	21.70
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	20.20	20.27	20.19	21.70
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	20.16	20.31	20.24	21.70
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	20.17	20.27	20.24	21.70
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	20.14	20.24	20.18	21.70
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	20.25	20.21	20.24	21.70
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	20.15	20.26	20.23	21.70

【FR1 n77 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_Ant 19_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		20.30		21.70
100	PI/2 BPSK	1	137		20.18		21.70
100	PI/2 BPSK	1	271		20.29		21.70
100	PI/2 BPSK	135	0		20.27		21.70
100	PI/2 BPSK	135	69		20.27		21.70
100	PI/2 BPSK	135	138		20.30		21.70
100	PI/2 BPSK	270	0		20.21		21.70
100	QPSK	1	1		20.29		21.70
100	QPSK	1	137		20.22		21.70

100	QPSK	1	271		20.24		21.70
100	QPSK	135	0		20.30		21.70
100	QPSK	135	69		20.21		21.70
100	QPSK	135	138		20.24		21.70
100	QPSK	270	0		20.28		21.70
100	16QAM	1	1		20.19		21.70
100	64QAM	1	1		20.23		21.70
100	256QAM	1	1		20.27		21.70
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	20.22	20.28	20.25	21.70
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	20.13	20.25	20.23	21.70
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	20.15	20.24	20.22	21.70
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	20.16	20.21	20.19	21.70
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	20.19	20.23	20.15	21.70
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	20.18	20.25	20.13	21.70
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	20.15	20.24	20.19	21.70
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	20.16	20.27	20.24	21.70
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	20.15	20.17	20.15	21.70
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	20.20	20.16	20.16	21.70
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	20.16	21.70

【FR1 n77 (270)_FCC_Part 270

(3700~3980MHz)_HPUE_Ant 19_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	20.28	20.32	20.31	21.70
100	PI/2 BPSK	1	137	20.12	20.27	20.17	21.70
100	PI/2 BPSK	1	271	20.05	20.24	20.18	21.70
100	PI/2 BPSK	135	0	20.19	20.27	20.21	21.70
100	PI/2 BPSK	135	69	20.11	20.19	20.08	21.70
100	PI/2 BPSK	135	138	20.15	20.23	20.12	21.70
100	PI/2 BPSK	270	0	20.02	20.20	20.11	21.70
100	QPSK	1	1	20.08	20.23	20.14	21.70
100	QPSK	1	137	20.12	20.22	20.17	21.70
100	QPSK	1	271	20.10	20.27	20.20	21.70
100	QPSK	135	0	20.18	20.27	20.22	21.70
100	QPSK	135	69	20.15	20.27	20.11	21.70
100	QPSK	135	138	20.16	20.23	20.20	21.70
100	QPSK	270	0	20.14	20.25	20.12	21.70
100	16QAM	1	1	20.11	20.28	20.21	21.70
100	64QAM	1	1	20.10	20.25	20.13	21.70
100	256QAM	1	1	20.11	20.24	20.17	21.70
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	20.18	20.21	20.29	21.70
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	20.20	20.20	20.29	21.70
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)

70	PI/2 BPSK	1	1	20.23	20.21	20.21	21.70
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	20.24	20.22	20.23	21.70
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	20.18	20.20	20.29	21.70
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	20.20	20.27	20.19	21.70
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	20.16	20.31	20.24	21.70
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	20.17	20.27	20.24	21.70
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	20.14	20.24	20.18	21.70
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	20.25	20.21	20.24	21.70
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	20.15	20.26	20.23	21.70

【FR1 n77 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_Ant 19_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		20.30		21.70
100	PI/2 BPSK	1	137		20.18		21.70
100	PI/2 BPSK	1	271		20.29		21.70
100	PI/2 BPSK	135	0		20.27		21.70
100	PI/2 BPSK	135	69		20.27		21.70
100	PI/2 BPSK	135	138		20.30		21.70
100	PI/2 BPSK	270	0		20.21		21.70
100	QPSK	1	1		20.29		21.70
100	QPSK	1	137		20.22		21.70
100	QPSK	1	271		20.24		21.70
100	QPSK	135	0		20.30		21.70
100	QPSK	135	69		20.21		21.70
100	QPSK	135	138		20.24		21.70
100	QPSK	270	0		20.28		21.70
100	16QAM	1	1		20.19		21.70
100	64QAM	1	1		20.23		21.70
100	256QAM	1	1		20.27		21.70
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	20.22	20.28	20.25	21.70
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	20.13	20.25	20.23	21.70
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	20.15	20.24	20.22	21.70
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	20.16	20.21	20.19	21.70
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	20.19	20.23	20.15	21.70
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	20.18	20.25	20.13	21.70
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	20.15	20.24	20.19	21.70
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	20.16	20.27	20.24	21.70

Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	20.15	20.17	20.15	21.70
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	20.20	20.16	20.16	21.70
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	20.16	21.70

【FR1 n77 (270)_FCC_Part 270

(3700~3980MHz)_HPUE_Ant 19_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 (dBm)
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	20.28	20.32	20.31	21.70
100	PI/2 BPSK	1	137	20.12	20.27	20.17	21.70
100	PI/2 BPSK	1	271	20.05	20.24	20.18	21.70
100	PI/2 BPSK	135	0	20.19	20.27	20.21	21.70
100	PI/2 BPSK	135	69	20.11	20.19	20.08	21.70
100	PI/2 BPSK	135	138	20.15	20.23	20.12	21.70
100	PI/2 BPSK	270	0	20.02	20.20	20.11	21.70
100	QPSK	1	1	20.08	20.23	20.14	21.70
100	QPSK	1	137	20.12	20.22	20.17	21.70
100	QPSK	1	271	20.10	20.27	20.20	21.70
100	QPSK	135	0	20.18	20.27	20.22	21.70
100	QPSK	135	69	20.15	20.27	20.11	21.70
100	QPSK	135	138	20.16	20.23	20.20	21.70
100	QPSK	270	0	20.14	20.25	20.12	21.70
100	16QAM	1	1	20.11	20.28	20.21	21.70
100	64QAM	1	1	20.10	20.25	20.13	21.70
100	256QAM	1	1	20.11	20.24	20.17	21.70
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	20.18	20.21	20.29	21.70
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	20.20	20.20	20.29	21.70
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	20.23	20.21	20.21	21.70
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	20.24	20.22	20.23	21.70
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	20.18	20.20	20.29	21.70
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	20.20	20.27	20.19	21.70
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	20.16	20.31	20.24	21.70
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	20.17	20.27	20.24	21.70
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	20.14	20.24	20.18	21.70
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	20.25	20.21	20.24	21.70
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	20.15	20.26	20.23	21.70

【FR1 n78 (27Q)___FCC_Part 27Q (3450~3550MHz)___Ant

4_Default】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		25.34		25.70
100	PI/2 BPSK	1	137		25.10		25.70
100	PI/2 BPSK	1	271		25.30		25.70
100	PI/2 BPSK	135	0		24.87		25.20
100	PI/2 BPSK	135	69		25.30		25.70
100	PI/2 BPSK	135	138		24.73		25.20
100	PI/2 BPSK	270	0		25.18		25.20
100	QPSK	1	1		25.31		25.70
100	QPSK	1	137		25.18		25.70
100	QPSK	1	271		25.30		25.70
100	QPSK	135	0		24.36		24.70
100	QPSK	135	69		25.16		25.70
100	QPSK	135	138		24.42		24.70
100	QPSK	270	0		24.40		24.70
100	16QAM	1	1		24.34		24.70
100	64QAM	1	1		22.82		23.20
100	256QAM	1	1		20.89		21.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	25.27	25.30	25.29	25.70
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	25.14	25.22	25.23	25.70
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	25.12	25.15	25.18	25.70
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	25.20	25.25	25.19	25.70
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	25.24	25.29	25.22	25.70
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	25.18	25.26	25.27	25.70
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	25.24	25.18	25.26	25.70
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	25.16	25.25	25.19	25.70
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	25.12	25.19	25.15	25.70
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	25.12	25.19	25.26	25.70
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	25.19	25.18	25.26	25.70

【FR1 n78 (27O)___FCC_Part 27O (3700~3800MHz)___Ant

4_Default】

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		24.80		25.70
100	PI/2 BPSK	1	137		24.65		25.70
100	PI/2 BPSK	1	271		24.70		25.70
100	PI/2 BPSK	135	0		24.31		25.20
100	PI/2 BPSK	135	69		24.66		25.70
100	PI/2 BPSK	135	138		24.39		25.20

100	PI/2 BPSK	270	0		24.22		25.20
100	QPSK	1	1		24.85		25.70
100	QPSK	1	137		24.59		25.70
100	QPSK	1	271		24.69		25.70
100	QPSK	135	0		23.71		24.70
100	QPSK	135	69		24.62		25.70
100	QPSK	135	138		23.83		24.70
100	QPSK	270	0		23.76		24.70
100	16QAM	1	1		23.71		24.70
100	64QAM	1	1		22.35		23.20
100	256QAM	1	1		20.38		21.20
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	24.72	24.73	24.70	25.70
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	24.63	24.60	24.61	25.70
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	24.61	24.61	24.64	25.70
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	24.60	24.58	24.66	25.70
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	24.59	24.67	24.59	25.70
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	24.66	24.64	24.59	25.70
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	24.62	24.71	24.68	25.70
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	24.58	24.66	24.69	25.70
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	24.66	24.64	24.58	25.70
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	24.69	24.68	24.66	25.70
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	24.59	24.61	24.63	25.70

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant

4_default】

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		19.42		20.80
100	PI/2 BPSK	1	137		19.36		20.80
100	PI/2 BPSK	1	271		19.32		20.80
100	PI/2 BPSK	135	0		18.54		20.30
100	PI/2 BPSK	135	69		19.29		20.80
100	PI/2 BPSK	135	138		18.66		20.30
100	PI/2 BPSK	270	0		18.57		20.30
100	QPSK	1	1		19.18		20.80
100	QPSK	1	137		18.92		20.80
100	QPSK	1	271		19.32		20.80
100	QPSK	135	0		18.07		19.80
100	QPSK	135	69		19.00		20.80
100	QPSK	135	138		18.08		19.80
100	QPSK	270	0		18.09		19.80
100	16QAM	1	1		18.09		19.80
100	64QAM	1	1		16.73		18.30
100	256QAM	1	1		14.88		16.30
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	19.38	19.40	19.36	20.80
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)

80	PI/2 BPSK	1	1	19.25	19.35	19.34	20.80
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	19.35	19.35	19.28	20.80
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	19.37	19.30	19.26	20.80
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	19.34	19.28	19.34	20.80
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	19.32	19.31	19.31	20.80
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	19.36	19.31	19.26	20.80
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	19.35	19.27	19.33	20.80
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	19.36	19.36	19.21	20.80
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	19.34	19.38	19.24	20.80
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	19.28	19.26	19.22	20.80

