

【FR1 n5_Ant0_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				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	24.05	24.12	24.08	24.70
20	PI/2 BPSK	1	53	23.87	24.06	24.00	24.70
20	PI/2 BPSK	1	104	23.85	24.05	23.96	24.70
20	PI/2 BPSK	50	0	23.79	23.95	23.87	24.70
20	PI/2 BPSK	50	28	23.96	24.09	23.95	24.70
20	PI/2 BPSK	50	56	23.90	24.01	23.85	24.70
20	PI/2 BPSK	100	0	23.83	24.05	23.99	24.70
20	QPSK	1	1	23.86	24.04	23.90	24.70
20	QPSK	1	53	23.95	24.07	23.97	24.70
20	QPSK	1	104	23.94	24.07	23.91	24.70
20	QPSK	50	0	23.86	24.01	23.93	24.70
20	QPSK	50	28	23.90	24.03	23.96	24.70
20	QPSK	50	56	23.83	24.02	23.95	24.70
20	QPSK	100	0	23.87	23.99	23.88	24.70
20	16QAM	1	1	23.90	24.06	23.99	24.70
20	64QAM	1	1	22.21	22.39	22.25	23.20
20	256QAM	1	1	20.17	20.36	20.22	21.20
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	24.01	24.04	23.94	24.70
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	24.02	24.00	23.98	24.70
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	23.98	23.99	24.01	24.70

【FR1 n5_Ant1_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				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	24.99	25.04	24.94	25.70
20	PI/2 BPSK	1	53	24.87	24.98	24.81	25.70
20	PI/2 BPSK	1	104	24.79	24.92	24.84	25.70
20	PI/2 BPSK	50	0	24.41	24.57	24.40	25.20
20	PI/2 BPSK	50	28	24.85	24.93	24.84	25.70
20	PI/2 BPSK	50	56	24.49	24.61	24.49	25.20
20	PI/2 BPSK	100	0	24.58	24.69	24.49	25.20
20	QPSK	1	1	24.86	24.88	24.79	25.70
20	QPSK	1	53	24.82	24.85	24.78	25.70
20	QPSK	1	104	24.81	24.96	24.82	25.70
20	QPSK	50	0	24.09	24.23	24.07	24.70
20	QPSK	50	28	24.92	25.01	24.94	25.70
20	QPSK	50	56	23.82	23.92	23.82	24.70
20	QPSK	100	0	23.81	23.93	23.82	24.70
20	16QAM	1	1	24.14	24.19	24.09	24.70
20	64QAM	1	1	22.40	22.53	22.34	23.20
20	256QAM	1	1	20.29	20.35	20.20	21.20
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	24.93	24.92	24.86	25.70
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	24.88	24.98	24.86	25.70
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	24.88	24.95	24.89	25.70

【FR1 n5_Ant1_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				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	18.51	18.54	18.48	19.20
20	PI/2 BPSK	1	53	18.46	18.51	18.43	19.20
20	PI/2 BPSK	1	104	18.47	18.53	18.36	19.20
20	PI/2 BPSK	50	0	18.32	18.50	18.41	19.20
20	PI/2 BPSK	50	28	18.48	18.52	18.45	19.20
20	PI/2 BPSK	50	56	18.46	18.50	18.40	19.20
20	PI/2 BPSK	100	0	18.38	18.48	18.37	19.20
20	QPSK	1	1	18.41	18.45	18.25	19.20
20	QPSK	1	53	18.35	18.43	18.22	19.20
20	QPSK	1	104	18.29	18.44	18.25	19.20
20	QPSK	50	0	18.35	18.47	18.35	19.20
20	QPSK	50	28	18.28	18.45	18.34	19.20
20	QPSK	50	56	18.40	18.52	18.35	19.20
20	QPSK	100	0	18.31	18.48	18.29	19.20
20	16QAM	1	1	18.36	18.49	18.41	19.20
20	64QAM	1	1	18.32	18.45	18.25	19.20
20	256QAM	1	1	18.28	18.45	18.35	19.20
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	18.37	18.43	18.39	19.20
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	18.42	18.52	18.36	19.20
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	18.37	18.45	18.43	19.20

【FR1 n5_Ant1_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				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	19.48	19.55	19.54	20.20
20	PI/2 BPSK	1	53	19.28	19.46	19.42	20.20
20	PI/2 BPSK	1	104	19.24	19.42	19.39	20.20
20	PI/2 BPSK	50	0	19.34	19.47	19.34	20.20
20	PI/2 BPSK	50	28	19.42	19.52	19.45	20.20
20	PI/2 BPSK	50	56	19.21	19.43	19.36	20.20
20	PI/2 BPSK	100	0	19.35	19.50	19.44	20.20
20	QPSK	1	1	19.32	19.53	19.40	20.20
20	QPSK	1	53	19.32	19.50	19.46	20.20
20	QPSK	1	104	19.34	19.51	19.41	20.20
20	QPSK	50	0	19.25	19.43	19.39	20.20
20	QPSK	50	28	19.36	19.49	19.36	20.20
20	QPSK	50	56	19.27	19.43	19.32	20.20
20	QPSK	100	0	19.25	19.45	19.40	20.20
20	16QAM	1	1	19.27	19.47	19.37	20.20
20	64QAM	1	1	19.44	19.53	19.44	20.20
20	256QAM	1	1	19.27	19.44	19.40	20.20
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	19.39	19.42	19.49	20.20
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	19.33	19.53	19.42	20.20
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	19.39	19.48	19.44	20.20

【FR1 n5_Ant1_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				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	24.99	25.04	24.94	25.70
20	PI/2 BPSK	1	53	24.87	24.98	24.81	25.70
20	PI/2 BPSK	1	104	24.79	24.92	24.84	25.70
20	PI/2 BPSK	50	0	24.41	24.57	24.40	25.20
20	PI/2 BPSK	50	28	24.85	24.93	24.84	25.70
20	PI/2 BPSK	50	56	24.49	24.61	24.49	25.20
20	PI/2 BPSK	100	0	24.58	24.69	24.49	25.20
20	QPSK	1	1	24.86	24.88	24.79	25.70
20	QPSK	1	53	24.82	24.85	24.78	25.70
20	QPSK	1	104	24.81	24.96	24.82	25.70
20	QPSK	50	0	24.09	24.23	24.07	24.70
20	QPSK	50	28	24.92	25.01	24.94	25.70
20	QPSK	50	56	23.82	23.92	23.82	24.70
20	QPSK	100	0	23.81	23.93	23.82	24.70
20	16QAM	1	1	24.14	24.19	24.09	24.70
20	64QAM	1	1	22.40	22.53	22.34	23.20
20	256QAM	1	1	20.29	20.35	20.20	21.20
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	24.93	24.92	24.86	25.70
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	24.88	24.98	24.86	25.70
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	24.88	24.95	24.89	25.70

【FR1 n5_Ant1_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				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	18.51	18.54	18.48	19.20
20	PI/2 BPSK	1	53	18.46	18.51	18.43	19.20
20	PI/2 BPSK	1	104	18.47	18.53	18.36	19.20
20	PI/2 BPSK	50	0	18.32	18.50	18.41	19.20
20	PI/2 BPSK	50	28	18.48	18.52	18.45	19.20
20	PI/2 BPSK	50	56	18.46	18.50	18.40	19.20
20	PI/2 BPSK	100	0	18.38	18.48	18.37	19.20
20	QPSK	1	1	18.41	18.45	18.25	19.20
20	QPSK	1	53	18.35	18.43	18.22	19.20
20	QPSK	1	104	18.29	18.44	18.25	19.20
20	QPSK	50	0	18.35	18.47	18.35	19.20
20	QPSK	50	28	18.28	18.45	18.34	19.20
20	QPSK	50	56	18.40	18.52	18.35	19.20
20	QPSK	100	0	18.31	18.48	18.29	19.20
20	16QAM	1	1	18.36	18.49	18.41	19.20
20	64QAM	1	1	18.32	18.45	18.25	19.20
20	256QAM	1	1	18.28	18.45	18.35	19.20
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	18.37	18.43	18.39	19.20
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	18.42	18.52	18.36	19.20
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	18.37	18.45	18.43	19.20

【FR1 n7_Ant4_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				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	25.22	25.30	25.26	25.70
50	PI/2 BPSK	1	135	25.19	25.28	25.20	25.70
50	PI/2 BPSK	1	268	25.01	25.22	25.09	25.70
50	PI/2 BPSK	135	0	24.40	24.61	24.51	25.20
50	PI/2 BPSK	135	68	25.02	25.12	25.05	25.70
50	PI/2 BPSK	135	135	24.62	24.72	24.52	25.20
50	PI/2 BPSK	270	0	24.54	24.74	24.63	25.20
50	QPSK	1	1	24.99	25.08	24.94	25.70
50	QPSK	1	135	24.99	25.19	25.02	25.70
50	QPSK	1	268	25.03	25.13	24.99	25.70
50	QPSK	135	0	24.00	24.19	23.98	24.70
50	QPSK	135	68	25.06	25.19	25.02	25.70
50	QPSK	135	135	24.09	24.28	24.10	24.70
50	QPSK	270	0	24.04	24.21	24.05	24.70
50	16QAM	1	1	23.89	24.02	23.80	24.70
50	64QAM	1	1	22.37	22.50	22.36	23.20
50	256QAM	1	1	20.37	20.52	20.30	21.20
Channel				504000	507000	510000	Tune-up limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	25.07	25.24	25.21	25.70
Channel				503500	507000	510500	Tune-up limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	PI/2 BPSK	1	1	25.15	25.17	25.15	25.70
Channel				503000	507000	511000	Tune-up limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	25.08	25.19	25.14	25.70
Channel				502500	507000	511500	Tune-up limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	25.20	25.25	25.17	25.70
Channel				502000	507000	512000	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	25.12	25.23	25.14	25.70
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	25.12	25.18	25.19	25.70
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	25.16	25.25	25.23	25.70
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	25.16	25.16	25.19	25.70

【FR1 n7_Ant4_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				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	16.63	16.69	16.65	17.20
50	PI/2 BPSK	1	135	16.45	16.61	16.49	17.20
50	PI/2 BPSK	1	268	16.57	16.64	16.59	17.20
50	PI/2 BPSK	135	0	16.47	16.63	16.52	17.20
50	PI/2 BPSK	135	68	16.55	16.68	16.59	17.20
50	PI/2 BPSK	135	135	16.52	16.62	16.54	17.20
50	PI/2 BPSK	270	0	16.52	16.67	16.49	17.20
50	QPSK	1	1	16.53	16.64	16.54	17.20
50	QPSK	1	135	16.57	16.67	16.54	17.20
50	QPSK	1	268	16.46	16.62	16.47	17.20
50	QPSK	135	0	16.51	16.61	16.46	17.20
50	QPSK	135	68	16.56	16.66	16.58	17.20
50	QPSK	135	135	16.48	16.62	16.54	17.20
50	QPSK	270	0	16.57	16.67	16.61	17.20
50	16QAM	1	1	16.53	16.64	16.46	17.20
50	64QAM	1	1	16.58	16.65	16.48	17.20
50	256QAM	1	1	16.46	16.59	16.48	17.20
Channel				504000	507000	510000	Tune-up limit

	Frequency (MHz)			2520	2535	2550	(dBm)
40	PI/2 BPSK	1	1	16.60	16.54	16.51	17.20
	Channel			503500	507000	510500	Tune-up limit
	Frequency (MHz)			2517.5	2535	2552.5	(dBm)
35	PI/2 BPSK	1	1	16.62	16.60	16.61	17.20
	Channel			503000	507000	511000	Tune-up limit
	Frequency (MHz)			2515	2535	2555	(dBm)
30	PI/2 BPSK	1	1	16.52	16.66	16.55	17.20
	Channel			502500	507000	511500	Tune-up limit
	Frequency (MHz)			2512.5	2535	2557.5	(dBm)
25	PI/2 BPSK	1	1	16.56	16.65	16.58	17.20
	Channel			502000	507000	512000	Tune-up limit
	Frequency (MHz)			2510	2535	2560	(dBm)
20	PI/2 BPSK	1	1	16.62	16.57	16.63	17.20
	Channel			501500	507000	512500	Tune-up limit
	Frequency (MHz)			2507.5	2535	2562.5	(dBm)
15	PI/2 BPSK	1	1	16.51	16.65	16.50	17.20
	Channel			501000	507000	513000	Tune-up limit
	Frequency (MHz)			2505	2535	2565	(dBm)
10	PI/2 BPSK	1	1	16.58	16.57	16.61	17.20
	Channel			500500	507000	513500	Tune-up limit
	Frequency (MHz)			2502.5	2535	2567.5	(dBm)
5	PI/2 BPSK	1	1	16.57	16.64	16.56	17.20

【FR1 n7_Ant4_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			505000	507000	509000	
	Frequency (MHz)			2525	2535	2545	
50	PI/2 BPSK	1	1	17.62	17.67	17.65	18.20
50	PI/2 BPSK	1	135	17.54	17.65	17.55	18.20
50	PI/2 BPSK	1	268	17.44	17.63	17.47	18.20
50	PI/2 BPSK	135	0	17.39	17.56	17.46	18.20
50	PI/2 BPSK	135	68	17.54	17.65	17.61	18.20
50	PI/2 BPSK	135	135	17.53	17.64	17.57	18.20
50	PI/2 BPSK	270	0	17.54	17.61	17.46	18.20
50	QPSK	1	1	17.48	17.57	17.41	18.20
50	QPSK	1	135	17.41	17.56	17.48	18.20
50	QPSK	1	268	17.55	17.66	17.62	18.20
50	QPSK	135	0	17.38	17.56	17.46	18.20
50	QPSK	135	68	17.39	17.57	17.42	18.20
50	QPSK	135	135	17.45	17.61	17.44	18.20
50	QPSK	270	0	17.56	17.64	17.54	18.20
50	16QAM	1	1	17.54	17.61	17.47	18.20
50	64QAM	1	1	17.48	17.60	17.51	18.20
50	256QAM	1	1	17.51	17.66	17.63	18.20
	Channel			504000	507000	510000	Tune-up limit
	Frequency (MHz)			2520	2535	2550	(dBm)
40	PI/2 BPSK	1	1	17.48	17.64	17.50	18.20
	Channel			503500	507000	510500	Tune-up limit
	Frequency (MHz)			2517.5	2535	2552.5	(dBm)
35	PI/2 BPSK	1	1	17.60	17.66	17.63	18.20
	Channel			503000	507000	511000	Tune-up limit
	Frequency (MHz)			2515	2535	2555	(dBm)
30	PI/2 BPSK	1	1	17.55	17.61	17.57	18.20
	Channel			502500	507000	511500	Tune-up limit
	Frequency (MHz)			2512.5	2535	2557.5	(dBm)
25	PI/2 BPSK	1	1	17.52	17.61	17.54	18.20
	Channel			502000	507000	512000	Tune-up limit
	Frequency (MHz)			2510	2535	2560	(dBm)
20	PI/2 BPSK	1	1	17.55	17.61	17.50	18.20
	Channel			501500	507000	512500	Tune-up limit
	Frequency (MHz)			2507.5	2535	2562.5	(dBm)
15	PI/2 BPSK	1	1	17.59	17.59	17.52	18.20
	Channel			501000	507000	513000	Tune-up limit
	Frequency (MHz)			2505	2535	2565	(dBm)
10	PI/2 BPSK	1	1	17.60	17.63	17.61	18.20
	Channel			500500	507000	513500	Tune-up limit
	Frequency (MHz)			2502.5	2535	2567.5	(dBm)
5	PI/2 BPSK	1	1	17.52	17.53	17.56	18.20

【FR1 n7_Ant4_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				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	25.22	25.30	25.26	25.70
50	PI/2 BPSK	1	135	25.19	25.28	25.20	25.70
50	PI/2 BPSK	1	268	25.01	25.22	25.09	25.70
50	PI/2 BPSK	135	0	24.40	24.61	24.51	25.20
50	PI/2 BPSK	135	68	25.02	25.12	25.05	25.70
50	PI/2 BPSK	135	135	24.62	24.72	24.52	25.20
50	PI/2 BPSK	270	0	24.54	24.74	24.63	25.20
50	QPSK	1	1	24.99	25.08	24.94	25.70
50	QPSK	1	135	24.99	25.19	25.02	25.70
50	QPSK	1	268	25.03	25.13	24.99	25.70
50	QPSK	135	0	24.00	24.19	23.98	24.70
50	QPSK	135	68	25.06	25.19	25.02	25.70
50	QPSK	135	135	24.09	24.28	24.10	24.70
50	QPSK	270	0	24.04	24.21	24.05	24.70
50	16QAM	1	1	23.89	24.02	23.80	24.70
50	64QAM	1	1	22.37	22.50	22.36	23.20
50	256QAM	1	1	20.37	20.52	20.30	21.20
Channel				504000	507000	510000	Tune-up limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	25.07	25.24	25.21	25.70
Channel				503500	507000	510500	Tune-up limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	PI/2 BPSK	1	1	25.15	25.17	25.15	25.70
Channel				503000	507000	511000	Tune-up limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	25.08	25.19	25.14	25.70
Channel				502500	507000	511500	Tune-up limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	25.20	25.25	25.17	25.70
Channel				502000	507000	512000	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	25.12	25.23	25.14	25.70
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	25.12	25.18	25.19	25.70
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	25.16	25.25	25.23	25.70
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	25.16	25.16	25.19	25.70

【FR1 n7_Ant4_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				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	16.63	16.69	16.65	17.20
50	PI/2 BPSK	1	135	16.45	16.61	16.49	17.20
50	PI/2 BPSK	1	268	16.57	16.64	16.59	17.20
50	PI/2 BPSK	135	0	16.47	16.63	16.52	17.20
50	PI/2 BPSK	135	68	16.55	16.68	16.59	17.20
50	PI/2 BPSK	135	135	16.52	16.62	16.54	17.20
50	PI/2 BPSK	270	0	16.52	16.67	16.49	17.20
50	QPSK	1	1	16.53	16.64	16.54	17.20
50	QPSK	1	135	16.57	16.67	16.54	17.20
50	QPSK	1	268	16.46	16.62	16.47	17.20
50	QPSK	135	0	16.51	16.61	16.46	17.20
50	QPSK	135	68	16.56	16.66	16.58	17.20
50	QPSK	135	135	16.48	16.62	16.54	17.20
50	QPSK	270	0	16.57	16.67	16.61	17.20
50	16QAM	1	1	16.53	16.64	16.46	17.20
50	64QAM	1	1	16.58	16.65	16.48	17.20
50	256QAM	1	1	16.46	16.59	16.48	17.20
Channel				504000	507000	510000	Tune-up limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	16.60	16.54	16.51	17.20

Channel				503500	507000	510500	Tune-up limit
Frequency (MHz)				2517.5	2535	2552.5	(dBm)
35	PI/2 BPSK	1	1	16.62	16.60	16.61	17.20
Channel				503000	507000	511000	Tune-up limit
Frequency (MHz)				2515	2535	2555	(dBm)
30	PI/2 BPSK	1	1	16.52	16.66	16.55	17.20
Channel				502500	507000	511500	Tune-up limit
Frequency (MHz)				2512.5	2535	2557.5	(dBm)
25	PI/2 BPSK	1	1	16.56	16.65	16.58	17.20
Channel				502000	507000	512000	Tune-up limit
Frequency (MHz)				2510	2535	2560	(dBm)
20	PI/2 BPSK	1	1	16.62	16.57	16.63	17.20
Channel				501500	507000	512500	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	PI/2 BPSK	1	1	16.51	16.65	16.50	17.20
Channel				501000	507000	513000	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	PI/2 BPSK	1	1	16.58	16.57	16.61	17.20
Channel				500500	507000	513500	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	PI/2 BPSK	1	1	16.57	16.64	16.56	17.20

【FR1 n7_Ant5_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				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	24.05	24.07	24.04	25.00
50	PI/2 BPSK	1	135	23.97	24.01	23.80	25.00
50	PI/2 BPSK	1	268	24.02	24.00	23.78	25.00
50	PI/2 BPSK	135	0	23.36	23.39	23.25	24.50
50	PI/2 BPSK	135	68	23.77	23.87	23.74	25.00
50	PI/2 BPSK	135	135	23.39	23.45	23.30	24.50
50	PI/2 BPSK	270	0	23.41	23.43	23.30	24.50
50	QPSK	1	1	23.80	23.81	23.74	25.00
50	QPSK	1	135	24.01	23.99	23.80	25.00
50	QPSK	1	268	23.75	23.85	23.79	25.00
50	QPSK	135	0	22.79	22.85	22.78	24.00
50	QPSK	135	68	23.85	23.97	23.80	25.00
50	QPSK	135	135	22.91	22.97	22.80	24.00
50	QPSK	270	0	22.96	22.97	22.80	24.00
50	16QAM	1	1	22.71	22.76	22.62	24.00
50	64QAM	1	1	21.32	21.25	21.07	22.50
50	256QAM	1	1	19.38	19.27	19.04	20.50
Channel				504000	507000	510000	Tune-up limit
Frequency (MHz)				2520	2535	2550	(dBm)
40	PI/2 BPSK	1	1	24.01	24.04	23.96	25.00
Channel				503500	507000	510500	Tune-up limit
Frequency (MHz)				2517.5	2535	2552.5	(dBm)
35	PI/2 BPSK	1	1	23.96	24.01	23.97	25.00
Channel				503000	507000	511000	Tune-up limit
Frequency (MHz)				2515	2535	2555	(dBm)
30	PI/2 BPSK	1	1	23.97	23.98	23.98	25.00
Channel				502500	507000	511500	Tune-up limit
Frequency (MHz)				2512.5	2535	2557.5	(dBm)
25	PI/2 BPSK	1	1	23.98	23.99	23.98	25.00
Channel				502000	507000	512000	Tune-up limit
Frequency (MHz)				2510	2535	2560	(dBm)
20	PI/2 BPSK	1	1	23.96	24.06	23.90	25.00
Channel				501500	507000	512500	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	PI/2 BPSK	1	1	23.97	23.96	23.94	25.00
Channel				501000	507000	513000	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	PI/2 BPSK	1	1	23.98	24.00	24.00	25.00
Channel				500500	507000	513500	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	PI/2 BPSK	1	1	23.92	24.00	23.93	25.00

【FR1 n7_Ant5_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				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	15.43	15.44	15.37	16.50
50	PI/2 BPSK	1	135	15.26	15.36	15.14	16.50
50	PI/2 BPSK	1	268	15.25	15.38	15.20	16.50
50	PI/2 BPSK	135	0	15.22	15.33	15.22	16.50
50	PI/2 BPSK	135	68	15.28	15.38	15.25	16.50
50	PI/2 BPSK	135	135	15.18	15.31	15.12	16.50
50	PI/2 BPSK	270	0	15.23	15.33	15.23	16.50
50	QPSK	1	1	15.19	15.27	15.06	16.50
50	QPSK	1	135	15.33	15.38	15.21	16.50
50	QPSK	1	268	15.26	15.29	15.16	16.50
50	QPSK	135	0	15.22	15.32	15.18	16.50
50	QPSK	135	68	15.24	15.30	15.17	16.50
50	QPSK	135	135	15.28	15.34	15.20	16.50
50	QPSK	270	0	15.22	15.31	15.16	16.50
50	16QAM	1	1	15.30	15.33	15.14	16.50
50	64QAM	1	1	15.20	15.30	15.14	16.50
50	256QAM	1	1	15.14	15.28	15.18	16.50
Channel				504000	507000	510000	Tune-up limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	15.31	15.41	15.30	16.50
Channel				503500	507000	510500	Tune-up limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	PI/2 BPSK	1	1	15.40	15.42	15.25	16.50
Channel				503000	507000	511000	Tune-up limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	15.30	15.30	15.30	16.50
Channel				502500	507000	511500	Tune-up limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	15.32	15.42	15.23	16.50
Channel				502000	507000	512000	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	15.36	15.40	15.23	16.50
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	15.35	15.40	15.32	16.50
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	15.39	15.42	15.30	16.50
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	15.34	15.33	15.23	16.50

【FR1 n7_Ant5_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				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	17.82	17.91	17.86	19.00
50	PI/2 BPSK	1	135	17.72	17.85	17.70	19.00
50	PI/2 BPSK	1	268	17.67	17.80	17.63	19.00
50	PI/2 BPSK	135	0	17.61	17.80	17.72	19.00
50	PI/2 BPSK	135	68	17.78	17.86	17.77	19.00
50	PI/2 BPSK	135	135	17.65	17.77	17.65	19.00
50	PI/2 BPSK	270	0	17.72	17.83	17.72	19.00
50	QPSK	1	1	17.75	17.85	17.70	19.00
50	QPSK	1	135	17.57	17.79	17.71	19.00
50	QPSK	1	268	17.67	17.80	17.66	19.00
50	QPSK	135	0	17.71	17.87	17.76	19.00
50	QPSK	135	68	17.65	17.84	17.67	19.00
50	QPSK	135	135	17.70	17.88	17.79	19.00
50	QPSK	270	0	17.56	17.77	17.60	19.00
50	16QAM	1	1	17.73	17.86	17.74	19.00
50	64QAM	1	1	17.57	17.78	17.66	19.00
50	256QAM	1	1	17.71	17.88	17.71	19.00
Channel				504000	507000	510000	Tune-up limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	17.72	17.78	17.80	19.00
Channel				503500	507000	510500	Tune-up limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	

35	PI/2 BPSK	1	1	17.72	17.81	17.77	19.00
Channel				503000	507000	511000	Tune-up limit
Frequency (MHz)				2515	2535	2555	(dBm)
30	PI/2 BPSK	1	1	17.69	17.81	17.81	19.00
Channel				502500	507000	511500	Tune-up limit
Frequency (MHz)				2512.5	2535	2557.5	(dBm)
25	PI/2 BPSK	1	1	17.73	17.85	17.84	19.00
Channel				502000	507000	512000	Tune-up limit
Frequency (MHz)				2510	2535	2560	(dBm)
20	PI/2 BPSK	1	1	17.77	17.78	17.82	19.00
Channel				501500	507000	512500	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	PI/2 BPSK	1	1	17.70	17.89	17.74	19.00
Channel				501000	507000	513000	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	PI/2 BPSK	1	1	17.81	17.87	17.83	19.00
Channel				500500	507000	513500	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	PI/2 BPSK	1	1	17.67	17.83	17.76	19.00

【FR1 n7_Ant5_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				505000	507000	509000	Tune-up limit
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	24.05	24.07	24.04	25.00
50	PI/2 BPSK	1	135	23.97	24.01	23.80	25.00
50	PI/2 BPSK	1	268	24.02	24.00	23.78	25.00
50	PI/2 BPSK	135	0	23.36	23.39	23.25	24.50
50	PI/2 BPSK	135	68	23.77	23.87	23.74	25.00
50	PI/2 BPSK	135	135	23.39	23.45	23.30	24.50
50	PI/2 BPSK	270	0	23.41	23.43	23.30	24.50
50	QPSK	1	1	23.80	23.81	23.74	25.00
50	QPSK	1	135	24.01	23.99	23.80	25.00
50	QPSK	1	268	23.75	23.85	23.79	25.00
50	QPSK	135	0	22.79	22.85	22.78	24.00
50	QPSK	135	68	23.85	23.97	23.80	25.00
50	QPSK	135	135	22.91	22.97	22.80	24.00
50	QPSK	270	0	22.96	22.97	22.80	24.00
50	16QAM	1	1	22.71	22.76	22.62	24.00
50	64QAM	1	1	21.32	21.25	21.07	22.50
50	256QAM	1	1	19.38	19.27	19.04	20.50
Channel				504000	507000	510000	Tune-up limit
Frequency (MHz)				2520	2535	2550	(dBm)
40	PI/2 BPSK	1	1	24.01	24.04	23.96	25.00
Channel				503500	507000	510500	Tune-up limit
Frequency (MHz)				2517.5	2535	2552.5	(dBm)
35	PI/2 BPSK	1	1	23.96	24.01	23.97	25.00
Channel				503000	507000	511000	Tune-up limit
Frequency (MHz)				2515	2535	2555	(dBm)
30	PI/2 BPSK	1	1	23.97	23.98	23.98	25.00
Channel				502500	507000	511500	Tune-up limit
Frequency (MHz)				2512.5	2535	2557.5	(dBm)
25	PI/2 BPSK	1	1	23.98	23.99	23.98	25.00
Channel				502000	507000	512000	Tune-up limit
Frequency (MHz)				2510	2535	2560	(dBm)
20	PI/2 BPSK	1	1	23.96	24.06	23.90	25.00
Channel				501500	507000	512500	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	PI/2 BPSK	1	1	23.97	23.96	23.94	25.00
Channel				501000	507000	513000	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	PI/2 BPSK	1	1	23.98	24.00	24.00	25.00
Channel				500500	507000	513500	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	PI/2 BPSK	1	1	23.92	24.00	23.93	25.00

【FR1 n7_Ant5_DSI5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low	Power Middle	Power High	Tune-up limit (dBm)
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Channel				Ch. / Freq.	Ch. / Freq.	Ch. / Freq.	Tune-up limit (dBm)
Frequency (MHz)				505000	507000	509000	
50	PI/2 BPSK	1	1	15.43	15.44	15.37	16.50
50	PI/2 BPSK	1	135	15.26	15.36	15.14	16.50
50	PI/2 BPSK	1	268	15.25	15.38	15.20	16.50
50	PI/2 BPSK	135	0	15.22	15.33	15.22	16.50
50	PI/2 BPSK	135	68	15.28	15.38	15.25	16.50
50	PI/2 BPSK	135	135	15.18	15.31	15.12	16.50
50	PI/2 BPSK	270	0	15.23	15.33	15.23	16.50
50	QPSK	1	1	15.19	15.27	15.06	16.50
50	QPSK	1	135	15.33	15.38	15.21	16.50
50	QPSK	1	268	15.26	15.29	15.16	16.50
50	QPSK	135	0	15.22	15.32	15.18	16.50
50	QPSK	135	68	15.24	15.30	15.17	16.50
50	QPSK	135	135	15.28	15.34	15.20	16.50
50	QPSK	270	0	15.22	15.31	15.16	16.50
50	16QAM	1	1	15.30	15.33	15.14	16.50
50	64QAM	1	1	15.20	15.30	15.14	16.50
50	256QAM	1	1	15.14	15.28	15.18	16.50
Channel				504000	507000	510000	Tune-up limit
Frequency (MHz)				2520	2535	2550	(dBm)
40	PI/2 BPSK	1	1	15.31	15.41	15.30	16.50
Channel				503500	507000	510500	Tune-up limit
Frequency (MHz)				2517.5	2535	2552.5	(dBm)
35	PI/2 BPSK	1	1	15.40	15.42	15.25	16.50
Channel				503000	507000	511000	Tune-up limit
Frequency (MHz)				2515	2535	2555	(dBm)
30	PI/2 BPSK	1	1	15.30	15.30	15.30	16.50
Channel				502500	507000	511500	Tune-up limit
Frequency (MHz)				2512.5	2535	2557.5	(dBm)
25	PI/2 BPSK	1	1	15.32	15.42	15.23	16.50
Channel				502000	507000	512000	Tune-up limit
Frequency (MHz)				2510	2535	2560	(dBm)
20	PI/2 BPSK	1	1	15.36	15.40	15.23	16.50
Channel				501500	507000	512500	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	PI/2 BPSK	1	1	15.35	15.40	15.32	16.50
Channel				501000	507000	513000	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	PI/2 BPSK	1	1	15.39	15.42	15.30	16.50
Channel				500500	507000	513500	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	PI/2 BPSK	1	1	15.34	15.33	15.23	16.50

【FR1 n7_Ant6_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				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	24.55	24.74	24.47	25.50
50	PI/2 BPSK	1	135	24.31	24.64	24.25	25.50
50	PI/2 BPSK	1	268	24.31	24.52	24.20	25.50
50	PI/2 BPSK	135	0	23.87	24.18	23.84	25.00
50	PI/2 BPSK	135	68	24.46	24.71	24.42	25.50
50	PI/2 BPSK	135	135	23.99	24.20	23.88	25.00
50	PI/2 BPSK	270	0	23.86	24.15	23.85	25.00
50	QPSK	1	1	24.27	24.59	24.20	25.50
50	QPSK	1	135	24.33	24.56	24.20	25.50
50	QPSK	1	268	24.65	24.87	24.48	25.50
50	QPSK	135	0	23.32	23.56	23.18	24.50
50	QPSK	135	68	24.45	24.72	24.32	25.50
50	QPSK	135	135	23.30	23.63	23.25	24.50
50	QPSK	270	0	23.40	23.66	23.38	24.50
50	16QAM	1	1	23.26	23.50	23.15	24.50
50	64QAM	1	1	21.86	22.09	21.81	23.00
50	256QAM	1	1	19.74	19.91	19.60	21.00
Channel				504000	507000	510000	Tune-up limit
Frequency (MHz)				2520	2535	2550	(dBm)
40	PI/2 BPSK	1	1	24.45	24.70	24.37	25.50
Channel				503500	507000	510500	Tune-up limit
Frequency (MHz)				2517.5	2535	2552.5	(dBm)
35	PI/2 BPSK	1	1	24.41	24.67	24.40	25.50
Channel				503000	507000	511000	Tune-up limit

	Frequency (MHz)			2515	2535	2555	(dBm)
30	PI/2 BPSK	1	1	24.45	24.65	24.43	25.50
	Channel			502500	507000	511500	Tune-up limit (dBm)
	Frequency (MHz)			2512.5	2535	2557.5	(dBm)
25	PI/2 BPSK	1	1	24.44	24.73	24.41	25.50
	Channel			502000	507000	512000	Tune-up limit (dBm)
	Frequency (MHz)			2510	2535	2560	(dBm)
20	PI/2 BPSK	1	1	24.41	24.61	24.38	25.50
	Channel			501500	507000	512500	Tune-up limit (dBm)
	Frequency (MHz)			2507.5	2535	2562.5	(dBm)
15	PI/2 BPSK	1	1	24.42	24.66	24.42	25.50
	Channel			501000	507000	513000	Tune-up limit (dBm)
	Frequency (MHz)			2505	2535	2565	(dBm)
10	PI/2 BPSK	1	1	24.45	24.70	24.38	25.50
	Channel			500500	507000	513500	Tune-up limit (dBm)
	Frequency (MHz)			2502.5	2535	2567.5	(dBm)
5	PI/2 BPSK	1	1	24.48	24.72	24.37	25.50