【FR1 n78 (270)_FCC_Part 270 (3700~3800MHz)_Ant

4_default】

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		19.14		20.80
100	PI/2 BPSK	1	137		19.01		20.80
100	PI/2 BPSK	1	271		19.11		20.80
100	PI/2 BPSK	135	0		18.44		20.30
100	PI/2 BPSK	135	69		18.98		20.80
100	PI/2 BPSK	135	138		18.54		20.30
100	PI/2 BPSK	270	0		18.46		20.30
100	QPSK	1	1		19.06		20.80
100	QPSK	1	137		19.00		20.80
100	QPSK	1	271		19.13		20.80
100	QPSK	135	0		17.95		19.80
100	QPSK	135	69		18.83		20.80
100	QPSK	135	138		17.85		19.80
100	QPSK	270	0		17.92		19.80
100	16QAM	1	1		18.05		19.80
100	64QAM	1	1		16.60		18.30
100	256QAM	1	1		14.69		16.30
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	19.09	19.10	19.07	20.80
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	19.04	19.02	19.05	20.80
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	18.95	19.00	18.95	20.80
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	19.05	19.09	19.04	20.80
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	18.94	19.03	19.02	20.80
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	19.02	19.06	19.04	20.80
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	18.95	19.02	18.99	20.80

Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	19.05	19.07	18.93	20.80
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	18.97	19.06	18.94	20.80
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	19.02	18.95	18.98	20.80
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	19.04	18.96	18.95	20.80

【FR1 n78 (27Q)___FCC_Part 27Q (3450~3550MHz)_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					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		13.73		14.20
100	PI/2 BPSK	1	137		13.71		14.20
100	PI/2 BPSK	1	271		13.64		14.20
100	PI/2 BPSK	135	0		13.68		14.20
100	PI/2 BPSK	135	69		13.71		14.20
100	PI/2 BPSK	135	138		13.62		14.20
100	PI/2 BPSK	270	0		13.68		14.20
100	QPSK	1	1		13.70		14.20
100	QPSK	1	137		13.70		14.20
100	QPSK	1	271		13.62		14.20
100	QPSK	135	0		13.64		14.20
100	QPSK	135	69		13.67		14.20
100	QPSK	135	138		13.67		14.20
100	QPSK	270	0		13.69		14.20
100	16QAM	1	1		13.71		14.20
100	64QAM	1	1		13.67		14.20
100	256QAM	1	1		13.63		14.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	13.65	13.71	13.68	14.20
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	13.59	13.63	13.57	14.20
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	13.64	13.64	13.53	14.20
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	13.62	13.66	13.59	14.20
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	13.52	13.58	13.57	14.20
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	13.63	13.65	13.60	14.20
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	13.54	13.56	13.61	14.20
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	13.54	13.69	13.60	14.20
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	13.63	13.66	13.55	14.20
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	13.51	13.66	13.67	14.20
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	13.54	13.59	13.57	14.20

【FR1 n78 (270)_FCC_Part 270 (3700~3800MHz)_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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		13.44		14.20
100	PI/2 BPSK	1	137		13.33		14.20
100	PI/2 BPSK	1	271		13.33		14.20
100	PI/2 BPSK	135	0		13.36		14.20
100	PI/2 BPSK	135	69		13.43		14.20
100	PI/2 BPSK	135	138		13.40		14.20
100	PI/2 BPSK	270	0		13.39		14.20
100	QPSK	1	1		13.43		14.20
100	QPSK	1	137		13.34		14.20
100	QPSK	1	271		13.41		14.20
100	QPSK	135	0		13.40		14.20
100	QPSK	135	69		13.41		14.20
100	QPSK	135	138		13.31		14.20
100	QPSK	270	0		13.34		14.20
100	16QAM	1	1		13.35		14.20
100	64QAM	1	1		13.36		14.20
100	256QAM	1	1		13.37		14.20
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	13.41	13.43	13.38	14.20
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	13.34	13.29	13.31	14.20
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	13.39	13.35	13.35	14.20
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	13.34	13.39	13.30	14.20
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	13.29	13.41	13.26	14.20
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	13.33	13.30	13.24	14.20
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	13.26	13.37	13.28	14.20
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	13.38	13.41	13.23	14.20
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	13.30	13.38	13.31	14.20
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	13.33	13.36	13.29	14.20
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	13.29	13.38	13.26	14.20

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_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					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		13.59		15.00
100	PI/2 BPSK	1	137		13.48		15.00
100	PI/2 BPSK	1	271		13.55		15.00
100	PI/2 BPSK	135	0		13.53		15.00
100	PI/2 BPSK	135	69		13.58		15.00
100	PI/2 BPSK	135	138		13.52		15.00
100	PI/2 BPSK	270	0		13.52		15.00
100	QPSK	1	1		13.49		15.00

100	QPSK	1	137		13.56		15.00
100	QPSK	1	271		13.51		15.00
100	QPSK	135	0		13.50		15.00
100	QPSK	135	69		13.53		15.00
100	QPSK	135	138		13.56		15.00
100	QPSK	270	0		13.59		15.00
100	16QAM	1	1		13.57		15.00
100	64QAM	1	1		13.55		15.00
100	256QAM	1	1		13.50		15.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	13.54	13.56	13.52	15.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	13.40	13.41	13.43	15.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	13.52	13.45	13.39	15.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	13.39	13.46	13.50	15.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	13.46	13.43	13.50	15.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	13.50	13.43	13.41	15.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	13.48	13.54	13.43	15.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	13.48	13.51	13.44	15.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	13.42	13.42	13.44	15.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	13.48	13.51	13.42	15.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	13.44	13.52	13.42	15.00

【FR1 n78 (270)_FCC_Part 270 (3700~3800MHz)_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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		13.58		15.00
100	PI/2 BPSK	1	137		13.52		15.00
100	PI/2 BPSK	1	271		13.57		15.00
100	PI/2 BPSK	135	0		13.54		15.00
100	PI/2 BPSK	135	69		13.55		15.00
100	PI/2 BPSK	135	138		13.50		15.00
100	PI/2 BPSK	270	0		13.52		15.00
100	QPSK	1	1		13.54		15.00
100	QPSK	1	137		13.53		15.00
100	QPSK	1	271		13.51		15.00
100	QPSK	135	0		13.47		15.00
100	QPSK	135	69		13.47		15.00
100	QPSK	135	138		13.51		15.00
100	QPSK	270	0		13.47		15.00
100	16QAM	1	1		13.56		15.00
100	64QAM	1	1		13.49		15.00
100	256QAM	1	1		13.55		15.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	13.52	13.57	13.49	15.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	13.50	13.48	13.41	15.00
Channel				649000	650000	651000	Tune-up limit

		Frequency (MHz)			3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1		13.42	13.43	13.44	15.00
		Channel			648668	650000	651332	Tune-up limit
		Frequency (MHz)			3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1		13.39	13.42	13.41	15.00
		Channel			648334	650000	651666	Tune-up limit
		Frequency (MHz)			3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1		13.37	13.51	13.39	15.00
		Channel			648000	650000	652000	Tune-up limit
		Frequency (MHz)			3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1		13.39	13.47	13.48	15.00
		Channel			647668	650000	652332	Tune-up limit
		Frequency (MHz)			3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1		13.40	13.48	13.43	15.00
		Channel			647500	650000	652500	Tune-up limit
		Frequency (MHz)			3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1		13.47	13.52	13.35	15.00
		Channel			647334	650000	652666	Tune-up limit
		Frequency (MHz)			3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1		13.50	13.47	13.48	15.00
		Channel			647168	650000	652832	Tune-up limit
		Frequency (MHz)			3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1		13.38	13.44	13.41	15.00
		Channel			647000	650000	653000	Tune-up limit
		Frequency (MHz)			3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1		13.49	13.43	13.45	15.00

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_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)
					633332		
					3499.98		
100	PI/2 BPSK	1	1		18.23		18.70
100	PI/2 BPSK	1	137		18.21		18.70
100	PI/2 BPSK	1	271		18.18		18.70
100	PI/2 BPSK	135	0		18.12		18.70
100	PI/2 BPSK	135	69		18.19		18.70
100	PI/2 BPSK	135	138		18.12		18.70
100	PI/2 BPSK	270	0		18.18		18.70
100	QPSK	1	1		18.15		18.70
100	QPSK	1	137		18.11		18.70
100	QPSK	1	271		18.12		18.70
100	QPSK	135	0		18.22		18.70
100	QPSK	135	69		18.17		18.70
100	QPSK	135	138		18.15		18.70
100	QPSK	270	0		18.12		18.70
100	16QAM	1	1		18.19		18.70
100	64QAM	1	1		18.23		18.70
100	256QAM	1	1		18.20		18.70
				633000	633332	633666	Tune-up limit
				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	18.21	18.22	18.16	18.70
				632668	633332	634000	Tune-up limit
				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	18.19	18.08	18.04	18.70
				632334	633332	634332	Tune-up limit
				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	18.18	18.18	18.08	18.70
				632000	633332	634666	Tune-up limit
				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	18.07	18.18	18.04	18.70
				631668	633332	635000	Tune-up limit
				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	18.17	18.20	18.02	18.70
				631334	633332	635332	Tune-up limit
				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	18.15	18.16	18.12	18.70
				631000	633332	635666	Tune-up limit
				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	18.07	18.15	18.11	18.70
				630834	633332	635832	Tune-up limit
				3462.51	3499.98	3537.48	(dBm)

25	PI/2 BPSK	1	1	18.11	18.17	18.13	18.70
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	18.11	18.14	18.15	18.70
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	18.08	18.12	18.07	18.70
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	18.16	18.17	18.01	18.70

【FR1 n78 (270)_FCC_Part 270 (3700~3800MHz)_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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		17.91		18.70
100	PI/2 BPSK	1	137		17.87		18.70
100	PI/2 BPSK	1	271		17.81		18.70
100	PI/2 BPSK	135	0		17.79		18.70
100	PI/2 BPSK	135	69		17.88		18.70
100	PI/2 BPSK	135	138		17.78		18.70
100	PI/2 BPSK	270	0		17.83		18.70
100	QPSK	1	1		17.84		18.70
100	QPSK	1	137		17.79		18.70
100	QPSK	1	271		17.82		18.70
100	QPSK	135	0		17.87		18.70
100	QPSK	135	69		17.84		18.70
100	QPSK	135	138		17.86		18.70
100	QPSK	270	0		17.81		18.70
100	16QAM	1	1		17.77		18.70
100	64QAM	1	1		17.84		18.70
100	256QAM	1	1		17.83		18.70
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	17.82	17.86	17.85	18.70
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	17.79	17.81	17.72	18.70
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	17.68	17.75	17.72	18.70
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	17.71	17.84	17.72	18.70
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	17.76	17.79	17.77	18.70
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	17.70	17.84	17.74	18.70
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	17.72	17.81	17.76	18.70
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	17.72	17.76	17.81	18.70
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	17.76	17.82	17.76	18.70
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	17.67	17.77	17.72	18.70
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	17.78	17.80	17.78	18.70

【FR1 n78 (27Q)___FCC_Part 27Q (3450~3550MHz)_Ant 4_DSI

3]