【FR1 n7_Ant6_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			505000	507000	509000	
	Frequency (MHz)			2525	2535	2545	
50	PI/2 BPSK	1	1	24.55	24.74	24.47	25.50
50	PI/2 BPSK	1	135	24.31	24.64	24.25	25.50
50	PI/2 BPSK	1	268	24.31	24.52	24.20	25.50
50	PI/2 BPSK	135	0	23.87	24.18	23.84	25.00
50	PI/2 BPSK	135	68	24.46	24.71	24.42	25.50
50	PI/2 BPSK	135	135	23.99	24.20	23.88	25.00
50	PI/2 BPSK	270	0	23.86	24.15	23.85	25.00
50	QPSK	1	1	24.27	24.59	24.20	25.50
50	QPSK	1	135	24.33	24.56	24.20	25.50
50	QPSK	1	268	24.65	24.87	24.48	25.50
50	QPSK	135	0	23.32	23.56	23.18	24.50
50	QPSK	135	68	24.45	24.72	24.32	25.50
50	QPSK	135	135	23.30	23.63	23.25	24.50
50	QPSK	270	0	23.40	23.66	23.38	24.50
50	16QAM	1	1	23.26	23.50	23.15	24.50
50	64QAM	1	1	21.86	22.09	21.81	23.00
50	256QAM	1	1	19.74	19.91	19.60	21.00
	Channel			504000	507000	510000	Tune-up limit (dBm)
	Frequency (MHz)			2520	2535	2550	(dBm)
40	PI/2 BPSK	1	1	24.45	24.70	24.37	25.50
	Channel			503500	507000	510500	Tune-up limit (dBm)
	Frequency (MHz)			2517.5	2535	2552.5	(dBm)
35	PI/2 BPSK	1	1	24.41	24.67	24.40	25.50
	Channel			503000	507000	511000	Tune-up limit (dBm)
	Frequency (MHz)			2515	2535	2555	(dBm)
30	PI/2 BPSK	1	1	24.45	24.65	24.43	25.50
	Channel			502500	507000	511500	Tune-up limit (dBm)
	Frequency (MHz)			2512.5	2535	2557.5	(dBm)
25	PI/2 BPSK	1	1	24.44	24.73	24.41	25.50
	Channel			502000	507000	512000	Tune-up limit (dBm)
	Frequency (MHz)			2510	2535	2560	(dBm)
20	PI/2 BPSK	1	1	24.41	24.61	24.38	25.50
	Channel			501500	507000	512500	Tune-up limit (dBm)
	Frequency (MHz)			2507.5	2535	2562.5	(dBm)
15	PI/2 BPSK	1	1	24.42	24.66	24.42	25.50
	Channel			501000	507000	513000	Tune-up limit (dBm)
	Frequency (MHz)			2505	2535	2565	(dBm)
10	PI/2 BPSK	1	1	24.45	24.70	24.38	25.50
	Channel			500500	507000	513500	Tune-up limit (dBm)
	Frequency (MHz)			2502.5	2535	2567.5	(dBm)
5	PI/2 BPSK	1	1	24.48	24.72	24.37	25.50

【FR1 n7_Ant6_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			505000	507000	509000	

Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	18.52	18.61	18.57	19.50
50	PI/2 BPSK	1	135	18.38	18.53	18.37	19.50
50	PI/2 BPSK	1	268	18.36	18.54	18.43	19.50
50	PI/2 BPSK	135	0	18.39	18.56	18.39	19.50
50	PI/2 BPSK	135	68	18.48	18.58	18.46	19.50
50	PI/2 BPSK	135	135	18.40	18.51	18.42	19.50
50	PI/2 BPSK	270	0	18.31	18.55	18.48	19.50
50	QPSK	1	1	18.39	18.58	18.41	19.50
50	QPSK	1	135	18.43	18.55	18.49	19.50
50	QPSK	1	268	18.44	18.56	18.40	19.50
50	QPSK	135	0	18.37	18.57	18.41	19.50
50	QPSK	135	68	18.45	18.60	18.48	19.50
50	QPSK	135	135	18.39	18.60	18.49	19.50
50	QPSK	270	0	18.45	18.60	18.47	19.50
50	16QAM	1	1	18.35	18.56	18.42	19.50
50	64QAM	1	1	18.38	18.57	18.45	19.50
50	256QAM	1	1	18.34	18.56	18.40	19.50
Channel				504000	507000	510000	Tune-up limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	18.50	18.55	18.43	19.50
Channel				503500	507000	510500	Tune-up limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	PI/2 BPSK	1	1	18.40	18.55	18.45	19.50
Channel				503000	507000	511000	Tune-up limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	18.49	18.54	18.53	19.50
Channel				502500	507000	511500	Tune-up limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	18.39	18.54	18.53	19.50
Channel				502000	507000	512000	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	18.45	18.59	18.52	19.50
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	18.47	18.53	18.44	19.50
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	18.49	18.50	18.43	19.50
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	18.44	18.50	18.47	19.50

【FR1 n7_Ant6_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				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	18.52	18.61	18.57	19.50
50	PI/2 BPSK	1	135	18.38	18.53	18.37	19.50
50	PI/2 BPSK	1	268	18.36	18.54	18.43	19.50
50	PI/2 BPSK	135	0	18.39	18.56	18.39	19.50
50	PI/2 BPSK	135	68	18.48	18.58	18.46	19.50
50	PI/2 BPSK	135	135	18.40	18.51	18.42	19.50
50	PI/2 BPSK	270	0	18.31	18.55	18.48	19.50
50	QPSK	1	1	18.39	18.58	18.41	19.50
50	QPSK	1	135	18.43	18.55	18.49	19.50
50	QPSK	1	268	18.44	18.56	18.40	19.50
50	QPSK	135	0	18.37	18.57	18.41	19.50
50	QPSK	135	68	18.45	18.60	18.48	19.50
50	QPSK	135	135	18.39	18.60	18.49	19.50
50	QPSK	270	0	18.45	18.60	18.47	19.50
50	16QAM	1	1	18.35	18.56	18.42	19.50
50	64QAM	1	1	18.38	18.57	18.45	19.50
50	256QAM	1	1	18.34	18.56	18.40	19.50
Channel				504000	507000	510000	Tune-up limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	18.50	18.55	18.43	19.50
Channel				503500	507000	510500	Tune-up limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	PI/2 BPSK	1	1	18.40	18.55	18.45	19.50
Channel				503000	507000	511000	Tune-up limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	18.49	18.54	18.53	19.50

Channel				502500	507000	511500	Tune-up limit
Frequency (MHz)				2512.5	2535	2557.5	(dBm)
25	PI/2 BPSK	1	1	18.39	18.54	18.53	19.50
Channel				502000	507000	512000	Tune-up limit
Frequency (MHz)				2510	2535	2560	(dBm)
20	PI/2 BPSK	1	1	18.45	18.59	18.52	19.50
Channel				501500	507000	512500	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	PI/2 BPSK	1	1	18.47	18.53	18.44	19.50
Channel				501000	507000	513000	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	PI/2 BPSK	1	1	18.49	18.50	18.43	19.50
Channel				500500	507000	513500	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	PI/2 BPSK	1	1	18.44	18.50	18.47	19.50

【FR1 n7_Ant6_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				505000	507000	509000	Tune-up limit
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	18.52	18.61	18.57	19.50
50	PI/2 BPSK	1	135	18.38	18.53	18.37	19.50
50	PI/2 BPSK	1	268	18.36	18.54	18.43	19.50
50	PI/2 BPSK	135	0	18.39	18.56	18.39	19.50
50	PI/2 BPSK	135	68	18.48	18.58	18.46	19.50
50	PI/2 BPSK	135	135	18.40	18.51	18.42	19.50
50	PI/2 BPSK	270	0	18.31	18.55	18.48	19.50
50	QPSK	1	1	18.39	18.58	18.41	19.50
50	QPSK	1	135	18.43	18.55	18.49	19.50
50	QPSK	1	268	18.44	18.56	18.40	19.50
50	QPSK	135	0	18.37	18.57	18.41	19.50
50	QPSK	135	68	18.45	18.60	18.48	19.50
50	QPSK	135	135	18.39	18.60	18.49	19.50
50	QPSK	270	0	18.45	18.60	18.47	19.50
50	16QAM	1	1	18.35	18.56	18.42	19.50
50	64QAM	1	1	18.38	18.57	18.45	19.50
50	256QAM	1	1	18.34	18.56	18.40	19.50
Channel				504000	507000	510000	Tune-up limit
Frequency (MHz)				2520	2535	2550	(dBm)
40	PI/2 BPSK	1	1	18.50	18.55	18.43	19.50
Channel				503500	507000	510500	Tune-up limit
Frequency (MHz)				2517.5	2535	2552.5	(dBm)
35	PI/2 BPSK	1	1	18.40	18.55	18.45	19.50
Channel				503000	507000	511000	Tune-up limit
Frequency (MHz)				2515	2535	2555	(dBm)
30	PI/2 BPSK	1	1	18.49	18.54	18.53	19.50
Channel				502500	507000	511500	Tune-up limit
Frequency (MHz)				2512.5	2535	2557.5	(dBm)
25	PI/2 BPSK	1	1	18.39	18.54	18.53	19.50
Channel				502000	507000	512000	Tune-up limit
Frequency (MHz)				2510	2535	2560	(dBm)
20	PI/2 BPSK	1	1	18.45	18.59	18.52	19.50
Channel				501500	507000	512500	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	PI/2 BPSK	1	1	18.47	18.53	18.44	19.50
Channel				501000	507000	513000	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	PI/2 BPSK	1	1	18.49	18.50	18.43	19.50
Channel				500500	507000	513500	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	PI/2 BPSK	1	1	18.44	18.50	18.47	19.50

【FR1 n7_Ant7_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				505000	507000	509000	Tune-up limit
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	23.52	24.08	24.01	24.50

50	PI/2 BPSK	1	135	23.24	23.94	23.81	24.50
50	PI/2 BPSK	1	268	22.98	23.58	23.50	24.50
50	PI/2 BPSK	135	0	22.94	23.60	23.49	24.00
50	PI/2 BPSK	135	68	23.39	24.05	23.95	24.50
50	PI/2 BPSK	135	135	22.93	23.57	23.41	24.00
50	PI/2 BPSK	270	0	22.84	23.53	23.41	24.00
50	QPSK	1	1	23.41	24.04	23.82	24.50
50	QPSK	1	135	23.31	24.02	23.86	24.50
50	QPSK	1	268	23.40	24.02	23.91	24.50
50	QPSK	135	0	22.34	23.01	22.92	23.50
50	QPSK	135	68	23.42	24.02	23.83	24.50
50	QPSK	135	135	22.39	23.03	22.83	23.50
50	QPSK	270	0	22.55	23.11	23.02	23.50
50	16QAM	1	1	22.35	23.01	22.92	23.50
50	64QAM	1	1	20.99	21.56	21.41	22.00
50	256QAM	1	1	18.50	18.97	18.77	20.00
Channel				504000	507000	510000	Tune-up limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	23.43	24.07	23.98	24.50
Channel				503500	507000	510500	Tune-up limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	PI/2 BPSK	1	1	23.43	24.06	23.97	24.50
Channel				503000	507000	511000	Tune-up limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	23.44	24.02	23.96	24.50
Channel				502500	507000	511500	Tune-up limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	23.40	23.94	23.94	24.50
Channel				502000	507000	512000	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	23.37	24.00	23.90	24.50
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	23.44	24.03	23.90	24.50
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	23.46	24.06	23.95	24.50
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	23.49	23.96	23.94	24.50

【FR1 n7_Ant7_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				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	16.52	16.62	16.57	17.50
50	PI/2 BPSK	1	135	16.47	16.61	16.44	17.50
50	PI/2 BPSK	1	268	16.30	16.51	16.34	17.50
50	PI/2 BPSK	135	0	16.38	16.53	16.42	17.50
50	PI/2 BPSK	135	68	16.48	16.60	16.50	17.50
50	PI/2 BPSK	135	135	16.36	16.52	16.33	17.50
50	PI/2 BPSK	270	0	16.46	16.59	16.40	17.50
50	QPSK	1	1	16.43	16.59	16.42	17.50
50	QPSK	1	135	16.41	16.55	16.37	17.50
50	QPSK	1	268	16.32	16.55	16.40	17.50
50	QPSK	135	0	16.37	16.55	16.43	17.50
50	QPSK	135	68	16.37	16.59	16.50	17.50
50	QPSK	135	135	16.33	16.57	16.48	17.50
50	QPSK	270	0	16.45	16.59	16.41	17.50
50	16QAM	1	1	16.45	16.58	16.50	17.50
50	64QAM	1	1	16.34	16.50	16.38	17.50
50	256QAM	1	1	16.39	16.60	16.48	17.50
Channel				504000	507000	510000	Tune-up limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	16.39	16.49	16.53	17.50
Channel				503500	507000	510500	Tune-up limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	PI/2 BPSK	1	1	16.42	16.50	16.46	17.50
Channel				503000	507000	511000	Tune-up limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	16.41	16.51	16.51	17.50
Channel				502500	507000	511500	Tune-up limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	

25	PI/2 BPSK	1	1	16.50	16.49	16.53	17.50
Channel				502000	507000	512000	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	16.48	16.55	16.51	17.50
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	16.50	16.59	16.42	17.50
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	16.42	16.55	16.45	17.50
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	16.50	16.56	16.47	17.50

【FR1 n7_Ant7_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				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	17.12	17.18	17.15	18.00
50	PI/2 BPSK	1	135	17.04	17.14	17.07	18.00
50	PI/2 BPSK	1	268	16.90	17.07	16.92	18.00
50	PI/2 BPSK	135	0	16.93	17.12	16.99	18.00
50	PI/2 BPSK	135	68	17.09	17.16	17.11	18.00
50	PI/2 BPSK	135	135	16.91	17.11	16.99	18.00
50	PI/2 BPSK	270	0	16.97	17.12	17.00	18.00
50	QPSK	1	1	16.93	17.08	17.03	18.00
50	QPSK	1	135	16.95	17.07	16.93	18.00
50	QPSK	1	268	17.03	17.13	17.06	18.00
50	QPSK	135	0	16.94	17.08	17.03	18.00
50	QPSK	135	68	16.95	17.08	16.94	18.00
50	QPSK	135	135	16.97	17.11	16.94	18.00
50	QPSK	270	0	16.91	17.07	16.91	18.00
50	16QAM	1	1	16.95	17.08	16.99	18.00
50	64QAM	1	1	16.91	17.11	16.96	18.00
50	256QAM	1	1	16.86	17.06	16.92	18.00
Channel				504000	507000	510000	Tune-up limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	17.02	17.08	17.03	18.00
Channel				503500	507000	510500	Tune-up limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	PI/2 BPSK	1	1	17.05	17.03	17.07	18.00
Channel				503000	507000	511000	Tune-up limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	17.11	17.08	17.09	18.00
Channel				502500	507000	511500	Tune-up limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	17.00	17.07	17.04	18.00
Channel				502000	507000	512000	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	17.05	17.15	17.06	18.00
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	17.07	17.15	17.02	18.00
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	17.04	17.14	17.03	18.00
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	17.07	17.11	17.02	18.00

【FR1 n7_Ant7_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				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	17.12	17.18	17.15	18.00
50	PI/2 BPSK	1	135	17.04	17.14	17.07	18.00
50	PI/2 BPSK	1	268	16.90	17.07	16.92	18.00

50	PI/2 BPSK	135	0	16.93	17.12	16.99	18.00
50	PI/2 BPSK	135	68	17.09	17.16	17.11	18.00
50	PI/2 BPSK	135	135	16.91	17.11	16.99	18.00
50	PI/2 BPSK	270	0	16.97	17.12	17.00	18.00
50	QPSK	1	1	16.93	17.08	17.03	18.00
50	QPSK	1	135	16.95	17.07	16.93	18.00
50	QPSK	1	268	17.03	17.13	17.06	18.00
50	QPSK	135	0	16.94	17.08	17.03	18.00
50	QPSK	135	68	16.95	17.08	16.94	18.00
50	QPSK	135	135	16.97	17.11	16.94	18.00
50	QPSK	270	0	16.91	17.07	16.91	18.00
50	16QAM	1	1	16.95	17.08	16.99	18.00
50	64QAM	1	1	16.91	17.11	16.96	18.00
50	256QAM	1	1	16.86	17.06	16.92	18.00
Channel				504000	507000	510000	Tune-up limit
Frequency (MHz)				2520	2535	2550	(dBm)
40	PI/2 BPSK	1	1	17.02	17.08	17.03	18.00
Channel				503500	507000	510500	Tune-up limit
Frequency (MHz)				2517.5	2535	2552.5	(dBm)
35	PI/2 BPSK	1	1	17.05	17.03	17.07	18.00
Channel				503000	507000	511000	Tune-up limit
Frequency (MHz)				2515	2535	2555	(dBm)
30	PI/2 BPSK	1	1	17.11	17.08	17.09	18.00
Channel				502500	507000	511500	Tune-up limit
Frequency (MHz)				2512.5	2535	2557.5	(dBm)
25	PI/2 BPSK	1	1	17.00	17.07	17.04	18.00
Channel				502000	507000	512000	Tune-up limit
Frequency (MHz)				2510	2535	2560	(dBm)
20	PI/2 BPSK	1	1	17.05	17.15	17.06	18.00
Channel				501500	507000	512500	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	PI/2 BPSK	1	1	17.07	17.15	17.02	18.00
Channel				501000	507000	513000	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	PI/2 BPSK	1	1	17.04	17.14	17.03	18.00
Channel				500500	507000	513500	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	PI/2 BPSK	1	1	17.07	17.11	17.02	18.00

【FR1 n7_Ant7_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				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	16.52	16.62	16.57	17.50
50	PI/2 BPSK	1	135	16.47	16.61	16.44	17.50
50	PI/2 BPSK	1	268	16.30	16.51	16.34	17.50
50	PI/2 BPSK	135	0	16.38	16.53	16.42	17.50
50	PI/2 BPSK	135	68	16.48	16.60	16.50	17.50
50	PI/2 BPSK	135	135	16.36	16.52	16.33	17.50
50	PI/2 BPSK	270	0	16.46	16.59	16.40	17.50
50	QPSK	1	1	16.43	16.59	16.42	17.50
50	QPSK	1	135	16.41	16.55	16.37	17.50
50	QPSK	1	268	16.32	16.55	16.40	17.50
50	QPSK	135	0	16.37	16.55	16.43	17.50
50	QPSK	135	68	16.37	16.59	16.50	17.50
50	QPSK	135	135	16.33	16.57	16.48	17.50
50	QPSK	270	0	16.45	16.59	16.41	17.50
50	16QAM	1	1	16.45	16.58	16.50	17.50
50	64QAM	1	1	16.34	16.50	16.38	17.50
50	256QAM	1	1	16.39	16.60	16.48	17.50
Channel				504000	507000	510000	Tune-up limit
Frequency (MHz)				2520	2535	2550	(dBm)
40	PI/2 BPSK	1	1	16.39	16.49	16.53	17.50
Channel				503500	507000	510500	Tune-up limit
Frequency (MHz)				2517.5	2535	2552.5	(dBm)
35	PI/2 BPSK	1	1	16.42	16.50	16.46	17.50
Channel				503000	507000	511000	Tune-up limit
Frequency (MHz)				2515	2535	2555	(dBm)
30	PI/2 BPSK	1	1	16.41	16.51	16.51	17.50
Channel				502500	507000	511500	Tune-up limit
Frequency (MHz)				2512.5	2535	2557.5	(dBm)
25	PI/2 BPSK	1	1	16.50	16.49	16.53	17.50
Channel				502000	507000	512000	Tune-up limit

	Frequency (MHz)			2510	2535	2560	(dBm)
20	PI/2 BPSK	1	1	16.48	16.55	16.51	17.50
	Channel			501500	507000	512500	Tune-up limit
	Frequency (MHz)			2507.5	2535	2562.5	(dBm)
15	PI/2 BPSK	1	1	16.50	16.59	16.42	17.50
	Channel			501000	507000	513000	Tune-up limit
	Frequency (MHz)			2505	2535	2565	(dBm)
10	PI/2 BPSK	1	1	16.42	16.55	16.45	17.50
	Channel			500500	507000	513500	Tune-up limit
	Frequency (MHz)			2502.5	2535	2567.5	(dBm)
5	PI/2 BPSK	1	1	16.50	16.56	16.47	17.50

【FR1 n26__FCC_Ant0_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			164800	166300	167800	
	Frequency (MHz)			824	831.5	839	
20	PI/2 BPSK	1	1	25.01	25.05	25.03	25.70
20	PI/2 BPSK	1	53	24.86	25.00	24.85	25.70
20	PI/2 BPSK	1	104	24.80	24.97	24.77	25.70
20	PI/2 BPSK	50	0	24.43	24.56	24.41	25.20
20	PI/2 BPSK	50	28	24.84	24.94	24.74	25.70
20	PI/2 BPSK	50	56	24.49	24.60	24.46	25.20
20	PI/2 BPSK	100	0	24.34	24.53	24.44	25.20
20	QPSK	1	1	24.79	24.90	24.82	25.70
20	QPSK	1	53	24.74	24.90	24.70	25.70
20	QPSK	1	104	24.85	24.99	24.86	25.70
20	QPSK	50	0	23.82	23.95	23.76	24.70
20	QPSK	50	28	24.79	24.88	24.79	25.70
20	QPSK	50	56	23.91	24.11	23.95	24.70
20	QPSK	100	0	24.06	24.15	24.02	24.70
20	16QAM	1	1	23.88	24.00	23.91	24.70
20	64QAM	1	1	22.37	22.45	22.37	23.20
20	256QAM	1	1	20.29	20.44	20.28	21.20
	Channel			164300	166300	168300	Tune-up limit
	Frequency (MHz)			821.5	831.5	841.5	(dBm)
15	PI/2 BPSK	1	1	24.98	25.00	24.98	25.70
	Channel			163800	166300	168800	Tune-up limit
	Frequency (MHz)			819	831.5	844	(dBm)
10	PI/2 BPSK	1	1	24.91	25.04	24.93	25.70
	Channel			163300	166300	169300	Tune-up limit
	Frequency (MHz)			816.5	831.5	846.5	(dBm)
5	PI/2 BPSK	1	1	24.99	24.93	24.95	25.70

【FR1 n26__FCC_Ant0_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			164800	166300	167800	
	Frequency (MHz)			824	831.5	839	
20	PI/2 BPSK	1	1	25.01	25.05	25.03	25.70
20	PI/2 BPSK	1	53	24.86	25.00	24.85	25.70
20	PI/2 BPSK	1	104	24.80	24.97	24.77	25.70
20	PI/2 BPSK	50	0	24.43	24.56	24.41	25.20
20	PI/2 BPSK	50	28	24.84	24.94	24.74	25.70
20	PI/2 BPSK	50	56	24.49	24.60	24.46	25.20
20	PI/2 BPSK	100	0	24.34	24.53	24.44	25.20
20	QPSK	1	1	24.79	24.90	24.82	25.70
20	QPSK	1	53	24.74	24.90	24.70	25.70
20	QPSK	1	104	24.85	24.99	24.86	25.70
20	QPSK	50	0	23.82	23.95	23.76	24.70
20	QPSK	50	28	24.79	24.88	24.79	25.70
20	QPSK	50	56	23.91	24.11	23.95	24.70
20	QPSK	100	0	24.06	24.15	24.02	24.70
20	16QAM	1	1	23.88	24.00	23.91	24.70
20	64QAM	1	1	22.37	22.45	22.37	23.20
20	256QAM	1	1	20.29	20.44	20.28	21.20
	Channel			164300	166300	168300	Tune-up limit
	Frequency (MHz)			821.5	831.5	841.5	(dBm)
15	PI/2 BPSK	1	1	24.98	25.00	24.98	25.70

Channel				163800	166300	168800	Tune-up limit
Frequency (MHz)				819	831.5	844	(dBm)
10	PI/2 BPSK	1	1	24.91	25.04	24.93	25.70
Channel				163300	166300	169300	Tune-up limit
Frequency (MHz)				816.5	831.5	846.5	(dBm)
5	PI/2 BPSK	1	1	24.99	24.93	24.95	25.70

【FR1 n26_FCC_Ant0_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				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	24.11	24.15	24.08	24.70
20	PI/2 BPSK	1	53	23.98	24.04	23.90	24.70
20	PI/2 BPSK	1	104	23.87	23.99	23.87	24.70
20	PI/2 BPSK	50	0	23.84	23.97	23.75	24.70
20	PI/2 BPSK	50	28	24.05	24.11	23.99	24.70
20	PI/2 BPSK	50	56	23.95	24.03	23.84	24.70
20	PI/2 BPSK	100	0	23.99	24.08	23.89	24.70
20	QPSK	1	1	23.93	24.04	23.84	24.70
20	QPSK	1	53	23.94	24.04	23.86	24.70
20	QPSK	1	104	23.93	24.11	23.92	24.70
20	QPSK	50	0	23.91	24.00	23.81	24.70
20	QPSK	50	28	23.94	24.05	23.85	24.70
20	QPSK	50	56	24.03	24.10	24.01	24.70
20	QPSK	100	0	23.96	24.02	23.91	24.70
20	16QAM	1	1	23.90	24.06	23.95	24.70
20	64QAM	1	1	22.37	22.45	22.33	23.20
20	256QAM	1	1	20.35	20.44	20.29	21.20
Channel				164300	166300	168300	Tune-up limit
Frequency (MHz)				821.5	831.5	841.5	(dBm)
15	PI/2 BPSK	1	1	24.05	24.09	23.99	24.70
Channel				163800	166300	168800	Tune-up limit
Frequency (MHz)				819	831.5	844	(dBm)
10	PI/2 BPSK	1	1	23.97	24.00	24.03	24.70
Channel				163300	166300	169300	Tune-up limit
Frequency (MHz)				816.5	831.5	846.5	(dBm)
5	PI/2 BPSK	1	1	24.01	24.04	23.98	24.70

【FR1 n26_FCC_Ant0_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				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	24.11	24.15	24.08	24.70
20	PI/2 BPSK	1	53	23.98	24.04	23.90	24.70
20	PI/2 BPSK	1	104	23.87	23.99	23.87	24.70
20	PI/2 BPSK	50	0	23.84	23.97	23.75	24.70
20	PI/2 BPSK	50	28	24.05	24.11	23.99	24.70
20	PI/2 BPSK	50	56	23.95	24.03	23.84	24.70
20	PI/2 BPSK	100	0	23.99	24.08	23.89	24.70
20	QPSK	1	1	23.93	24.04	23.84	24.70
20	QPSK	1	53	23.94	24.04	23.86	24.70
20	QPSK	1	104	23.93	24.11	23.92	24.70
20	QPSK	50	0	23.91	24.00	23.81	24.70
20	QPSK	50	28	23.94	24.05	23.85	24.70
20	QPSK	50	56	24.03	24.10	24.01	24.70
20	QPSK	100	0	23.96	24.02	23.91	24.70
20	16QAM	1	1	23.90	24.06	23.95	24.70
20	64QAM	1	1	22.37	22.45	22.33	23.20
20	256QAM	1	1	20.35	20.44	20.29	21.20
Channel				164300	166300	168300	Tune-up limit
Frequency (MHz)				821.5	831.5	841.5	(dBm)
15	PI/2 BPSK	1	1	24.05	24.09	23.99	24.70
Channel				163800	166300	168800	Tune-up limit
Frequency (MHz)				819	831.5	844	(dBm)
10	PI/2 BPSK	1	1	23.97	24.00	24.03	24.70
Channel				163300	166300	169300	Tune-up limit
Frequency (MHz)				816.5	831.5	846.5	(dBm)

5	PI/2 BPSK	1	1	24.01	24.04	23.98	24.70
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【FR1 n26_FCC_Ant0_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				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	24.11	24.15	24.08	24.70
20	PI/2 BPSK	1	53	23.98	24.04	23.90	24.70
20	PI/2 BPSK	1	104	23.87	23.99	23.87	24.70
20	PI/2 BPSK	50	0	23.84	23.97	23.75	24.70
20	PI/2 BPSK	50	28	24.05	24.11	23.99	24.70
20	PI/2 BPSK	50	56	23.95	24.03	23.84	24.70
20	PI/2 BPSK	100	0	23.99	24.08	23.89	24.70
20	QPSK	1	1	23.93	24.04	23.84	24.70
20	QPSK	1	53	23.94	24.04	23.86	24.70
20	QPSK	1	104	23.93	24.11	23.92	24.70
20	QPSK	50	0	23.91	24.00	23.81	24.70
20	QPSK	50	28	23.94	24.05	23.85	24.70
20	QPSK	50	56	24.03	24.10	24.01	24.70
20	QPSK	100	0	23.96	24.02	23.91	24.70
20	16QAM	1	1	23.90	24.06	23.95	24.70
20	64QAM	1	1	22.37	22.45	22.33	23.20
20	256QAM	1	1	20.35	20.44	20.29	21.20
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	24.05	24.09	23.99	24.70
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	23.97	24.00	24.03	24.70
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	24.01	24.04	23.98	24.70

【FR1 n26_FCC_Ant1_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				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	24.82	24.87	24.86	25.70
20	PI/2 BPSK	1	53	24.64	24.82	24.66	25.70
20	PI/2 BPSK	1	104	24.54	24.73	24.60	25.70
20	PI/2 BPSK	50	0	24.30	24.39	24.37	25.20
20	PI/2 BPSK	50	28	24.58	24.77	24.72	25.70
20	PI/2 BPSK	50	56	24.31	24.49	24.44	25.20
20	PI/2 BPSK	100	0	24.35	24.49	24.42	25.20
20	QPSK	1	1	24.60	24.72	24.69	25.70
20	QPSK	1	53	24.59	24.73	24.68	25.70
20	QPSK	1	104	24.66	24.84	24.69	25.70
20	QPSK	50	0	23.98	24.08	23.96	24.70
20	QPSK	50	28	24.73	24.82	24.70	25.70
20	QPSK	50	56	23.73	23.83	23.80	24.70
20	QPSK	100	0	23.55	23.71	23.68	24.70
20	16QAM	1	1	23.82	23.93	23.78	24.70
20	64QAM	1	1	22.30	22.41	22.27	23.20
20	256QAM	1	1	20.05	20.21	20.14	21.20
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	24.78	24.85	24.71	25.70
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	24.78	24.85	24.80	25.70
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	24.73	24.77	24.84	25.70

【FR1 n26__FCC_Ant1_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				164800	166300	167800	Tune-up limit (dBm)
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	19.68	19.74	19.71	20.70
20	PI/2 BPSK	1	53	19.56	19.72	19.54	20.70
20	PI/2 BPSK	1	104	19.50	19.68	19.61	20.70
20	PI/2 BPSK	50	0	19.57	19.70	19.55	20.70
20	PI/2 BPSK	50	28	19.68	19.72	19.67	20.70
20	PI/2 BPSK	50	56	19.48	19.67	19.58	20.70
20	PI/2 BPSK	100	0	19.61	19.69	19.60	20.70
20	QPSK	1	1	19.49	19.64	19.56	20.70
20	QPSK	1	53	19.56	19.72	19.68	20.70
20	QPSK	1	104	19.49	19.69	19.52	20.70
20	QPSK	50	0	19.52	19.70	19.60	20.70
20	QPSK	50	28	19.50	19.65	19.48	20.70
20	QPSK	50	56	19.49	19.63	19.54	20.70
20	QPSK	100	0	19.46	19.65	19.60	20.70
20	16QAM	1	1	19.48	19.64	19.56	20.70
20	64QAM	1	1	19.52	19.72	19.63	20.70
20	256QAM	1	1	19.52	19.68	19.62	20.70
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	19.66	19.64	19.59	20.70
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	19.61	19.68	19.65	20.70
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	19.55	19.59	19.61	20.70

【FR1 n26__FCC_Ant1_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				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	19.68	19.74	19.71	20.70
20	PI/2 BPSK	1	53	19.56	19.72	19.54	20.70
20	PI/2 BPSK	1	104	19.50	19.68	19.61	20.70
20	PI/2 BPSK	50	0	19.57	19.70	19.55	20.70
20	PI/2 BPSK	50	28	19.68	19.72	19.67	20.70
20	PI/2 BPSK	50	56	19.48	19.67	19.58	20.70
20	PI/2 BPSK	100	0	19.61	19.69	19.60	20.70
20	QPSK	1	1	19.49	19.64	19.56	20.70
20	QPSK	1	53	19.56	19.72	19.68	20.70
20	QPSK	1	104	19.49	19.69	19.52	20.70
20	QPSK	50	0	19.52	19.70	19.60	20.70
20	QPSK	50	28	19.50	19.65	19.48	20.70
20	QPSK	50	56	19.49	19.63	19.54	20.70
20	QPSK	100	0	19.46	19.65	19.60	20.70
20	16QAM	1	1	19.48	19.64	19.56	20.70
20	64QAM	1	1	19.52	19.72	19.63	20.70
20	256QAM	1	1	19.52	19.68	19.62	20.70
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	19.66	19.64	19.59	20.70
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	19.61	19.68	19.65	20.70
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	19.55	19.59	19.61	20.70