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		18.08		19.50
100	PI/2 BPSK	1	137		18.02		19.50
100	PI/2 BPSK	1	271		18.03		19.50
100	PI/2 BPSK	135	0		18.03		19.50
100	PI/2 BPSK	135	69		18.05		19.50
100	PI/2 BPSK	135	138		17.95		19.50
100	PI/2 BPSK	270	0		17.95		19.50
100	QPSK	1	1		17.96		19.50
100	QPSK	1	137		18.00		19.50
100	QPSK	1	271		17.99		19.50
100	QPSK	135	0		17.94		19.50
100	QPSK	135	69		17.99		19.50
100	QPSK	135	138		17.97		19.50
100	QPSK	270	0		18.01		19.50
100	16QAM	1	1		18.00		19.50
100	64QAM	1	1		16.73		18.30
100	256QAM	1	1		14.88		16.30
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	18.05	18.07	18.01	19.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	17.98	17.96	17.86	19.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	18.01	18.05	17.90	19.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	17.91	18.02	17.88	19.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	17.97	17.93	17.87	19.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	17.95	17.97	17.98	19.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	17.96	18.03	17.99	19.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	17.98	18.01	17.99	19.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	17.94	17.96	17.94	19.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	17.99	18.05	17.98	19.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	18.03	17.95	17.93	19.50

【FR1 n78 (27O)___FCC_Part 27O (3700~3800MHz)_Ant 4_DSI

3]

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		18.05		19.50
100	PI/2 BPSK	1	137		18.04		19.50
100	PI/2 BPSK	1	271		17.98		19.50
100	PI/2 BPSK	135	0		17.92		19.50
100	PI/2 BPSK	135	69		18.01		19.50
100	PI/2 BPSK	135	138		17.99		19.50

100	PI/2 BPSK	270	0		17.96		19.50
100	QPSK	1	1		18.01		19.50
100	QPSK	1	137		17.99		19.50
100	QPSK	1	271		18.01		19.50
100	QPSK	135	0		18.03		19.50
100	QPSK	135	69		18.04		19.50
100	QPSK	135	138		17.99		19.50
100	QPSK	270	0		17.96		19.50
100	16QAM	1	1		17.96		19.50
100	64QAM	1	1		16.60		18.30
100	256QAM	1	1		14.69		16.30
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	17.95	17.98	17.93	19.50
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	17.81	17.94	17.80	19.50
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	17.88	17.84	17.90	19.50
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	17.84	17.89	17.85	19.50
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	17.81	17.95	17.80	19.50
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	17.91	17.96	17.87	19.50
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	17.91	17.85	17.79	19.50
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	17.82	17.84	17.87	19.50
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	17.88	17.97	17.81	19.50
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	17.93	17.96	17.92	19.50
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	17.83	17.93	17.88	19.50

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant

4_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					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		22.25		22.70
100	PI/2 BPSK	1	137		22.11		22.70
100	PI/2 BPSK	1	271		22.17		22.70
100	PI/2 BPSK	135	0		22.12		22.70
100	PI/2 BPSK	135	69		22.22		22.70
100	PI/2 BPSK	135	138		22.19		22.70
100	PI/2 BPSK	270	0		22.21		22.70
100	QPSK	1	1		22.22		22.70
100	QPSK	1	137		22.22		22.70
100	QPSK	1	271		22.22		22.70
100	QPSK	135	0		22.16		22.70
100	QPSK	135	69		22.20		22.70
100	QPSK	135	138		22.17		22.70
100	QPSK	270	0		22.13		22.70
100	16QAM	1	1		22.14		22.70
100	64QAM	1	1		22.08		22.70
100	256QAM	1	1		20.89		21.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	22.19	22.21	22.18	22.70
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)

80	PI/2 BPSK	1	1	22.14	22.12	22.16	22.70
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	22.07	22.15	22.16	22.70
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	22.11	22.19	22.16	22.70
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	22.10	22.13	22.04	22.70
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	22.10	22.13	22.16	22.70
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	22.11	22.13	22.10	22.70
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	22.09	22.11	22.05	22.70
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	22.15	22.13	22.06	22.70
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	22.14	22.08	22.03	22.70
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	22.11	22.18	22.04	22.70

【FR1 n78 (270)___FCC_Part 270 (3700~3800MHz)_Ant

4_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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		21.87		22.70
100	PI/2 BPSK	1	137		21.83		22.70
100	PI/2 BPSK	1	271		21.85		22.70
100	PI/2 BPSK	135	0		21.79		22.70
100	PI/2 BPSK	135	69		21.85		22.70
100	PI/2 BPSK	135	138		21.81		22.70
100	PI/2 BPSK	270	0		21.80		22.70
100	QPSK	1	1		21.84		22.70
100	QPSK	1	137		21.82		22.70
100	QPSK	1	271		21.77		22.70
100	QPSK	135	0		21.76		22.70
100	QPSK	135	69		21.88		22.70
100	QPSK	135	138		21.82		22.70
100	QPSK	270	0		21.79		22.70
100	16QAM	1	1		21.88		22.70
100	64QAM	1	1		21.81		22.70
100	256QAM	1	1		20.38		21.20
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	21.82	21.85	21.83	22.70
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	21.74	21.80	21.79	22.70
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	21.78	21.81	21.71	22.70
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	21.73	21.82	21.68	22.70
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	21.72	21.74	21.73	22.70
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	21.74	21.74	21.82	22.70
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	21.78	21.70	21.69	22.70

Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	21.77	21.76	21.70	22.70
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	21.70	21.79	21.70	22.70
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	21.71	21.81	21.78	22.70
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	21.79	21.77	21.77	22.70

【FR1 n78 (27Q)___FCC_Part 27Q (3450~3550MHz)_Ant 4_DS1

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		19.42		20.80
100	PI/2 BPSK	1	137		19.36		20.80
100	PI/2 BPSK	1	271		19.32		20.80
100	PI/2 BPSK	135	0		18.54		20.30
100	PI/2 BPSK	135	69		19.29		20.80
100	PI/2 BPSK	135	138		18.66		20.30
100	PI/2 BPSK	270	0		18.57		20.30
100	QPSK	1	1		19.18		20.80
100	QPSK	1	137		18.92		20.80
100	QPSK	1	271		19.32		20.80
100	QPSK	135	0		18.07		19.80
100	QPSK	135	69		19.00		20.80
100	QPSK	135	138		18.08		19.80
100	QPSK	270	0		18.09		19.80
100	16QAM	1	1		18.09		19.80
100	64QAM	1	1		16.73		18.30
100	256QAM	1	1		14.88		16.30
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	19.38	19.40	19.36	20.80
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	19.25	19.35	19.34	20.80
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	19.35	19.35	19.28	20.80
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	19.37	19.30	19.26	20.80
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	19.34	19.28	19.34	20.80
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	19.32	19.31	19.31	20.80
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	19.36	19.31	19.26	20.80
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	19.35	19.27	19.33	20.80
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	19.36	19.36	19.21	20.80
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	19.34	19.38	19.24	20.80
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	19.28	19.26	19.22	20.80

【FR1 n78 (270)_FCC_Part 270 (3700~3800MHz)_Ant 4_DSI

4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		19.14		20.80
100	PI/2 BPSK	1	137		19.01		20.80
100	PI/2 BPSK	1	271		19.11		20.80
100	PI/2 BPSK	135	0		18.44		20.30
100	PI/2 BPSK	135	69		18.98		20.80
100	PI/2 BPSK	135	138		18.54		20.30
100	PI/2 BPSK	270	0		18.46		20.30
100	QPSK	1	1		19.06		20.80
100	QPSK	1	137		19.00		20.80
100	QPSK	1	271		19.13		20.80
100	QPSK	135	0		17.95		19.80
100	QPSK	135	69		18.83		20.80
100	QPSK	135	138		17.85		19.80
100	QPSK	270	0		17.92		19.80
100	16QAM	1	1		18.05		19.80
100	64QAM	1	1		16.60		18.30
100	256QAM	1	1		14.69		16.30
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	19.09	19.10	19.07	20.80
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	19.04	19.02	19.05	20.80
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	18.95	19.00	18.95	20.80
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	19.05	19.09	19.04	20.80
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	18.94	19.03	19.02	20.80
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	19.02	19.06	19.04	20.80
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	18.95	19.02	18.99	20.80
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	19.05	19.07	18.93	20.80
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	18.97	19.06	18.94	20.80
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	19.02	18.95	18.98	20.80
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	19.04	18.96	18.95	20.80

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_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					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		13.73		14.20
100	PI/2 BPSK	1	137		13.71		14.20
100	PI/2 BPSK	1	271		13.64		14.20
100	PI/2 BPSK	135	0		13.68		14.20
100	PI/2 BPSK	135	69		13.71		14.20
100	PI/2 BPSK	135	138		13.62		14.20
100	PI/2 BPSK	270	0		13.68		14.20
100	QPSK	1	1		13.70		14.20

100	QPSK	1	137		13.70		14.20
100	QPSK	1	271		13.62		14.20
100	QPSK	135	0		13.64		14.20
100	QPSK	135	69		13.67		14.20
100	QPSK	135	138		13.67		14.20
100	QPSK	270	0		13.69		14.20
100	16QAM	1	1		13.71		14.20
100	64QAM	1	1		13.67		14.20
100	256QAM	1	1		13.63		14.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	13.65	13.71	13.68	14.20
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	13.59	13.63	13.57	14.20
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	13.64	13.64	13.53	14.20
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	13.62	13.66	13.59	14.20
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	13.52	13.58	13.57	14.20
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	13.63	13.65	13.60	14.20
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	13.54	13.56	13.61	14.20
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	13.54	13.69	13.60	14.20
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	13.63	13.66	13.55	14.20
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	13.51	13.66	13.67	14.20
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	13.54	13.59	13.57	14.20

【FR1 n78 (270)___FCC_Part 270 (3700~3800MHz)_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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		13.44		14.20
100	PI/2 BPSK	1	137		13.33		14.20
100	PI/2 BPSK	1	271		13.33		14.20
100	PI/2 BPSK	135	0		13.36		14.20
100	PI/2 BPSK	135	69		13.43		14.20
100	PI/2 BPSK	135	138		13.40		14.20
100	PI/2 BPSK	270	0		13.39		14.20
100	QPSK	1	1		13.43		14.20
100	QPSK	1	137		13.34		14.20
100	QPSK	1	271		13.41		14.20
100	QPSK	135	0		13.40		14.20
100	QPSK	135	69		13.41		14.20
100	QPSK	135	138		13.31		14.20
100	QPSK	270	0		13.34		14.20
100	16QAM	1	1		13.35		14.20
100	64QAM	1	1		13.36		14.20
100	256QAM	1	1		13.37		14.20
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	13.41	13.43	13.38	14.20
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	13.34	13.29	13.31	14.20
Channel				649000	650000	651000	Tune-up limit