【FR1 n26__FCC_Ant1_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				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	19.68	19.74	19.71	20.70
20	PI/2 BPSK	1	53	19.56	19.72	19.54	20.70
20	PI/2 BPSK	1	104	19.50	19.68	19.61	20.70
20	PI/2 BPSK	50	0	19.57	19.70	19.55	20.70
20	PI/2 BPSK	50	28	19.68	19.72	19.67	20.70
20	PI/2 BPSK	50	56	19.48	19.67	19.58	20.70
20	PI/2 BPSK	100	0	19.61	19.69	19.60	20.70
20	QPSK	1	1	19.49	19.64	19.56	20.70
20	QPSK	1	53	19.56	19.72	19.68	20.70
20	QPSK	1	104	19.49	19.69	19.52	20.70
20	QPSK	50	0	19.52	19.70	19.60	20.70
20	QPSK	50	28	19.50	19.65	19.48	20.70
20	QPSK	50	56	19.49	19.63	19.54	20.70
20	QPSK	100	0	19.46	19.65	19.60	20.70
20	16QAM	1	1	19.48	19.64	19.56	20.70
20	64QAM	1	1	19.52	19.72	19.63	20.70
20	256QAM	1	1	19.52	19.68	19.62	20.70
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	19.66	19.64	19.59	20.70
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	19.61	19.68	19.65	20.70
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	19.55	19.59	19.61	20.70

【FR1 n26_FCC_Ant1_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				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	24.82	24.87	24.86	25.70
20	PI/2 BPSK	1	53	24.64	24.82	24.66	25.70
20	PI/2 BPSK	1	104	24.54	24.73	24.60	25.70
20	PI/2 BPSK	50	0	24.30	24.39	24.37	25.20
20	PI/2 BPSK	50	28	24.58	24.77	24.72	25.70
20	PI/2 BPSK	50	56	24.31	24.49	24.44	25.20
20	PI/2 BPSK	100	0	24.35	24.49	24.42	25.20
20	QPSK	1	1	24.60	24.72	24.69	25.70
20	QPSK	1	53	24.59	24.73	24.68	25.70
20	QPSK	1	104	24.66	24.84	24.69	25.70
20	QPSK	50	0	23.98	24.08	23.96	24.70
20	QPSK	50	28	24.73	24.82	24.70	25.70
20	QPSK	50	56	23.73	23.83	23.80	24.70
20	QPSK	100	0	23.55	23.71	23.68	24.70
20	16QAM	1	1	23.82	23.93	23.78	24.70
20	64QAM	1	1	22.30	22.41	22.27	23.20
20	256QAM	1	1	20.05	20.21	20.14	21.20
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	24.78	24.85	24.71	25.70
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	24.78	24.85	24.80	25.70
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	24.73	24.77	24.84	25.70

【FR1 n38_Ant4_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				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	25.38	25.45	25.41	25.70
40	PI/2 BPSK	1	53	25.19	25.35	25.20	25.70
40	PI/2 BPSK	1	104	25.09	25.30	25.16	25.70
40	PI/2 BPSK	50	0	24.65	24.84	24.74	25.20
40	PI/2 BPSK	50	28	25.31	25.41	25.28	25.70
40	PI/2 BPSK	50	56	24.86	24.98	24.88	25.20
40	PI/2 BPSK	100	0	24.72	24.87	24.73	25.20
40	QPSK	1	1	25.04	25.25	25.06	25.70
40	QPSK	1	53	25.32	25.41	25.25	25.70
40	QPSK	1	104	25.16	25.34	25.26	25.70
40	QPSK	50	0	24.37	24.47	24.37	24.70
40	QPSK	50	28	25.16	25.25	25.07	25.70
40	QPSK	50	56	24.35	24.50	24.35	24.70
40	QPSK	100	0	24.34	24.50	24.35	24.70
40	16QAM	1	1	24.31	24.39	24.26	24.70
40	64QAM	1	1	22.68	22.86	22.72	23.20
40	256QAM	1	1	20.80	20.89	20.80	21.20
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	25.21	25.29	25.21	25.70
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	25.25	25.18	25.12	25.70
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	25.17	25.22	25.23	25.70
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	25.17	25.19	25.10	25.70
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	25.23	25.29	25.16	25.70

【FR1 n38_Ant4_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				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	16.15	16.20	16.18	16.70
40	PI/2 BPSK	1	53	16.05	16.19	16.11	16.70
40	PI/2 BPSK	1	104	16.03	16.13	15.97	16.70
40	PI/2 BPSK	50	0	15.98	16.13	16.03	16.70
40	PI/2 BPSK	50	28	16.11	16.18	16.09	16.70
40	PI/2 BPSK	50	56	15.92	16.09	15.99	16.70
40	PI/2 BPSK	100	0	15.95	16.15	15.99	16.70
40	QPSK	1	1	16.00	16.11	16.02	16.70
40	QPSK	1	53	15.93	16.08	15.92	16.70
40	QPSK	1	104	15.97	16.16	16.11	16.70
40	QPSK	50	0	16.00	16.17	16.12	16.70
40	QPSK	50	28	15.93	16.10	16.02	16.70
40	QPSK	50	56	15.98	16.15	16.06	16.70
40	QPSK	100	0	15.93	16.09	16.00	16.70
40	16QAM	1	1	15.95	16.13	16.04	16.70
40	64QAM	1	1	15.96	16.12	16.00	16.70
40	256QAM	1	1	16.01	16.10	16.02	16.70
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	16.05	16.10	16.03	16.70
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	16.12	16.17	16.15	16.70
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	16.08	16.08	16.10	16.70
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	16.03	16.15	16.06	16.70
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	16.14	16.05	16.06	16.70

【FR1 n38_Ant4_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				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	17.18	17.23	17.15	17.70
40	PI/2 BPSK	1	53	17.05	17.11	16.96	17.70
40	PI/2 BPSK	1	104	16.93	17.09	16.99	17.70
40	PI/2 BPSK	50	0	17.09	17.19	16.98	17.70
40	PI/2 BPSK	50	28	17.13	17.21	17.15	17.70
40	PI/2 BPSK	50	56	17.03	17.16	17.03	17.70
40	PI/2 BPSK	100	0	16.96	17.15	17.05	17.70
40	QPSK	1	1	17.03	17.12	16.93	17.70
40	QPSK	1	53	16.96	17.12	16.99	17.70
40	QPSK	1	104	16.95	17.15	17.05	17.70
40	QPSK	50	0	17.00	17.16	16.98	17.70
40	QPSK	50	28	17.00	17.15	17.01	17.70
40	QPSK	50	56	16.95	17.10	16.93	17.70
40	QPSK	100	0	17.02	17.19	17.03	17.70
40	16QAM	1	1	17.03	17.18	16.99	17.70
40	64QAM	1	1	17.06	17.14	17.01	17.70
40	256QAM	1	1	16.99	17.09	16.91	17.70
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	17.08	17.12	17.11	17.70
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	17.14	17.14	17.02	17.70
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	17.09	17.20	17.04	17.70

Channel				515500	519000	522500	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	PI/2 BPSK	1	1	17.13	17.11	17.08	17.70
Channel				515000	519000	523000	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	PI/2 BPSK	1	1	17.03	17.19	17.04	17.70

【FR1 n38_Ant4_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				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	25.38	25.45	25.41	25.70
40	PI/2 BPSK	1	53	25.19	25.35	25.20	25.70
40	PI/2 BPSK	1	104	25.09	25.30	25.16	25.70
40	PI/2 BPSK	50	0	24.65	24.84	24.74	25.20
40	PI/2 BPSK	50	28	25.31	25.41	25.28	25.70
40	PI/2 BPSK	50	56	24.86	24.98	24.88	25.20
40	PI/2 BPSK	100	0	24.72	24.87	24.73	25.20
40	QPSK	1	1	25.04	25.25	25.06	25.70
40	QPSK	1	53	25.32	25.41	25.25	25.70
40	QPSK	1	104	25.16	25.34	25.26	25.70
40	QPSK	50	0	24.37	24.47	24.37	24.70
40	QPSK	50	28	25.16	25.25	25.07	25.70
40	QPSK	50	56	24.35	24.50	24.35	24.70
40	QPSK	100	0	24.34	24.50	24.35	24.70
40	16QAM	1	1	24.31	24.39	24.26	24.70
40	64QAM	1	1	22.68	22.86	22.72	23.20
40	256QAM	1	1	20.80	20.89	20.80	21.20
Channel				517000	519000	521000	Tune-up limit
Frequency (MHz)				2585	2595	2605	(dBm)
30	PI/2 BPSK	1	1	25.21	25.29	25.21	25.70
Channel				516500	519000	521500	Tune-up limit
Frequency (MHz)				2582.5	2595	2607.5	(dBm)
25	PI/2 BPSK	1	1	25.25	25.18	25.12	25.70
Channel				516000	519000	522000	Tune-up limit
Frequency (MHz)				2580	2595	2610	(dBm)
20	PI/2 BPSK	1	1	25.17	25.22	25.23	25.70
Channel				515500	519000	522500	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	PI/2 BPSK	1	1	25.17	25.19	25.10	25.70
Channel				515000	519000	523000	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	PI/2 BPSK	1	1	25.23	25.29	25.16	25.70

【FR1 n38_Ant4_DS15】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	16.15	16.20	16.18	16.70
40	PI/2 BPSK	1	53	16.05	16.19	16.11	16.70
40	PI/2 BPSK	1	104	16.03	16.13	15.97	16.70
40	PI/2 BPSK	50	0	15.98	16.13	16.03	16.70
40	PI/2 BPSK	50	28	16.11	16.18	16.09	16.70
40	PI/2 BPSK	50	56	15.92	16.09	15.99	16.70
40	PI/2 BPSK	100	0	15.95	16.15	15.99	16.70
40	QPSK	1	1	16.00	16.11	16.02	16.70
40	QPSK	1	53	15.93	16.08	15.92	16.70
40	QPSK	1	104	15.97	16.16	16.11	16.70
40	QPSK	50	0	16.00	16.17	16.12	16.70
40	QPSK	50	28	15.93	16.10	16.02	16.70
40	QPSK	50	56	15.98	16.15	16.06	16.70
40	QPSK	100	0	15.93	16.09	16.00	16.70
40	16QAM	1	1	15.95	16.13	16.04	16.70
40	64QAM	1	1	15.96	16.12	16.00	16.70
40	256QAM	1	1	16.01	16.10	16.02	16.70
Channel				517000	519000	521000	Tune-up limit
Frequency (MHz)				2585	2595	2605	(dBm)

30	PI/2 BPSK	1	1	16.05	16.10	16.03	16.70
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	16.12	16.17	16.15	16.70
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	16.08	16.08	16.10	16.70
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	16.03	16.15	16.06	16.70
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	16.14	16.05	16.06	16.70

【FR1 n38_Ant5_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				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	24.06	24.15	24.03	25.00
40	PI/2 BPSK	1	53	24.03	24.14	23.98	25.00
40	PI/2 BPSK	1	104	24.04	24.12	23.97	25.00
40	PI/2 BPSK	50	0	23.62	23.85	23.72	24.50
40	PI/2 BPSK	50	28	24.03	24.14	23.99	25.00
40	PI/2 BPSK	50	56	23.47	23.67	23.41	24.50
40	PI/2 BPSK	100	0	23.49	23.72	23.58	24.50
40	QPSK	1	1	23.97	24.15	23.92	25.00
40	QPSK	1	53	23.99	24.18	23.96	25.00
40	QPSK	1	104	24.09	24.23	24.09	25.00
40	QPSK	50	0	23.10	23.23	23.10	24.00
40	QPSK	50	28	23.89	24.12	23.98	25.00
40	QPSK	50	56	23.03	23.14	22.99	24.00
40	QPSK	100	0	23.03	23.20	23.02	24.00
40	16QAM	1	1	22.94	23.15	23.00	24.00
40	64QAM	1	1	21.47	21.66	21.41	22.50
40	256QAM	1	1	19.99	19.67	20.00	20.50
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	24.00	24.02	23.99	25.00
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	23.92	24.06	23.88	25.00
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	24.00	24.00	23.91	25.00
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	23.98	24.05	23.99	25.00
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	23.98	24.09	24.00	25.00

【FR1 n38_Ant5_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				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	14.92	14.97	14.95	16.00
40	PI/2 BPSK	1	53	14.72	14.83	14.67	16.00
40	PI/2 BPSK	1	104	14.77	14.90	14.83	16.00
40	PI/2 BPSK	50	0	14.72	14.80	14.75	16.00
40	PI/2 BPSK	50	28	14.89	14.95	14.92	16.00
40	PI/2 BPSK	50	56	14.76	14.84	14.78	16.00
40	PI/2 BPSK	100	0	14.72	14.91	14.76	16.00
40	QPSK	1	1	14.69	14.82	14.66	16.00
40	QPSK	1	53	14.75	14.91	14.87	16.00
40	QPSK	1	104	14.70	14.86	14.81	16.00
40	QPSK	50	0	14.78	14.87	14.80	16.00
40	QPSK	50	28	14.76	14.86	14.76	16.00

40	QPSK	50	56	14.75	14.84	14.70	16.00
40	QPSK	100	0	14.84	14.91	14.77	16.00
40	16QAM	1	1	14.72	14.90	14.76	16.00
40	64QAM	1	1	14.65	14.80	14.68	16.00
40	256QAM	1	1	14.62	14.81	14.78	16.00
Channel				517000	519000	521000	Tune-up limit
Frequency (MHz)				2585	2595	2605	(dBm)
30	PI/2 BPSK	1	1	14.78	14.94	14.91	16.00
Channel				516500	519000	521500	Tune-up limit
Frequency (MHz)				2582.5	2595	2607.5	(dBm)
25	PI/2 BPSK	1	1	14.83	14.92	14.93	16.00
Channel				516000	519000	522000	Tune-up limit
Frequency (MHz)				2580	2595	2610	(dBm)
20	PI/2 BPSK	1	1	14.80	14.94	14.89	16.00
Channel				515500	519000	522500	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	PI/2 BPSK	1	1	14.88	14.94	14.90	16.00
Channel				515000	519000	523000	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	PI/2 BPSK	1	1	14.89	14.86	14.86	16.00

【FR1 n38_Ant5_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				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	16.95	17.02	16.98	18.00
40	PI/2 BPSK	1	53	16.84	16.93	16.81	18.00
40	PI/2 BPSK	1	104	16.69	16.89	16.74	18.00
40	PI/2 BPSK	50	0	16.71	16.90	16.72	18.00
40	PI/2 BPSK	50	28	16.88	16.98	16.92	18.00
40	PI/2 BPSK	50	56	16.77	16.93	16.82	18.00
40	PI/2 BPSK	100	0	16.84	16.92	16.75	18.00
40	QPSK	1	1	16.81	16.97	16.84	18.00
40	QPSK	1	53	16.79	16.91	16.85	18.00
40	QPSK	1	104	16.83	16.93	16.82	18.00
40	QPSK	50	0	16.77	16.92	16.82	18.00
40	QPSK	50	28	16.81	16.92	16.82	18.00
40	QPSK	50	56	16.79	16.92	16.80	18.00
40	QPSK	100	0	16.77	16.85	16.69	18.00
40	16QAM	1	1	16.85	16.94	16.86	18.00
40	64QAM	1	1	16.63	16.85	16.72	18.00
40	256QAM	1	1	16.71	16.90	16.74	18.00
Channel				517000	519000	521000	Tune-up limit
Frequency (MHz)				2585	2595	2605	(dBm)
30	PI/2 BPSK	1	1	16.84	16.97	16.89	18.00
Channel				516500	519000	521500	Tune-up limit
Frequency (MHz)				2582.5	2595	2607.5	(dBm)
25	PI/2 BPSK	1	1	16.86	16.97	16.89	18.00
Channel				516000	519000	522000	Tune-up limit
Frequency (MHz)				2580	2595	2610	(dBm)
20	PI/2 BPSK	1	1	16.93	16.98	16.88	18.00
Channel				515500	519000	522500	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	PI/2 BPSK	1	1	16.89	16.95	16.87	18.00
Channel				515000	519000	523000	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	PI/2 BPSK	1	1	16.85	16.87	16.93	18.00

【FR1 n38_Ant5_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				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	24.06	24.15	24.03	25.00
40	PI/2 BPSK	1	53	24.03	24.14	23.98	25.00
40	PI/2 BPSK	1	104	24.04	24.12	23.97	25.00
40	PI/2 BPSK	50	0	23.62	23.85	23.72	24.50
40	PI/2 BPSK	50	28	24.03	24.14	23.99	25.00
40	PI/2 BPSK	50	56	23.47	23.67	23.41	24.50
40	PI/2 BPSK	100	0	23.49	23.72	23.58	24.50
40	QPSK	1	1	23.97	24.15	23.92	25.00
40	QPSK	1	53	23.99	24.18	23.96	25.00
40	QPSK	1	104	24.09	24.23	24.09	25.00
40	QPSK	50	0	23.10	23.23	23.10	24.00
40	QPSK	50	28	23.89	24.12	23.98	25.00
40	QPSK	50	56	23.03	23.14	22.99	24.00
40	QPSK	100	0	23.03	23.20	23.02	24.00
40	16QAM	1	1	22.94	23.15	23.00	24.00
40	64QAM	1	1	21.47	21.66	21.41	22.50
40	256QAM	1	1	19.99	19.67	20.00	20.50
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	24.00	24.02	23.99	25.00
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	23.92	24.06	23.88	25.00
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	24.00	24.00	23.91	25.00
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	23.98	24.05	23.99	25.00
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	23.98	24.09	24.00	25.00

【FR1 n38_Ant5_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				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	14.92	14.97	14.95	16.00
40	PI/2 BPSK	1	53	14.72	14.83	14.67	16.00
40	PI/2 BPSK	1	104	14.77	14.90	14.83	16.00
40	PI/2 BPSK	50	0	14.72	14.80	14.75	16.00
40	PI/2 BPSK	50	28	14.89	14.95	14.92	16.00
40	PI/2 BPSK	50	56	14.76	14.84	14.78	16.00
40	PI/2 BPSK	100	0	14.72	14.91	14.76	16.00
40	QPSK	1	1	14.69	14.82	14.66	16.00
40	QPSK	1	53	14.75	14.91	14.87	16.00
40	QPSK	1	104	14.70	14.86	14.81	16.00
40	QPSK	50	0	14.78	14.87	14.80	16.00
40	QPSK	50	28	14.76	14.86	14.76	16.00
40	QPSK	50	56	14.75	14.84	14.70	16.00
40	QPSK	100	0	14.84	14.91	14.77	16.00
40	16QAM	1	1	14.72	14.90	14.76	16.00
40	64QAM	1	1	14.65	14.80	14.68	16.00
40	256QAM	1	1	14.62	14.81	14.78	16.00
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	14.78	14.94	14.91	16.00
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	14.83	14.92	14.93	16.00
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	14.80	14.94	14.89	16.00
Channel				515500	519000	522500	Tune-up limit

Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	PI/2 BPSK	1	1	14.88	14.94	14.90	16.00
Channel				515000	519000	523000	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	PI/2 BPSK	1	1	14.89	14.86	14.86	16.00

【FR1 n38_Ant6_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				518000	519000	520000	Tune-up limit (dBm)
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	25.06	25.08	25.01	25.50
40	PI/2 BPSK	1	53	24.90	25.03	24.83	25.50
40	PI/2 BPSK	1	104	24.97	25.00	24.80	25.50
40	PI/2 BPSK	50	0	24.57	24.67	24.51	25.00
40	PI/2 BPSK	50	28	24.92	24.99	24.85	25.50
40	PI/2 BPSK	50	56	24.53	24.68	24.49	25.00
40	PI/2 BPSK	100	0	24.59	24.70	24.49	25.00
40	QPSK	1	1	24.99	25.04	24.96	25.50
40	QPSK	1	53	24.90	24.95	24.76	25.50
40	QPSK	1	104	24.93	25.02	24.87	25.50
40	QPSK	50	0	24.02	24.12	23.94	24.50
40	QPSK	50	28	25.01	25.07	24.87	25.50
40	QPSK	50	56	24.02	24.08	23.97	24.50
40	QPSK	100	0	24.02	24.13	23.94	24.50
40	16QAM	1	1	23.78	23.94	23.84	24.50
40	64QAM	1	1	22.17	22.33	22.22	23.00
40	256QAM	1	1	20.37	20.42	20.22	21.00
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	25.04	24.97	24.94	25.50
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	24.96	24.95	24.93	25.50
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	24.92	24.97	24.89	25.50
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	25.04	25.03	24.93	25.50
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	25.02	24.93	24.93	25.50

【FR1 n38_Ant6_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				518000	519000	520000	Tune-up limit (dBm)
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	25.06	25.08	25.01	25.50
40	PI/2 BPSK	1	53	24.90	25.03	24.83	25.50
40	PI/2 BPSK	1	104	24.97	25.00	24.80	25.50
40	PI/2 BPSK	50	0	24.57	24.67	24.51	25.00
40	PI/2 BPSK	50	28	24.92	24.99	24.85	25.50
40	PI/2 BPSK	50	56	24.53	24.68	24.49	25.00
40	PI/2 BPSK	100	0	24.59	24.70	24.49	25.00
40	QPSK	1	1	24.99	25.04	24.96	25.50
40	QPSK	1	53	24.90	24.95	24.76	25.50
40	QPSK	1	104	24.93	25.02	24.87	25.50
40	QPSK	50	0	24.02	24.12	23.94	24.50
40	QPSK	50	28	25.01	25.07	24.87	25.50
40	QPSK	50	56	24.02	24.08	23.97	24.50
40	QPSK	100	0	24.02	24.13	23.94	24.50
40	16QAM	1	1	23.78	23.94	23.84	24.50
40	64QAM	1	1	22.17	22.33	22.22	23.00
40	256QAM	1	1	20.37	20.42	20.22	21.00
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	25.04	24.97	24.94	25.50

Channel				516500	519000	521500	Tune-up limit
Frequency (MHz)				2582.5	2595	2607.5	(dBm)
25	PI/2 BPSK	1	1	24.96	24.95	24.93	25.50
Channel				516000	519000	522000	Tune-up limit
Frequency (MHz)				2580	2595	2610	(dBm)
20	PI/2 BPSK	1	1	24.92	24.97	24.89	25.50
Channel				515500	519000	522500	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	PI/2 BPSK	1	1	25.04	25.03	24.93	25.50
Channel				515000	519000	523000	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	PI/2 BPSK	1	1	25.02	24.93	24.93	25.50

【FR1 n38_Ant6_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				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	18.29	18.35	18.31	19.00
40	PI/2 BPSK	1	53	18.15	18.25	18.09	19.00
40	PI/2 BPSK	1	104	18.20	18.29	18.15	19.00
40	PI/2 BPSK	50	0	18.21	18.28	18.13	19.00
40	PI/2 BPSK	50	28	18.25	18.31	18.24	19.00
40	PI/2 BPSK	50	56	18.07	18.19	18.04	19.00
40	PI/2 BPSK	100	0	18.17	18.28	18.20	19.00
40	QPSK	1	1	18.14	18.26	18.19	19.00
40	QPSK	1	53	18.02	18.21	18.10	19.00
40	QPSK	1	104	18.01	18.17	18.10	19.00
40	QPSK	50	0	18.14	18.23	18.07	19.00
40	QPSK	50	28	18.10	18.26	18.20	19.00
40	QPSK	50	56	17.99	18.20	18.04	19.00
40	QPSK	100	0	18.01	18.20	18.14	19.00
40	16QAM	1	1	18.11	18.20	18.08	19.00
40	64QAM	1	1	18.08	18.19	18.03	19.00
40	256QAM	1	1	18.20	18.28	18.23	19.00
Channel				517000	519000	521000	Tune-up limit
Frequency (MHz)				2585	2595	2605	(dBm)
30	PI/2 BPSK	1	1	18.27	18.26	18.17	19.00
Channel				516500	519000	521500	Tune-up limit
Frequency (MHz)				2582.5	2595	2607.5	(dBm)
25	PI/2 BPSK	1	1	18.20	18.26	18.29	19.00
Channel				516000	519000	522000	Tune-up limit
Frequency (MHz)				2580	2595	2610	(dBm)
20	PI/2 BPSK	1	1	18.23	18.30	18.18	19.00
Channel				515500	519000	522500	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	PI/2 BPSK	1	1	18.27	18.31	18.17	19.00
Channel				515000	519000	523000	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	PI/2 BPSK	1	1	18.17	18.32	18.21	19.00

【FR1 n38_Ant6_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				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	18.29	18.35	18.31	19.00
40	PI/2 BPSK	1	53	18.15	18.25	18.09	19.00
40	PI/2 BPSK	1	104	18.20	18.29	18.15	19.00
40	PI/2 BPSK	50	0	18.21	18.28	18.13	19.00
40	PI/2 BPSK	50	28	18.25	18.31	18.24	19.00
40	PI/2 BPSK	50	56	18.07	18.19	18.04	19.00
40	PI/2 BPSK	100	0	18.17	18.28	18.20	19.00
40	QPSK	1	1	18.14	18.26	18.19	19.00
40	QPSK	1	53	18.02	18.21	18.10	19.00
40	QPSK	1	104	18.01	18.17	18.10	19.00
40	QPSK	50	0	18.14	18.23	18.07	19.00
40	QPSK	50	28	18.10	18.26	18.20	19.00
40	QPSK	50	56	17.99	18.20	18.04	19.00

40	QPSK	100	0	18.01	18.20	18.14	19.00
40	16QAM	1	1	18.11	18.20	18.08	19.00
40	64QAM	1	1	18.08	18.19	18.03	19.00
40	256QAM	1	1	18.20	18.28	18.23	19.00
Channel				517000	519000	521000	Tune-up limit
Frequency (MHz)				2585	2595	2605	(dBm)
30	PI/2 BPSK	1	1	18.27	18.26	18.17	19.00
Channel				516500	519000	521500	Tune-up limit
Frequency (MHz)				2582.5	2595	2607.5	(dBm)
25	PI/2 BPSK	1	1	18.20	18.26	18.29	19.00
Channel				516000	519000	522000	Tune-up limit
Frequency (MHz)				2580	2595	2610	(dBm)
20	PI/2 BPSK	1	1	18.23	18.30	18.18	19.00
Channel				515500	519000	522500	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	PI/2 BPSK	1	1	18.27	18.31	18.17	19.00
Channel				515000	519000	523000	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	PI/2 BPSK	1	1	18.17	18.32	18.21	19.00

【FR1 n38_Ant6_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				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	18.29	18.35	18.31	19.00
40	PI/2 BPSK	1	53	18.15	18.25	18.09	19.00
40	PI/2 BPSK	1	104	18.20	18.29	18.15	19.00
40	PI/2 BPSK	50	0	18.21	18.28	18.13	19.00
40	PI/2 BPSK	50	28	18.25	18.31	18.24	19.00
40	PI/2 BPSK	50	56	18.07	18.19	18.04	19.00
40	PI/2 BPSK	100	0	18.17	18.28	18.20	19.00
40	QPSK	1	1	18.14	18.26	18.19	19.00
40	QPSK	1	53	18.02	18.21	18.10	19.00
40	QPSK	1	104	18.01	18.17	18.10	19.00
40	QPSK	50	0	18.14	18.23	18.07	19.00
40	QPSK	50	28	18.10	18.26	18.20	19.00
40	QPSK	50	56	17.99	18.20	18.04	19.00
40	QPSK	100	0	18.01	18.20	18.14	19.00
40	16QAM	1	1	18.11	18.20	18.08	19.00
40	64QAM	1	1	18.08	18.19	18.03	19.00
40	256QAM	1	1	18.20	18.28	18.23	19.00
Channel				517000	519000	521000	Tune-up limit
Frequency (MHz)				2585	2595	2605	(dBm)
30	PI/2 BPSK	1	1	18.27	18.26	18.17	19.00
Channel				516500	519000	521500	Tune-up limit
Frequency (MHz)				2582.5	2595	2607.5	(dBm)
25	PI/2 BPSK	1	1	18.20	18.26	18.29	19.00
Channel				516000	519000	522000	Tune-up limit
Frequency (MHz)				2580	2595	2610	(dBm)
20	PI/2 BPSK	1	1	18.23	18.30	18.18	19.00
Channel				515500	519000	522500	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	PI/2 BPSK	1	1	18.27	18.31	18.17	19.00
Channel				515000	519000	523000	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	PI/2 BPSK	1	1	18.17	18.32	18.21	19.00

【FR1 n38_Ant7_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				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	23.81	23.83	23.77	24.50
40	PI/2 BPSK	1	53	23.57	23.63	23.51	24.50
40	PI/2 BPSK	1	104	23.75	23.83	23.66	24.50
40	PI/2 BPSK	50	0	23.13	23.29	23.10	24.00
40	PI/2 BPSK	50	28	23.74	23.77	23.60	24.50
40	PI/2 BPSK	50	56	23.38	23.44	23.37	24.00

40	PI/2 BPSK	100	0	23.23	23.33	23.16	24.00
40	QPSK	1	1	23.68	23.85	23.65	24.50
40	QPSK	1	53	23.70	23.75	23.62	24.50
40	QPSK	1	104	23.54	23.60	23.49	24.50
40	QPSK	50	0	22.73	22.76	22.68	23.50
40	QPSK	50	28	23.52	23.66	23.55	24.50
40	QPSK	50	56	22.79	22.85	22.70	23.50
40	QPSK	100	0	22.69	22.78	22.58	23.50
40	16QAM	1	1	22.66	22.71	22.56	23.50
40	64QAM	1	1	21.12	21.20	21.09	22.00
40	256QAM	1	1	19.10	19.18	19.02	20.00
Channel				517000	519000	521000	Tune-up limit
Frequency (MHz)				2585	2595	2605	(dBm)
30	PI/2 BPSK	1	1	23.79	23.79	23.62	24.50
Channel				516500	519000	521500	Tune-up limit
Frequency (MHz)				2582.5	2595	2607.5	(dBm)
25	PI/2 BPSK	1	1	23.76	23.79	23.65	24.50
Channel				516000	519000	522000	Tune-up limit
Frequency (MHz)				2580	2595	2610	(dBm)
20	PI/2 BPSK	1	1	23.78	23.69	23.65	24.50
Channel				515500	519000	522500	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	PI/2 BPSK	1	1	23.75	23.82	23.67	24.50
Channel				515000	519000	523000	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	PI/2 BPSK	1	1	23.68	23.74	23.70	24.50

【FR1 n38_Ant7_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				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	16.53	16.61	16.58	17.50
40	PI/2 BPSK	1	53	16.27	16.46	16.37	17.50
40	PI/2 BPSK	1	104	16.37	16.47	16.40	17.50
40	PI/2 BPSK	50	0	16.32	16.46	16.31	17.50
40	PI/2 BPSK	50	28	16.48	16.58	16.52	17.50
40	PI/2 BPSK	50	56	16.28	16.48	16.39	17.50
40	PI/2 BPSK	100	0	16.31	16.52	16.36	17.50
40	QPSK	1	1	16.34	16.49	16.36	17.50
40	QPSK	1	53	16.39	16.53	16.38	17.50
40	QPSK	1	104	16.46	16.57	16.40	17.50
40	QPSK	50	0	16.37	16.47	16.34	17.50
40	QPSK	50	28	16.24	16.47	16.41	17.50
40	QPSK	50	56	16.27	16.48	16.32	17.50
40	QPSK	100	0	16.36	16.57	16.42	17.50
40	16QAM	1	1	16.36	16.53	16.39	17.50
40	64QAM	1	1	16.42	16.53	16.40	17.50
40	256QAM	1	1	16.37	16.57	16.48	17.50
Channel				517000	519000	521000	Tune-up limit
Frequency (MHz)				2585	2595	2605	(dBm)
30	PI/2 BPSK	1	1	16.47	16.59	16.54	17.50
Channel				516500	519000	521500	Tune-up limit
Frequency (MHz)				2582.5	2595	2607.5	(dBm)
25	PI/2 BPSK	1	1	16.44	16.58	16.50	17.50
Channel				516000	519000	522000	Tune-up limit
Frequency (MHz)				2580	2595	2610	(dBm)
20	PI/2 BPSK	1	1	16.43	16.51	16.55	17.50
Channel				515500	519000	522500	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	PI/2 BPSK	1	1	16.47	16.52	16.46	17.50
Channel				515000	519000	523000	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	PI/2 BPSK	1	1	16.39	16.48	16.49	17.50

【FR1 n38_Ant7_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				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	17.52	17.59	17.58	18.50
40	PI/2 BPSK	1	53	17.41	17.49	17.47	18.50
40	PI/2 BPSK	1	104	17.45	17.56	17.45	18.50
40	PI/2 BPSK	50	0	17.38	17.56	17.53	18.50
40	PI/2 BPSK	50	28	17.49	17.58	17.55	18.50
40	PI/2 BPSK	50	56	17.41	17.57	17.53	18.50
40	PI/2 BPSK	100	0	17.37	17.56	17.40	18.50
40	QPSK	1	1	17.35	17.51	17.37	18.50
40	QPSK	1	53	17.34	17.55	17.47	18.50
40	QPSK	1	104	17.34	17.56	17.50	18.50
40	QPSK	50	0	17.30	17.48	17.37	18.50
40	QPSK	50	28	17.41	17.53	17.40	18.50
40	QPSK	50	56	17.41	17.55	17.51	18.50
40	QPSK	100	0	17.43	17.54	17.48	18.50
40	16QAM	1	1	17.29	17.47	17.40	18.50
40	64QAM	1	1	17.27	17.47	17.41	18.50
40	256QAM	1	1	17.36	17.47	17.40	18.50
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	17.44	17.55	17.46	18.50
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	17.43	17.47	17.51	18.50
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	17.45	17.45	17.54	18.50
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	17.44	17.54	17.46	18.50
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	17.45	17.47	17.56	18.50

【FR1 n38_Ant7_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				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	17.52	17.59	17.58	18.50
40	PI/2 BPSK	1	53	17.41	17.49	17.47	18.50
40	PI/2 BPSK	1	104	17.45	17.56	17.45	18.50
40	PI/2 BPSK	50	0	17.38	17.56	17.53	18.50
40	PI/2 BPSK	50	28	17.49	17.58	17.55	18.50
40	PI/2 BPSK	50	56	17.41	17.57	17.53	18.50
40	PI/2 BPSK	100	0	17.37	17.56	17.40	18.50
40	QPSK	1	1	17.35	17.51	17.37	18.50
40	QPSK	1	53	17.34	17.55	17.47	18.50
40	QPSK	1	104	17.34	17.56	17.50	18.50
40	QPSK	50	0	17.30	17.48	17.37	18.50
40	QPSK	50	28	17.41	17.53	17.40	18.50
40	QPSK	50	56	17.41	17.55	17.51	18.50
40	QPSK	100	0	17.43	17.54	17.48	18.50
40	16QAM	1	1	17.29	17.47	17.40	18.50
40	64QAM	1	1	17.27	17.47	17.41	18.50
40	256QAM	1	1	17.36	17.47	17.40	18.50
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	17.44	17.55	17.46	18.50
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	17.43	17.47	17.51	18.50
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	17.45	17.45	17.54	18.50
Channel				515500	519000	522500	Tune-up limit

Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	PI/2 BPSK	1	1	17.44	17.54	17.46	18.50
Channel				515000	519000	523000	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	PI/2 BPSK	1	1	17.45	17.47	17.56	18.50

【FR1 n38_Ant7_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				518000	519000	520000	Tune-up limit (dBm)
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	16.53	16.61	16.58	17.50
40	PI/2 BPSK	1	53	16.27	16.46	16.37	17.50
40	PI/2 BPSK	1	104	16.37	16.47	16.40	17.50
40	PI/2 BPSK	50	0	16.32	16.46	16.31	17.50
40	PI/2 BPSK	50	28	16.48	16.58	16.52	17.50
40	PI/2 BPSK	50	56	16.28	16.48	16.39	17.50
40	PI/2 BPSK	100	0	16.31	16.52	16.36	17.50
40	QPSK	1	1	16.34	16.49	16.36	17.50
40	QPSK	1	53	16.39	16.53	16.38	17.50
40	QPSK	1	104	16.46	16.57	16.40	17.50
40	QPSK	50	0	16.37	16.47	16.34	17.50
40	QPSK	50	28	16.24	16.47	16.41	17.50
40	QPSK	50	56	16.27	16.48	16.32	17.50
40	QPSK	100	0	16.36	16.57	16.42	17.50
40	16QAM	1	1	16.36	16.53	16.39	17.50
40	64QAM	1	1	16.42	16.53	16.40	17.50
40	256QAM	1	1	16.37	16.57	16.48	17.50
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	16.47	16.59	16.54	17.50
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	16.44	16.58	16.50	17.50
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	16.43	16.51	16.55	17.50
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	16.47	16.52	16.46	17.50
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	16.39	16.48	16.49	17.50

【FR1 n41_FCC_Ant4_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	25.45	25.58	25.48	25.70
100	PI/2 BPSK	1	137	25.26	25.51	25.27	25.70
100	PI/2 BPSK	1	271	25.29	25.48	25.30	25.70
100	PI/2 BPSK	135	0	25.26	25.52	25.39	25.70
100	PI/2 BPSK	135	69	25.37	25.54	25.42	25.70
100	PI/2 BPSK	135	138	25.38	25.52	25.37	25.70
100	PI/2 BPSK	270	0	25.37	25.52	25.35	25.70
100	QPSK	1	1	25.37	25.52	25.36	25.70
100	QPSK	1	137	25.20	25.47	25.31	25.70
100	QPSK	1	271	25.24	25.44	25.26	25.70
100	QPSK	135	0	25.26	25.48	25.24	25.70
100	QPSK	135	69	25.31	25.47	25.26	25.70
100	QPSK	135	138	25.27	25.53	25.41	25.70
100	QPSK	270	0	25.26	25.52	25.33	25.70
100	16QAM	1	1	25.14	25.41	25.23	25.70
100	64QAM	1	1	24.60	24.85	24.61	25.20
100	256QAM	1	1	22.68	22.85	22.65	23.20
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	25.40	25.46	25.37	25.70

Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	25.35	25.44	25.39	25.70
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	25.39	25.46	25.41	25.70
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	25.38	25.48	25.41	25.70
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	25.35	25.47	25.34	25.70
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	25.39	25.55	25.41	25.70
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	25.33	25.53	25.46	25.70
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	25.32	25.44	25.47	25.70
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	25.42	25.45	25.43	25.70
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	25.40	25.45	25.40	25.70
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	25.43	25.45	25.40	25.70
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	25.44	25.48	25.38	25.70
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	25.32	25.45	25.35	25.70

【FR1 n41_FCC_Ant4_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	16.18	16.23	16.15	16.70
100	PI/2 BPSK	1	137	16.01	16.11	15.96	16.70
100	PI/2 BPSK	1	271	16.00	16.12	15.94	16.70
100	PI/2 BPSK	135	0	16.00	16.10	15.90	16.70
100	PI/2 BPSK	135	69	16.18	16.21	16.12	16.70
100	PI/2 BPSK	135	138	16.09	16.20	16.05	16.70
100	PI/2 BPSK	270	0	16.07	16.17	16.08	16.70
100	QPSK	1	1	16.08	16.15	15.95	16.70
100	QPSK	1	137	15.92	16.10	15.99	16.70
100	QPSK	1	271	16.06	16.17	16.07	16.70
100	QPSK	135	0	16.07	16.18	15.96	16.70
100	QPSK	135	69	15.98	16.10	16.00	16.70
100	QPSK	135	138	15.97	16.10	15.99	16.70
100	QPSK	270	0	16.04	16.15	15.99	16.70
100	16QAM	1	1	16.04	16.14	15.91	16.70
100	64QAM	1	1	16.11	16.18	15.96	16.70
100	256QAM	1	1	16.00	16.11	15.91	16.70
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	16.12	16.12	16.11	16.70
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	16.10	16.20	16.01	16.70
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	16.15	16.14	16.09	16.70
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	16.06	16.11	16.04	16.70
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	16.11	16.20	16.13	16.70

Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	16.09	16.09	16.13	16.70
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	16.12	16.13	16.03	16.70
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	16.12	16.19	16.11	16.70
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	16.03	16.14	16.00	16.70
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	16.05	16.09	16.10	16.70
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	16.13	16.17	16.01	16.70
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	16.12	16.18	16.07	16.70
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	16.04	16.09	16.03	16.70

【FR1 n41_FCC_Ant4_DS15】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	16.18	16.23	16.15	16.70
100	PI/2 BPSK	1	137	16.01	16.11	15.96	16.70
100	PI/2 BPSK	1	271	16.00	16.12	15.94	16.70
100	PI/2 BPSK	135	0	16.00	16.10	15.90	16.70
100	PI/2 BPSK	135	69	16.18	16.21	16.12	16.70
100	PI/2 BPSK	135	138	16.09	16.20	16.05	16.70
100	PI/2 BPSK	270	0	16.07	16.17	16.08	16.70
100	QPSK	1	1	16.08	16.15	15.95	16.70
100	QPSK	1	137	15.92	16.10	15.99	16.70
100	QPSK	1	271	16.06	16.17	16.07	16.70
100	QPSK	135	0	16.07	16.18	15.96	16.70
100	QPSK	135	69	15.98	16.10	16.00	16.70
100	QPSK	135	138	15.97	16.10	15.99	16.70
100	QPSK	270	0	16.04	16.15	15.99	16.70
100	16QAM	1	1	16.04	16.14	15.91	16.70
100	64QAM	1	1	16.11	16.18	15.96	16.70
100	256QAM	1	1	16.00	16.11	15.91	16.70
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	16.12	16.12	16.11	16.70
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	16.10	16.20	16.01	16.70
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	16.15	16.14	16.09	16.70
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	16.06	16.11	16.04	16.70
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	16.11	16.20	16.13	16.70
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	16.09	16.09	16.13	16.70
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	16.12	16.13	16.03	16.70
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	16.12	16.19	16.11	16.70
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	16.03	16.14	16.00	16.70

Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	16.05	16.09	16.10	16.70
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	16.13	16.17	16.01	16.70
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	16.12	16.18	16.07	16.70
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	16.04	16.09	16.03	16.70

【FR1 n41_FCC_Ant4_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				509202	518598	528000	Tune-up limit
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	17.21	17.26	17.25	17.70
100	PI/2 BPSK	1	137	16.96	17.14	16.99	17.70
100	PI/2 BPSK	1	271	17.04	17.21	17.19	17.70
100	PI/2 BPSK	135	0	16.95	17.14	17.01	17.70
100	PI/2 BPSK	135	69	17.14	17.23	17.13	17.70
100	PI/2 BPSK	135	138	17.11	17.19	17.05	17.70
100	PI/2 BPSK	270	0	17.10	17.18	17.12	17.70
100	QPSK	1	1	16.94	17.11	17.02	17.70
100	QPSK	1	137	17.02	17.19	17.15	17.70
100	QPSK	1	271	16.98	17.14	17.02	17.70
100	QPSK	135	0	17.02	17.20	17.05	17.70
100	QPSK	135	69	17.04	17.15	17.00	17.70
100	QPSK	135	138	16.97	17.15	17.01	17.70
100	QPSK	270	0	17.01	17.19	17.07	17.70
100	16QAM	1	1	16.92	17.11	17.07	17.70
100	64QAM	1	1	17.03	17.11	16.97	17.70
100	256QAM	1	1	17.14	17.21	17.10	17.70
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	17.17	17.14	17.22	17.70
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	17.13	17.14	17.23	17.70
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	17.16	17.14	17.17	17.70
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	17.12	17.16	17.23	17.70
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	17.12	17.15	17.12	17.70
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	17.13	17.13	17.16	17.70
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	17.08	17.25	17.16	17.70
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	17.18	17.14	17.23	17.70
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	17.07	17.13	17.22	17.70
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	17.20	17.19	17.22	17.70
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	17.15	17.24	17.17	17.70
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	17.16	17.24	17.10	17.70
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	17.19	17.14	17.15	17.70

【FR1 n41__FCC_Ant4_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	25.45	25.58	25.48	25.70
100	PI/2 BPSK	1	137	25.26	25.51	25.27	25.70
100	PI/2 BPSK	1	271	25.29	25.48	25.30	25.70
100	PI/2 BPSK	135	0	25.26	25.52	25.39	25.70
100	PI/2 BPSK	135	69	25.37	25.54	25.42	25.70
100	PI/2 BPSK	135	138	25.38	25.52	25.37	25.70
100	PI/2 BPSK	270	0	25.37	25.52	25.35	25.70
100	QPSK	1	1	25.37	25.52	25.36	25.70
100	QPSK	1	137	25.20	25.47	25.31	25.70
100	QPSK	1	271	25.24	25.44	25.26	25.70
100	QPSK	135	0	25.26	25.48	25.24	25.70
100	QPSK	135	69	25.31	25.47	25.26	25.70
100	QPSK	135	138	25.27	25.53	25.41	25.70
100	QPSK	270	0	25.26	25.52	25.33	25.70
100	16QAM	1	1	25.14	25.41	25.23	25.70
100	64QAM	1	1	24.60	24.85	24.61	25.20
100	256QAM	1	1	22.68	22.85	22.65	23.20
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	25.40	25.46	25.37	25.70
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	25.35	25.44	25.39	25.70
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	25.39	25.46	25.41	25.70
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	25.38	25.48	25.41	25.70
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	25.35	25.47	25.34	25.70
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	25.39	25.55	25.41	25.70
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	25.33	25.53	25.46	25.70
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	25.32	25.44	25.47	25.70
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	25.42	25.45	25.43	25.70
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	25.40	25.45	25.40	25.70
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	25.43	25.45	25.40	25.70
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	25.44	25.48	25.38	25.70
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	25.32	25.45	25.35	25.70

【FR1 n41_FCC_HPUE_Ant4_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	27.35	27.44	27.41	28.00
100	PI/2 BPSK	1	137	27.14	27.32	27.25	28.00
100	PI/2 BPSK	1	271	27.25	27.37	27.21	28.00
100	PI/2 BPSK	135	0	26.58	26.80	26.62	27.50
100	PI/2 BPSK	135	69	27.12	27.33	27.28	28.00
100	PI/2 BPSK	135	138	26.69	26.92	26.83	27.50
100	PI/2 BPSK	270	0	26.67	26.89	26.73	27.50
100	QPSK	1	1	27.12	27.36	27.29	28.00
100	QPSK	1	137	27.07	27.25	27.20	28.00
100	QPSK	1	271	27.25	27.43	27.34	28.00
100	QPSK	135	0	26.31	26.42	26.35	27.00
100	QPSK	135	69	27.08	27.27	27.11	28.00
100	QPSK	135	138	26.34	26.50	26.33	27.00
100	QPSK	270	0	26.36	26.51	26.37	27.00
100	16QAM	1	1	26.16	26.32	26.23	27.00
100	64QAM	1	1	24.69	24.87	24.76	25.50
100	256QAM	1	1	22.65	22.77	22.67	23.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	27.32	27.32	27.31	28.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	27.22	27.33	27.33	28.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	27.22	27.33	27.27	28.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	27.33	27.30	27.35	28.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	27.24	27.34	27.39	28.00
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	27.32	27.40	27.37	28.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	27.21	27.37	27.27	28.00
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	27.24	27.42	27.36	28.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	27.26	27.37	27.31	28.00
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	27.25	27.33	27.27	28.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	27.25	27.37	27.28	28.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	27.31	27.30	27.35	28.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	27.22	27.41	27.31	28.00

【FR1 n41_FCC_HPUE_Ant4_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	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	19.15	19.23	19.18	20.00
100	PI/2 BPSK	1	137	18.93	19.09	19.02	20.00
100	PI/2 BPSK	1	271	19.09	19.19	19.13	20.00

100	PI/2 BPSK	135	0	19.02	19.19	19.07	20.00
100	PI/2 BPSK	135	69	19.05	19.12	19.11	20.00
100	PI/2 BPSK	135	138	18.96	19.09	18.97	20.00
100	PI/2 BPSK	270	0	18.86	19.08	18.92	20.00
100	QPSK	1	1	19.03	19.20	19.12	20.00
100	QPSK	1	137	18.99	19.11	18.93	20.00
100	QPSK	1	271	18.95	19.13	19.06	20.00
100	QPSK	135	0	19.04	19.15	18.95	20.00
100	QPSK	135	69	19.00	19.18	19.04	20.00
100	QPSK	135	138	19.08	19.20	19.10	20.00
100	QPSK	270	0	19.05	19.14	18.95	20.00
100	16QAM	1	1	19.06	19.19	19.04	20.00
100	64QAM	1	1	18.98	19.16	19.06	20.00
100	256QAM	1	1	19.02	19.18	19.06	20.00
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	19.12	19.16	19.17	20.00
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	19.11	19.08	19.15	20.00
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	19.10	19.16	19.05	20.00
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	19.01	19.09	19.12	20.00
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	19.05	19.19	19.13	20.00
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	19.06	19.21	19.04	20.00
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	19.01	19.19	19.05	20.00
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	19.02	19.17	19.15	20.00
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	19.07	19.14	19.12	20.00
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	19.08	19.22	19.09	20.00
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	19.04	19.11	19.09	20.00
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	19.03	19.10	19.14	20.00
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	19.11	19.17	19.10	20.00

【FR1 n41_FCC_HPUE_Ant4_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	19.15	19.23	19.18	20.00
100	PI/2 BPSK	1	137	18.93	19.09	19.02	20.00
100	PI/2 BPSK	1	271	19.09	19.19	19.13	20.00
100	PI/2 BPSK	135	0	19.02	19.19	19.07	20.00
100	PI/2 BPSK	135	69	19.05	19.12	19.11	20.00
100	PI/2 BPSK	135	138	18.96	19.09	18.97	20.00
100	PI/2 BPSK	270	0	18.86	19.08	18.92	20.00
100	QPSK	1	1	19.03	19.20	19.12	20.00
100	QPSK	1	137	18.99	19.11	18.93	20.00
100	QPSK	1	271	18.95	19.13	19.06	20.00
100	QPSK	135	0	19.04	19.15	18.95	20.00
100	QPSK	135	69	19.00	19.18	19.04	20.00
100	QPSK	135	138	19.08	19.20	19.10	20.00
100	QPSK	270	0	19.05	19.14	18.95	20.00
100	16QAM	1	1	19.06	19.19	19.04	20.00

100	64QAM	1	1	18.98	19.16	19.06	20.00
100	256QAM	1	1	19.02	19.18	19.06	20.00
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	19.12	19.16	19.17	20.00
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	19.11	19.08	19.15	20.00
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	19.10	19.16	19.05	20.00
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	19.01	19.09	19.12	20.00
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	19.05	19.19	19.13	20.00
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	19.06	19.21	19.04	20.00
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	19.01	19.19	19.05	20.00
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	19.02	19.17	19.15	20.00
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	19.07	19.14	19.12	20.00
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	19.08	19.22	19.09	20.00
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	19.04	19.11	19.09	20.00
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	19.03	19.10	19.14	20.00
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	19.11	19.17	19.10	20.00

【FR1 n41_FCC_HPUE_Ant4_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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	20.21	20.26	20.22	21.00
100	PI/2 BPSK	1	137	20.02	20.10	20.03	21.00
100	PI/2 BPSK	1	271	20.01	20.15	20.08	21.00
100	PI/2 BPSK	135	0	20.11	20.19	20.14	21.00
100	PI/2 BPSK	135	69	20.15	20.23	20.19	21.00
100	PI/2 BPSK	135	138	20.06	20.16	19.98	21.00
100	PI/2 BPSK	270	0	20.03	20.15	19.98	21.00
100	QPSK	1	1	20.09	20.16	20.08	21.00
100	QPSK	1	137	19.93	20.10	19.92	21.00
100	QPSK	1	271	19.97	20.09	19.95	21.00
100	QPSK	135	0	20.04	20.14	20.04	21.00
100	QPSK	135	69	20.07	20.18	20.12	21.00
100	QPSK	135	138	19.99	20.12	19.96	21.00
100	QPSK	270	0	20.01	20.13	19.95	21.00
100	16QAM	1	1	19.97	20.16	20.06	21.00
100	64QAM	1	1	20.05	20.12	19.95	21.00
100	256QAM	1	1	20.04	20.11	19.98	21.00
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	20.19	20.24	20.16	21.00
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	20.07	20.14	20.14	21.00
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	20.14	20.12	20.17	21.00
Channel				505200	518598	531996	Tune-up limit

	Frequency (MHz)			2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	20.14	20.13	20.14	21.00
	Channel			504204	518598	532998	Tune-up limit
	Frequency (MHz)			2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	20.07	20.18	20.20	21.00
	Channel			503700	518598	533496	Tune-up limit
	Frequency (MHz)			2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	20.17	20.17	20.07	21.00
	Channel			503202	518598	534000	Tune-up limit
	Frequency (MHz)			2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	20.18	20.23	20.11	21.00
	Channel			502704	518598	534498	Tune-up limit
	Frequency (MHz)			2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	20.13	20.12	20.12	21.00
	Channel			502200	518598	534996	Tune-up limit
	Frequency (MHz)			2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	20.12	20.11	20.16	21.00
	Channel			501702	518598	535500	Tune-up limit
	Frequency (MHz)			2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	20.16	20.20	20.18	21.00
	Channel			501204	518598	535998	Tune-up limit
	Frequency (MHz)			2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	20.06	20.21	20.09	21.00
	Channel			500700	518598	536496	Tune-up limit
	Frequency (MHz)			2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	20.13	20.12	20.12	21.00
	Channel			500202	518598	537000	Tune-up limit
	Frequency (MHz)			2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	20.14	20.21	20.10	21.00

【FR1 n41_FCC_HPUE_Ant4_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	27.35	27.44	27.41	28.00
100	PI/2 BPSK	1	137	27.14	27.32	27.25	28.00
100	PI/2 BPSK	1	271	27.25	27.37	27.21	28.00
100	PI/2 BPSK	135	0	26.58	26.80	26.62	27.50
100	PI/2 BPSK	135	69	27.12	27.33	27.28	28.00
100	PI/2 BPSK	135	138	26.69	26.92	26.83	27.50
100	PI/2 BPSK	270	0	26.67	26.89	26.73	27.50
100	QPSK	1	1	27.12	27.36	27.29	28.00
100	QPSK	1	137	27.07	27.25	27.20	28.00
100	QPSK	1	271	27.25	27.43	27.34	28.00
100	QPSK	135	0	26.31	26.42	26.35	27.00
100	QPSK	135	69	27.08	27.27	27.11	28.00
100	QPSK	135	138	26.34	26.50	26.33	27.00
100	QPSK	270	0	26.36	26.51	26.37	27.00
100	16QAM	1	1	26.16	26.32	26.23	27.00
100	64QAM	1	1	24.69	24.87	24.76	25.50
100	256QAM	1	1	22.65	22.77	22.67	23.50
	Channel			508200	518598	528996	Tune-up limit
	Frequency (MHz)			2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	27.32	27.32	27.31	28.00
	Channel			507204	518598	529998	Tune-up limit
	Frequency (MHz)			2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	27.22	27.33	27.33	28.00
	Channel			506202	518598	531000	Tune-up limit
	Frequency (MHz)			2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	27.22	27.33	27.27	28.00
	Channel			505200	518598	531996	Tune-up limit
	Frequency (MHz)			2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	27.33	27.30	27.35	28.00
	Channel			504204	518598	532998	Tune-up limit
	Frequency (MHz)			2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	27.24	27.34	27.39	28.00
	Channel			503700	518598	533496	Tune-up limit
	Frequency (MHz)			2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	27.32	27.40	27.37	28.00
	Channel			503202	518598	534000	Tune-up limit
	Frequency (MHz)			2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	27.21	27.37	27.27	28.00
	Channel			502704	518598	534498	Tune-up limit

	Frequency (MHz)			2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	27.24	27.42	27.36	28.00
	Channel			502200	518598	534996	Tune-up limit
	Frequency (MHz)			2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	27.26	27.37	27.31	28.00
	Channel			501702	518598	535500	Tune-up limit
	Frequency (MHz)			2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	27.25	27.33	27.27	28.00
	Channel			501204	518598	535998	Tune-up limit
	Frequency (MHz)			2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	27.25	27.37	27.28	28.00
	Channel			500700	518598	536496	Tune-up limit
	Frequency (MHz)			2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	27.31	27.30	27.35	28.00
	Channel			500202	518598	537000	Tune-up limit
	Frequency (MHz)			2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	27.22	27.41	27.31	28.00

【FR1 n41_FCC_Ant5_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	24.27	24.34	24.30	25.00
100	PI/2 BPSK	1	137	23.94	24.03	23.98	25.00
100	PI/2 BPSK	1	271	23.72	23.86	23.70	25.00
100	PI/2 BPSK	135	0	23.97	24.12	24.05	25.00
100	PI/2 BPSK	135	69	24.09	24.17	24.11	25.00
100	PI/2 BPSK	135	138	23.74	23.88	23.78	25.00
100	PI/2 BPSK	270	0	23.96	24.12	24.01	25.00
100	QPSK	1	1	24.08	24.22	24.14	25.00
100	QPSK	1	137	23.87	24.01	23.89	25.00
100	QPSK	1	271	23.64	23.82	23.71	25.00
100	QPSK	135	0	24.10	24.20	24.12	25.00
100	QPSK	135	69	23.80	24.02	23.87	25.00
100	QPSK	135	138	23.80	23.94	23.75	25.00
100	QPSK	270	0	24.00	24.13	24.04	25.00
100	16QAM	1	1	24.01	24.20	24.02	25.00
100	64QAM	1	1	23.90	23.98	23.80	24.50
100	256QAM	1	1	21.46	21.58	21.47	22.50
	Channel			508200	518598	528996	Tune-up limit
	Frequency (MHz)			2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	24.25	24.29	24.21	25.00
	Channel			507204	518598	529998	Tune-up limit
	Frequency (MHz)			2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	24.14	24.27	24.24	25.00
	Channel			506202	518598	531000	Tune-up limit
	Frequency (MHz)			2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	24.25	24.32	24.28	25.00
	Channel			505200	518598	531996	Tune-up limit
	Frequency (MHz)			2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	24.19	24.29	24.15	25.00
	Channel			504204	518598	532998	Tune-up limit
	Frequency (MHz)			2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	24.18	24.28	24.22	25.00
	Channel			503700	518598	533496	Tune-up limit
	Frequency (MHz)			2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	24.13	24.23	24.27	25.00
	Channel			503202	518598	534000	Tune-up limit
	Frequency (MHz)			2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	24.14	24.20	24.20	25.00
	Channel			502704	518598	534498	Tune-up limit
	Frequency (MHz)			2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	24.17	24.31	24.22	25.00
	Channel			502200	518598	534996	Tune-up limit
	Frequency (MHz)			2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	24.17	24.32	24.20	25.00
	Channel			501702	518598	535500	Tune-up limit
	Frequency (MHz)			2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	24.17	24.26	24.18	25.00
	Channel			501204	518598	535998	Tune-up limit
	Frequency (MHz)			2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	24.25	24.24	24.15	25.00
	Channel			500700	518598	536496	Tune-up limit

Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	24.21	24.32	24.27	25.00
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	24.25	24.32	24.26	25.00

【FR1 n41_FCC_Ant5_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	Tune-up limit
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	15.02	15.08	15.06	16.00
100	PI/2 BPSK	1	137	14.81	14.93	14.84	16.00
100	PI/2 BPSK	1	271	14.66	14.86	14.81	16.00
100	PI/2 BPSK	135	0	14.77	14.88	14.83	16.00
100	PI/2 BPSK	135	69	14.98	15.06	14.92	16.00
100	PI/2 BPSK	135	138	14.75	14.90	14.87	16.00
100	PI/2 BPSK	270	0	14.80	14.96	14.80	16.00
100	QPSK	1	1	14.68	14.86	14.70	16.00
100	QPSK	1	137	14.78	14.94	14.77	16.00
100	QPSK	1	271	14.78	14.95	14.90	16.00
100	QPSK	135	0	14.78	14.95	14.90	16.00
100	QPSK	135	69	14.65	14.85	14.69	16.00
100	QPSK	135	138	14.85	14.93	14.79	16.00
100	QPSK	270	0	14.87	14.95	14.81	16.00
100	16QAM	1	1	14.82	14.92	14.87	16.00
100	64QAM	1	1	14.66	14.85	14.72	16.00
100	256QAM	1	1	14.72	14.91	14.80	16.00
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	14.93	14.98	15.01	16.00
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	14.97	15.00	14.99	16.00
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	15.00	14.94	15.03	16.00
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	14.95	15.02	14.93	16.00
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	14.89	14.96	14.98	16.00
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	14.96	14.94	14.94	16.00
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	14.88	14.94	15.02	16.00
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	14.90	15.07	14.93	16.00
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	14.88	15.01	14.96	16.00
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	14.98	15.04	15.04	16.00
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	14.88	14.93	15.04	16.00
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	14.92	15.02	15.03	16.00
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	14.98	15.04	14.98	16.00

【FR1 n41_FCC_Ant5_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	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	15.02	15.08	15.06	16.00
100	PI/2 BPSK	1	137	14.81	14.93	14.84	16.00
100	PI/2 BPSK	1	271	14.66	14.86	14.81	16.00
100	PI/2 BPSK	135	0	14.77	14.88	14.83	16.00
100	PI/2 BPSK	135	69	14.98	15.06	14.92	16.00
100	PI/2 BPSK	135	138	14.75	14.90	14.87	16.00
100	PI/2 BPSK	270	0	14.80	14.96	14.80	16.00
100	QPSK	1	1	14.68	14.86	14.70	16.00
100	QPSK	1	137	14.78	14.94	14.77	16.00
100	QPSK	1	271	14.78	14.95	14.90	16.00
100	QPSK	135	0	14.78	14.95	14.90	16.00
100	QPSK	135	69	14.65	14.85	14.69	16.00
100	QPSK	135	138	14.85	14.93	14.79	16.00
100	QPSK	270	0	14.87	14.95	14.81	16.00
100	16QAM	1	1	14.82	14.92	14.87	16.00
100	64QAM	1	1	14.66	14.85	14.72	16.00
100	256QAM	1	1	14.72	14.91	14.80	16.00
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	14.93	14.98	15.01	16.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	14.97	15.00	14.99	16.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	15.00	14.94	15.03	16.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	14.95	15.02	14.93	16.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	14.89	14.96	14.98	16.00
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	14.96	14.94	14.94	16.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	14.88	14.94	15.02	16.00
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	14.90	15.07	14.93	16.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	14.88	15.01	14.96	16.00
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	14.98	15.04	15.04	16.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	14.88	14.93	15.04	16.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	14.92	15.02	15.03	16.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	14.98	15.04	14.98	16.00

【FR1 n41__FCC_Ant5_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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	17.01	17.06	17.05	18.00
100	PI/2 BPSK	1	137	16.73	16.86	16.80	18.00
100	PI/2 BPSK	1	271	16.84	16.92	16.83	18.00
100	PI/2 BPSK	135	0	16.84	16.93	16.88	18.00
100	PI/2 BPSK	135	69	16.92	17.03	16.96	18.00
100	PI/2 BPSK	135	138	16.85	16.94	16.83	18.00
100	PI/2 BPSK	270	0	16.80	16.96	16.94	18.00
100	QPSK	1	1	16.85	16.96	16.82	18.00
100	QPSK	1	137	16.85	16.92	16.81	18.00
100	QPSK	1	271	16.79	16.91	16.88	18.00
100	QPSK	135	0	16.75	16.95	16.83	18.00
100	QPSK	135	69	16.84	16.93	16.90	18.00
100	QPSK	135	138	16.78	16.92	16.82	18.00
100	QPSK	270	0	16.84	16.96	16.94	18.00
100	16QAM	1	1	16.78	16.92	16.79	18.00
100	64QAM	1	1	16.85	16.91	16.76	18.00
100	256QAM	1	1	16.77	16.93	16.89	18.00
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	16.97	17.02	16.93	18.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	16.87	17.00	16.98	18.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	16.95	16.94	17.02	18.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	16.89	17.03	16.99	18.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	16.90	16.96	16.96	18.00
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	16.93	16.92	17.01	18.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	16.88	16.98	16.96	18.00
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	16.97	17.04	16.93	18.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	17.00	17.02	17.00	18.00
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	16.94	17.04	16.96	18.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	16.93	16.95	16.92	18.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	16.98	17.03	16.92	18.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	16.92	17.02	16.93	18.00

【FR1 n41_FCC_Ant5_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	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	24.27	24.34	24.30	25.00
100	PI/2 BPSK	1	137	23.94	24.03	23.98	25.00
100	PI/2 BPSK	1	271	23.72	23.86	23.70	25.00
100	PI/2 BPSK	135	0	23.97	24.12	24.05	25.00
100	PI/2 BPSK	135	69	24.09	24.17	24.11	25.00
100	PI/2 BPSK	135	138	23.74	23.88	23.78	25.00
100	PI/2 BPSK	270	0	23.96	24.12	24.01	25.00
100	QPSK	1	1	24.08	24.22	24.14	25.00
100	QPSK	1	137	23.87	24.01	23.89	25.00
100	QPSK	1	271	23.64	23.82	23.71	25.00
100	QPSK	135	0	24.10	24.20	24.12	25.00
100	QPSK	135	69	23.80	24.02	23.87	25.00
100	QPSK	135	138	23.80	23.94	23.75	25.00
100	QPSK	270	0	24.00	24.13	24.04	25.00
100	16QAM	1	1	24.01	24.20	24.02	25.00
100	64QAM	1	1	23.90	23.98	23.80	24.50
100	256QAM	1	1	21.46	21.58	21.47	22.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	24.25	24.29	24.21	25.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	24.14	24.27	24.24	25.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	24.25	24.32	24.28	25.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	24.19	24.29	24.15	25.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	24.18	24.28	24.22	25.00
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	24.13	24.23	24.27	25.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	24.14	24.20	24.20	25.00
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	24.17	24.31	24.22	25.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	24.17	24.32	24.20	25.00
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	24.17	24.26	24.18	25.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	24.25	24.24	24.15	25.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	24.21	24.32	24.27	25.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	24.25	24.32	24.26	25.00

【FR1 n41__FCC_HPUE_Ant5_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	26.15	26.23	26.12	27.00
100	PI/2 BPSK	1	137	26.08	26.22	26.09	27.00
100	PI/2 BPSK	1	271	26.01	26.22	26.05	27.00
100	PI/2 BPSK	135	0	25.68	25.78	25.65	26.50
100	PI/2 BPSK	135	69	25.87	26.04	25.83	27.00
100	PI/2 BPSK	135	138	25.49	25.63	25.48	26.50
100	PI/2 BPSK	270	0	25.59	25.78	25.60	26.50
100	QPSK	1	1	26.06	26.15	25.92	27.00
100	QPSK	1	137	26.01	26.12	25.88	27.00
100	QPSK	1	271	25.90	26.11	25.91	27.00
100	QPSK	135	0	25.04	25.26	25.14	26.00
100	QPSK	135	69	25.99	26.11	25.97	27.00
100	QPSK	135	138	25.17	25.28	25.10	26.00
100	QPSK	270	0	25.03	25.16	24.94	26.00
100	16QAM	1	1	24.85	25.08	24.95	26.00
100	64QAM	1	1	23.58	23.72	23.55	24.50
100	256QAM	1	1	21.59	21.72	21.59	22.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	26.11	26.17	26.00	27.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	26.00	26.10	26.10	27.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	26.03	26.16	26.07	27.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	26.02	26.10	26.09	27.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	26.10	26.16	26.01	27.00
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	26.07	26.12	26.07	27.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	26.12	26.09	26.03	27.00
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	26.03	26.10	26.08	27.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	26.00	26.16	26.09	27.00
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	26.01	26.17	26.04	27.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	26.08	26.16	26.03	27.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	26.07	26.22	26.05	27.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	26.10	26.17	26.00	27.00

【FR1 n41__FCC_HPUE_Ant5_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	17.98	18.02	17.95	19.00
100	PI/2 BPSK	1	137	17.85	17.90	17.71	19.00
100	PI/2 BPSK	1	271	17.77	17.91	17.80	19.00
100	PI/2 BPSK	135	0	17.68	17.86	17.74	19.00