		Frequency (MHz)			3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1		13.39	13.35	13.35	14.20
		Channel			648668	650000	651332	Tune-up limit
		Frequency (MHz)			3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1		13.34	13.39	13.30	14.20
		Channel			648334	650000	651666	Tune-up limit
		Frequency (MHz)			3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1		13.29	13.41	13.26	14.20
		Channel			648000	650000	652000	Tune-up limit
		Frequency (MHz)			3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1		13.33	13.30	13.24	14.20
		Channel			647668	650000	652332	Tune-up limit
		Frequency (MHz)			3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1		13.26	13.37	13.28	14.20
		Channel			647500	650000	652500	Tune-up limit
		Frequency (MHz)			3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1		13.38	13.41	13.23	14.20
		Channel			647334	650000	652666	Tune-up limit
		Frequency (MHz)			3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1		13.30	13.38	13.31	14.20
		Channel			647168	650000	652832	Tune-up limit
		Frequency (MHz)			3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1		13.33	13.36	13.29	14.20
		Channel			647000	650000	653000	Tune-up limit
		Frequency (MHz)			3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1		13.29	13.38	13.26	14.20

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_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)
					633332		
					3499.98		
100	PI/2 BPSK	1	1		13.59		15.00
100	PI/2 BPSK	1	137		13.48		15.00
100	PI/2 BPSK	1	271		13.55		15.00
100	PI/2 BPSK	135	0		13.53		15.00
100	PI/2 BPSK	135	69		13.58		15.00
100	PI/2 BPSK	135	138		13.52		15.00
100	PI/2 BPSK	270	0		13.52		15.00
100	QPSK	1	1		13.49		15.00
100	QPSK	1	137		13.56		15.00
100	QPSK	1	271		13.51		15.00
100	QPSK	135	0		13.50		15.00
100	QPSK	135	69		13.53		15.00
100	QPSK	135	138		13.56		15.00
100	QPSK	270	0		13.59		15.00
100	16QAM	1	1		13.57		15.00
100	64QAM	1	1		13.55		15.00
100	256QAM	1	1		13.50		15.00
				633000	633332	633666	Tune-up limit
				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	13.54	13.56	13.52	15.00
				632668	633332	634000	Tune-up limit
				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	13.40	13.41	13.43	15.00
				632334	633332	634332	Tune-up limit
				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	13.52	13.45	13.39	15.00
				632000	633332	634666	Tune-up limit
				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	13.39	13.46	13.50	15.00
				631668	633332	635000	Tune-up limit
				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	13.46	13.43	13.50	15.00
				631334	633332	635332	Tune-up limit
				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	13.50	13.43	13.41	15.00
				631000	633332	635666	Tune-up limit
				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	13.48	13.54	13.43	15.00
				630834	633332	635832	Tune-up limit
				3462.51	3499.98	3537.48	(dBm)

25	PI/2 BPSK	1	1	13.48	13.51	13.44	15.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	13.42	13.42	13.44	15.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	13.48	13.51	13.42	15.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	13.44	13.52	13.42	15.00

【FR1 n78 (270)___FCC_Part 270 (3700~3800MHz)_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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		13.58		15.00
100	PI/2 BPSK	1	137		13.52		15.00
100	PI/2 BPSK	1	271		13.57		15.00
100	PI/2 BPSK	135	0		13.54		15.00
100	PI/2 BPSK	135	69		13.55		15.00
100	PI/2 BPSK	135	138		13.50		15.00
100	PI/2 BPSK	270	0		13.52		15.00
100	QPSK	1	1		13.54		15.00
100	QPSK	1	137		13.53		15.00
100	QPSK	1	271		13.51		15.00
100	QPSK	135	0		13.47		15.00
100	QPSK	135	69		13.47		15.00
100	QPSK	135	138		13.51		15.00
100	QPSK	270	0		13.47		15.00
100	16QAM	1	1		13.56		15.00
100	64QAM	1	1		13.49		15.00
100	256QAM	1	1		13.55		15.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	13.52	13.57	13.49	15.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	13.50	13.48	13.41	15.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	13.42	13.43	13.44	15.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	13.39	13.42	13.41	15.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	13.37	13.51	13.39	15.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	13.39	13.47	13.48	15.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	13.40	13.48	13.43	15.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	13.47	13.52	13.35	15.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	13.50	13.47	13.48	15.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	13.38	13.44	13.41	15.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	13.49	13.43	13.45	15.00

【FR1 n78 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_Ant 4_Default】

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		27.21		28.50
100	PI/2 BPSK	1	137		27.16		28.50
100	PI/2 BPSK	1	271		27.09		28.50
100	PI/2 BPSK	135	0		26.70		28.00
100	PI/2 BPSK	135	69		27.19		28.50
100	PI/2 BPSK	135	138		26.72		28.00
100	PI/2 BPSK	270	0		26.66		28.00
100	QPSK	1	1		27.20		28.50
100	QPSK	1	137		27.12		28.50
100	QPSK	1	271		27.18		28.50
100	QPSK	135	0		26.13		27.50
100	QPSK	135	69		27.15		28.50
100	QPSK	135	138		26.31		27.50
100	QPSK	270	0		26.25		27.50
100	16QAM	1	1		26.49		27.50
100	64QAM	1	1		24.33		26.00
100	256QAM	1	1		22.23		24.00
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	27.17	27.18	27.16	28.50
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	27.03	27.15	27.06	28.50
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	27.04	27.03	27.08	28.50
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	27.10	27.09	27.02	28.50
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	27.05	27.14	27.05	28.50
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	27.10	27.13	27.08	28.50
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	27.05	27.16	27.05	28.50
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	27.04	27.10	27.02	28.50
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	27.03	27.10	27.08	28.50
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	27.07	27.08	27.13	28.50
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	27.14	27.13	27.09	28.50

【FR1 n78 (27O)_FCC_Part 27O

(3700~3800MHz)_HPUE_Ant 4_Default】

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		26.74		28.50
100	PI/2 BPSK	1	137		26.61		28.50
100	PI/2 BPSK	1	271		26.56		28.50
100	PI/2 BPSK	135	0		26.09		28.00
100	PI/2 BPSK	135	69		26.51		28.50
100	PI/2 BPSK	135	138		26.03		28.00

100	PI/2 BPSK	270	0		26.02		28.00
100	QPSK	1	1		26.78		28.50
100	QPSK	1	137		26.47		28.50
100	QPSK	1	271		26.66		28.50
100	QPSK	135	0		25.60		27.50
100	QPSK	135	69		26.37		28.50
100	QPSK	135	138		25.44		27.50
100	QPSK	270	0		25.58		27.50
100	16QAM	1	1		25.60		27.50
100	64QAM	1	1		23.86		26.00
100	256QAM	1	1		21.89		24.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	26.71	26.73	26.67	28.50
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	26.57	26.65	26.61	28.50
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	26.60	26.58	26.63	28.50
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	26.66	26.65	26.60	28.50
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	26.58	26.61	26.66	28.50
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	26.61	26.69	26.54	28.50
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	26.66	26.72	26.61	28.50
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	26.59	26.60	26.54	28.50
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	26.62	26.64	26.54	28.50
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	26.68	26.59	26.54	28.50
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	26.58	26.62	26.60	28.50

【FR1 n78 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_Ant 4_default】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.39		22.90
100	PI/2 BPSK	1	137		21.08		22.90
100	PI/2 BPSK	1	271		21.36		22.90
100	PI/2 BPSK	135	0		20.61		22.40
100	PI/2 BPSK	135	69		21.07		22.90
100	PI/2 BPSK	135	138		20.65		22.40
100	PI/2 BPSK	270	0		20.58		22.40
100	QPSK	1	1		21.13		22.90
100	QPSK	1	137		20.91		22.90
100	QPSK	1	271		21.36		22.90
100	QPSK	135	0		20.07		21.90
100	QPSK	135	69		20.96		22.90
100	QPSK	135	138		20.14		21.90
100	QPSK	270	0		20.15		21.90
100	16QAM	1	1		21.15		21.90
100	64QAM	1	1		18.55		20.40
100	256QAM	1	1		16.54		18.40
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	21.35	21.37	21.31	22.90
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)

80	PI/2 BPSK	1	1	21.24	21.22	21.30	22.90
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	21.27	21.26	21.19	22.90
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	21.29	21.25	21.29	22.90
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	21.29	21.26	21.24	22.90
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	21.23	21.29	21.26	22.90
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	21.26	21.27	21.22	22.90
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	21.29	21.35	21.26	22.90
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	21.33	21.35	21.16	22.90
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	21.26	21.25	21.20	22.90
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	21.26	21.31	21.20	22.90

【FR1 n78 (270)_FCC_Part 270

(3700~3800MHz)_HPUE_Ant 4_default】

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		21.25		22.70
100	PI/2 BPSK	1	137		21.20		22.70
100	PI/2 BPSK	1	271		21.16		22.70
100	PI/2 BPSK	135	0		20.42		22.20
100	PI/2 BPSK	135	69		20.86		22.70
100	PI/2 BPSK	135	138		20.44		22.20
100	PI/2 BPSK	270	0		20.65		22.20
100	QPSK	1	1		21.11		22.70
100	QPSK	1	137		20.92		22.70
100	QPSK	1	271		21.09		22.70
100	QPSK	135	0		19.90		21.70
100	QPSK	135	69		21.08		22.70
100	QPSK	135	138		19.88		21.70
100	QPSK	270	0		19.90		21.70
100	16QAM	1	1		20.04		21.70
100	64QAM	1	1		18.55		20.20
100	256QAM	1	1		16.66		18.20
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	21.20	21.23	21.17	22.70
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	21.06	21.13	21.10	22.70
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	21.13	21.21	21.12	22.70
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	21.16	21.20	21.08	22.70
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	21.12	21.14	21.12	22.70
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	21.17	21.15	21.12	22.70
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	21.06	21.18	21.05	22.70

Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	21.14	21.12	21.04	22.70
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	21.06	21.20	21.12	22.70
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	21.12	21.17	21.13	22.70
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	21.06	21.14	21.13	22.70

【FR1 n78 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_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					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		16.74		18.00
100	PI/2 BPSK	1	137		16.73		18.00
100	PI/2 BPSK	1	271		16.70		18.00
100	PI/2 BPSK	135	0		16.71		18.00
100	PI/2 BPSK	135	69		16.65		18.00
100	PI/2 BPSK	135	138		16.65		18.00
100	PI/2 BPSK	270	0		16.72		18.00
100	QPSK	1	1		16.72		18.00
100	QPSK	1	137		16.67		18.00
100	QPSK	1	271		16.69		18.00
100	QPSK	135	0		16.62		18.00
100	QPSK	135	69		16.70		18.00
100	QPSK	135	138		16.64		18.00
100	QPSK	270	0		16.68		18.00
100	16QAM	1	1		16.70		18.00
100	64QAM	1	1		16.68		18.00
100	256QAM	1	1		16.64		18.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	16.65	16.68	16.67	18.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	16.57	16.65	16.64	18.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	16.61	16.58	16.56	18.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	16.52	16.54	16.63	18.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	16.56	16.60	16.56	18.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	16.54	16.53	16.53	18.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	16.63	16.65	16.65	18.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	16.52	16.61	16.64	18.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	16.55	16.66	16.56	18.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	16.54	16.58	16.54	18.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	16.52	16.61	16.55	18.00