100	PI/2 BPSK	135	69	17.85	17.93	17.81	19.00
100	PI/2 BPSK	135	138	17.71	17.88	17.76	19.00
100	PI/2 BPSK	270	0	17.80	17.96	17.84	19.00
100	QPSK	1	1	17.73	17.90	17.71	19.00
100	QPSK	1	137	17.82	17.95	17.85	19.00
100	QPSK	1	271	17.70	17.87	17.73	19.00
100	QPSK	135	0	17.76	17.94	17.76	19.00
100	QPSK	135	69	17.74	17.92	17.72	19.00
100	QPSK	135	138	17.74	17.85	17.64	19.00
100	QPSK	270	0	17.70	17.86	17.75	19.00
100	16QAM	1	1	17.75	17.88	17.69	19.00
100	64QAM	1	1	17.78	17.86	17.66	19.00
100	256QAM	1	1	17.79	17.90	17.72	19.00
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	17.88	17.90	17.83	19.00
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	17.93	17.94	17.94	19.00
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	17.87	17.91	17.91	19.00
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	17.93	17.89	17.81	19.00
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	17.87	17.97	17.81	19.00
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	17.97	17.97	17.92	19.00
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	17.92	18.00	17.88	19.00
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	17.96	17.91	17.90	19.00
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	17.95	18.00	17.90	19.00
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	17.90	17.91	17.87	19.00
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	17.90	17.99	17.83	19.00
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	17.90	17.99	17.84	19.00
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	17.84	17.92	17.80	19.00

【FR1 n41__FCC_HPUE_Ant5_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	17.98	18.02	17.95	19.00
100	PI/2 BPSK	1	137	17.85	17.90	17.71	19.00
100	PI/2 BPSK	1	271	17.77	17.91	17.80	19.00
100	PI/2 BPSK	135	0	17.68	17.86	17.74	19.00
100	PI/2 BPSK	135	69	17.85	17.93	17.81	19.00
100	PI/2 BPSK	135	138	17.71	17.88	17.76	19.00
100	PI/2 BPSK	270	0	17.80	17.96	17.84	19.00
100	QPSK	1	1	17.73	17.90	17.71	19.00
100	QPSK	1	137	17.82	17.95	17.85	19.00
100	QPSK	1	271	17.70	17.87	17.73	19.00
100	QPSK	135	0	17.76	17.94	17.76	19.00
100	QPSK	135	69	17.74	17.92	17.72	19.00
100	QPSK	135	138	17.74	17.85	17.64	19.00
100	QPSK	270	0	17.70	17.86	17.75	19.00
100	16QAM	1	1	17.75	17.88	17.69	19.00
100	64QAM	1	1	17.78	17.86	17.66	19.00

100	256QAM	1	1	17.79	17.90	17.72	19.00
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	17.88	17.90	17.83	19.00
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	17.93	17.94	17.94	19.00
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	17.87	17.91	17.91	19.00
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	17.93	17.89	17.81	19.00
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	17.87	17.97	17.81	19.00
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	17.97	17.97	17.92	19.00
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	17.92	18.00	17.88	19.00
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	17.96	17.91	17.90	19.00
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	17.95	18.00	17.90	19.00
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	17.90	17.91	17.87	19.00
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	17.90	17.99	17.83	19.00
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	17.90	17.99	17.84	19.00
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	17.84	17.92	17.80	19.00

【FR1 n41__FCC_HPUE_Ant5_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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	19.92	19.98	19.95	21.00
100	PI/2 BPSK	1	137	19.80	19.93	19.76	21.00
100	PI/2 BPSK	1	271	19.81	19.89	19.79	21.00
100	PI/2 BPSK	135	0	19.75	19.92	19.78	21.00
100	PI/2 BPSK	135	69	19.77	19.95	19.82	21.00
100	PI/2 BPSK	135	138	19.71	19.87	19.80	21.00
100	PI/2 BPSK	270	0	19.83	19.97	19.86	21.00
100	QPSK	1	1	19.84	19.94	19.90	21.00
100	QPSK	1	137	19.82	19.96	19.85	21.00
100	QPSK	1	271	19.70	19.85	19.78	21.00
100	QPSK	135	0	19.84	19.94	19.82	21.00
100	QPSK	135	69	19.85	19.94	19.78	21.00
100	QPSK	135	138	19.83	19.93	19.83	21.00
100	QPSK	270	0	19.66	19.86	19.81	21.00
100	16QAM	1	1	19.80	19.93	19.85	21.00
100	64QAM	1	1	19.78	19.91	19.84	21.00
100	256QAM	1	1	19.79	19.91	19.83	21.00
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	19.91	19.85	19.84	21.00
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	19.83	19.96	19.84	21.00
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	19.88	19.92	19.80	21.00
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)

60	PI/2 BPSK	1	1	19.88	19.90	19.92	21.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	19.85	19.93	19.93	21.00
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	19.83	19.91	19.91	21.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	19.79	19.84	19.93	21.00
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	19.84	19.91	19.91	21.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	19.88	19.91	19.89	21.00
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	19.90	19.87	19.81	21.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	19.80	19.93	19.87	21.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	19.85	19.89	19.90	21.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	19.78	19.89	19.80	21.00

【FR1 n41__FCC_HPUE_Ant5_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	26.15	26.23	26.12	27.00
100	PI/2 BPSK	1	137	26.08	26.22	26.09	27.00
100	PI/2 BPSK	1	271	26.01	26.22	26.05	27.00
100	PI/2 BPSK	135	0	25.68	25.78	25.65	26.50
100	PI/2 BPSK	135	69	25.87	26.04	25.83	27.00
100	PI/2 BPSK	135	138	25.49	25.63	25.48	26.50
100	PI/2 BPSK	270	0	25.59	25.78	25.60	26.50
100	QPSK	1	1	26.06	26.15	25.92	27.00
100	QPSK	1	137	26.01	26.12	25.88	27.00
100	QPSK	1	271	25.90	26.11	25.91	27.00
100	QPSK	135	0	25.04	25.26	25.14	26.00
100	QPSK	135	69	25.99	26.11	25.97	27.00
100	QPSK	135	138	25.17	25.28	25.10	26.00
100	QPSK	270	0	25.03	25.16	24.94	26.00
100	16QAM	1	1	24.85	25.08	24.95	26.00
100	64QAM	1	1	23.58	23.72	23.55	24.50
100	256QAM	1	1	21.59	21.72	21.59	22.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	26.11	26.17	26.00	27.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	26.00	26.10	26.10	27.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	26.03	26.16	26.07	27.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	26.02	26.10	26.09	27.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	26.10	26.16	26.01	27.00
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	26.07	26.12	26.06	27.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	26.12	26.09	26.03	27.00
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	

35	PI/2 BPSK	1	1	26.03	26.10	26.08	27.00
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	26.00	26.16	26.09	27.00
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	26.01	26.17	26.04	27.00
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	26.08	26.16	26.03	27.00
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	26.07	26.22	26.05	27.00
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	26.10	26.17	26.00	27.00

【FR1 n41__FCC_Ant6_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	24.98	25.02	24.97	25.50
100	PI/2 BPSK	1	137	24.72	24.88	24.72	25.50
100	PI/2 BPSK	1	271	24.67	24.85	24.74	25.50
100	PI/2 BPSK	135	0	24.68	24.83	24.74	25.50
100	PI/2 BPSK	135	69	24.83	24.92	24.87	25.50
100	PI/2 BPSK	135	138	24.78	24.90	24.76	25.50
100	PI/2 BPSK	270	0	24.79	24.89	24.80	25.50
100	QPSK	1	1	24.74	24.89	24.70	25.50
100	QPSK	1	137	24.63	24.74	24.58	25.50
100	QPSK	1	271	24.60	24.77	24.60	25.50
100	QPSK	135	0	24.73	24.81	24.72	25.50
100	QPSK	135	69	24.60	24.78	24.68	25.50
100	QPSK	135	138	24.62	24.79	24.63	25.50
100	QPSK	270	0	24.77	24.91	24.83	25.50
100	16QAM	1	1	24.86	24.98	24.85	25.50
100	64QAM	1	1	24.34	24.45	24.36	25.00
100	256QAM	1	1	22.08	22.17	22.06	23.00
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	24.84	24.94	24.86	25.50
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	24.95	24.95	24.90	25.50
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	24.88	24.99	24.87	25.50
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	24.93	24.90	24.84	25.50
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	24.91	24.95	24.85	25.50
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	24.89	24.91	24.95	25.50
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	24.94	24.93	24.85	25.50
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	24.85	24.97	24.90	25.50
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	24.95	24.96	24.94	25.50
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	24.86	24.88	24.88	25.50
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	24.94	24.96	24.90	25.50
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)

15	PI/2 BPSK	1	1	24.90	24.99	24.90	25.50
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	24.87	25.00	24.85	25.50

【FR1 n41__FCC_Ant6_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	Tune-up limit
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	24.98	25.02	24.97	25.50
100	PI/2 BPSK	1	137	24.72	24.88	24.72	25.50
100	PI/2 BPSK	1	271	24.67	24.85	24.74	25.50
100	PI/2 BPSK	135	0	24.68	24.83	24.74	25.50
100	PI/2 BPSK	135	69	24.83	24.92	24.87	25.50
100	PI/2 BPSK	135	138	24.78	24.90	24.76	25.50
100	PI/2 BPSK	270	0	24.79	24.89	24.80	25.50
100	QPSK	1	1	24.74	24.89	24.70	25.50
100	QPSK	1	137	24.63	24.74	24.58	25.50
100	QPSK	1	271	24.60	24.77	24.60	25.50
100	QPSK	135	0	24.73	24.81	24.72	25.50
100	QPSK	135	69	24.60	24.78	24.68	25.50
100	QPSK	135	138	24.62	24.79	24.63	25.50
100	QPSK	270	0	24.77	24.91	24.83	25.50
100	16QAM	1	1	24.86	24.98	24.85	25.50
100	64QAM	1	1	24.34	24.45	24.36	25.00
100	256QAM	1	1	22.08	22.17	22.06	23.00
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	24.84	24.94	24.86	25.50
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	24.95	24.95	24.90	25.50
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	24.88	24.99	24.87	25.50
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	24.93	24.90	24.84	25.50
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	24.91	24.95	24.85	25.50
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	24.89	24.91	24.95	25.50
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	24.94	24.93	24.85	25.50
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	24.85	24.97	24.90	25.50
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	24.95	24.96	24.94	25.50
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	24.86	24.88	24.88	25.50
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	24.94	24.96	24.90	25.50
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	24.90	24.99	24.90	25.50
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	24.87	25.00	24.85	25.50

【FR1 n41__FCC_Ant6_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	18.29	18.36	18.33	19.00
100	PI/2 BPSK	1	137	18.09	18.28	18.15	19.00
100	PI/2 BPSK	1	271	18.00	18.19	18.14	19.00
100	PI/2 BPSK	135	0	18.11	18.26	18.20	19.00
100	PI/2 BPSK	135	69	18.22	18.32	18.29	19.00
100	PI/2 BPSK	135	138	18.13	18.26	18.09	19.00
100	PI/2 BPSK	270	0	18.10	18.29	18.16	19.00
100	QPSK	1	1	18.05	18.23	18.07	19.00
100	QPSK	1	137	18.14	18.28	18.16	19.00
100	QPSK	1	271	18.11	18.29	18.21	19.00
100	QPSK	135	0	18.05	18.22	18.09	19.00
100	QPSK	135	69	18.07	18.22	18.15	19.00
100	QPSK	135	138	18.10	18.26	18.20	19.00
100	QPSK	270	0	18.15	18.29	18.14	19.00
100	16QAM	1	1	18.03	18.21	18.08	19.00
100	64QAM	1	1	18.03	18.21	18.04	19.00
100	256QAM	1	1	18.16	18.28	18.13	19.00
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	18.27	18.24	18.24	19.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	18.26	18.24	18.19	19.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	18.24	18.32	18.29	19.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	18.28	18.23	18.21	19.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	18.24	18.21	18.32	19.00
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	18.18	18.28	18.29	19.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	18.15	18.32	18.19	19.00
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	18.23	18.25	18.25	19.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	18.15	18.30	18.21	19.00
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	18.16	18.25	18.22	19.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	18.24	18.24	18.25	19.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	18.22	18.31	18.27	19.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	18.16	18.32	18.19	19.00

【FR1 n41__FCC_Ant6_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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	18.29	18.36	18.33	19.00
100	PI/2 BPSK	1	137	18.09	18.28	18.15	19.00
100	PI/2 BPSK	1	271	18.00	18.19	18.14	19.00
100	PI/2 BPSK	135	0	18.11	18.26	18.20	19.00

100	PI/2 BPSK	135	69	18.22	18.32	18.29	19.00
100	PI/2 BPSK	135	138	18.13	18.26	18.09	19.00
100	PI/2 BPSK	270	0	18.10	18.29	18.16	19.00
100	QPSK	1	1	18.05	18.23	18.07	19.00
100	QPSK	1	137	18.14	18.28	18.16	19.00
100	QPSK	1	271	18.11	18.29	18.21	19.00
100	QPSK	135	0	18.05	18.22	18.09	19.00
100	QPSK	135	69	18.07	18.22	18.15	19.00
100	QPSK	135	138	18.10	18.26	18.20	19.00
100	QPSK	270	0	18.15	18.29	18.14	19.00
100	16QAM	1	1	18.03	18.21	18.08	19.00
100	64QAM	1	1	18.03	18.21	18.04	19.00
100	256QAM	1	1	18.16	18.28	18.13	19.00
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	18.27	18.24	18.24	19.00
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	18.26	18.24	18.19	19.00
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	18.24	18.32	18.29	19.00
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	18.28	18.23	18.21	19.00
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	18.24	18.21	18.32	19.00
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	18.18	18.28	18.29	19.00
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	18.15	18.32	18.19	19.00
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	18.23	18.25	18.25	19.00
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	18.15	18.30	18.21	19.00
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	18.16	18.25	18.22	19.00
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	18.24	18.24	18.25	19.00
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	18.22	18.31	18.27	19.00
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	18.16	18.32	18.19	19.00

【FR1 n41__FCC_Ant6_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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	18.29	18.36	18.33	19.00
100	PI/2 BPSK	1	137	18.09	18.28	18.15	19.00
100	PI/2 BPSK	1	271	18.00	18.19	18.14	19.00
100	PI/2 BPSK	135	0	18.11	18.26	18.20	19.00
100	PI/2 BPSK	135	69	18.22	18.32	18.29	19.00
100	PI/2 BPSK	135	138	18.13	18.26	18.09	19.00
100	PI/2 BPSK	270	0	18.10	18.29	18.16	19.00
100	QPSK	1	1	18.05	18.23	18.07	19.00
100	QPSK	1	137	18.14	18.28	18.16	19.00
100	QPSK	1	271	18.11	18.29	18.21	19.00
100	QPSK	135	0	18.05	18.22	18.09	19.00
100	QPSK	135	69	18.07	18.22	18.15	19.00
100	QPSK	135	138	18.10	18.26	18.20	19.00
100	QPSK	270	0	18.15	18.29	18.14	19.00
100	16QAM	1	1	18.03	18.21	18.08	19.00
100	64QAM	1	1	18.03	18.21	18.04	19.00

100	256QAM	1	1	18.16	18.28	18.13	19.00
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	18.27	18.24	18.24	19.00
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	18.26	18.24	18.19	19.00
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	18.24	18.32	18.29	19.00
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	18.28	18.23	18.21	19.00
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	18.24	18.21	18.32	19.00
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	18.18	18.28	18.29	19.00
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	18.15	18.32	18.19	19.00
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	18.23	18.25	18.25	19.00
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	18.15	18.30	18.21	19.00
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	18.16	18.25	18.22	19.00
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	18.24	18.24	18.25	19.00
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	18.22	18.31	18.27	19.00
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	18.16	18.32	18.19	19.00

【FR1 n41__FCC_HPUE_Ant6_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	26.72	26.83	26.77	27.50
100	PI/2 BPSK	1	137	26.67	26.80	26.72	27.50
100	PI/2 BPSK	1	271	26.58	26.81	26.68	27.50
100	PI/2 BPSK	135	0	26.24	26.37	26.22	27.00
100	PI/2 BPSK	135	69	26.67	26.82	26.63	27.50
100	PI/2 BPSK	135	138	26.30	26.52	26.42	27.00
100	PI/2 BPSK	270	0	26.36	26.52	26.37	27.00
100	QPSK	1	1	26.62	26.78	26.67	27.50
100	QPSK	1	137	26.56	26.76	26.66	27.50
100	QPSK	1	271	26.52	26.77	26.69	27.50
100	QPSK	135	0	25.60	25.78	25.71	26.50
100	QPSK	135	69	26.62	26.75	26.56	27.50
100	QPSK	135	138	25.58	25.80	25.68	26.50
100	QPSK	270	0	25.76	25.96	25.81	26.50
100	16QAM	1	1	25.59	25.84	25.65	26.50
100	64QAM	1	1	23.97	24.22	24.07	25.00
100	256QAM	1	1	22.14	22.24	22.09	23.00
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	26.67	26.75	26.65	27.50
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	26.57	26.72	26.72	27.50
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	26.63	26.71	26.73	27.50
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)

60	PI/2 BPSK	1	1	26.67	26.76	26.70	27.50
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	26.60	26.80	26.67	27.50
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	26.66	26.71	26.74	27.50
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	26.57	26.80	26.62	27.50
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	26.61	26.78	26.72	27.50
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	26.65	26.74	26.65	27.50
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	26.71	26.82	26.74	27.50
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	26.66	26.81	26.75	27.50
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	26.62	26.80	26.76	27.50
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	26.66	26.69	26.62	27.50

【FR1 n41__FCC_HPUE_Ant6_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	26.72	26.83	26.77	27.50
100	PI/2 BPSK	1	137	26.67	26.80	26.72	27.50
100	PI/2 BPSK	1	271	26.58	26.81	26.68	27.50
100	PI/2 BPSK	135	0	26.24	26.37	26.22	27.00
100	PI/2 BPSK	135	69	26.67	26.82	26.63	27.50
100	PI/2 BPSK	135	138	26.30	26.52	26.42	27.00
100	PI/2 BPSK	270	0	26.36	26.52	26.37	27.00
100	QPSK	1	1	26.62	26.78	26.67	27.50
100	QPSK	1	137	26.56	26.76	26.66	27.50
100	QPSK	1	271	26.52	26.77	26.69	27.50
100	QPSK	135	0	25.60	25.78	25.71	26.50
100	QPSK	135	69	26.62	26.75	26.56	27.50
100	QPSK	135	138	25.58	25.80	25.68	26.50
100	QPSK	270	0	25.76	25.96	25.81	26.50
100	16QAM	1	1	25.59	25.84	25.65	26.50
100	64QAM	1	1	23.97	24.22	24.07	25.00
100	256QAM	1	1	22.14	22.24	22.09	23.00
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	26.67	26.75	26.65	27.50
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	26.57	26.72	26.72	27.50
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	26.63	26.71	26.73	27.50
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	26.67	26.76	26.70	27.50
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	26.60	26.80	26.67	27.50
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	26.66	26.71	26.74	27.50
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	26.57	26.80	26.62	27.50
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	

35	PI/2 BPSK	1	1	26.61	26.78	26.72	27.50
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	26.65	26.74	26.65	27.50
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	26.71	26.82	26.74	27.50
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	26.66	26.81	26.75	27.50
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	26.62	26.80	26.76	27.50
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	26.66	26.69	26.62	27.50

【FR1 n41__FCC_HPUE_Ant6_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	21.31	21.32	21.25	22.00
100	PI/2 BPSK	1	137	21.07	21.16	21.05	22.00
100	PI/2 BPSK	1	271	21.18	21.26	21.13	22.00
100	PI/2 BPSK	135	0	21.17	21.20	21.11	22.00
100	PI/2 BPSK	135	69	21.25	21.28	21.19	22.00
100	PI/2 BPSK	135	138	21.12	21.23	21.07	22.00
100	PI/2 BPSK	270	0	21.22	21.26	21.06	22.00
100	QPSK	1	1	21.02	21.17	21.01	22.00
100	QPSK	1	137	21.14	21.24	21.06	22.00
100	QPSK	1	271	21.20	21.27	21.07	22.00
100	QPSK	135	0	21.10	21.21	21.08	22.00
100	QPSK	135	69	21.18	21.21	21.06	22.00
100	QPSK	135	138	21.07	21.19	20.99	22.00
100	QPSK	270	0	21.10	21.23	21.11	22.00
100	16QAM	1	1	21.06	21.19	20.99	22.00
100	64QAM	1	1	21.12	21.26	21.10	22.00
100	256QAM	1	1	21.10	21.22	21.08	22.00
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	21.20	21.28	21.11	22.00
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	21.24	21.27	21.19	22.00
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	21.16	21.28	21.14	22.00
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	21.25	21.25	21.12	22.00
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	21.22	21.21	21.17	22.00
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	21.18	21.25	21.19	22.00
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	21.28	21.26	21.18	22.00
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	21.23	21.30	21.17	22.00
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	21.21	21.18	21.17	22.00
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	21.18	21.18	21.23	22.00
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	21.21	21.28	21.13	22.00
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)

15	PI/2 BPSK	1	1	21.21	21.21	21.14	22.00
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	21.28	21.19	21.14	22.00

【FR1 n41__FCC_HPUE_Ant6_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				509202	518598	528000	Tune-up limit
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	21.31	21.32	21.25	22.00
100	PI/2 BPSK	1	137	21.07	21.16	21.05	22.00
100	PI/2 BPSK	1	271	21.18	21.26	21.13	22.00
100	PI/2 BPSK	135	0	21.17	21.20	21.11	22.00
100	PI/2 BPSK	135	69	21.25	21.28	21.19	22.00
100	PI/2 BPSK	135	138	21.12	21.23	21.07	22.00
100	PI/2 BPSK	270	0	21.22	21.26	21.06	22.00
100	QPSK	1	1	21.02	21.17	21.01	22.00
100	QPSK	1	137	21.14	21.24	21.06	22.00
100	QPSK	1	271	21.20	21.27	21.07	22.00
100	QPSK	135	0	21.10	21.21	21.08	22.00
100	QPSK	135	69	21.18	21.21	21.06	22.00
100	QPSK	135	138	21.07	21.19	20.99	22.00
100	QPSK	270	0	21.10	21.23	21.11	22.00
100	16QAM	1	1	21.06	21.19	20.99	22.00
100	64QAM	1	1	21.12	21.26	21.10	22.00
100	256QAM	1	1	21.10	21.22	21.08	22.00
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	21.20	21.28	21.11	22.00
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	21.24	21.27	21.19	22.00
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	21.16	21.28	21.14	22.00
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	21.25	21.25	21.12	22.00
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	21.22	21.21	21.17	22.00
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	21.18	21.25	21.19	22.00
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	21.28	21.26	21.18	22.00
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	21.23	21.30	21.17	22.00
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	21.21	21.18	21.17	22.00
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	21.18	21.18	21.23	22.00
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	21.21	21.28	21.13	22.00
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	21.21	21.21	21.14	22.00
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	21.28	21.19	21.14	22.00



【FR1 n41_FCC_HPUE_Ant6_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	22.00
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	21.31	21.32	21.25	22.00
100	PI/2 BPSK	1	137	21.07	21.16	21.05	22.00
100	PI/2 BPSK	1	271	21.18	21.26	21.13	22.00
100	PI/2 BPSK	135	0	21.17	21.20	21.11	22.00
100	PI/2 BPSK	135	69	21.25	21.28	21.19	22.00
100	PI/2 BPSK	135	138	21.12	21.23	21.07	22.00
100	PI/2 BPSK	270	0	21.22	21.26	21.06	22.00
100	QPSK	1	1	21.02	21.17	21.01	22.00
100	QPSK	1	137	21.14	21.24	21.06	22.00
100	QPSK	1	271	21.20	21.27	21.07	22.00
100	QPSK	135	0	21.10	21.21	21.08	22.00
100	QPSK	135	69	21.18	21.21	21.06	22.00
100	QPSK	135	138	21.07	21.19	20.99	22.00
100	QPSK	270	0	21.10	21.23	21.11	22.00
100	16QAM	1	1	21.06	21.19	20.99	22.00
100	64QAM	1	1	21.12	21.26	21.10	22.00
100	256QAM	1	1	21.10	21.22	21.08	22.00
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	21.20	21.28	21.11	22.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	21.24	21.27	21.19	22.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	21.16	21.28	21.14	22.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	21.25	21.25	21.12	22.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	21.22	21.21	21.17	22.00
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	21.18	21.25	21.19	22.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	21.28	21.26	21.18	22.00
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	21.23	21.30	21.17	22.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	21.21	21.18	21.17	22.00
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	21.18	21.18	21.23	22.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	21.21	21.28	21.13	22.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	21.21	21.21	21.14	22.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	21.28	21.19	21.14	22.00

【FR1 n41_FCC_Ant7_Default】

BW [MHz]	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit
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				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.	(dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.78	23.98	23.89	24.50
100	PI/2 BPSK	1	137	23.38	23.69	23.50	24.50
100	PI/2 BPSK	1	271	23.34	23.67	23.45	24.50
100	PI/2 BPSK	135	0	23.50	23.81	23.59	24.50
100	PI/2 BPSK	135	69	23.67	23.89	23.67	24.50
100	PI/2 BPSK	135	138	23.44	23.65	23.50	24.50
100	PI/2 BPSK	270	0	23.60	23.88	23.75	24.50
100	QPSK	1	1	23.84	24.13	23.95	24.50
100	QPSK	1	137	23.30	23.57	23.46	24.50
100	QPSK	1	271	23.30	23.64	23.48	24.50
100	QPSK	135	0	23.70	23.94	23.77	24.50
100	QPSK	135	69	23.45	23.68	23.50	24.50
100	QPSK	135	138	23.46	23.72	23.62	24.50
100	QPSK	270	0	23.57	23.87	23.68	24.50
100	16QAM	1	1	23.89	24.15	23.93	24.50
100	64QAM	1	1	23.42	23.67	23.55	24.00
100	256QAM	1	1	21.10	21.35	21.21	22.00
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	23.68	23.97	23.84	24.50
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	23.67	23.84	23.88	24.50
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	23.66	23.84	23.80	24.50
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	23.69	23.95	23.77	24.50
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	23.67	23.89	23.81	24.50
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	23.65	23.91	23.79	24.50
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	23.64	23.89	23.84	24.50
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	23.71	23.90	23.86	24.50
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	23.71	23.91	23.86	24.50
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	23.65	23.95	23.79	24.50
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	23.77	23.91	23.84	24.50
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	23.76	23.84	23.86	24.50
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	23.76	23.83	23.84	24.50

【FR1 n41_FCC_Ant7_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	16.61	16.65	16.57	17.50
100	PI/2 BPSK	1	137	16.46	16.51	16.41	17.50
100	PI/2 BPSK	1	271	16.38	16.53	16.42	17.50
100	PI/2 BPSK	135	0	16.45	16.53	16.41	17.50
100	PI/2 BPSK	135	69	16.49	16.63	16.50	17.50
100	PI/2 BPSK	135	138	16.39	16.57	16.39	17.50
100	PI/2 BPSK	270	0	16.39	16.58	16.35	17.50
100	QPSK	1	1	16.47	16.54	16.39	17.50

100	QPSK	1	137	16.51	16.60	16.49	17.50
100	QPSK	1	271	16.52	16.60	16.45	17.50
100	QPSK	135	0	16.39	16.58	16.36	17.50
100	QPSK	135	69	16.42	16.52	16.42	17.50
100	QPSK	135	138	16.37	16.55	16.37	17.50
100	QPSK	270	0	16.44	16.57	16.34	17.50
100	16QAM	1	1	16.43	16.55	16.36	17.50
100	64QAM	1	1	16.47	16.54	16.35	17.50
100	256QAM	1	1	16.50	16.58	16.44	17.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	16.53	16.62	16.47	17.50
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	16.47	16.55	16.53	17.50
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	16.55	16.62	16.56	17.50
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	16.53	16.61	16.49	17.50
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	16.56	16.50	16.48	17.50
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	16.46	16.56	16.55	17.50
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	16.56	16.52	16.43	17.50
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	16.48	16.61	16.46	17.50
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	16.50	16.62	16.53	17.50
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	16.59	16.53	16.49	17.50
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	16.58	16.55	16.53	17.50
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	16.51	16.53	16.48	17.50
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	16.56	16.50	16.51	17.50

【FR1 n41_FCC_Ant7_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	16.61	16.65	16.57	17.50
100	PI/2 BPSK	1	137	16.46	16.51	16.41	17.50
100	PI/2 BPSK	1	271	16.38	16.53	16.42	17.50
100	PI/2 BPSK	135	0	16.45	16.53	16.41	17.50
100	PI/2 BPSK	135	69	16.49	16.63	16.50	17.50
100	PI/2 BPSK	135	138	16.39	16.57	16.39	17.50
100	PI/2 BPSK	270	0	16.39	16.58	16.35	17.50
100	QPSK	1	1	16.47	16.54	16.39	17.50
100	QPSK	1	137	16.51	16.60	16.49	17.50
100	QPSK	1	271	16.52	16.60	16.45	17.50
100	QPSK	135	0	16.39	16.58	16.36	17.50
100	QPSK	135	69	16.42	16.52	16.42	17.50
100	QPSK	135	138	16.37	16.55	16.37	17.50
100	QPSK	270	0	16.44	16.57	16.34	17.50
100	16QAM	1	1	16.43	16.55	16.36	17.50
100	64QAM	1	1	16.47	16.54	16.35	17.50
100	256QAM	1	1	16.50	16.58	16.44	17.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	16.53	16.62	16.47	17.50

	Channel			507204	518598	529998	Tune-up limit
	Frequency (MHz)			2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	16.47	16.55	16.53	17.50
	Channel			506202	518598	531000	Tune-up limit
	Frequency (MHz)			2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	16.55	16.62	16.56	17.50
	Channel			505200	518598	531996	Tune-up limit
	Frequency (MHz)			2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	16.53	16.61	16.49	17.50
	Channel			504204	518598	532998	Tune-up limit
	Frequency (MHz)			2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	16.56	16.50	16.48	17.50
	Channel			503700	518598	533496	Tune-up limit
	Frequency (MHz)			2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	16.46	16.56	16.55	17.50
	Channel			503202	518598	534000	Tune-up limit
	Frequency (MHz)			2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	16.56	16.52	16.43	17.50
	Channel			502704	518598	534498	Tune-up limit
	Frequency (MHz)			2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	16.48	16.61	16.46	17.50
	Channel			502200	518598	534996	Tune-up limit
	Frequency (MHz)			2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	16.50	16.62	16.53	17.50
	Channel			501702	518598	535500	Tune-up limit
	Frequency (MHz)			2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	16.59	16.53	16.49	17.50
	Channel			501204	518598	535998	Tune-up limit
	Frequency (MHz)			2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	16.58	16.55	16.53	17.50
	Channel			500700	518598	536496	Tune-up limit
	Frequency (MHz)			2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	16.51	16.53	16.48	17.50
	Channel			500202	518598	537000	Tune-up limit
	Frequency (MHz)			2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	16.56	16.50	16.51	17.50

【FR1 n41_FCC_Ant7_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			509202	518598	528000	
	Frequency (MHz)			2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	17.61	17.65	17.58	18.50
100	PI/2 BPSK	1	137	17.49	17.55	17.42	18.50
100	PI/2 BPSK	1	271	17.42	17.54	17.46	18.50
100	PI/2 BPSK	135	0	17.47	17.54	17.40	18.50
100	PI/2 BPSK	135	69	17.55	17.62	17.49	18.50
100	PI/2 BPSK	135	138	17.51	17.60	17.46	18.50
100	PI/2 BPSK	270	0	17.53	17.61	17.51	18.50
100	QPSK	1	1	17.48	17.62	17.50	18.50
100	QPSK	1	137	17.46	17.59	17.38	18.50
100	QPSK	1	271	17.40	17.57	17.42	18.50
100	QPSK	135	0	17.35	17.52	17.34	18.50
100	QPSK	135	69	17.50	17.56	17.44	18.50
100	QPSK	135	138	17.47	17.57	17.40	18.50
100	QPSK	270	0	17.35	17.51	17.42	18.50
100	16QAM	1	1	17.43	17.51	17.30	18.50
100	64QAM	1	1	17.50	17.57	17.36	18.50
100	256QAM	1	1	17.48	17.62	17.45	18.50
	Channel			508200	518598	528996	Tune-up limit
	Frequency (MHz)			2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	17.56	17.53	17.45	18.50
	Channel			507204	518598	529998	Tune-up limit
	Frequency (MHz)			2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	17.47	17.61	17.55	18.50
	Channel			506202	518598	531000	Tune-up limit
	Frequency (MHz)			2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	17.57	17.57	17.52	18.50
	Channel			505200	518598	531996	Tune-up limit
	Frequency (MHz)			2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	17.46	17.53	17.56	18.50
	Channel			504204	518598	532998	Tune-up limit
	Frequency (MHz)			2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	17.55	17.55	17.55	18.50

Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	17.47	17.64	17.48	18.50
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	17.55	17.63	17.47	18.50
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	17.51	17.62	17.47	18.50
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	17.51	17.52	17.50	18.50
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	17.50	17.59	17.56	18.50
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	17.60	17.53	17.49	18.50
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	17.47	17.58	17.50	18.50
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	17.51	17.62	17.43	18.50

【FR1 n41_FCC_Ant7_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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	17.61	17.65	17.58	18.50
100	PI/2 BPSK	1	137	17.49	17.55	17.42	18.50
100	PI/2 BPSK	1	271	17.42	17.54	17.46	18.50
100	PI/2 BPSK	135	0	17.47	17.54	17.40	18.50
100	PI/2 BPSK	135	69	17.55	17.62	17.49	18.50
100	PI/2 BPSK	135	138	17.51	17.60	17.46	18.50
100	PI/2 BPSK	270	0	17.53	17.61	17.51	18.50
100	QPSK	1	1	17.48	17.62	17.50	18.50
100	QPSK	1	137	17.46	17.59	17.38	18.50
100	QPSK	1	271	17.40	17.57	17.42	18.50
100	QPSK	135	0	17.35	17.52	17.34	18.50
100	QPSK	135	69	17.50	17.56	17.44	18.50
100	QPSK	135	138	17.47	17.57	17.40	18.50
100	QPSK	270	0	17.35	17.51	17.42	18.50
100	16QAM	1	1	17.43	17.51	17.30	18.50
100	64QAM	1	1	17.50	17.57	17.36	18.50
100	256QAM	1	1	17.48	17.62	17.45	18.50
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	17.56	17.53	17.45	18.50
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	17.47	17.61	17.55	18.50
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	17.57	17.57	17.52	18.50
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	17.46	17.53	17.56	18.50
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	17.55	17.55	17.55	18.50
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	17.47	17.64	17.48	18.50
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	17.55	17.63	17.47	18.50
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	17.51	17.62	17.47	18.50
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	17.51	17.52	17.50	18.50

Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	17.50	17.59	17.56	18.50
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	17.60	17.53	17.49	18.50
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	17.47	17.58	17.50	18.50
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	17.51	17.62	17.43	18.50

【FR1 n41_FCC_HPUE_Ant7_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	25.04	26.07	25.91	26.50
100	PI/2 BPSK	1	137	24.83	25.99	25.70	26.50
100	PI/2 BPSK	1	271	24.75	25.89	25.70	26.50
100	PI/2 BPSK	135	0	24.53	25.59	25.36	26.00
100	PI/2 BPSK	135	69	24.91	26.04	25.77	26.50
100	PI/2 BPSK	135	138	24.52	25.60	25.34	26.00
100	PI/2 BPSK	270	0	24.39	25.55	25.29	26.00
100	QPSK	1	1	24.90	25.99	25.77	26.50
100	QPSK	1	137	24.84	25.97	25.75	26.50
100	QPSK	1	271	24.91	26.03	25.84	26.50
100	QPSK	135	0	23.88	25.02	24.79	25.50
100	QPSK	135	69	24.86	25.94	25.73	26.50
100	QPSK	135	138	24.20	25.28	25.04	25.50
100	QPSK	270	0	24.05	25.09	24.89	25.50
100	16QAM	1	1	23.84	24.97	24.77	25.50
100	64QAM	1	1	22.52	23.50	23.36	24.00
100	256QAM	1	1	20.35	21.25	21.05	22.00
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	24.93	25.99	25.88	26.50
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	24.92	25.97	25.86	26.50
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	24.93	26.03	25.78	26.50
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	25.02	26.03	25.90	26.50
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	24.93	26.01	25.85	26.50
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	24.96	25.94	25.88	26.50
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	24.90	26.03	25.86	26.50
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	24.96	25.93	25.82	26.50
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	25.00	26.01	25.88	26.50
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	25.00	26.02	25.78	26.50
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	24.95	25.97	25.84	26.50
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	24.98	26.06	25.90	26.50
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	24.98	25.92	25.77	26.50

【FR1 n41__FCC_HPUE_Ant7_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	19.31	19.61	19.56	20.50
100	PI/2 BPSK	1	137	19.18	19.53	19.43	20.50
100	PI/2 BPSK	1	271	19.17	19.60	19.49	20.50
100	PI/2 BPSK	135	0	19.12	19.49	19.34	20.50
100	PI/2 BPSK	135	69	19.24	19.59	19.44	20.50
100	PI/2 BPSK	135	138	19.19	19.52	19.42	20.50
100	PI/2 BPSK	270	0	19.19	19.58	19.46	20.50
100	QPSK	1	1	19.15	19.59	19.45	20.50
100	QPSK	1	137	19.15	19.49	19.30	20.50
100	QPSK	1	271	19.25	19.56	19.39	20.50
100	QPSK	135	0	19.22	19.53	19.46	20.50
100	QPSK	135	69	19.14	19.55	19.38	20.50
100	QPSK	135	138	19.21	19.57	19.43	20.50
100	QPSK	270	0	19.24	19.58	19.42	20.50
100	16QAM	1	1	19.23	19.57	19.44	20.50
100	64QAM	1	1	19.21	19.53	19.37	20.50
100	256QAM	1	1	19.17	19.61	19.47	20.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	19.20	19.50	19.52	20.50
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	19.28	19.48	19.49	20.50
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	19.19	19.52	19.42	20.50
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	19.23	19.57	19.42	20.50
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	19.27	19.53	19.43	20.50
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	19.21	19.58	19.49	20.50
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	19.25	19.56	19.45	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	19.57	19.43	20.50
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	19.16	19.47	19.51	20.50
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	19.27	19.56	19.47	20.50
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	19.22	19.51	19.48	20.50
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	19.18	19.58	19.53	20.50
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	19.18	19.47	19.52	20.50

【FR1 n41__FCC_HPUE_Ant7_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	19.31	19.61	19.56	20.50
100	PI/2 BPSK	1	137	19.18	19.53	19.43	20.50
100	PI/2 BPSK	1	271	19.17	19.60	19.49	20.50
100	PI/2 BPSK	135	0	19.12	19.49	19.34	20.50

100	PI/2 BPSK	135	69	19.24	19.59	19.44	20.50
100	PI/2 BPSK	135	138	19.19	19.52	19.42	20.50
100	PI/2 BPSK	270	0	19.19	19.58	19.46	20.50
100	QPSK	1	1	19.15	19.59	19.45	20.50
100	QPSK	1	137	19.15	19.49	19.30	20.50
100	QPSK	1	271	19.25	19.56	19.39	20.50
100	QPSK	135	0	19.22	19.53	19.46	20.50
100	QPSK	135	69	19.14	19.55	19.38	20.50
100	QPSK	135	138	19.21	19.57	19.43	20.50
100	QPSK	270	0	19.24	19.58	19.42	20.50
100	16QAM	1	1	19.23	19.57	19.44	20.50
100	64QAM	1	1	19.21	19.53	19.37	20.50
100	256QAM	1	1	19.17	19.61	19.47	20.50
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	19.20	19.50	19.52	20.50
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	19.28	19.48	19.49	20.50
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	19.19	19.52	19.42	20.50
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	19.23	19.57	19.42	20.50
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	19.27	19.53	19.43	20.50
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	19.21	19.58	19.49	20.50
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	19.25	19.56	19.45	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	19.57	19.43	20.50
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	19.16	19.47	19.51	20.50
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	19.27	19.56	19.47	20.50
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	19.22	19.51	19.48	20.50
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	19.18	19.58	19.53	20.50
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	19.18	19.47	19.52	20.50

【FR1 n41__FCC_HPUE_Ant7_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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	20.24	20.64	20.53	21.50
100	PI/2 BPSK	1	137	20.16	20.60	20.42	21.50
100	PI/2 BPSK	1	271	19.99	20.54	20.31	21.50
100	PI/2 BPSK	135	0	20.02	20.50	20.37	21.50
100	PI/2 BPSK	135	69	20.18	20.61	20.51	21.50
100	PI/2 BPSK	135	138	20.07	20.60	20.46	21.50
100	PI/2 BPSK	270	0	20.08	20.56	20.38	21.50
100	QPSK	1	1	20.03	20.51	20.35	21.50
100	QPSK	1	137	20.07	20.60	20.40	21.50
100	QPSK	1	271	19.98	20.51	20.29	21.50
100	QPSK	135	0	20.05	20.51	20.37	21.50
100	QPSK	135	69	20.14	20.57	20.39	21.50
100	QPSK	135	138	20.15	20.60	20.43	21.50
100	QPSK	270	0	20.11	20.58	20.38	21.50
100	16QAM	1	1	20.08	20.59	20.37	21.50
100	64QAM	1	1	20.06	20.53	20.30	21.50

100	256QAM	1	1	20.10	20.59	20.35	21.50
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	20.23	20.53	20.51	21.50
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	20.21	20.55	20.39	21.50
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	20.20	20.52	20.44	21.50
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	20.21	20.55	20.50	21.50
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	20.18	20.51	20.41	21.50
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	20.16	20.51	20.45	21.50
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	20.15	20.55	20.44	21.50
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	20.21	20.49	20.43	21.50
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	20.15	20.61	20.43	21.50
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	20.13	20.50	20.40	21.50
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	20.10	20.59	20.44	21.50
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	20.12	20.59	20.39	21.50
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	20.15	20.62	20.48	21.50

【FR1 n41__FCC_HPUE_Ant7_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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	20.24	20.64	20.53	21.50
100	PI/2 BPSK	1	137	20.16	20.60	20.42	21.50
100	PI/2 BPSK	1	271	19.99	20.54	20.31	21.50
100	PI/2 BPSK	135	0	20.02	20.50	20.37	21.50
100	PI/2 BPSK	135	69	20.18	20.61	20.51	21.50
100	PI/2 BPSK	135	138	20.07	20.60	20.46	21.50
100	PI/2 BPSK	270	0	20.08	20.56	20.38	21.50
100	QPSK	1	1	20.03	20.51	20.35	21.50
100	QPSK	1	137	20.07	20.60	20.40	21.50
100	QPSK	1	271	19.98	20.51	20.29	21.50
100	QPSK	135	0	20.05	20.51	20.37	21.50
100	QPSK	135	69	20.14	20.57	20.39	21.50
100	QPSK	135	138	20.15	20.60	20.43	21.50
100	QPSK	270	0	20.11	20.58	20.38	21.50
100	16QAM	1	1	20.08	20.59	20.37	21.50
100	64QAM	1	1	20.06	20.53	20.30	21.50
100	256QAM	1	1	20.10	20.59	20.35	21.50
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	20.23	20.53	20.51	21.50
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	20.21	20.55	20.39	21.50
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	20.20	20.52	20.44	21.50
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)

60	PI/2 BPSK	1	1	20.21	20.55	20.50	21.50
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	20.18	20.51	20.41	21.50
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	20.16	20.51	20.45	21.50
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	20.15	20.55	20.44	21.50
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	20.21	20.49	20.43	21.50
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	20.15	20.61	20.43	21.50
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	20.13	20.50	20.40	21.50
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	20.10	20.59	20.44	21.50
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	20.12	20.59	20.39	21.50
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	20.15	20.62	20.48	21.50

【FR1 n48_Ant8_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	24.21	24.47	24.23	25.00
40	PI/2 BPSK	1	53	23.88	24.29	24.00	25.00
40	PI/2 BPSK	1	104	23.92	24.33	24.02	25.00
40	PI/2 BPSK	50	0	23.45	23.84	23.50	24.50
40	PI/2 BPSK	50	28	24.05	24.45	24.18	25.00
40	PI/2 BPSK	50	56	23.66	24.00	23.68	24.50
40	PI/2 BPSK	100	0	23.59	23.88	23.63	24.50
40	QPSK	1	1	23.82	24.19	23.81	25.00
40	QPSK	1	53	23.79	24.18	23.86	25.00
40	QPSK	1	104	23.92	24.28	23.97	25.00
40	QPSK	50	0	23.04	23.32	22.96	24.00
40	QPSK	50	28	24.05	24.34	23.97	25.00
40	QPSK	50	56	23.06	23.38	23.04	24.00
40	QPSK	100	0	23.03	23.31	23.03	24.00
40	16QAM	1	1	22.97	23.25	23.00	24.00
40	64QAM	1	1	21.35	21.67	21.36	22.50
40	256QAM	1	1	19.14	19.38	19.17	20.50
Channel				637668	641666	645666	Tune-up limit
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	24.09	24.40	24.10	25.00
Channel				637334	641666	646000	Tune-up limit
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	24.17	24.36	24.16	25.00
Channel				637168	641666	646166	Tune-up limit
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	24.10	24.44	24.11	25.00
Channel				637000	641666	646332	Tune-up limit
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	24.17	24.37	24.18	25.00

【FR1 n48_Ant8_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				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	16.59	16.68	16.62	17.50
40	PI/2 BPSK	1	53	16.52	16.62	16.46	17.50
40	PI/2 BPSK	1	104	16.41	16.58	16.38	17.50
40	PI/2 BPSK	50	0	16.44	16.63	16.49	17.50
40	PI/2 BPSK	50	28	16.49	16.65	16.55	17.50
40	PI/2 BPSK	50	56	16.37	16.61	16.43	17.50
40	PI/2 BPSK	100	0	16.47	16.62	16.46	17.50
40	QPSK	1	1	16.45	16.55	16.37	17.50
40	QPSK	1	53	16.50	16.62	16.50	17.50
40	QPSK	1	104	16.42	16.64	16.48	17.50
40	QPSK	50	0	16.55	16.67	16.51	17.50
40	QPSK	50	28	16.42	16.58	16.39	17.50
40	QPSK	50	56	16.50	16.61	16.53	17.50
40	QPSK	100	0	16.48	16.63	16.46	17.50
40	16QAM	1	1	16.46	16.56	16.39	17.50
40	64QAM	1	1	16.43	16.61	16.53	17.50
40	256QAM	1	1	16.55	16.67	16.53	17.50
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	16.49	16.54	16.56	17.50
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	16.50	16.54	16.50	17.50
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	16.51	16.54	16.51	17.50
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	16.45	16.61	16.58	17.50

【FR1 n48_Ant8_DS15】

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	16.59	16.68	16.62	17.50
40	PI/2 BPSK	1	53	16.52	16.62	16.46	17.50
40	PI/2 BPSK	1	104	16.41	16.58	16.38	17.50
40	PI/2 BPSK	50	0	16.44	16.63	16.49	17.50
40	PI/2 BPSK	50	28	16.49	16.65	16.55	17.50
40	PI/2 BPSK	50	56	16.37	16.61	16.43	17.50
40	PI/2 BPSK	100	0	16.47	16.62	16.46	17.50
40	QPSK	1	1	16.45	16.55	16.37	17.50
40	QPSK	1	53	16.50	16.62	16.50	17.50
40	QPSK	1	104	16.42	16.64	16.48	17.50
40	QPSK	50	0	16.55	16.67	16.51	17.50
40	QPSK	50	28	16.42	16.58	16.39	17.50
40	QPSK	50	56	16.50	16.61	16.53	17.50
40	QPSK	100	0	16.48	16.63	16.46	17.50
40	16QAM	1	1	16.46	16.56	16.39	17.50
40	64QAM	1	1	16.43	16.61	16.53	17.50
40	256QAM	1	1	16.55	16.67	16.53	17.50
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	16.49	16.54	16.56	17.50
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	16.50	16.54	16.50	17.50
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	16.51	16.54	16.51	17.50
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	16.45	16.61	16.58	17.50

【FR1 n48_Ant8_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	18.58	18.67	18.64	19.50
40	PI/2 BPSK	1	53	18.33	18.56	18.44	19.50
40	PI/2 BPSK	1	104	18.36	18.58	18.50	19.50
40	PI/2 BPSK	50	0	18.33	18.56	18.38	19.50
40	PI/2 BPSK	50	28	18.56	18.65	18.61	19.50
40	PI/2 BPSK	50	56	18.51	18.61	18.44	19.50
40	PI/2 BPSK	100	0	18.38	18.62	18.49	19.50
40	QPSK	1	1	18.38	18.55	18.41	19.50
40	QPSK	1	53	18.55	18.67	18.52	19.50
40	QPSK	1	104	18.36	18.55	18.39	19.50
40	QPSK	50	0	18.44	18.61	18.50	19.50
40	QPSK	50	28	18.47	18.66	18.49	19.50
40	QPSK	50	56	18.40	18.56	18.48	19.50
40	QPSK	100	0	18.33	18.57	18.50	19.50
40	16QAM	1	1	18.41	18.65	18.53	19.50
40	64QAM	1	1	18.54	18.65	18.54	19.50
40	256QAM	1	1	18.47	18.58	18.40	19.50
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	18.49	18.61	18.61	19.50
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	18.44	18.63	18.51	19.50
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	18.49	18.62	18.49	19.50
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	18.57	18.58	18.60	19.50

【FR1 n48_Ant8_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	18.58	18.67	18.64	19.50
40	PI/2 BPSK	1	53	18.33	18.56	18.44	19.50
40	PI/2 BPSK	1	104	18.36	18.58	18.50	19.50
40	PI/2 BPSK	50	0	18.33	18.56	18.38	19.50
40	PI/2 BPSK	50	28	18.56	18.65	18.61	19.50
40	PI/2 BPSK	50	56	18.51	18.61	18.44	19.50
40	PI/2 BPSK	100	0	18.38	18.62	18.49	19.50
40	QPSK	1	1	18.38	18.55	18.41	19.50
40	QPSK	1	53	18.55	18.67	18.52	19.50
40	QPSK	1	104	18.36	18.55	18.39	19.50
40	QPSK	50	0	18.44	18.61	18.50	19.50
40	QPSK	50	28	18.47	18.66	18.49	19.50
40	QPSK	50	56	18.40	18.56	18.48	19.50
40	QPSK	100	0	18.33	18.57	18.50	19.50
40	16QAM	1	1	18.41	18.65	18.53	19.50
40	64QAM	1	1	18.54	18.65	18.54	19.50
40	256QAM	1	1	18.47	18.58	18.40	19.50
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	18.49	18.61	18.61	19.50
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	18.44	18.63	18.51	19.50
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	18.49	18.62	18.49	19.50
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	18.57	18.58	18.60	19.50

【FR1 n48_Ant9_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	20.75	20.77	20.71	21.00
40	PI/2 BPSK	1	53	20.60	20.63	20.42	21.00
40	PI/2 BPSK	1	104	20.62	20.72	20.53	21.00
40	PI/2 BPSK	50	0	20.16	20.28	20.08	20.50
40	PI/2 BPSK	50	28	20.67	20.75	20.58	21.00
40	PI/2 BPSK	50	56	20.21	20.28	20.15	20.50
40	PI/2 BPSK	100	0	20.30	20.33	20.25	20.50
40	QPSK	1	1	20.61	20.65	20.58	21.00
40	QPSK	1	53	20.59	20.69	20.52	21.00
40	QPSK	1	104	20.48	20.63	20.55	21.00
40	QPSK	50	0	19.66	19.77	19.62	20.00
40	QPSK	50	28	20.76	20.80	20.67	21.00
40	QPSK	50	56	19.71	19.85	19.67	20.00
40	QPSK	100	0	19.70	19.75	19.60	20.00
40	16QAM	1	1	19.65	19.78	19.69	20.00
40	64QAM	1	1	18.11	18.22	18.06	18.50
40	256QAM	1	1	15.84	15.98	15.87	16.50
Channel				637668	641666	645666	Tune-up limit
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	20.70	20.67	20.70	21.00
Channel				637334	641666	646000	Tune-up limit
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	20.65	20.72	20.67	21.00
Channel				637168	641666	646166	Tune-up limit
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	20.62	20.70	20.64	21.00
Channel				637000	641666	646332	Tune-up limit
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	20.61	20.65	20.65	21.00

【FR1 n48_Ant9_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	16.38	16.40	16.33	17.00
40	PI/2 BPSK	1	53	16.25	16.36	16.23	17.00
40	PI/2 BPSK	1	104	16.14	16.30	16.22	17.00
40	PI/2 BPSK	50	0	16.20	16.31	16.12	17.00
40	PI/2 BPSK	50	28	16.32	16.36	16.27	17.00
40	PI/2 BPSK	50	56	16.17	16.28	16.18	17.00
40	PI/2 BPSK	100	0	16.23	16.31	16.16	17.00
40	QPSK	1	1	16.31	16.36	16.16	17.00
40	QPSK	1	53	16.21	16.36	16.15	17.00
40	QPSK	1	104	16.14	16.30	16.18	17.00
40	QPSK	50	0	16.33	16.37	16.20	17.00
40	QPSK	50	28	16.27	16.34	16.16	17.00
40	QPSK	50	56	16.21	16.38	16.18	17.00
40	QPSK	100	0	16.22	16.29	16.10	17.00
40	16QAM	1	1	16.24	16.32	16.21	17.00
40	64QAM	1	1	16.21	16.36	16.26	17.00
40	256QAM	1	1	15.82	15.98	15.77	16.50
Channel				637668	641666	645666	Tune-up limit
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	16.27	16.26	16.30	17.00
Channel				637334	641666	646000	Tune-up limit
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	16.35	16.36	16.31	17.00
Channel				637168	641666	646166	Tune-up limit
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	16.27	16.30	16.27	17.00
Channel				637000	641666	646332	Tune-up limit
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	16.35	16.31	16.25	17.00

【FR1 n48_Ant9_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	16.38	16.40	16.33	16.70
40	PI/2 BPSK	1	53	16.25	16.36	16.23	16.70
40	PI/2 BPSK	1	104	16.14	16.30	16.22	16.70
40	PI/2 BPSK	50	0	16.20	16.31	16.12	16.70
40	PI/2 BPSK	50	28	16.32	16.36	16.27	16.70
40	PI/2 BPSK	50	56	16.17	16.28	16.18	16.70
40	PI/2 BPSK	100	0	16.23	16.31	16.16	16.70
40	QPSK	1	1	16.31	16.36	16.16	16.70
40	QPSK	1	53	16.21	16.36	16.15	16.70
40	QPSK	1	104	16.14	16.30	16.18	16.70
40	QPSK	50	0	16.33	16.37	16.20	16.70
40	QPSK	50	28	16.27	16.34	16.16	16.70
40	QPSK	50	56	16.21	16.38	16.18	16.70
40	QPSK	100	0	16.22	16.29	16.10	16.70
40	16QAM	1	1	16.24	16.32	16.21	16.70
40	64QAM	1	1	16.21	16.36	16.26	16.70
40	256QAM	1	1	15.82	15.98	15.77	16.20
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	16.27	16.26	16.30	16.70
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	16.35	16.36	16.31	16.70
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	16.27	16.30	16.27	16.70
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	16.35	16.31	16.25	16.70

【FR1 n48_Ant9_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	18.34	18.39	18.35	19.00
40	PI/2 BPSK	1	53	18.23	18.38	18.25	19.00
40	PI/2 BPSK	1	104	18.25	18.33	18.19	19.00
40	PI/2 BPSK	50	0	18.11	18.29	18.20	19.00
40	PI/2 BPSK	50	28	18.31	18.37	18.34	19.00
40	PI/2 BPSK	50	56	18.17	18.36	18.29	19.00
40	PI/2 BPSK	100	0	18.30	18.36	18.17	19.00
40	QPSK	1	1	18.26	18.36	18.29	19.00
40	QPSK	1	53	18.18	18.34	18.18	19.00
40	QPSK	1	104	18.11	18.27	18.16	19.00
40	QPSK	50	0	18.16	18.35	18.18	19.00
40	QPSK	50	28	18.23	18.34	18.21	19.00
40	QPSK	50	56	18.13	18.31	18.15	19.00
40	QPSK	100	0	18.21	18.30	18.12	19.00
40	16QAM	1	1	18.21	18.33	18.25	19.00
40	64QAM	1	1	18.28	18.36	18.26	18.50
40	256QAM	1	1	15.84	15.98	15.80	16.50
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	18.31	18.33	18.20	19.00
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	18.31	18.34	18.30	19.00
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	18.31	18.30	18.27	19.00
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	18.27	18.27	18.28	19.00

【FR1 n48_Ant9_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	20.75	20.77	20.71	21.00
40	PI/2 BPSK	1	53	20.60	20.63	20.42	21.00
40	PI/2 BPSK	1	104	20.62	20.72	20.53	21.00
40	PI/2 BPSK	50	0	20.16	20.28	20.08	20.50
40	PI/2 BPSK	50	28	20.67	20.75	20.58	21.00
40	PI/2 BPSK	50	56	20.21	20.28	20.15	20.50
40	PI/2 BPSK	100	0	20.30	20.33	20.25	20.50
40	QPSK	1	1	20.61	20.65	20.58	21.00
40	QPSK	1	53	20.59	20.69	20.52	21.00
40	QPSK	1	104	20.48	20.63	20.55	21.00
40	QPSK	50	0	19.66	19.77	19.62	20.00
40	QPSK	50	28	20.76	20.80	20.67	21.00
40	QPSK	50	56	19.71	19.85	19.67	20.00
40	QPSK	100	0	19.70	19.75	19.60	20.00
40	16QAM	1	1	19.65	19.78	19.69	20.00
40	64QAM	1	1	18.11	18.22	18.06	18.50
40	256QAM	1	1	15.84	15.98	15.87	16.50
Channel				637668	641666	645666	Tune-up limit
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	20.70	20.67	20.70	21.00
Channel				637334	641666	646000	Tune-up limit
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	20.65	20.72	20.67	21.00
Channel				637168	641666	646166	Tune-up limit
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	20.62	20.70	20.64	21.00
Channel				637000	641666	646332	Tune-up limit
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	20.61	20.65	20.65	21.00

【FR1 n48_Ant10_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	24.33	24.41	24.38	25.00
40	PI/2 BPSK	1	53	24.22	24.36	24.18	25.00
40	PI/2 BPSK	1	104	24.26	24.38	24.23	25.00
40	PI/2 BPSK	50	0	23.79	23.95	23.80	24.50
40	PI/2 BPSK	50	28	24.44	24.61	24.46	25.00
40	PI/2 BPSK	50	56	23.95	24.05	23.97	24.50
40	PI/2 BPSK	100	0	23.79	23.97	23.89	24.50
40	QPSK	1	1	24.25	24.39	24.21	25.00
40	QPSK	1	53	24.25	24.35	24.24	25.00
40	QPSK	1	104	24.35	24.52	24.42	25.00
40	QPSK	50	0	23.48	23.57	23.46	24.00
40	QPSK	50	28	24.34	24.48	24.43	25.00
40	QPSK	50	56	23.40	23.57	23.41	24.00
40	QPSK	100	0	23.40	23.49	23.33	24.00
40	16QAM	1	1	23.19	23.39	23.32	24.00
40	64QAM	1	1	21.74	21.84	21.80	22.50
40	256QAM	1	1	19.60	19.73	19.62	20.50
Channel				637668	641666	645666	Tune-up limit
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	24.27	24.39	24.34	25.00
Channel				637334	641666	646000	Tune-up limit
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	24.30	24.34	24.29	25.00
Channel				637168	641666	646166	Tune-up limit
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	24.25	24.37	24.32	25.00
Channel				637000	641666	646332	Tune-up limit
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	24.21	24.31	24.34	25.00

【FR1 n48_Ant10_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	12.52	12.59	12.55	13.50
40	PI/2 BPSK	1	53	12.45	12.54	12.39	13.50
40	PI/2 BPSK	1	104	12.39	12.51	12.41	13.50
40	PI/2 BPSK	50	0	12.35	12.56	12.44	13.50
40	PI/2 BPSK	50	28	12.51	12.57	12.48	13.50
40	PI/2 BPSK	50	56	12.36	12.52	12.46	13.50
40	PI/2 BPSK	100	0	12.37	12.54	12.39	13.50
40	QPSK	1	1	12.33	12.54	12.46	13.50
40	QPSK	1	53	12.29	12.48	12.29	13.50
40	QPSK	1	104	12.37	12.56	12.49	13.50
40	QPSK	50	0	12.28	12.48	12.37	13.50
40	QPSK	50	28	12.44	12.57	12.49	13.50
40	QPSK	50	56	12.39	12.57	12.40	13.50
40	QPSK	100	0	12.41	12.51	12.33	13.50
40	16QAM	1	1	12.30	12.49	12.41	13.50
40	64QAM	1	1	12.37	12.52	12.44	13.50
40	256QAM	1	1	12.37	12.50	12.42	13.50
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	12.40	12.55	12.53	13.50
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	12.39	12.51	12.46	13.50
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	12.49	12.45	12.53	13.50
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	12.39	12.54	12.43	13.50

【FR1 n48_Ant10_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	12.52	12.59	12.55	13.50
40	PI/2 BPSK	1	53	12.45	12.54	12.39	13.50
40	PI/2 BPSK	1	104	12.39	12.51	12.41	13.50
40	PI/2 BPSK	50	0	12.35	12.56	12.44	13.50
40	PI/2 BPSK	50	28	12.51	12.57	12.48	13.50
40	PI/2 BPSK	50	56	12.36	12.52	12.46	13.50
40	PI/2 BPSK	100	0	12.37	12.54	12.39	13.50
40	QPSK	1	1	12.33	12.54	12.46	13.50
40	QPSK	1	53	12.29	12.48	12.29	13.50
40	QPSK	1	104	12.37	12.56	12.49	13.50
40	QPSK	50	0	12.28	12.48	12.37	13.50
40	QPSK	50	28	12.44	12.57	12.49	13.50
40	QPSK	50	56	12.39	12.57	12.40	13.50
40	QPSK	100	0	12.41	12.51	12.33	13.50
40	16QAM	1	1	12.30	12.49	12.41	13.50
40	64QAM	1	1	12.37	12.52	12.44	13.50
40	256QAM	1	1	12.37	12.50	12.42	13.50
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	12.40	12.55	12.53	13.50
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	12.39	12.51	12.46	13.50
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	12.49	12.45	12.53	13.50
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	12.39	12.54	12.43	13.50

【FR1 n48_Ant10_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	16.11	16.13	16.08	17.00
40	PI/2 BPSK	1	53	15.87	15.99	15.90	17.00
40	PI/2 BPSK	1	104	15.86	16.00	15.81	17.00
40	PI/2 BPSK	50	0	15.99	16.03	15.93	17.00
40	PI/2 BPSK	50	28	16.04	16.12	15.99	17.00
40	PI/2 BPSK	50	56	16.03	16.07	15.97	17.00
40	PI/2 BPSK	100	0	15.98	16.05	15.89	17.00
40	QPSK	1	1	15.88	16.05	15.96	17.00
40	QPSK	1	53	15.91	16.05	15.97	17.00
40	QPSK	1	104	15.91	15.96	15.86	17.00
40	QPSK	50	0	15.94	16.02	15.89	17.00
40	QPSK	50	28	15.95	16.00	15.92	17.00
40	QPSK	50	56	15.89	15.99	15.92	17.00
40	QPSK	100	0	15.93	16.03	15.96	17.00
40	16QAM	1	1	15.96	16.01	15.88	17.00
40	64QAM	1	1	15.98	16.03	15.89	17.00
40	256QAM	1	1	15.92	15.97	15.84	17.00
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	16.02	16.09	16.02	17.00
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	16.02	16.04	16.03	17.00
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	16.05	16.02	16.05	17.00
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	16.05	16.01	16.00	17.00

【FR1 n48_Ant10_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	24.33	24.41	24.38	25.00
40	PI/2 BPSK	1	53	24.22	24.36	24.18	25.00
40	PI/2 BPSK	1	104	24.26	24.38	24.23	25.00
40	PI/2 BPSK	50	0	23.79	23.95	23.80	24.50
40	PI/2 BPSK	50	28	24.44	24.61	24.46	25.00
40	PI/2 BPSK	50	56	23.95	24.05	23.97	24.50
40	PI/2 BPSK	100	0	23.79	23.97	23.89	24.50
40	QPSK	1	1	24.25	24.39	24.21	25.00
40	QPSK	1	53	24.25	24.35	24.24	25.00
40	QPSK	1	104	24.35	24.52	24.42	25.00
40	QPSK	50	0	23.48	23.57	23.46	24.00
40	QPSK	50	28	24.34	24.48	24.43	25.00
40	QPSK	50	56	23.40	23.57	23.41	24.00
40	QPSK	100	0	23.40	23.49	23.33	24.00
40	16QAM	1	1	23.19	23.39	23.32	24.00
40	64QAM	1	1	21.74	21.84	21.80	22.50
40	256QAM	1	1	19.60	19.73	19.62	20.50
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	24.27	24.39	24.34	25.00
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	24.30	24.34	24.29	25.00
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	24.25	24.37	24.32	25.00
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	24.21	24.31	24.34	25.00

【FR1 n48__Ant11_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	20.53	20.91	20.55	22.00
40	PI/2 BPSK	1	53	20.20	20.62	20.20	22.00
40	PI/2 BPSK	1	104	20.06	20.56	20.09	22.00
40	PI/2 BPSK	50	0	19.87	20.38	19.91	21.50
40	PI/2 BPSK	50	28	20.31	20.82	20.40	22.00
40	PI/2 BPSK	50	56	19.89	20.32	19.89	21.50
40	PI/2 BPSK	100	0	19.75	20.25	19.84	21.50
40	QPSK	1	1	20.18	20.64	20.23	22.00
40	QPSK	1	53	20.16	20.58	20.12	22.00
40	QPSK	1	104	20.14	20.63	20.22	22.00
40	QPSK	50	0	19.23	19.73	19.30	21.00
40	QPSK	50	28	20.30	20.73	20.36	22.00
40	QPSK	50	56	19.41	19.78	19.41	21.00
40	QPSK	100	0	19.30	19.73	19.35	21.00
40	16QAM	1	1	19.33	19.79	19.35	21.00
40	64QAM	1	1	17.84	18.19	17.82	19.50
40	256QAM	1	1	15.55	15.93	15.60	17.50
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	20.50	20.79	20.48	22.00
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	20.45	20.89	20.42	22.00
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	20.45	20.88	20.45	22.00
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	20.38	20.82	20.52	22.00

【FR1 n48_Ant11_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	13.82	13.85	13.79	15.00
40	PI/2 BPSK	1	53	13.52	13.71	13.61	15.00
40	PI/2 BPSK	1	104	13.62	13.70	13.53	15.00
40	PI/2 BPSK	50	0	13.58	13.76	13.67	15.00
40	PI/2 BPSK	50	28	13.73	13.79	13.75	15.00
40	PI/2 BPSK	50	56	13.59	13.78	13.70	15.00
40	PI/2 BPSK	100	0	13.60	13.75	13.67	15.00
40	QPSK	1	1	13.59	13.69	13.57	15.00
40	QPSK	1	53	13.66	13.75	13.62	15.00
40	QPSK	1	104	13.56	13.67	13.59	15.00
40	QPSK	50	0	13.56	13.70	13.56	15.00
40	QPSK	50	28	13.49	13.68	13.58	15.00
40	QPSK	50	56	13.53	13.69	13.53	15.00
40	QPSK	100	0	13.63	13.76	13.66	15.00
40	16QAM	1	1	13.56	13.76	13.71	15.00
40	64QAM	1	1	13.70	13.78	13.65	15.00
40	256QAM	1	1	13.57	13.75	13.70	15.00
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	13.72	13.69	13.68	15.00
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	13.72	13.66	13.76	15.00
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	13.71	13.69	13.69	15.00
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	13.65	13.77	13.68	15.00