【FR1 n78 (270)_FCC_Part 270
(3700~3800MHz)_HPUE_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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		16.45		18.00
100	PI/2 BPSK	1	137		16.42		18.00
100	PI/2 BPSK	1	271		16.37		18.00
100	PI/2 BPSK	135	0		16.41		18.00
100	PI/2 BPSK	135	69		16.41		18.00
100	PI/2 BPSK	135	138		16.33		18.00
100	PI/2 BPSK	270	0		16.37		18.00
100	QPSK	1	1		16.39		18.00
100	QPSK	1	137		16.39		18.00
100	QPSK	1	271		16.43		18.00
100	QPSK	135	0		16.38		18.00
100	QPSK	135	69		16.35		18.00
100	QPSK	135	138		16.39		18.00
100	QPSK	270	0		16.33		18.00
100	16QAM	1	1		16.31		18.00
100	64QAM	1	1		16.39		18.00
100	256QAM	1	1		16.42		18.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	16.35	16.41	16.38	18.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	16.32	16.29	16.28	18.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	16.21	16.38	16.37	18.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	16.23	16.36	16.29	18.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	16.25	16.36	16.30	18.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	16.25	16.28	16.32	18.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	16.32	16.32	16.25	18.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	16.22	16.29	16.29	18.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	16.29	16.32	16.34	18.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	16.27	16.33	16.34	18.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	16.26	16.38	16.26	18.00

【FR1 n78 (27Q)_FCC_Part 27Q
(3450~3550MHz)_HPUE_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					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		16.60		18.00
100	PI/2 BPSK	1	137		16.53		18.00
100	PI/2 BPSK	1	271		16.56		18.00
100	PI/2 BPSK	135	0		16.53		18.00
100	PI/2 BPSK	135	69		16.56		18.00
100	PI/2 BPSK	135	138		16.50		18.00
100	PI/2 BPSK	270	0		16.55		18.00
100	QPSK	1	1		16.59		18.00

100	QPSK	1	137		16.56		18.00
100	QPSK	1	271		16.53		18.00
100	QPSK	135	0		16.54		18.00
100	QPSK	135	69		16.56		18.00
100	QPSK	135	138		16.57		18.00
100	QPSK	270	0		16.49		18.00
100	16QAM	1	1		16.48		18.00
100	64QAM	1	1		16.59		18.00
100	256QAM	1	1		16.53		18.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	16.45	16.57	16.52	18.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	16.31	16.46	16.42	18.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	16.39	16.46	16.45	18.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	16.38	16.44	16.43	18.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	16.34	16.53	16.40	18.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	16.30	16.54	16.48	18.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	16.41	16.45	16.39	18.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	16.43	16.52	16.50	18.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	16.44	16.51	16.41	18.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	16.31	16.52	16.44	18.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	16.32	16.55	16.48	18.00

【FR1 n78 (270)_FCC_Part 270

(3700~3800MHz)_HPUE_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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		16.57		18.00
100	PI/2 BPSK	1	137		16.55		18.00
100	PI/2 BPSK	1	271		16.56		18.00
100	PI/2 BPSK	135	0		16.49		18.00
100	PI/2 BPSK	135	69		16.57		18.00
100	PI/2 BPSK	135	138		16.58		18.00
100	PI/2 BPSK	270	0		16.49		18.00
100	QPSK	1	1		16.57		18.00
100	QPSK	1	137		16.57		18.00
100	QPSK	1	271		16.54		18.00
100	QPSK	135	0		16.51		18.00
100	QPSK	135	69		16.51		18.00
100	QPSK	135	138		16.59		18.00
100	QPSK	270	0		16.56		18.00
100	16QAM	1	1		16.55		18.00
100	64QAM	1	1		16.55		18.00
100	256QAM	1	1		16.52		18.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	16.52	16.55	16.48	18.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	16.45	16.51	16.39	18.00
Channel				649000	650000	651000	Tune-up limit

	Frequency (MHz)			3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	16.42	16.41	16.36	18.00
	Channel			648668	650000	651332	Tune-up limit
	Frequency (MHz)			3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	16.40	16.43	16.44	18.00
	Channel			648334	650000	651666	Tune-up limit
	Frequency (MHz)			3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	16.45	16.44	16.35	18.00
	Channel			648000	650000	652000	Tune-up limit
	Frequency (MHz)			3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	16.44	16.47	16.38	18.00
	Channel			647668	650000	652332	Tune-up limit
	Frequency (MHz)			3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	16.38	16.43	16.37	18.00
	Channel			647500	650000	652500	Tune-up limit
	Frequency (MHz)			3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	16.42	16.42	16.40	18.00
	Channel			647334	650000	652666	Tune-up limit
	Frequency (MHz)			3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	16.37	16.48	16.42	18.00
	Channel			647168	650000	652832	Tune-up limit
	Frequency (MHz)			3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	16.49	16.48	16.39	18.00
	Channel			647000	650000	653000	Tune-up limit
	Frequency (MHz)			3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	16.51	16.41	16.45	18.00

【FR1 n78 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_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				633332		
	Frequency (MHz)				3499.98		
100	PI/2 BPSK	1	1		21.25		22.50
100	PI/2 BPSK	1	137		21.17		22.50
100	PI/2 BPSK	1	271		21.16		22.50
100	PI/2 BPSK	135	0		21.20		22.50
100	PI/2 BPSK	135	69		21.23		22.50
100	PI/2 BPSK	135	138		21.14		22.50
100	PI/2 BPSK	270	0		21.19		22.50
100	QPSK	1	1		21.15		22.50
100	QPSK	1	137		21.13		22.50
100	QPSK	1	271		21.20		22.50
100	QPSK	135	0		21.15		22.50
100	QPSK	135	69		21.21		22.50
100	QPSK	135	138		21.20		22.50
100	QPSK	270	0		21.11		22.50
100	16QAM	1	1		21.17		22.50
100	64QAM	1	1		21.14		22.50
100	256QAM	1	1		21.14		22.50
	Channel			633000	633332	633666	Tune-up limit
	Frequency (MHz)			3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	21.21	21.24	21.23	22.50
	Channel			632668	633332	634000	Tune-up limit
	Frequency (MHz)			3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	21.16	21.18	21.12	22.50
	Channel			632334	633332	634332	Tune-up limit
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	21.08	21.15	21.19	22.50
	Channel			632000	633332	634666	Tune-up limit
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	21.18	21.19	21.16	22.50
	Channel			631668	633332	635000	Tune-up limit
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	21.08	21.19	21.09	22.50
	Channel			631334	633332	635332	Tune-up limit
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	21.12	21.22	21.14	22.50
	Channel			631000	633332	635666	Tune-up limit
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	21.12	21.15	21.15	22.50
	Channel			630834	633332	635832	Tune-up limit
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)

25	PI/2 BPSK	1	1	21.08	21.21	21.12	22.50
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	21.07	21.18	21.14	22.50
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	21.19	21.11	21.08	22.50
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	21.13	21.16	21.10	22.50

【FR1 n78 (270)_FCC_Part 270

(3700~3800MHz)_HPUE_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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		20.89		22.50
100	PI/2 BPSK	1	137		20.86		22.50
100	PI/2 BPSK	1	271		20.80		22.50
100	PI/2 BPSK	135	0		20.77		22.50
100	PI/2 BPSK	135	69		20.79		22.50
100	PI/2 BPSK	135	138		20.78		22.50
100	PI/2 BPSK	270	0		20.81		22.50
100	QPSK	1	1		20.82		22.50
100	QPSK	1	137		20.86		22.50
100	QPSK	1	271		20.86		22.50
100	QPSK	135	0		20.87		22.50
100	QPSK	135	69		20.87		22.50
100	QPSK	135	138		20.82		22.50
100	QPSK	270	0		20.83		22.50
100	16QAM	1	1		20.87		22.50
100	64QAM	1	1		20.86		22.50
100	256QAM	1	1		20.86		22.50
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	20.83	20.85	20.81	22.50
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	20.74	20.74	20.69	22.50
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	20.79	20.71	20.80	22.50
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	20.72	20.80	20.78	22.50
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	20.77	20.77	20.77	22.50
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	20.71	20.79	20.79	22.50
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	20.75	20.71	20.67	22.50
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	20.80	20.75	20.68	22.50
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	20.70	20.72	20.79	22.50
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	20.70	20.79	20.76	22.50
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	20.74	20.76	20.78	22.50

【FR1 n78 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_Ant 4_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		20.95		22.50
100	PI/2 BPSK	1	137		20.91		22.50
100	PI/2 BPSK	1	271		20.93		22.50
100	PI/2 BPSK	135	0		20.61		22.40
100	PI/2 BPSK	135	69		20.89		22.50
100	PI/2 BPSK	135	138		20.65		22.40
100	PI/2 BPSK	270	0		20.58		22.40
100	QPSK	1	1		20.91		22.50
100	QPSK	1	137		20.91		22.50
100	QPSK	1	271		20.94		22.50
100	QPSK	135	0		20.07		21.90
100	QPSK	135	69		20.96		22.50
100	QPSK	135	138		20.14		21.90
100	QPSK	270	0		20.15		21.90
100	16QAM	1	1		20.15		21.90
100	64QAM	1	1		18.55		20.40
100	256QAM	1	1		16.54		18.40
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	20.87	20.94	20.91	22.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	20.83	20.86	20.77	22.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	20.81	20.84	20.90	22.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	20.77	20.84	20.83	22.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	20.78	20.81	20.82	22.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	20.80	20.88	20.81	22.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	20.75	20.83	20.83	22.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	20.79	20.85	20.80	22.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	20.80	20.92	20.81	22.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	20.81	20.87	20.81	22.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	20.82	20.91	20.80	22.50

【FR1 n78 (270)_FCC_Part 270

(3700~3800MHz)_HPUE_Ant 4_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		20.98		22.50
100	PI/2 BPSK	1	137		20.95		22.50
100	PI/2 BPSK	1	271		20.93		22.50
100	PI/2 BPSK	135	0		20.42		22.20
100	PI/2 BPSK	135	69		20.86		22.50
100	PI/2 BPSK	135	138		20.44		22.20
100	PI/2 BPSK	270	0		20.65		22.20
100	QPSK	1	1		20.94		22.50
100	QPSK	1	137		20.92		22.50
100	QPSK	1	271		20.89		22.50

100	QPSK	135	0		19.90		21.70
100	QPSK	135	69		20.91		22.50
100	QPSK	135	138		19.88		21.70
100	QPSK	270	0		19.90		21.70
100	16QAM	1	1		20.04		21.70
100	64QAM	1	1		18.55		20.20
100	256QAM	1	1		16.66		18.20
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	20.91	20.95	20.89	22.50
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	20.85	20.81	20.79	22.50
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	20.82	20.90	20.77	22.50
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	20.85	20.91	20.84	22.50
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	20.90	20.93	20.76	22.50
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	20.80	20.80	20.77	22.50
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	20.85	20.87	20.86	22.50
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	20.77	20.84	20.76	22.50
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	20.78	20.92	20.82	22.50
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	20.86	20.87	20.80	22.50
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	20.85	20.88	20.85	22.50