【FR1 n48_Ant11_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	13.82	13.85	13.79	15.00
40	PI/2 BPSK	1	53	13.52	13.71	13.61	15.00
40	PI/2 BPSK	1	104	13.62	13.70	13.53	15.00
40	PI/2 BPSK	50	0	13.58	13.76	13.67	15.00
40	PI/2 BPSK	50	28	13.73	13.79	13.75	15.00
40	PI/2 BPSK	50	56	13.59	13.78	13.70	15.00
40	PI/2 BPSK	100	0	13.60	13.75	13.67	15.00
40	QPSK	1	1	13.59	13.69	13.57	15.00
40	QPSK	1	53	13.66	13.75	13.62	15.00
40	QPSK	1	104	13.56	13.67	13.59	15.00
40	QPSK	50	0	13.56	13.70	13.56	15.00
40	QPSK	50	28	13.49	13.68	13.58	15.00
40	QPSK	50	56	13.53	13.69	13.53	15.00
40	QPSK	100	0	13.63	13.76	13.66	15.00
40	16QAM	1	1	13.56	13.76	13.71	15.00
40	64QAM	1	1	13.70	13.78	13.65	15.00
40	256QAM	1	1	13.57	13.75	13.70	15.00
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	13.72	13.69	13.68	15.00
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	13.72	13.66	13.76	15.00
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	13.71	13.69	13.69	15.00
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	13.65	13.77	13.68	15.00

【FR1 n48_Ant11_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	19.72	19.79	19.69	21.00
40	PI/2 BPSK	1	53	19.51	19.72	19.51	21.00
40	PI/2 BPSK	1	104	19.59	19.75	19.63	21.00
40	PI/2 BPSK	50	0	19.51	19.72	19.58	21.00
40	PI/2 BPSK	50	28	19.69	19.75	19.66	21.00
40	PI/2 BPSK	50	56	19.59	19.72	19.51	21.00
40	PI/2 BPSK	100	0	19.60	19.73	19.62	21.00
40	QPSK	1	1	19.67	19.78	19.61	21.00
40	QPSK	1	53	19.55	19.74	19.62	21.00
40	QPSK	1	104	19.50	19.70	19.54	21.00
40	QPSK	50	0	19.60	19.70	19.53	21.00
40	QPSK	50	28	19.59	19.67	19.56	21.00
40	QPSK	50	56	19.55	19.74	19.55	21.00
40	QPSK	100	0	19.55	19.68	19.48	21.00
40	16QAM	1	1	19.64	19.77	19.54	21.00
40	64QAM	1	1	18.04	18.19	18.03	19.50
40	256QAM	1	1	15.73	15.93	15.77	17.50
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	19.62	19.70	19.62	21.00
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	19.58	19.76	19.67	21.00
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	19.69	19.68	19.55	21.00
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	19.70	19.72	19.66	21.00

【FR1 n48_Ant11_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	20.53	20.91	20.55	22.00
40	PI/2 BPSK	1	53	20.20	20.62	20.20	22.00
40	PI/2 BPSK	1	104	20.06	20.56	20.09	22.00
40	PI/2 BPSK	50	0	19.87	20.38	19.91	21.50
40	PI/2 BPSK	50	28	20.31	20.82	20.40	22.00
40	PI/2 BPSK	50	56	19.89	20.32	19.89	21.50
40	PI/2 BPSK	100	0	19.75	20.25	19.84	21.50
40	QPSK	1	1	20.18	20.64	20.23	22.00
40	QPSK	1	53	20.16	20.58	20.12	22.00
40	QPSK	1	104	20.14	20.63	20.22	22.00
40	QPSK	50	0	19.23	19.73	19.30	21.00
40	QPSK	50	28	20.30	20.73	20.36	22.00
40	QPSK	50	56	19.41	19.78	19.41	21.00
40	QPSK	100	0	19.30	19.73	19.35	21.00
40	16QAM	1	1	19.33	19.79	19.35	21.00
40	64QAM	1	1	17.84	18.19	17.82	19.50
40	256QAM	1	1	15.55	15.93	15.60	17.50
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	20.50	20.79	20.48	22.00
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	20.45	20.89	20.42	22.00
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	20.45	20.88	20.45	22.00
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	20.38	20.82	20.52	22.00

【FR1 n66_Ant4_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	25.35	25.40	25.31	25.70
45	PI/2 BPSK	1	120	25.25	25.32	25.18	25.70
45	PI/2 BPSK	1	240	25.08	25.28	25.06	25.70
45	PI/2 BPSK	120	0	24.78	24.87	24.73	25.20
45	PI/2 BPSK	120	60	25.24	25.36	25.22	25.70
45	PI/2 BPSK	120	120	24.85	24.92	24.80	25.20
45	PI/2 BPSK	240	0	24.09	24.27	24.04	25.20
45	QPSK	1	1	25.19	25.29	25.07	25.70
45	QPSK	1	120	25.14	25.31	25.19	25.70
45	QPSK	1	240	25.09	25.26	25.13	25.70
45	QPSK	120	0	24.14	24.29	24.11	24.70
45	QPSK	120	60	25.08	25.27	25.08	25.70
45	QPSK	120	120	24.18	24.37	24.22	24.70
45	QPSK	240	0	24.31	24.42	24.29	24.70
45	16QAM	1	1	24.17	24.29	24.18	24.70
45	64QAM	1	1	22.59	22.65	22.48	23.20
45	256QAM	1	1	20.71	20.82	20.67	21.20
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	25.27	25.32	25.23	25.70
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	25.32	25.35	25.21	25.70
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	25.23	25.26	25.22	25.70
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	

25	PI/2 BPSK	1	1	25.23	25.26	25.19	25.70
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	25.27	25.28	25.20	25.70
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	25.21	25.29	25.23	25.70
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	25.22	25.27	25.20	25.70
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	25.22	25.26	25.29	25.70

【FR1 n66_Ant4_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	17.15	17.21	17.19	17.70
45	PI/2 BPSK	1	120	16.98	17.11	16.99	17.70
45	PI/2 BPSK	1	240	16.96	17.17	17.08	17.70
45	PI/2 BPSK	120	0	17.04	17.18	17.14	17.70
45	PI/2 BPSK	120	60	17.14	17.19	17.15	17.70
45	PI/2 BPSK	120	120	17.00	17.14	17.07	17.70
45	PI/2 BPSK	240	0	17.03	17.15	17.07	17.70
45	QPSK	1	1	16.98	17.13	17.04	17.70
45	QPSK	1	120	16.97	17.15	17.01	17.70
45	QPSK	1	240	16.87	17.08	17.00	17.70
45	QPSK	120	0	17.02	17.09	16.93	17.70
45	QPSK	120	60	17.04	17.16	17.05	17.70
45	QPSK	120	120	16.94	17.13	17.07	17.70
45	QPSK	240	0	16.93	17.09	16.98	17.70
45	16QAM	1	1	17.01	17.14	17.01	17.70
45	64QAM	1	1	16.98	17.11	16.96	17.70
45	256QAM	1	1	17.00	17.09	16.99	17.70
Channel				346000	349000	352000	Tune-up limit
Frequency (MHz)				1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	17.00	17.16	17.15	17.70
Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	17.14	17.10	17.10	17.70
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	17.12	17.13	17.06	17.70
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	17.13	17.18	17.07	17.70
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	17.09	17.13	17.16	17.70
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	17.11	17.15	17.14	17.70
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	17.02	17.17	17.06	17.70
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	17.10	17.19	17.12	17.70

【FR1 n66_Ant4_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	18.63	18.69	18.65	19.20
45	PI/2 BPSK	1	120	18.46	18.60	18.42	19.20
45	PI/2 BPSK	1	240	18.44	18.64	18.52	19.20
45	PI/2 BPSK	120	0	18.50	18.62	18.55	19.20
45	PI/2 BPSK	120	60	18.59	18.65	18.61	19.20
45	PI/2 BPSK	120	120	18.54	18.63	18.46	19.20
45	PI/2 BPSK	240	0	18.44	18.61	18.53	19.20
45	QPSK	1	1	18.43	18.59	18.48	19.20

45	QPSK	1	120	18.40	18.61	18.47	19.20
45	QPSK	1	240	18.40	18.60	18.47	19.20
45	QPSK	120	0	18.43	18.63	18.46	19.20
45	QPSK	120	60	18.54	18.66	18.51	19.20
45	QPSK	120	120	18.36	18.57	18.47	19.20
45	QPSK	240	0	18.54	18.65	18.48	19.20
45	16QAM	1	1	18.47	18.58	18.43	19.20
45	64QAM	1	1	18.47	18.65	18.57	19.20
45	256QAM	1	1	18.39	18.57	18.42	19.20
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	18.49	18.55	18.58	19.20
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	18.50	18.56	18.55	19.20
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	18.60	18.60	18.55	19.20
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	18.56	18.66	18.50	19.20
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	18.58	18.56	18.61	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	18.58	18.50	19.20
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	18.59	18.67	18.55	19.20
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	18.49	18.56	18.50	19.20

【FR1 n66_Ant4_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	25.35	25.40	25.31	25.70
45	PI/2 BPSK	1	120	25.25	25.32	25.18	25.70
45	PI/2 BPSK	1	240	25.08	25.28	25.06	25.70
45	PI/2 BPSK	120	0	24.78	24.87	24.73	25.20
45	PI/2 BPSK	120	60	25.24	25.36	25.22	25.70
45	PI/2 BPSK	120	120	24.85	24.92	24.80	25.20
45	PI/2 BPSK	240	0	24.09	24.27	24.04	25.20
45	QPSK	1	1	25.19	25.29	25.07	25.70
45	QPSK	1	120	25.14	25.31	25.19	25.70
45	QPSK	1	240	25.09	25.26	25.13	25.70
45	QPSK	120	0	24.14	24.29	24.11	24.70
45	QPSK	120	60	25.08	25.27	25.08	25.70
45	QPSK	120	120	24.18	24.37	24.22	24.70
45	QPSK	240	0	24.31	24.42	24.29	24.70
45	16QAM	1	1	24.17	24.29	24.18	24.70
45	64QAM	1	1	22.59	22.65	22.48	23.20
45	256QAM	1	1	20.71	20.82	20.67	21.20
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	25.27	25.32	25.23	25.70
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	25.32	25.35	25.21	25.70
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	25.23	25.26	25.22	25.70
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	25.23	25.26	25.19	25.70
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	25.27	25.28	25.20	25.70
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	25.21	25.29	25.23	25.70
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	

10	PI/2 BPSK	1	1	25.22	25.27	25.20	25.70
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	25.22	25.26	25.29	25.70

【FR1 n66_Ant4_DS15】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	17.15	17.21	17.19	17.70
45	PI/2 BPSK	1	120	16.98	17.11	16.99	17.70
45	PI/2 BPSK	1	240	16.96	17.17	17.08	17.70
45	PI/2 BPSK	120	0	17.04	17.18	17.14	17.70
45	PI/2 BPSK	120	60	17.14	17.19	17.15	17.70
45	PI/2 BPSK	120	120	17.00	17.14	17.07	17.70
45	PI/2 BPSK	240	0	17.03	17.15	17.07	17.70
45	QPSK	1	1	16.98	17.13	17.04	17.70
45	QPSK	1	120	16.97	17.15	17.01	17.70
45	QPSK	1	240	16.87	17.08	17.00	17.70
45	QPSK	120	0	17.02	17.09	16.93	17.70
45	QPSK	120	60	17.04	17.16	17.05	17.70
45	QPSK	120	120	16.94	17.13	17.07	17.70
45	QPSK	240	0	16.93	17.09	16.98	17.70
45	16QAM	1	1	17.01	17.14	17.01	17.70
45	64QAM	1	1	16.98	17.11	16.96	17.70
45	256QAM	1	1	17.00	17.09	16.99	17.70
Channel				346000	349000	352000	Tune-up limit
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	17.00	17.16	17.15	17.70
Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	17.14	17.10	17.10	17.70
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	17.12	17.13	17.06	17.70
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	17.13	17.18	17.07	17.70
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	17.09	17.13	17.16	17.70
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	17.11	17.15	17.14	17.70
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	17.02	17.17	17.06	17.70
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	17.10	17.19	17.12	17.70

【FR1 n66_Ant5_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	24.43	24.49	24.47	25.00
45	PI/2 BPSK	1	120	24.30	24.43	24.39	25.00
45	PI/2 BPSK	1	240	24.29	24.47	24.35	25.00
45	PI/2 BPSK	120	0	23.80	23.88	23.85	24.50
45	PI/2 BPSK	120	60	24.21	24.36	24.21	25.00
45	PI/2 BPSK	120	120	23.79	23.91	23.83	24.50
45	PI/2 BPSK	240	0	23.87	23.94	23.90	24.50
45	QPSK	1	1	24.16	24.35	24.22	25.00
45	QPSK	1	120	24.35	24.44	24.35	25.00
45	QPSK	1	240	24.33	24.40	24.30	25.00
45	QPSK	120	0	23.27	23.40	23.31	24.00
45	QPSK	120	60	24.34	24.42	24.37	25.00
45	QPSK	120	120	23.29	23.45	23.39	24.00
45	QPSK	240	0	23.31	23.42	23.31	24.00
45	16QAM	1	1	23.19	23.34	23.18	24.00

45	64QAM	1	1	21.62	21.74	21.68	22.50
45	256QAM	1	1	19.57	19.76	19.69	20.50
Channel				346000	349000	352000	Tune-up limit
Frequency (MHz)				1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	24.39	24.36	24.36	25.00
Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	24.28	24.42	24.41	25.00
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	24.33	24.45	24.38	25.00
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	24.33	24.44	24.41	25.00
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	24.36	24.42	24.42	25.00
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	24.39	24.43	24.37	25.00
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	24.38	24.46	24.37	25.00
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	24.29	24.39	24.44	25.00

【FR1 n66_Ant5_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				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	15.18	15.25	15.23	16.00
45	PI/2 BPSK	1	120	15.00	15.19	15.13	16.00
45	PI/2 BPSK	1	240	15.04	15.16	15.08	16.00
45	PI/2 BPSK	120	0	15.11	15.19	15.07	16.00
45	PI/2 BPSK	120	60	15.15	15.23	15.21	16.00
45	PI/2 BPSK	120	120	15.12	15.22	15.17	16.00
45	PI/2 BPSK	240	0	15.12	15.21	15.05	16.00
45	QPSK	1	1	15.09	15.21	15.05	16.00
45	QPSK	1	120	15.01	15.16	15.03	16.00
45	QPSK	1	240	15.09	15.27	15.18	16.00
45	QPSK	120	0	15.01	15.16	15.02	16.00
45	QPSK	120	60	14.96	15.16	15.07	16.00
45	QPSK	120	120	15.07	15.25	15.12	16.00
45	QPSK	240	0	15.06	15.23	15.06	16.00
45	16QAM	1	1	14.98	15.20	15.17	16.00
45	64QAM	1	1	15.13	15.26	15.10	16.00
45	256QAM	1	1	15.12	15.23	15.08	16.00
Channel				346000	349000	352000	Tune-up limit
Frequency (MHz)				1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	15.15	15.17	15.14	16.00
Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	15.10	15.12	15.15	16.00
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	15.09	15.19	15.14	16.00
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	15.15	15.22	15.19	16.00
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	15.13	15.10	15.11	16.00
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	15.16	15.16	15.21	16.00
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	15.09	15.16	15.20	16.00
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	15.13	15.23	15.16	16.00

【FR1 n66_Ant5_DSI3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	17.72	17.79	17.75	18.50
45	PI/2 BPSK	1	120	17.64	17.77	17.66	18.50
45	PI/2 BPSK	1	240	17.57	17.68	17.60	18.50
45	PI/2 BPSK	120	0	17.61	17.72	17.66	18.50
45	PI/2 BPSK	120	60	17.67	17.75	17.68	18.50
45	PI/2 BPSK	120	120	17.62	17.70	17.64	18.50
45	PI/2 BPSK	240	0	17.61	17.73	17.59	18.50
45	QPSK	1	1	17.58	17.69	17.56	18.50
45	QPSK	1	120	17.59	17.69	17.60	18.50
45	QPSK	1	240	17.66	17.74	17.67	18.50
45	QPSK	120	0	17.47	17.69	17.50	18.50
45	QPSK	120	60	17.55	17.69	17.61	18.50
45	QPSK	120	120	17.51	17.68	17.53	18.50
45	QPSK	240	0	17.62	17.77	17.61	18.50
45	16QAM	1	1	17.57	17.66	17.50	18.50
45	64QAM	1	1	17.49	17.69	17.62	18.50
45	256QAM	1	1	17.56	17.72	17.55	18.50
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	17.63	17.67	17.67	18.50
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	17.65	17.71	17.61	18.50
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	17.61	17.72	17.74	18.50
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	17.66	17.72	17.67	18.50
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	17.62	17.71	17.71	18.50
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	17.64	17.77	17.64	18.50
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	17.61	17.66	17.66	18.50
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	17.62	17.74	17.68	18.50

【FR1 n66_Ant5_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	24.43	24.49	24.47	25.00
45	PI/2 BPSK	1	120	24.30	24.43	24.39	25.00
45	PI/2 BPSK	1	240	24.29	24.47	24.35	25.00
45	PI/2 BPSK	120	0	23.80	23.88	23.85	24.50
45	PI/2 BPSK	120	60	24.21	24.36	24.21	25.00
45	PI/2 BPSK	120	120	23.79	23.91	23.83	24.50
45	PI/2 BPSK	240	0	23.87	23.94	23.90	24.50
45	QPSK	1	1	24.16	24.35	24.22	25.00
45	QPSK	1	120	24.35	24.44	24.35	25.00
45	QPSK	1	240	24.33	24.40	24.30	25.00
45	QPSK	120	0	23.27	23.40	23.31	24.00
45	QPSK	120	60	24.34	24.42	24.37	25.00
45	QPSK	120	120	23.29	23.45	23.39	24.00
45	QPSK	240	0	23.31	23.42	23.31	24.00
45	16QAM	1	1	23.19	23.34	23.18	24.00
45	64QAM	1	1	21.62	21.74	21.68	22.50
45	256QAM	1	1	19.57	19.76	19.69	20.50
Channel				346000	349000	352000	Tune-up limit

		Frequency (MHz)		1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	24.39	24.36	24.36	25.00
	Channel			345500	349000	352500	Tune-up limit
		Frequency (MHz)		1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	24.28	24.42	24.41	25.00
	Channel			345000	349000	353000	Tune-up limit
		Frequency (MHz)		1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	24.33	24.45	24.38	25.00
	Channel			344500	349000	353500	Tune-up limit
		Frequency (MHz)		1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	24.33	24.44	24.41	25.00
	Channel			344000	349000	354000	Tune-up limit
		Frequency (MHz)		1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	24.36	24.42	24.42	25.00
	Channel			343500	349000	354500	Tune-up limit
		Frequency (MHz)		1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	24.39	24.43	24.37	25.00
	Channel			343000	349000	355000	Tune-up limit
		Frequency (MHz)		1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	24.38	24.46	24.37	25.00
	Channel			342500	349000	355500	Tune-up limit
		Frequency (MHz)		1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	24.29	24.39	24.44	25.00

【FR1 n66_Ant5_DSI5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel			346500	349000	351500	
		Frequency (MHz)		1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	15.18	15.25	15.23	16.00
45	PI/2 BPSK	1	120	15.00	15.19	15.13	16.00
45	PI/2 BPSK	1	240	15.04	15.16	15.08	16.00
45	PI/2 BPSK	120	0	15.11	15.19	15.07	16.00
45	PI/2 BPSK	120	60	15.15	15.23	15.21	16.00
45	PI/2 BPSK	120	120	15.12	15.22	15.17	16.00
45	PI/2 BPSK	240	0	15.12	15.21	15.05	16.00
45	QPSK	1	1	15.09	15.21	15.05	16.00
45	QPSK	1	120	15.01	15.16	15.03	16.00
45	QPSK	1	240	15.09	15.27	15.18	16.00
45	QPSK	120	0	15.01	15.16	15.02	16.00
45	QPSK	120	60	14.96	15.16	15.07	16.00
45	QPSK	120	120	15.07	15.25	15.12	16.00
45	QPSK	240	0	15.06	15.23	15.06	16.00
45	16QAM	1	1	14.98	15.20	15.17	16.00
45	64QAM	1	1	15.13	15.26	15.10	16.00
45	256QAM	1	1	15.12	15.23	15.08	16.00
	Channel			346000	349000	352000	Tune-up limit
		Frequency (MHz)		1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	15.15	15.17	15.14	16.00
	Channel			345500	349000	352500	Tune-up limit
		Frequency (MHz)		1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	15.10	15.12	15.15	16.00
	Channel			345000	349000	353000	Tune-up limit
		Frequency (MHz)		1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	15.09	15.19	15.14	16.00
	Channel			344500	349000	353500	Tune-up limit
		Frequency (MHz)		1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	15.15	15.22	15.19	16.00
	Channel			344000	349000	354000	Tune-up limit
		Frequency (MHz)		1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	15.13	15.10	15.11	16.00
	Channel			343500	349000	354500	Tune-up limit
		Frequency (MHz)		1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	15.16	15.16	15.21	16.00
	Channel			343000	349000	355000	Tune-up limit
		Frequency (MHz)		1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	15.09	15.16	15.20	16.00
	Channel			342500	349000	355500	Tune-up limit
		Frequency (MHz)		1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	15.13	15.23	15.16	16.00

【FR1 n66_Ant6_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	24.59	24.72	24.58	25.50
45	PI/2 BPSK	1	120	24.49	24.68	24.47	25.50
45	PI/2 BPSK	1	240	24.43	24.68	24.42	25.50
45	PI/2 BPSK	120	0	23.79	24.04	23.79	25.00
45	PI/2 BPSK	120	60	24.50	24.65	24.42	25.50
45	PI/2 BPSK	120	120	24.02	24.18	24.03	25.00
45	PI/2 BPSK	240	0	24.02	24.18	23.94	25.00
45	QPSK	1	1	24.33	24.54	24.29	25.50
45	QPSK	1	120	24.58	24.73	24.52	25.50
45	QPSK	1	240	24.31	24.56	24.39	25.50
45	QPSK	120	0	23.35	23.60	23.42	24.50
45	QPSK	120	60	24.50	24.70	24.43	25.50
45	QPSK	120	120	23.56	23.73	23.53	24.50
45	QPSK	240	0	23.44	23.59	23.34	24.50
45	16QAM	1	1	23.37	23.52	23.30	24.50
45	64QAM	1	1	21.78	21.99	21.77	23.00
45	256QAM	1	1	19.80	19.93	19.77	21.00
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	24.57	24.70	24.51	25.50
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	24.47	24.62	24.50	25.50
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	24.49	24.66	24.53	25.50
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	24.48	24.65	24.49	25.50
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	24.47	24.71	24.51	25.50
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	24.45	24.58	24.51	25.50
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	24.56	24.61	24.47	25.50
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	24.51	24.65	24.53	25.50

【FR1 n66_Ant6_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	24.59	24.72	24.58	25.50
45	PI/2 BPSK	1	120	24.49	24.68	24.47	25.50
45	PI/2 BPSK	1	240	24.43	24.68	24.42	25.50
45	PI/2 BPSK	120	0	23.79	24.04	23.79	25.00
45	PI/2 BPSK	120	60	24.50	24.65	24.42	25.50
45	PI/2 BPSK	120	120	24.02	24.18	24.03	25.00
45	PI/2 BPSK	240	0	24.02	24.18	23.94	25.00
45	QPSK	1	1	24.33	24.54	24.29	25.50
45	QPSK	1	120	24.58	24.73	24.52	25.50
45	QPSK	1	240	24.31	24.56	24.39	25.50
45	QPSK	120	0	23.35	23.60	23.42	24.50
45	QPSK	120	60	24.50	24.70	24.43	25.50
45	QPSK	120	120	23.56	23.73	23.53	24.50
45	QPSK	240	0	23.44	23.59	23.34	24.50
45	16QAM	1	1	23.37	23.52	23.30	24.50
45	64QAM	1	1	21.78	21.99	21.77	23.00
45	256QAM	1	1	19.80	19.93	19.77	21.00
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	24.57	24.70	24.51	25.50

Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	24.47	24.62	24.50	25.50
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	24.49	24.66	24.53	25.50
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	24.48	24.65	24.49	25.50
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	24.47	24.71	24.51	25.50
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	24.45	24.58	24.51	25.50
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	24.56	24.61	24.47	25.50
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	24.51	24.65	24.53	25.50

【FR1 n66_Ant6_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	19.08	19.10	19.03	20.00
45	PI/2 BPSK	1	120	18.99	19.05	18.90	20.00
45	PI/2 BPSK	1	240	18.88	18.96	18.76	20.00
45	PI/2 BPSK	120	0	18.96	19.03	18.92	20.00
45	PI/2 BPSK	120	60	18.98	19.06	19.03	20.00
45	PI/2 BPSK	120	120	18.82	18.99	18.82	20.00
45	PI/2 BPSK	240	0	18.90	19.05	18.89	20.00
45	QPSK	1	1	18.96	19.01	18.84	20.00
45	QPSK	1	120	18.84	18.97	18.88	20.00
45	QPSK	1	240	18.91	18.99	18.80	20.00
45	QPSK	120	0	18.92	18.98	18.83	20.00
45	QPSK	120	60	18.98	19.06	18.86	20.00
45	QPSK	120	120	18.89	18.97	18.86	20.00
45	QPSK	240	0	18.93	19.04	18.83	20.00
45	16QAM	1	1	18.91	18.97	18.77	20.00
45	64QAM	1	1	18.94	19.04	18.92	20.00
45	256QAM	1	1	18.83	18.99	18.88	20.00
Channel				346000	349000	352000	Tune-up limit
Frequency (MHz)				1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	19.02	19.09	18.96	20.00
Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	18.99	19.02	18.98	20.00
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	19.06	18.98	18.95	20.00
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	19.04	19.04	18.93	20.00
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	18.99	19.05	18.93	20.00
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	19.04	19.06	18.88	20.00
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	18.98	18.98	18.90	20.00
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	19.01	19.01	18.97	20.00

【FR1 n66_Ant6_DSI4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	19.08	19.10	19.03	20.00
45	PI/2 BPSK	1	120	18.99	19.05	18.90	20.00
45	PI/2 BPSK	1	240	18.88	18.96	18.76	20.00
45	PI/2 BPSK	120	0	18.96	19.03	18.92	20.00
45	PI/2 BPSK	120	60	18.98	19.06	19.03	20.00
45	PI/2 BPSK	120	120	18.82	18.99	18.82	20.00
45	PI/2 BPSK	240	0	18.90	19.05	18.89	20.00
45	QPSK	1	1	18.96	19.01	18.84	20.00
45	QPSK	1	120	18.84	18.97	18.88	20.00
45	QPSK	1	240	18.91	18.99	18.80	20.00
45	QPSK	120	0	18.92	18.98	18.83	20.00
45	QPSK	120	60	18.98	19.06	18.86	20.00
45	QPSK	120	120	18.89	18.97	18.86	20.00
45	QPSK	240	0	18.93	19.04	18.83	20.00
45	16QAM	1	1	18.91	18.97	18.77	20.00
45	64QAM	1	1	18.94	19.04	18.92	20.00
45	256QAM	1	1	18.83	18.99	18.88	20.00
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	19.02	19.09	18.96	20.00
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	18.99	19.02	18.98	20.00
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	19.06	18.98	18.95	20.00
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	19.04	19.04	18.93	20.00
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	18.99	19.05	18.93	20.00
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	19.04	19.06	18.88	20.00
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	18.98	18.98	18.90	20.00
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	19.01	19.01	18.97	20.00

【FR1 n66_Ant6_DSI5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	19.08	19.10	19.03	20.00
45	PI/2 BPSK	1	120	18.99	19.05	18.90	20.00
45	PI/2 BPSK	1	240	18.88	18.96	18.76	20.00
45	PI/2 BPSK	120	0	18.96	19.03	18.92	20.00
45	PI/2 BPSK	120	60	18.98	19.06	19.03	20.00
45	PI/2 BPSK	120	120	18.82	18.99	18.82	20.00
45	PI/2 BPSK	240	0	18.90	19.05	18.89	20.00
45	QPSK	1	1	18.96	19.01	18.84	20.00
45	QPSK	1	120	18.84	18.97	18.88	20.00
45	QPSK	1	240	18.91	18.99	18.80	20.00
45	QPSK	120	0	18.92	18.98	18.83	20.00
45	QPSK	120	60	18.98	19.06	18.86	20.00
45	QPSK	120	120	18.89	18.97	18.86	20.00
45	QPSK	240	0	18.93	19.04	18.83	20.00
45	16QAM	1	1	18.91	18.97	18.77	20.00
45	64QAM	1	1	18.94	19.04	18.92	20.00
45	256QAM	1	1	18.83	18.99	18.88	20.00
Channel				346000	349000	352000	Tune-up limit

	Frequency (MHz)			1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	19.02	19.09	18.96	20.00
	Channel			345500	349000	352500	Tune-up limit
	Frequency (MHz)			1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	18.99	19.02	18.98	20.00
	Channel			345000	349000	353000	Tune-up limit
	Frequency (MHz)			1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	19.06	18.98	18.95	20.00
	Channel			344500	349000	353500	Tune-up limit
	Frequency (MHz)			1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	19.04	19.04	18.93	20.00
	Channel			344000	349000	354000	Tune-up limit
	Frequency (MHz)			1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	18.99	19.05	18.93	20.00
	Channel			343500	349000	354500	Tune-up limit
	Frequency (MHz)			1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	19.04	19.06	18.88	20.00
	Channel			343000	349000	355000	Tune-up limit
	Frequency (MHz)			1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	18.98	18.98	18.90	20.00
	Channel			342500	349000	355500	Tune-up limit
	Frequency (MHz)			1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	19.01	19.01	18.97	20.00

【FR1 n66_Ant7_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	24.01	24.09	23.96	24.50
45	PI/2 BPSK	1	120	23.93	24.04	23.79	24.50
45	PI/2 BPSK	1	240	23.83	24.01	23.84	24.50
45	PI/2 BPSK	120	0	23.20	23.40	23.21	24.00
45	PI/2 BPSK	120	60	23.71	23.83	23.59	24.50
45	PI/2 BPSK	120	120	23.18	23.41	23.21	24.00
45	PI/2 BPSK	240	0	23.19	23.40	23.13	24.00
45	QPSK	1	1	23.68	23.81	23.54	24.50
45	QPSK	1	120	23.83	23.96	23.72	24.50
45	QPSK	1	240	23.74	23.85	23.62	24.50
45	QPSK	120	0	22.70	22.85	22.66	23.50
45	QPSK	120	60	23.90	23.99	23.73	24.50
45	QPSK	120	120	22.82	23.01	22.75	23.50
45	QPSK	240	0	22.75	22.86	22.64	23.50
45	16QAM	1	1	22.62	22.81	22.61	23.50
45	64QAM	1	1	21.06	21.21	21.05	22.00
45	256QAM	1	1	19.07	19.18	18.99	20.00
	Channel			346000	349000	352000	Tune-up limit
	Frequency (MHz)			1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	23.99	23.96	23.83	24.50
	Channel			345500	349000	352500	Tune-up limit
	Frequency (MHz)			1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	23.95	24.05	23.92	24.50
	Channel			345000	349000	353000	Tune-up limit
	Frequency (MHz)			1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	23.92	24.06	23.81	24.50
	Channel			344500	349000	353500	Tune-up limit
	Frequency (MHz)			1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	23.93	23.98	23.81	24.50
	Channel			344000	349000	354000	Tune-up limit
	Frequency (MHz)			1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	23.95	24.08	23.85	24.50
	Channel			343500	349000	354500	Tune-up limit
	Frequency (MHz)			1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	23.98	24.05	23.92	24.50
	Channel			343000	349000	355000	Tune-up limit
	Frequency (MHz)			1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	23.93	24.04	23.88	24.50
	Channel			342500	349000	355500	Tune-up limit
	Frequency (MHz)			1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	23.90	23.98	23.94	24.50

【FR1 n66_Ant7_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				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	17.22	17.29	17.25	18.00
45	PI/2 BPSK	1	120	17.08	17.24	17.14	18.00
45	PI/2 BPSK	1	240	17.15	17.23	17.12	18.00
45	PI/2 BPSK	120	0	17.03	17.24	17.18	18.00
45	PI/2 BPSK	120	60	17.18	17.25	17.21	18.00
45	PI/2 BPSK	120	120	17.08	17.22	17.09	18.00
45	PI/2 BPSK	240	0	17.05	17.21	17.12	18.00
45	QPSK	1	1	17.08	17.23	17.12	18.00
45	QPSK	1	120	16.98	17.15	17.03	18.00
45	QPSK	1	240	17.14	17.27	17.13	18.00
45	QPSK	120	0	17.11	17.23	17.05	18.00
45	QPSK	120	60	17.07	17.16	17.03	18.00
45	QPSK	120	120	17.04	17.15	17.01	18.00
45	QPSK	240	0	17.08	17.27	17.12	18.00
45	16QAM	1	1	17.12	17.25	17.15	18.00
45	64QAM	1	1	17.10	17.19	17.03	18.00
45	256QAM	1	1	17.01	17.22	17.05	18.00
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	17.15	17.26	17.17	18.00
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	17.21	17.27	17.15	18.00
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	17.19	17.18	17.11	18.00
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	17.08	17.26	17.21	18.00
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	17.20	17.18	17.23	18.00
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	17.11	17.25	17.22	18.00
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	17.20	17.20	17.22	18.00
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	17.10	17.22	17.18	18.00