【FR1 n78 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_Ant 4_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					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		25.24		26.50
100	PI/2 BPSK	1	137		25.15		26.50
100	PI/2 BPSK	1	271		25.21		26.50
100	PI/2 BPSK	135	0		25.12		26.50
100	PI/2 BPSK	135	69		25.23		26.50
100	PI/2 BPSK	135	138		25.12		26.50
100	PI/2 BPSK	270	0		25.15		26.50
100	QPSK	1	1		25.12		26.50
100	QPSK	1	137		25.19		26.50
100	QPSK	1	271		25.19		26.50
100	QPSK	135	0		25.14		26.50
100	QPSK	135	69		25.15		26.50
100	QPSK	135	138		25.21		26.50
100	QPSK	270	0		25.16		26.50
100	16QAM	1	1		25.17		26.50
100	64QAM	1	1		24.33		26.00
100	256QAM	1	1		22.23		24.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	25.14	25.19	25.18	26.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	25.00	25.13	25.14	26.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	24.99	25.05	25.08	26.50

Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	25.09	25.16	25.08	26.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	25.12	25.13	25.10	26.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	25.08	25.06	25.12	26.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	25.04	25.05	25.17	26.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	25.00	25.11	25.07	26.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	25.02	25.16	25.04	26.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	25.07	25.18	25.08	26.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	25.06	25.17	25.16	26.50

【FR1 n78 (270)_FCC_Part 270

(3700~3800MHz)_HPUE_Ant 4_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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		24.88		26.50
100	PI/2 BPSK	1	137		24.77		26.50
100	PI/2 BPSK	1	271		24.78		26.50
100	PI/2 BPSK	135	0		24.79		26.50
100	PI/2 BPSK	135	69		24.80		26.50
100	PI/2 BPSK	135	138		24.84		26.50
100	PI/2 BPSK	270	0		24.87		26.50
100	QPSK	1	1		24.87		26.50
100	QPSK	1	137		24.84		26.50
100	QPSK	1	271		24.79		26.50
100	QPSK	135	0		24.83		26.50
100	QPSK	135	69		24.83		26.50
100	QPSK	135	138		24.86		26.50
100	QPSK	270	0		24.83		26.50
100	16QAM	1	1		24.87		26.50
100	64QAM	1	1		23.86		26.00
100	256QAM	1	1		21.89		24.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	24.78	24.83	24.81	26.50
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	24.74	24.77	24.73	26.50
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	24.74	24.71	24.77	26.50
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	24.69	24.72	24.67	26.50
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	24.76	24.72	24.71	26.50
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	24.73	24.76	24.76	26.50
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	24.66	24.74	24.71	26.50
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	24.71	24.73	24.70	26.50
Channel				647334	650000	652666	Tune-up limit

20	Frequency (MHz)	3710.01	3750	3789.99	(dBm)
	PI/2 BPSK	24.77	24.81	24.66	26.50
	Channel	647168	650000	652832	Tune-up limit
	Frequency (MHz)	3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	24.68	24.77	24.69	26.50
	Channel	647000	650000	653000	Tune-up limit
	Frequency (MHz)	3705	3750	3795	(dBm)
10	PI/2 BPSK	24.66	24.81	24.71	26.50

【FR1 n78 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_Ant 4_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel				633332		
	Frequency (MHz)				3499.98		
100	PI/2 BPSK	1	1		21.39		22.90
100	PI/2 BPSK	1	137		21.08		22.90
100	PI/2 BPSK	1	271		21.36		22.90
100	PI/2 BPSK	135	0		20.61		22.40
100	PI/2 BPSK	135	69		21.07		22.90
100	PI/2 BPSK	135	138		20.65		22.40
100	PI/2 BPSK	270	0		20.58		22.40
100	QPSK	1	1		21.13		22.90
100	QPSK	1	137		20.91		22.90
100	QPSK	1	271		21.36		22.90
100	QPSK	135	0		20.07		21.90
100	QPSK	135	69		20.96		22.90
100	QPSK	135	138		20.14		21.90
100	QPSK	270	0		20.15		21.90
100	16QAM	1	1		21.15		21.90
100	64QAM	1	1		18.55		20.40
100	256QAM	1	1		16.54		18.40
	Channel			633000	633332	633666	Tune-up limit
	Frequency (MHz)			3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	21.35	21.37	21.31	22.90
	Channel			632668	633332	634000	Tune-up limit
	Frequency (MHz)			3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	21.24	21.22	21.30	22.90
	Channel			632334	633332	634332	Tune-up limit
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	21.27	21.26	21.19	22.90
	Channel			632000	633332	634666	Tune-up limit
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	21.29	21.25	21.29	22.90
	Channel			631668	633332	635000	Tune-up limit
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	21.29	21.26	21.24	22.90
	Channel			631334	633332	635332	Tune-up limit
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	21.23	21.29	21.26	22.90
	Channel			631000	633332	635666	Tune-up limit
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	21.26	21.27	21.22	22.90
	Channel			630834	633332	635832	Tune-up limit
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	21.29	21.35	21.26	22.90
	Channel			630668	633332	636000	Tune-up limit
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	21.33	21.35	21.16	22.90
	Channel			630500	633332	636166	Tune-up limit
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	21.26	21.25	21.20	22.90
	Channel			630334	633332	636332	Tune-up limit
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	21.26	21.31	21.20	22.90

【FR1 n78 (270)_FCC_Part 270

(3700~3800MHz)_HPUE_Ant 4_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		21.25		22.70
100	PI/2 BPSK	1	137		21.20		22.70
100	PI/2 BPSK	1	271		21.16		22.70
100	PI/2 BPSK	135	0		20.42		22.20
100	PI/2 BPSK	135	69		20.86		22.70
100	PI/2 BPSK	135	138		20.44		22.20
100	PI/2 BPSK	270	0		20.65		22.20
100	QPSK	1	1		21.11		22.70
100	QPSK	1	137		20.92		22.70
100	QPSK	1	271		21.09		22.70
100	QPSK	135	0		19.90		21.70
100	QPSK	135	69		21.08		22.70
100	QPSK	135	138		19.88		21.70
100	QPSK	270	0		19.90		21.70
100	16QAM	1	1		20.04		21.70
100	64QAM	1	1		18.55		20.20
100	256QAM	1	1		16.66		18.20
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	21.20	21.23	21.17	22.70
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	21.06	21.13	21.10	22.70
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	21.13	21.21	21.12	22.70
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	21.16	21.20	21.08	22.70
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	21.12	21.14	21.12	22.70
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	21.17	21.15	21.12	22.70
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	21.06	21.18	21.05	22.70
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	21.14	21.12	21.04	22.70
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	21.06	21.20	21.12	22.70
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	21.12	21.17	21.13	22.70
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	21.06	21.14	21.13	22.70

【FR1 n78 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_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					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		16.74		18.00
100	PI/2 BPSK	1	137		16.73		18.00
100	PI/2 BPSK	1	271		16.70		18.00
100	PI/2 BPSK	135	0		16.71		18.00
100	PI/2 BPSK	135	69		16.65		18.00
100	PI/2 BPSK	135	138		16.65		18.00

100	PI/2 BPSK	270	0		16.72		18.00
100	QPSK	1	1		16.72		18.00
100	QPSK	1	137		16.67		18.00
100	QPSK	1	271		16.69		18.00
100	QPSK	135	0		16.62		18.00
100	QPSK	135	69		16.70		18.00
100	QPSK	135	138		16.64		18.00
100	QPSK	270	0		16.68		18.00
100	16QAM	1	1		16.70		18.00
100	64QAM	1	1		16.68		18.00
100	256QAM	1	1		16.64		18.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	16.65	16.68	16.67	18.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	16.57	16.65	16.64	18.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	16.61	16.58	16.56	18.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	16.52	16.54	16.63	18.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	16.56	16.60	16.56	18.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	16.54	16.53	16.53	18.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	16.63	16.65	16.65	18.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	16.52	16.61	16.64	18.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	16.55	16.66	16.56	18.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	16.54	16.58	16.54	18.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	16.52	16.61	16.55	18.00

【FR1 n78 (270)_FCC_Part 270

(3700~3800MHz)_HPUE_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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		16.45		18.00
100	PI/2 BPSK	1	137		16.42		18.00
100	PI/2 BPSK	1	271		16.37		18.00
100	PI/2 BPSK	135	0		16.41		18.00
100	PI/2 BPSK	135	69		16.41		18.00
100	PI/2 BPSK	135	138		16.33		18.00
100	PI/2 BPSK	270	0		16.37		18.00
100	QPSK	1	1		16.39		18.00
100	QPSK	1	137		16.39		18.00
100	QPSK	1	271		16.43		18.00
100	QPSK	135	0		16.38		18.00
100	QPSK	135	69		16.35		18.00
100	QPSK	135	138		16.39		18.00
100	QPSK	270	0		16.33		18.00
100	16QAM	1	1		16.31		18.00
100	64QAM	1	1		16.39		18.00
100	256QAM	1	1		16.42		18.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	16.35	16.41	16.38	18.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)

80	PI/2 BPSK	1	1	16.32	16.29	16.28	18.00
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	16.21	16.38	16.37	18.00
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	16.23	16.36	16.29	18.00
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	16.25	16.36	16.30	18.00
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	16.25	16.28	16.32	18.00
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	16.32	16.32	16.25	18.00
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	16.22	16.29	16.29	18.00
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	16.29	16.32	16.34	18.00
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	16.27	16.33	16.34	18.00
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	16.26	16.38	16.26	18.00

【FR1 n78 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_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					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		16.60		18.00
100	PI/2 BPSK	1	137		16.53		18.00
100	PI/2 BPSK	1	271		16.56		18.00
100	PI/2 BPSK	135	0		16.53		18.00
100	PI/2 BPSK	135	69		16.56		18.00
100	PI/2 BPSK	135	138		16.50		18.00
100	PI/2 BPSK	270	0		16.55		18.00
100	QPSK	1	1		16.59		18.00
100	QPSK	1	137		16.56		18.00
100	QPSK	1	271		16.53		18.00
100	QPSK	135	0		16.54		18.00
100	QPSK	135	69		16.56		18.00
100	QPSK	135	138		16.57		18.00
100	QPSK	270	0		16.49		18.00
100	16QAM	1	1		16.48		18.00
100	64QAM	1	1		16.59		18.00
100	256QAM	1	1		16.53		18.00
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	16.45	16.57	16.52	18.00
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	16.31	16.46	16.42	18.00
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	16.39	16.46	16.45	18.00
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	16.38	16.44	16.43	18.00
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	16.34	16.53	16.40	18.00
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	16.30	16.54	16.48	18.00
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	16.41	16.45	16.39	18.00

Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	16.43	16.52	16.50	18.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	16.44	16.51	16.41	18.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	16.31	16.52	16.44	18.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	16.32	16.55	16.48	18.00

【FR1 n78 (270)___FCC_Part 270

(3700~3800MHz)_HPUE_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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		16.57		18.00
100	PI/2 BPSK	1	137		16.55		18.00
100	PI/2 BPSK	1	271		16.56		18.00
100	PI/2 BPSK	135	0		16.49		18.00
100	PI/2 BPSK	135	69		16.57		18.00
100	PI/2 BPSK	135	138		16.58		18.00
100	PI/2 BPSK	270	0		16.49		18.00
100	QPSK	1	1		16.57		18.00
100	QPSK	1	137		16.57		18.00
100	QPSK	1	271		16.54		18.00
100	QPSK	135	0		16.51		18.00
100	QPSK	135	69		16.51		18.00
100	QPSK	135	138		16.59		18.00
100	QPSK	270	0		16.56		18.00
100	16QAM	1	1		16.55		18.00
100	64QAM	1	1		16.55		18.00
100	256QAM	1	1		16.52		18.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	16.52	16.55	16.48	18.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	16.45	16.51	16.39	18.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	16.42	16.41	16.36	18.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	16.40	16.43	16.44	18.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	16.45	16.44	16.35	18.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	16.44	16.47	16.38	18.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	16.38	16.43	16.37	18.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	16.42	16.42	16.40	18.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	16.37	16.48	16.42	18.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	16.49	16.48	16.39	18.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	16.51	16.41	16.45	18.00

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant

5_Default】

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		24.92		25.70
100	PI/2 BPSK	1	137		24.73		25.70
100	PI/2 BPSK	1	271		24.84		25.70
100	PI/2 BPSK	135	0		24.38		25.20
100	PI/2 BPSK	135	69		24.79		25.70
100	PI/2 BPSK	135	138		24.24		25.20
100	PI/2 BPSK	270	0		24.30		25.20
100	QPSK	1	1		24.90		25.70
100	QPSK	1	137		24.70		25.70
100	QPSK	1	271		24.88		25.70
100	QPSK	135	0		23.83		24.70
100	QPSK	135	69		24.71		25.70
100	QPSK	135	138		23.79		24.70
100	QPSK	270	0		23.80		24.70
100	16QAM	1	1		23.92		24.70
100	64QAM	1	1		22.43		23.20
100	256QAM	1	1		20.38		21.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	24.87	24.90	24.88	25.70
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	24.86	24.76	24.86	25.70
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	24.82	24.80	24.74	25.70
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	24.78	24.87	24.78	25.70
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	24.76	24.83	24.79	25.70
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	24.84	24.81	24.82	25.70
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	24.84	24.76	24.85	25.70
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	24.83	24.78	24.80	25.70
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	24.73	24.80	24.80	25.70
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	24.74	24.84	24.74	25.70
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	24.75	24.80	24.79	25.70

【FR1 n78 (27O)_FCC_Part 27O (3700~3800MHz)_Ant

5_Default】

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		24.88		25.70
100	PI/2 BPSK	1	137		24.87		25.70
100	PI/2 BPSK	1	271		24.86		25.70
100	PI/2 BPSK	135	0		24.39		25.20
100	PI/2 BPSK	135	69		24.85		25.70
100	PI/2 BPSK	135	138		24.35		25.20
100	PI/2 BPSK	270	0		24.41		25.20
100	QPSK	1	1		24.83		25.70

100	QPSK	1	137		24.83		25.70
100	QPSK	1	271		24.87		25.70
100	QPSK	135	0		23.85		24.70
100	QPSK	135	69		24.82		25.70
100	QPSK	135	138		23.82		24.70
100	QPSK	270	0		23.86		24.70
100	16QAM	1	1		23.85		24.70
100	64QAM	1	1		22.37		23.20
100	256QAM	1	1		20.30		21.20
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	24.85	24.87	24.82	25.70
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	24.73	24.79	24.69	25.70
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	24.82	24.79	24.79	25.70
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	24.74	24.74	24.67	25.70
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	24.68	25.70
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	24.70	24.72	24.79	25.70
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	24.81	24.82	24.71	25.70
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	24.83	24.78	24.81	25.70
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	24.71	24.86	24.76	25.70
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	24.83	24.85	24.77	25.70
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	24.81	24.81	24.74	25.70

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant

5_default】

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		19.52		21.10
100	PI/2 BPSK	1	137		19.17		21.10
100	PI/2 BPSK	1	271		19.05		21.10
100	PI/2 BPSK	135	0		18.73		20.60
100	PI/2 BPSK	135	69		19.15		21.10
100	PI/2 BPSK	135	138		18.57		20.60
100	PI/2 BPSK	270	0		18.65		20.60
100	QPSK	1	1		19.55		21.10
100	QPSK	1	137		19.02		21.10
100	QPSK	1	271		19.04		21.10
100	QPSK	135	0		18.27		20.10
100	QPSK	135	69		19.09		21.10
100	QPSK	135	138		18.02		20.10
100	QPSK	270	0		18.15		20.10
100	16QAM	1	1		18.42		20.10
100	64QAM	1	1		16.91		18.60
100	256QAM	1	1		15.12		16.60
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	19.40	19.43	19.37	21.10
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	19.25	19.36	19.23	21.10
Channel				632334	633332	634332	Tune-up limit

	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	19.29	19.29	19.27	21.10
	Channel			632000	633332	634666	Tune-up limit
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	19.29	19.38	19.25	21.10
	Channel			631668	633332	635000	Tune-up limit
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	19.31	19.40	19.35	21.10
	Channel			631334	633332	635332	Tune-up limit
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	19.34	19.29	19.28	21.10
	Channel			631000	633332	635666	Tune-up limit
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	19.26	19.40	19.32	21.10
	Channel			630834	633332	635832	Tune-up limit
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	19.29	19.32	19.24	21.10
	Channel			630668	633332	636000	Tune-up limit
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	19.36	19.41	19.25	21.10
	Channel			630500	633332	636166	Tune-up limit
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	19.30	19.30	19.26	21.10
	Channel			630334	633332	636332	Tune-up limit
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	19.34	19.39	19.24	21.10

【FR1 n78 (270)_FCC_Part 270 (3700~3800MHz)_Ant

5_default】

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		19.52		21.00
100	PI/2 BPSK	1	137		19.44		21.00
100	PI/2 BPSK	1	271		19.45		21.00
100	PI/2 BPSK	135	0		18.90		20.50
100	PI/2 BPSK	135	69		19.45		21.00
100	PI/2 BPSK	135	138		18.96		20.50
100	PI/2 BPSK	270	0		18.98		20.50
100	QPSK	1	1		19.56		21.00
100	QPSK	1	137		19.41		21.00
100	QPSK	1	271		19.46		21.00
100	QPSK	135	0		18.39		20.00
100	QPSK	135	69		19.37		21.00
100	QPSK	135	138		18.40		20.00
100	QPSK	270	0		18.48		20.00
100	16QAM	1	1		18.43		20.00
100	64QAM	1	1		16.97		18.50
100	256QAM	1	1		15.12		16.50
	Channel			649668	650000	650332	Tune-up limit
	Frequency (MHz)			3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	19.47	19.49	19.45	21.00
	Channel			649334	650000	650666	Tune-up limit
	Frequency (MHz)			3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	19.34	19.39	19.41	21.00
	Channel			649000	650000	651000	Tune-up limit
	Frequency (MHz)			3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	19.35	19.36	19.43	21.00
	Channel			648668	650000	651332	Tune-up limit
	Frequency (MHz)			3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	19.41	19.42	19.35	21.00
	Channel			648334	650000	651666	Tune-up limit
	Frequency (MHz)			3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	19.37	19.44	19.43	21.00
	Channel			648000	650000	652000	Tune-up limit
	Frequency (MHz)			3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	19.44	19.42	19.31	21.00
	Channel			647668	650000	652332	Tune-up limit
	Frequency (MHz)			3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	19.35	19.37	19.39	21.00
	Channel			647500	650000	652500	Tune-up limit
	Frequency (MHz)			3712.5	3750	3787.5	(dBm)

25	PI/2 BPSK	1	1	19.35	19.41	19.32	21.00
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	19.45	19.39	19.37	21.00
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	19.39	19.46	19.36	21.00
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	19.33	19.38	19.36	21.00

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_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					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		15.58		16.20
100	PI/2 BPSK	1	137		15.52		16.20
100	PI/2 BPSK	1	271		15.54		16.20
100	PI/2 BPSK	135	0		15.55		16.20
100	PI/2 BPSK	135	69		15.56		16.20
100	PI/2 BPSK	135	138		15.52		16.20
100	PI/2 BPSK	270	0		15.51		16.20
100	QPSK	1	1		15.56		16.20
100	QPSK	1	137		15.48		16.20
100	QPSK	1	271		15.50		16.20
100	QPSK	135	0		15.49		16.20
100	QPSK	135	69		15.48		16.20
100	QPSK	135	138		15.54		16.20
100	QPSK	270	0		15.50		16.20
100	16QAM	1	1		15.51		16.20
100	64QAM	1	1		15.49		16.20
100	256QAM	1	1		15.54		16.20
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	15.45	15.54	15.51	16.20
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	15.42	15.46	15.47	16.20
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	15.42	15.53	15.46	16.20
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	15.43	15.41	15.38	16.20
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	15.39	15.49	15.48	16.20
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	15.33	15.42	15.45	16.20
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	15.39	15.41	15.45	16.20
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	15.37	15.51	15.43	16.20
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	15.39	15.47	15.46	16.20
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	15.39	15.45	15.48	16.20
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	15.38	15.53	15.45	16.20

【FR1 n78 (270)_FCC_Part 270 (3700~3800MHz)_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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		15.58		16.20
100	PI/2 BPSK	1	137		15.54		16.20
100	PI/2 BPSK	1	271		15.53		16.20
100	PI/2 BPSK	135	0		15.53		16.20
100	PI/2 BPSK	135	69		15.57		16.20
100	PI/2 BPSK	135	138		15.45		16.20
100	PI/2 BPSK	270	0		15.54		16.20
100	QPSK	1	1		15.53		16.20
100	QPSK	1	137		15.53		16.20
100	QPSK	1	271		15.54		16.20
100	QPSK	135	0		15.50		16.20
100	QPSK	135	69		15.46		16.20
100	QPSK	135	138		15.45		16.20
100	QPSK	270	0		15.51		16.20
100	16QAM	1	1		15.45		16.20
100	64QAM	1	1		15.45		16.20
100	256QAM	1	1		15.48		16.20
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	15.52	15.56	15.53	16.20
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	15.39	15.42	15.40	16.20
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	15.46	15.41	15.48	16.20
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	15.50	15.47	15.44	16.20
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	15.44	15.49	15.47	16.20
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	15.48	15.44	15.40	16.20
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	15.48	15.54	15.50	16.20
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	15.50	15.51	15.50	16.20
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	15.50	15.51	15.42	16.20
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	15.48	15.48	15.47	16.20
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	15.39	15.48	15.48	16.20

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_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					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		15.61		17.00
100	PI/2 BPSK	1	137		15.46		17.00
100	PI/2 BPSK	1	271		15.42		17.00
100	PI/2 BPSK	135	0		15.40		17.00
100	PI/2 BPSK	135	69		15.57		17.00
100	PI/2 BPSK	135	138		15.46		17.00
100	PI/2 BPSK	270	0		15.51		17.00
100	QPSK	1	1		15.46		17.00
100	QPSK	1	137		15.51		17.00

100	QPSK	1	271		15.58		17.00
100	QPSK	135	0		15.46		17.00
100	QPSK	135	69		15.52		17.00
100	QPSK	135	138		15.58		17.00
100	QPSK	270	0		15.47		17.00
100	16QAM	1	1		15.50		17.00
100	64QAM	1	1		15.44		17.00
100	256QAM	1	1		15.12		16.60
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	15.54	15.57	15.49	17.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	15.44	15.52	15.45	17.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	15.47	15.53	15.46	17.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	15.41	15.56	15.42	17.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	15.52	15.56	15.46	17.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	15.48	15.55	15.43	17.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	15.53	15.48	15.48	17.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	15.44	15.52	15.35	17.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	15.48	15.51	15.38	17.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	15.45	15.49	15.43	17.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	15.52	15.42	15.35	17.00

【FR1 n78 (270)___FCC_Part 270 (3700~3800MHz)_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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		15.59		17.00
100	PI/2 BPSK	1	137		15.57		17.00
100	PI/2 BPSK	1	271		15.41		17.00
100	PI/2 BPSK	135	0		15.50		17.00
100	PI/2 BPSK	135	69		15.54		17.00
100	PI/2 BPSK	135	138		15.49		17.00
100	PI/2 BPSK	270	0		15.48		17.00
100	QPSK	1	1		15.42		17.00
100	QPSK	1	137		15.56		17.00
100	QPSK	1	271		15.59		17.00
100	QPSK	135	0		15.48		17.00
100	QPSK	135	69		15.54		17.00
100	QPSK	135	138		15.59		17.00
100	QPSK	270	0		15.57		17.00
100	16QAM	1	1		15.44		17.00
100	64QAM	1	1		15.43		17.00
100	256QAM	1	1		15.12		16.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	15.52	15.57	15.55	17.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	15.47	15.44	15.47	17.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)

70	PI/2 BPSK	1	1	15.49	15.56	15.43	17.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	15.47	15.55	15.49	17.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	15.47	15.51	15.52	17.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	15.39	15.53	15.41	17.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	15.50	15.44	15.45	17.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	15.50	15.50	15.54	17.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	15.48	15.48	15.41	17.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	15.40	15.49	15.44	17.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	15.43	15.52	15.51	17.00

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant

5_DS13]

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		17.60		18.20
100	PI/2 BPSK	1	137		17.56		18.20
100	PI/2 BPSK	1	271		17.58		18.20
100	PI/2 BPSK	135	0		17.54		18.20
100	PI/2 BPSK	135	69		17.58		18.20
100	PI/2 BPSK	135	138		17.52		18.20
100	PI/2 BPSK	270	0		17.56		18.20
100	QPSK	1	1		17.55		18.20
100	QPSK	1	137		17.59		18.20
100	QPSK	1	271		17.58		18.20
100	QPSK	135	0		17.52		18.20
100	QPSK	135	69		17.61		18.20
100	QPSK	135	138		17.61		18.20
100	QPSK	270	0		17.57		18.20
100	16QAM	1	1		17.53		18.20
100	64QAM	1	1		17.55		18.20
100	256QAM	1	1		17.57		18.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	17.52	17.57	17.55	18.20
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	17.37	17.52	17.53	18.20
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	17.49	17.50	17.42	18.20
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	17.51	17.51	17.52	18.20
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	17.46	17.50	17.48	18.20
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	17.43	17.51	17.46	18.20
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	17.45	17.43	17.50	18.20
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	17.40	17.56	17.47	18.20

Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	17.38	17.48	17.54	18.20
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	17.42	17.50	17.53	18.20
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	17.43	17.55	17.51	18.20

【FR1 n78 (270)_FCC_Part 270 (3700~3800MHz)_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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		17.58		18.20
100	PI/2 BPSK	1	137		17.55		18.20
100	PI/2 BPSK	1	271		17.52		18.20
100	PI/2 BPSK	135	0		17.52		18.20
100	PI/2 BPSK	135	69		17.56		18.20
100	PI/2 BPSK	135	138		17.50		18.20
100	PI/2 BPSK	270	0		17.53		18.20
100	QPSK	1	1		17.52		18.20
100	QPSK	1	137		17.49		18.20
100	QPSK	1	271		17.56		18.20
100	QPSK	135	0		17.46		18.20
100	QPSK	135	69		17.58		18.20
100	QPSK	135	138		17.57		18.20
100	QPSK	270	0		17.55		18.20
100	16QAM	1	1		17.51		18.20
100	64QAM	1	1		17.47		18.20
100	256QAM	1	1		17.56		18.20
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	17.45	17.54	17.51	18.20
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	17.39	17.47	17.39	18.20
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	17.32	17.49	17.37	18.20
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	17.30	17.44	17.49	18.20
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	17.43	17.40	17.40	18.20
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	17.34	17.40	17.36	18.20
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	17.34	17.52	17.41	18.20
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	17.44	17.49	17.47	18.20
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	17.32	17.45	17.41	18.20
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	17.36	17.48	17.38	18.20
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	17.32	17.43	17.40	18.20

【FR1 n78 (27Q)___FCC_Part 27Q (3450~3550MHz)_Ant 5_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		17.58		19.00
100	PI/2 BPSK	1	137		17.55		19.00
100	PI/2 BPSK	1	271		17.52		19.00
100	PI/2 BPSK	135	0		17.54		19.00
100	PI/2 BPSK	135	69		17.56		19.00
100	PI/2 BPSK	135	138		17.51		19.00
100	PI/2 BPSK	270	0		17.49		19.00
100	QPSK	1	1		17.52		19.00
100	QPSK	1	137		17.49		19.00
100	QPSK	1	271		17.53		19.00
100	QPSK	135	0		17.50		19.00
100	QPSK	135	69		17.52		19.00
100	QPSK	135	138		17.55		19.00
100	QPSK	270	0		17.46		19.00
100	16QAM	1	1		17.56		19.00
100	64QAM	1	1		16.91		18.60
100	256QAM	1	1		15.12		16.60
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	17.46	17.52	17.49	19.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	17.44	17.48	17.42	19.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	17.33	17.38	17.35	19.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	17.37	17.46	17.44	19.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	17.36	17.38	17.43	19.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	17.32	17.45	17.35	19.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	17.35	17.47	17.42	19.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	17.33	17.49	17.36	19.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	17.38	17.47	17.44	19.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	17.31	17.44	17.34	19.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	17.33	17.51	17.39	19.00

【FR1 n78 (27O)___FCC_Part 27O (3700~3800MHz)_Ant 5_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		17.58		19.00
100	PI/2 BPSK	1	137		17.52		19.00
100	PI/2 BPSK	1	271		17.56		19.00
100	PI/2 BPSK	135	0		17.56		19.00
100	PI/2 BPSK	135	69		17.57		19.00
100	PI/2 BPSK	135	138		17.52		19.00

100	PI/2 BPSK	270	0		17.51		19.00
100	QPSK	1	1		17.52		19.00
100	QPSK	1	137		17.57		19.00
100	QPSK	1	271		17.49		19.00
100	QPSK	135	0		17.50		19.00
100	QPSK	135	69		17.53		19.00
100	QPSK	135	138		17.49		19.00
100	QPSK	270	0		17.49		19.00
100	16QAM	1	1		17.55		19.00
100	64QAM	1	1		16.97		18.50
100	256QAM	1	1		15.12		16.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	17.45	17.54	17.51	19.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	17.34	17.50	17.48	19.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	17.35	17.40	17.49	19.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	17.35	17.40	17.47	19.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	17.31	17.45	17.48	19.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	17.30	17.49	17.40	19.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	17.42	17.45	17.47	19.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	17.36	17.46	17.47	19.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	17.36	17.53	17.45	19.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	17.31	17.40	17.39	19.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	17.42	17.52	17.43	19.00

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_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					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		17.60		18.20
100	PI/2 BPSK	1	137		17.56		18.20
100	PI/2 BPSK	1	271		17.58		18.20
100	PI/2 BPSK	135	0		17.54		18.20
100	PI/2 BPSK	135	69		17.58		18.20
100	PI/2 BPSK	135	138		17.52		18.20
100	PI/2 BPSK	270	0		17.56		18.20
100	QPSK	1	1		17.55		18.20
100	QPSK	1	137		17.59		18.20
100	QPSK	1	271		17.58		18.20
100	QPSK	135	0		17.52		18.20
100	QPSK	135	69		17.61		18.20
100	QPSK	135	138		17.61		18.20
100	QPSK	270	0		17.57		18.20
100	16QAM	1	1		17.53		18.20
100	64QAM	1	1		17.55		18.20
100	256QAM	1	1		17.57		18.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	17.52	17.57	17.55	18.20
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)

80	PI/2 BPSK	1	1	17.37	17.52	17.53	18.20
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	17.49	17.50	17.42	18.20
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	17.51	17.51	17.52	18.20
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	17.46	17.50	17.48	18.20
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	17.43	17.51	17.46	18.20
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	17.45	17.43	17.50	18.20
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	17.40	17.56	17.47	18.20
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	17.38	17.48	17.54	18.20
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	17.42	17.50	17.53	18.20
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	17.43	17.55	17.51	18.20

【FR1 n78 (270)___FCC_Part 270 (3700~3800MHz)_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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		17.58		18.20
100	PI/2 BPSK	1	137		17.55		18.20
100	PI/2 BPSK	1	271		17.52		18.20
100	PI/2 BPSK	135	0		17.52		18.20
100	PI/2 BPSK	135	69		17.56		18.20
100	PI/2 BPSK	135	138		17.50		18.20
100	PI/2 BPSK	270	0		17.53		18.20
100	QPSK	1	1		17.52		18.20
100	QPSK	1	137		17.49		18.20
100	QPSK	1	271		17.56		18.20
100	QPSK	135	0		17.46		18.20
100	QPSK	135	69		17.58		18.20
100	QPSK	135	138		17.57		18.20
100	QPSK	270	0		17.55		18.20
100	16QAM	1	1		17.51		18.20
100	64QAM	1	1		17.47		18.20
100	256QAM	1	1		17.56		18.20
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	17.45	17.54	17.51	18.20
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	17.39	17.47	17.39	18.20
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	17.32	17.49	17.37	18.20
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	17.30	17.44	17.49	18.20
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	17.43	17.40	17.40	18.20
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	17.34	17.40	17.36	18.20
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	17.34	17.52	17.41	18.20