【FR1 n66_Ant7_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	17.83	17.88	17.85	18.50
45	PI/2 BPSK	1	120	17.66	17.75	17.68	18.50
45	PI/2 BPSK	1	240	17.64	17.78	17.63	18.50
45	PI/2 BPSK	120	0	17.76	17.83	17.65	18.50
45	PI/2 BPSK	120	60	17.79	17.85	17.78	18.50
45	PI/2 BPSK	120	120	17.61	17.81	17.74	18.50
45	PI/2 BPSK	240	0	17.63	17.83	17.68	18.50
45	QPSK	1	1	17.68	17.75	17.59	18.50
45	QPSK	1	120	17.73	17.81	17.65	18.50
45	QPSK	1	240	17.64	17.84	17.73	18.50
45	QPSK	120	0	17.68	17.84	17.79	18.50
45	QPSK	120	60	17.73	17.79	17.72	18.50
45	QPSK	120	120	17.69	17.86	17.72	18.50
45	QPSK	240	0	17.67	17.83	17.73	18.50
45	16QAM	1	1	17.62	17.79	17.65	18.50
45	64QAM	1	1	17.72	17.82	17.66	18.50
45	256QAM	1	1	17.60	17.75	17.67	18.50
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	17.69	17.73	17.72	18.50
Channel				345500	349000	352500	Tune-up limit (dBm)

	Frequency (MHz)			1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	17.78	17.77	17.84	18.50
	Channel			345000	349000	353000	Tune-up limit
	Frequency (MHz)			1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	17.79	17.82	17.72	18.50
	Channel			344500	349000	353500	Tune-up limit
	Frequency (MHz)			1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	17.70	17.80	17.70	18.50
	Channel			344000	349000	354000	Tune-up limit
	Frequency (MHz)			1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	17.76	17.85	17.71	18.50
	Channel			343500	349000	354500	Tune-up limit
	Frequency (MHz)			1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	17.78	17.78	17.71	18.50
	Channel			343000	349000	355000	Tune-up limit
	Frequency (MHz)			1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	17.75	17.73	17.82	18.50
	Channel			342500	349000	355500	Tune-up limit
	Frequency (MHz)			1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	17.78	17.81	17.83	18.50

【FR1 n66_Ant7_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	17.83	17.88	17.85	18.50
45	PI/2 BPSK	1	120	17.66	17.75	17.68	18.50
45	PI/2 BPSK	1	240	17.64	17.78	17.63	18.50
45	PI/2 BPSK	120	0	17.76	17.83	17.65	18.50
45	PI/2 BPSK	120	60	17.79	17.85	17.78	18.50
45	PI/2 BPSK	120	120	17.61	17.81	17.74	18.50
45	PI/2 BPSK	240	0	17.63	17.83	17.68	18.50
45	QPSK	1	1	17.68	17.75	17.59	18.50
45	QPSK	1	120	17.73	17.81	17.65	18.50
45	QPSK	1	240	17.64	17.84	17.73	18.50
45	QPSK	120	0	17.68	17.84	17.79	18.50
45	QPSK	120	60	17.73	17.79	17.72	18.50
45	QPSK	120	120	17.69	17.86	17.72	18.50
45	QPSK	240	0	17.67	17.83	17.73	18.50
45	16QAM	1	1	17.62	17.79	17.65	18.50
45	64QAM	1	1	17.72	17.82	17.66	18.50
45	256QAM	1	1	17.60	17.75	17.67	18.50
	Channel			346000	349000	352000	Tune-up limit
	Frequency (MHz)			1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	17.69	17.73	17.72	18.50
	Channel			345500	349000	352500	Tune-up limit
	Frequency (MHz)			1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	17.78	17.77	17.84	18.50
	Channel			345000	349000	353000	Tune-up limit
	Frequency (MHz)			1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	17.79	17.82	17.72	18.50
	Channel			344500	349000	353500	Tune-up limit
	Frequency (MHz)			1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	17.70	17.80	17.70	18.50
	Channel			344000	349000	354000	Tune-up limit
	Frequency (MHz)			1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	17.76	17.85	17.71	18.50
	Channel			343500	349000	354500	Tune-up limit
	Frequency (MHz)			1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	17.78	17.78	17.71	18.50
	Channel			343000	349000	355000	Tune-up limit
	Frequency (MHz)			1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	17.75	17.73	17.82	18.50
	Channel			342500	349000	355500	Tune-up limit
	Frequency (MHz)			1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	17.78	17.81	17.83	18.50

【FR1 n66_Ant7_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	17.22	17.29	17.25	18.00
45	PI/2 BPSK	1	120	17.08	17.24	17.14	18.00
45	PI/2 BPSK	1	240	17.15	17.23	17.12	18.00
45	PI/2 BPSK	120	0	17.03	17.24	17.18	18.00
45	PI/2 BPSK	120	60	17.18	17.25	17.21	18.00
45	PI/2 BPSK	120	120	17.08	17.22	17.09	18.00
45	PI/2 BPSK	240	0	17.05	17.21	17.12	18.00
45	QPSK	1	1	17.08	17.23	17.12	18.00
45	QPSK	1	120	16.98	17.15	17.03	18.00
45	QPSK	1	240	17.14	17.27	17.13	18.00
45	QPSK	120	0	17.11	17.23	17.05	18.00
45	QPSK	120	60	17.07	17.16	17.03	18.00
45	QPSK	120	120	17.04	17.15	17.01	18.00
45	QPSK	240	0	17.08	17.27	17.12	18.00
45	16QAM	1	1	17.12	17.25	17.15	18.00
45	64QAM	1	1	17.10	17.19	17.03	18.00
45	256QAM	1	1	17.01	17.22	17.05	18.00
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	17.15	17.26	17.17	18.00
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	17.21	17.27	17.15	18.00
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	17.19	17.18	17.11	18.00
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	17.08	17.26	17.21	18.00
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	17.20	17.18	17.23	18.00
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	17.11	17.25	17.22	18.00
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	17.20	17.20	17.22	18.00
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	17.10	17.22	17.18	18.00

【FR1 n71_Ant0_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		24.14		25.00
35	PI/2 BPSK	1	90		24.04		25.00
35	PI/2 BPSK	1	186		23.96		25.00
35	PI/2 BPSK	90	0		23.69		24.50
35	PI/2 BPSK	90	45		24.13		25.00
35	PI/2 BPSK	90	90		23.54		24.50
35	PI/2 BPSK	180	0		23.72		24.50
35	QPSK	1	1		24.07		25.00
35	QPSK	1	90		23.87		25.00
35	QPSK	1	186		24.05		25.00
35	QPSK	90	0		23.59		24.00
35	QPSK	90	45		23.91		25.00
35	QPSK	90	90		23.70		24.00
35	QPSK	180	0		23.48		24.00
35	16QAM	1	1		23.64		24.00
35	64QAM	1	1		21.60		22.50
35	256QAM	1	1		19.59		20.50
Channel				135600	136100	136600	Tune-up limit (dBm)
Frequency (MHz)				678	680.5	683	
30	PI/2 BPSK	1	1	24.12	24.10	24.07	25.00
Channel				135100	136100	137100	Tune-up limit (dBm)
Frequency (MHz)				675.5	680.5	685.5	
25	PI/2 BPSK	1	1	24.00	24.07	23.98	25.00
Channel				134600	136100	137600	Tune-up limit (dBm)
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	24.05	24.03	23.97	25.00
Channel				134100	136100	138100	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	24.05	24.05	24.04	25.00
Channel				133600	136100	138600	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	24.08	23.98	24.04	25.00
Channel				133100	136100	139100	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	24.06	23.99	24.02	25.00

【FR1 n71_Ant0_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		24.14		25.00
35	PI/2 BPSK	1	90		24.04		25.00
35	PI/2 BPSK	1	186		23.96		25.00
35	PI/2 BPSK	90	0		23.69		24.50
35	PI/2 BPSK	90	45		24.13		25.00
35	PI/2 BPSK	90	90		23.54		24.50
35	PI/2 BPSK	180	0		23.72		24.50
35	QPSK	1	1		24.07		25.00
35	QPSK	1	90		23.87		25.00
35	QPSK	1	186		24.05		25.00
35	QPSK	90	0		23.59		24.00
35	QPSK	90	45		23.91		25.00
35	QPSK	90	90		23.70		24.00
35	QPSK	180	0		23.48		24.00
35	16QAM	1	1		23.64		24.00
35	64QAM	1	1		21.60		22.50
35	256QAM	1	1		19.59		20.50
Channel				135600	136100	136600	Tune-up limit (dBm)
Frequency (MHz)				678	680.5	683	
30	PI/2 BPSK	1	1	24.12	24.10	24.07	25.00
Channel				135100	136100	137100	Tune-up limit (dBm)
Frequency (MHz)				675.5	680.5	685.5	
25	PI/2 BPSK	1	1	24.00	24.07	23.98	25.00
Channel				134600	136100	137600	Tune-up limit (dBm)
Frequency (MHz)				673	680.5	688	

20	PI/2 BPSK	1	1	24.05	24.03	23.97	25.00
Channel				134100	136100	138100	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	24.05	24.05	24.04	25.00
Channel				133600	136100	138600	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	24.08	23.98	24.04	25.00
Channel				133100	136100	139100	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	24.06	23.99	24.02	25.00

【FR1 n71_Ant0_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		Tune-up limit (dBm)
Frequency (MHz)					680.5		
35	PI/2 BPSK	1	1		24.14		25.00
35	PI/2 BPSK	1	90		24.04		25.00
35	PI/2 BPSK	1	186		23.96		25.00
35	PI/2 BPSK	90	0		23.69		24.50
35	PI/2 BPSK	90	45		24.13		25.00
35	PI/2 BPSK	90	90		23.54		24.50
35	PI/2 BPSK	180	0		23.72		24.50
35	QPSK	1	1		24.07		25.00
35	QPSK	1	90		23.87		25.00
35	QPSK	1	186		24.05		25.00
35	QPSK	90	0		23.59		24.00
35	QPSK	90	45		23.91		25.00
35	QPSK	90	90		23.70		24.00
35	QPSK	180	0		23.48		24.00
35	16QAM	1	1		23.64		24.00
35	64QAM	1	1		21.60		22.50
35	256QAM	1	1		19.59		20.50
Channel				135600	136100	136600	Tune-up limit (dBm)
Frequency (MHz)				678	680.5	683	
30	PI/2 BPSK	1	1	24.12	24.10	24.07	25.00
Channel				135100	136100	137100	Tune-up limit (dBm)
Frequency (MHz)				675.5	680.5	685.5	
25	PI/2 BPSK	1	1	24.00	24.07	23.98	25.00
Channel				134600	136100	137600	Tune-up limit (dBm)
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	24.05	24.03	23.97	25.00
Channel				134100	136100	138100	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	24.05	24.05	24.04	25.00
Channel				133600	136100	138600	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	24.08	23.98	24.04	25.00
Channel				133100	136100	139100	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	24.06	23.99	24.02	25.00

【FR1 n71_Ant0_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		Tune-up limit (dBm)
Frequency (MHz)					680.5		
35	PI/2 BPSK	1	1		24.14		25.00
35	PI/2 BPSK	1	90		24.04		25.00
35	PI/2 BPSK	1	186		23.96		25.00
35	PI/2 BPSK	90	0		23.69		24.50
35	PI/2 BPSK	90	45		24.13		25.00
35	PI/2 BPSK	90	90		23.54		24.50
35	PI/2 BPSK	180	0		23.72		24.50
35	QPSK	1	1		24.07		25.00
35	QPSK	1	90		23.87		25.00
35	QPSK	1	186		24.05		25.00
35	QPSK	90	0		23.59		24.00
35	QPSK	90	45		23.91		25.00

35	QPSK	90	90		23.70		24.00
35	QPSK	180	0		23.48		24.00
35	16QAM	1	1		23.64		24.00
35	64QAM	1	1		21.60		22.50
35	256QAM	1	1		19.59		20.50
Channel				135600	136100	136600	Tune-up limit
Frequency (MHz)				678	680.5	683	(dBm)
30	PI/2 BPSK	1	1	24.12	24.10	24.07	25.00
Channel				135100	136100	137100	Tune-up limit
Frequency (MHz)				675.5	680.5	685.5	(dBm)
25	PI/2 BPSK	1	1	24.00	24.07	23.98	25.00
Channel				134600	136100	137600	Tune-up limit
Frequency (MHz)				673	680.5	688	(dBm)
20	PI/2 BPSK	1	1	24.05	24.03	23.97	25.00
Channel				134100	136100	138100	Tune-up limit
Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	PI/2 BPSK	1	1	24.05	24.05	24.04	25.00
Channel				133600	136100	138600	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	PI/2 BPSK	1	1	24.08	23.98	24.04	25.00
Channel				133100	136100	139100	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	PI/2 BPSK	1	1	24.06	23.99	24.02	25.00

【FR1 n71_Ant0_DS15】

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		24.14		25.00
35	PI/2 BPSK	1	90		24.04		25.00
35	PI/2 BPSK	1	186		23.96		25.00
35	PI/2 BPSK	90	0		23.69		24.50
35	PI/2 BPSK	90	45		24.13		25.00
35	PI/2 BPSK	90	90		23.54		24.50
35	PI/2 BPSK	180	0		23.72		24.50
35	QPSK	1	1		24.07		25.00
35	QPSK	1	90		23.87		25.00
35	QPSK	1	186		24.05		25.00
35	QPSK	90	0		23.59		24.00
35	QPSK	90	45		23.91		25.00
35	QPSK	90	90		23.70		24.00
35	QPSK	180	0		23.48		24.00
35	16QAM	1	1		23.64		24.00
35	64QAM	1	1		21.60		22.50
35	256QAM	1	1		19.59		20.50
Channel				135600	136100	136600	Tune-up limit
Frequency (MHz)				678	680.5	683	(dBm)
30	PI/2 BPSK	1	1	24.12	24.10	24.07	25.00
Channel				135100	136100	137100	Tune-up limit
Frequency (MHz)				675.5	680.5	685.5	(dBm)
25	PI/2 BPSK	1	1	24.00	24.07	23.98	25.00
Channel				134600	136100	137600	Tune-up limit
Frequency (MHz)				673	680.5	688	(dBm)
20	PI/2 BPSK	1	1	24.05	24.03	23.97	25.00
Channel				134100	136100	138100	Tune-up limit
Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	PI/2 BPSK	1	1	24.05	24.05	24.04	25.00
Channel				133600	136100	138600	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	PI/2 BPSK	1	1	24.08	23.98	24.04	25.00
Channel				133100	136100	139100	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	PI/2 BPSK	1	1	24.06	23.99	24.02	25.00

【FR1 n71_Ant1_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		24.22		25.00
35	PI/2 BPSK	1	90		24.19		25.00
35	PI/2 BPSK	1	186		24.14		25.00
35	PI/2 BPSK	90	0		23.94		24.50
35	PI/2 BPSK	90	45		24.12		25.00
35	PI/2 BPSK	90	90		23.74		24.50
35	PI/2 BPSK	180	0		23.73		24.50
35	QPSK	1	1		24.16		25.00
35	QPSK	1	90		24.11		25.00
35	QPSK	1	186		24.10		25.00
35	QPSK	90	0		23.25		24.00
35	QPSK	90	45		23.98		25.00
35	QPSK	90	90		23.25		24.00
35	QPSK	180	0		23.31		24.00
35	16QAM	1	1		23.22		24.00
35	64QAM	1	1		21.78		22.50
35	256QAM	1	1		19.82		20.50
Channel				135600	136100	136600	Tune-up limit
Frequency (MHz)				678	680.5	683	(dBm)
30	PI/2 BPSK	1	1	24.15	24.20	24.16	25.00
Channel				135100	136100	137100	Tune-up limit
Frequency (MHz)				675.5	680.5	685.5	(dBm)
25	PI/2 BPSK	1	1	24.14	24.16	24.15	25.00
Channel				134600	136100	137600	Tune-up limit
Frequency (MHz)				673	680.5	688	(dBm)
20	PI/2 BPSK	1	1	24.21	24.14	24.12	25.00
Channel				134100	136100	138100	Tune-up limit
Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	PI/2 BPSK	1	1	24.20	24.11	24.14	25.00
Channel				133600	136100	138600	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	PI/2 BPSK	1	1	24.18	24.11	24.19	25.00
Channel				133100	136100	139100	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	PI/2 BPSK	1	1	24.15	24.17	24.10	25.00

【FR1 n71_Ant1_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		21.98		23.00
35	PI/2 BPSK	1	90		21.94		23.00
35	PI/2 BPSK	1	186		21.85		23.00
35	PI/2 BPSK	90	0		21.83		23.00
35	PI/2 BPSK	90	45		21.95		23.00
35	PI/2 BPSK	90	90		21.86		23.00
35	PI/2 BPSK	180	0		21.93		23.00
35	QPSK	1	1		21.89		23.00
35	QPSK	1	90		21.89		23.00
35	QPSK	1	186		21.87		23.00
35	QPSK	90	0		21.87		23.00
35	QPSK	90	45		21.92		23.00
35	QPSK	90	90		21.90		23.00
35	QPSK	180	0		21.89		23.00
35	16QAM	1	1		21.87		23.00
35	64QAM	1	1		21.78		22.50
35	256QAM	1	1		19.82		20.50
Channel				135600	136100	136600	Tune-up limit
Frequency (MHz)				678	680.5	683	(dBm)
30	PI/2 BPSK	1	1	21.92	21.97	21.94	23.00
Channel				135100	136100	137100	Tune-up limit
Frequency (MHz)				675.5	680.5	685.5	(dBm)
25	PI/2 BPSK	1	1	21.90	21.91	21.82	23.00
Channel				134600	136100	137600	Tune-up limit

Frequency (MHz)				673	680.5	688	(dBm)
20	PI/2 BPSK	1	1	21.83	21.92	21.86	23.00
Channel				134100	136100	138100	Tune-up limit
Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	PI/2 BPSK	1	1	21.84	21.88	21.87	23.00
Channel				133600	136100	138600	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	PI/2 BPSK	1	1	21.91	21.86	21.81	23.00
Channel				133100	136100	139100	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	PI/2 BPSK	1	1	21.89	21.83	21.92	23.00

【FR1 n71_Ant1_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		22.51		23.50
35	PI/2 BPSK	1	90		22.44		23.50
35	PI/2 BPSK	1	186		22.38		23.50
35	PI/2 BPSK	90	0		22.42		23.50
35	PI/2 BPSK	90	45		22.48		23.50
35	PI/2 BPSK	90	90		22.44		23.50
35	PI/2 BPSK	180	0		22.43		23.50
35	QPSK	1	1		22.42		23.50
35	QPSK	1	90		22.41		23.50
35	QPSK	1	186		22.42		23.50
35	QPSK	90	0		22.45		23.50
35	QPSK	90	45		22.40		23.50
35	QPSK	90	90		22.47		23.50
35	QPSK	180	0		22.39		23.50
35	16QAM	1	1		22.46		23.50
35	64QAM	1	1		21.78		22.50
35	256QAM	1	1		19.82		20.50
Channel				135600	136100	136600	Tune-up limit
Frequency (MHz)				678	680.5	683	(dBm)
30	PI/2 BPSK	1	1	22.48	22.44	22.47	23.50
Channel				135100	136100	137100	Tune-up limit
Frequency (MHz)				675.5	680.5	685.5	(dBm)
25	PI/2 BPSK	1	1	22.44	22.33	22.34	23.50
Channel				134600	136100	137600	Tune-up limit
Frequency (MHz)				673	680.5	688	(dBm)
20	PI/2 BPSK	1	1	22.44	22.38	22.35	23.50
Channel				134100	136100	138100	Tune-up limit
Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	PI/2 BPSK	1	1	22.40	22.34	22.46	23.50
Channel				133600	136100	138600	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	PI/2 BPSK	1	1	22.45	22.33	22.38	23.50
Channel				133100	136100	139100	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	PI/2 BPSK	1	1	22.39	22.35	22.32	23.50

【FR1 n71_Ant1_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		24.22		25.00
35	PI/2 BPSK	1	90		24.19		25.00
35	PI/2 BPSK	1	186		24.14		25.00
35	PI/2 BPSK	90	0		23.94		24.50
35	PI/2 BPSK	90	45		24.12		25.00
35	PI/2 BPSK	90	90		23.74		24.50
35	PI/2 BPSK	180	0		23.73		24.50
35	QPSK	1	1		24.16		25.00
35	QPSK	1	90		24.11		25.00
35	QPSK	1	186		24.10		25.00
35	QPSK	90	0		23.25		24.00

35	QPSK	90	45		23.98		25.00
35	QPSK	90	90		23.25		24.00
35	QPSK	180	0		23.31		24.00
35	16QAM	1	1		23.22		24.00
35	64QAM	1	1		21.78		22.50
35	256QAM	1	1		19.82		20.50
Channel				135600	136100	136600	Tune-up limit
Frequency (MHz)				678	680.5	683	(dBm)
30	PI/2 BPSK	1	1	24.15	24.20	24.16	25.00
Channel				135100	136100	137100	Tune-up limit
Frequency (MHz)				675.5	680.5	685.5	(dBm)
25	PI/2 BPSK	1	1	24.14	24.16	24.15	25.00
Channel				134600	136100	137600	Tune-up limit
Frequency (MHz)				673	680.5	688	(dBm)
20	PI/2 BPSK	1	1	24.21	24.14	24.12	25.00
Channel				134100	136100	138100	Tune-up limit
Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	PI/2 BPSK	1	1	24.20	24.11	24.14	25.00
Channel				133600	136100	138600	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	PI/2 BPSK	1	1	24.18	24.11	24.19	25.00
Channel				133100	136100	139100	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	PI/2 BPSK	1	1	24.15	24.17	24.10	25.00

【FR1 n71_Ant1_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					136100		
Frequency (MHz)					680.5		
35	PI/2 BPSK	1	1		21.98		23.00
35	PI/2 BPSK	1	90		21.94		23.00
35	PI/2 BPSK	1	186		21.85		23.00
35	PI/2 BPSK	90	0		21.83		23.00
35	PI/2 BPSK	90	45		21.95		23.00
35	PI/2 BPSK	90	90		21.86		23.00
35	PI/2 BPSK	180	0		21.93		23.00
35	QPSK	1	1		21.89		23.00
35	QPSK	1	90		21.89		23.00
35	QPSK	1	186		21.87		23.00
35	QPSK	90	0		21.87		23.00
35	QPSK	90	45		21.92		23.00
35	QPSK	90	90		21.90		23.00
35	QPSK	180	0		21.89		23.00
35	16QAM	1	1		21.87		23.00
35	64QAM	1	1		21.78		22.50
35	256QAM	1	1		19.82		20.50
Channel				135600	136100	136600	Tune-up limit
Frequency (MHz)				678	680.5	683	(dBm)
30	PI/2 BPSK	1	1	21.92	21.97	21.94	23.00
Channel				135100	136100	137100	Tune-up limit
Frequency (MHz)				675.5	680.5	685.5	(dBm)
25	PI/2 BPSK	1	1	21.90	21.91	21.82	23.00
Channel				134600	136100	137600	Tune-up limit
Frequency (MHz)				673	680.5	688	(dBm)
20	PI/2 BPSK	1	1	21.83	21.92	21.86	23.00
Channel				134100	136100	138100	Tune-up limit
Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	PI/2 BPSK	1	1	21.84	21.88	21.87	23.00
Channel				133600	136100	138600	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	PI/2 BPSK	1	1	21.91	21.86	21.81	23.00
Channel				133100	136100	139100	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	PI/2 BPSK	1	1	21.89	21.83	21.92	23.00

【FR1 n77 (27Q)_FCC_Part 27Q
(3450~3550MHz)_Ant8_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		25.37		26.00
100	PI/2 BPSK	1	137		25.21		26.00
100	PI/2 BPSK	1	271		25.08		26.00
100	PI/2 BPSK	135	0		25.31		26.00
100	PI/2 BPSK	135	69		25.35		26.00
100	PI/2 BPSK	135	138		25.06		26.00
100	PI/2 BPSK	270	0		25.23		26.00
100	QPSK	1	1		25.31		26.00
100	QPSK	1	137		25.25		26.00
100	QPSK	1	271		25.06		26.00
100	QPSK	135	0		25.27		26.00
100	QPSK	135	69		25.19		26.00
100	QPSK	135	138		25.04		26.00
100	QPSK	270	0		25.21		26.00
100	16QAM	1	1		25.06		26.00
100	64QAM	1	1		24.61		26.00
100	256QAM	1	1		22.64		23.50
Channel				633000	633332	633666	
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	25.22	25.26	25.20	26.00
Channel				632668	633332	634000	
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	25.09	25.18	25.06	26.00
Channel				632334	633332	634332	
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	25.20	25.19	25.07	26.00
Channel				632000	633332	634666	
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	25.19	25.18	25.18	26.00
Channel				631668	633332	635000	
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	25.09	25.17	25.12	26.00
Channel				631334	633332	635332	
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	25.08	25.18	25.18	26.00
Channel				631000	633332	635666	
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	25.17	25.23	25.17	26.00
Channel				630834	633332	635832	
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	25.13	25.18	25.16	26.00
Channel				630668	633332	636000	
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	25.15	25.18	25.14	26.00
Channel				630500	633332	636166	
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	25.11	25.14	25.13	26.00
Channel				630334	633332	636332	
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	25.10	25.12	25.13	26.00

【FR1 n77 (27O)_FCC_Part 27O
(3700~3980MHz)_Ant8_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	25.02	25.05	24.98	26.00
100	PI/2 BPSK	1	137	24.42	24.57	24.38	26.00
100	PI/2 BPSK	1	271	24.53	24.65	24.53	26.00
100	PI/2 BPSK	135	0	24.60	24.73	24.52	26.00
100	PI/2 BPSK	135	69	24.63	24.75	24.58	26.00
100	PI/2 BPSK	135	138	24.44	24.55	24.40	26.00
100	PI/2 BPSK	270	0	24.49	24.59	24.51	26.00

100	QPSK	1	1	24.88	24.98	24.87	26.00
100	QPSK	1	137	24.48	24.57	24.45	26.00
100	QPSK	1	271	24.44	24.53	24.40	26.00
100	QPSK	135	0	24.55	24.64	24.47	26.00
100	QPSK	135	69	24.56	24.67	24.57	26.00
100	QPSK	135	138	24.50	24.57	24.44	26.00
100	QPSK	270	0	24.42	24.55	24.34	26.00
100	16QAM	1	1	24.83	24.96	24.84	26.00
100	64QAM	1	1	24.31	24.35	24.19	25.50
100	256QAM	1	1	21.98	22.12	21.98	23.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	24.95	24.97	24.95	26.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	24.87	25.01	24.85	26.00
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	24.95	24.96	24.86	26.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	24.90	25.02	24.83	26.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	24.97	24.92	24.92	26.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	24.88	25.00	24.84	26.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	24.94	24.94	24.92	26.00
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	24.91	25.03	24.85	26.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	25.00	24.96	24.95	26.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	24.97	25.01	24.91	26.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	24.93	24.95	24.89	26.00

【FR1 n77 (27Q)_FCC_Part 27Q

(3450~3550MHz)_Ant8_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					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		16.16		17.00
100	PI/2 BPSK	1	137		16.02		17.00
100	PI/2 BPSK	1	271		16.12		17.00
100	PI/2 BPSK	135	0		16.08		17.00
100	PI/2 BPSK	135	69		16.14		17.00
100	PI/2 BPSK	135	138		16.09		17.00
100	PI/2 BPSK	270	0		16.12		17.00
100	QPSK	1	1		16.13		17.00
100	QPSK	1	137		16.09		17.00
100	QPSK	1	271		16.02		17.00
100	QPSK	135	0		16.08		17.00
100	QPSK	135	69		16.06		17.00
100	QPSK	135	138		16.09		17.00
100	QPSK	270	0		16.07		17.00
100	16QAM	1	1		16.03		17.00
100	64QAM	1	1		16.08		17.00
100	256QAM	1	1		16.03		17.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	16.11	16.14	16.09	17.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	16.09	16.01	15.96	17.00

Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	16.04	16.04	15.96	17.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	16.03	16.02	16.01	17.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	16.01	16.13	16.01	17.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	16.00	16.09	15.97	17.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	16.01	16.06	16.05	17.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	16.05	16.10	15.97	17.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	16.04	16.10	16.04	17.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	15.99	16.01	16.07	17.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	16.06	16.04	15.94	17.00

【FR1 n77 (270)_FCC_Part 270

(3700~3980MHz)_Ant8_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	16.09	16.13	16.11	17.00
100	PI/2 BPSK	1	137	15.96	16.05	15.93	17.00
100	PI/2 BPSK	1	271	15.89	16.03	15.97	17.00
100	PI/2 BPSK	135	0	15.97	16.09	16.04	17.00
100	PI/2 BPSK	135	69	16.00	16.11	16.08	17.00
100	PI/2 BPSK	135	138	15.88	16.05	15.94	17.00
100	PI/2 BPSK	270	0	15.97	16.09	15.92	17.00
100	QPSK	1	1	16.00	16.14	16.00	17.00
100	QPSK	1	137	15.93	16.08	15.98	17.00
100	QPSK	1	271	15.96	16.07	15.96	17.00
100	QPSK	135	0	15.99	16.10	16.05	17.00
100	QPSK	135	69	16.01	16.06	15.97	17.00
100	QPSK	135	138	16.02	16.09	16.02	17.00
100	QPSK	270	0	15.99	16.08	16.03	17.00
100	16QAM	1	1	15.85	16.02	15.91	17.00
100	64QAM	1	1	15.98	16.10	16.02	17.00
100	256QAM	1	1	15.88	16.05	16.01	17.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	16.04	16.06	16.02	17.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	16.07	16.03	15.98	17.00
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	16.00	16.00	16.03	17.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	15.99	16.07	15.96	17.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	15.98	16.02	16.01	17.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	16.01	16.00	16.02	17.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	16.03	16.05	16.03	17.00
Channel				647500	656000	664500	Tune-up limit

Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	16.07	16.00	16.05	17.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	16.06	16.11	16.02	17.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	16.01	16.02	16.07	17.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	15.96	16.09	16.05	17.00

【FR1 n77 (27Q)_FCC_Part 27Q

(3450~3550MHz)_Ant8_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		16.16		17.00
100	PI/2 BPSK	1	137		16.02		17.00
100	PI/2 BPSK	1	271		16.12		17.00
100	PI/2 BPSK	135	0		16.08		17.00
100	PI/2 BPSK	135	69		16.14		17.00
100	PI/2 BPSK	135	138		16.09		17.00
100	PI/2 BPSK	270	0		16.12		17.00
100	QPSK	1	1		16.13		17.00
100	QPSK	1	137		16.09		17.00
100	QPSK	1	271		16.02		17.00
100	QPSK	135	0		16.08		17.00
100	QPSK	135	69		16.06		17.00
100	QPSK	135	138		16.09		17.00
100	QPSK	270	0		16.07		17.00
100	16QAM	1	1		16.03		17.00
100	64QAM	1	1		16.08		17.00
100	256QAM	1	1		16.03		17.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	16.11	16.14	16.09	17.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	16.09	16.01	15.96	17.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	16.04	16.04	15.96	17.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	16.03	16.02	16.01	17.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	16.01	16.13	16.01	17.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	16.00	16.09	15.97	17.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	16.01	16.06	16.05	17.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	16.05	16.10	15.97	17.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	16.04	16.10	16.04	17.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	15.99	16.01	16.07	17.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	16.06	16.04	15.94	17.00

【FR1 n77 (270)_FCC_Part 270

(3700~3980MHz)_Ant8_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	16.09	16.13	16.11	17.00
100	PI/2 BPSK	1	137	15.96	16.05	15.93	17.00
100	PI/2 BPSK	1	271	15.89	16.03	15.97	17.00
100	PI/2 BPSK	135	0	15.97	16.09	16.04	17.00
100	PI/2 BPSK	135	69	16.00	16.11	16.08	17.00
100	PI/2 BPSK	135	138	15.88	16.05	15.94	17.00
100	PI/2 BPSK	270	0	15.97	16.09	15.92	17.00
100	QPSK	1	1	16.00	16.14	16.00	17.00
100	QPSK	1	137	15.93	16.08	15.98	17.00
100	QPSK	1	271	15.96	16.07	15.96	17.00
100	QPSK	135	0	15.99	16.10	16.05	17.00
100	QPSK	135	69	16.01	16.06	15.97	17.00
100	QPSK	135	138	16.02	16.09	16.02	17.00
100	QPSK	270	0	15.99	16.08	16.03	17.00
100	16QAM	1	1	15.85	16.02	15.91	17.00
100	64QAM	1	1	15.98	16.10	16.02	17.00
100	256QAM	1	1	15.88	16.05	16.01	17.00
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	16.04	16.06	16.02	17.00
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	16.07	16.03	15.98	17.00
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	16.00	16.00	16.03	17.00
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	15.99	16.07	15.96	17.00
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	15.98	16.02	16.01	17.00
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	16.01	16.00	16.02	17.00
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	16.03	16.05	16.03	17.00
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	16.07	16.00	16.05	17.00
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	16.06	16.11	16.02	17.00
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	16.01	16.02	16.07	17.00
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	15.96	16.09	16.05	17.00

【FR1 n77 (27Q)_FCC_Part 27Q

(3450~3550MHz)_Ant8_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		17.67		18.50
100	PI/2 BPSK	1	137		17.57		18.50
100	PI/2 BPSK	1	271		17.57		18.50
100	PI/2 BPSK	135	0		17.62		18.50
100	PI/2 BPSK	135	69		17.65		18.50
100	PI/2 BPSK	135	138		17.53		18.50

100	PI/2 BPSK	270	0		17.63		18.50
100	QPSK	1	1		17.54		18.50
100	QPSK	1	137		17.58		18.50
100	QPSK	1	271		17.57		18.50
100	QPSK	135	0		17.62		18.50
100	QPSK	135	69		17.52		18.50
100	QPSK	135	138		17.59		18.50
100	QPSK	270	0		17.55		18.50
100	16QAM	1	1		17.55		18.50
100	64QAM	1	1		17.56		18.50
100	256QAM	1	1		17.60		18.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	17.62	17.64	17.61	18.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	17.52	17.55	17.58	18.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	17.49	17.62	17.59	18.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	17.51	17.56	17.48	18.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	17.52	17.60	17.49	18.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	17.61	17.57	17.52	18.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	17.55	17.53	17.53	18.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	17.47	17.59	17.59	18.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	17.47	17.51	17.53	18.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	17.58	17.61	17.60	18.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	17.54	17.54	17.46	18.50

【FR1 n77 (270)_FCC_Part 270

(3700~3980MHz)_Ant8_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	17.58	17.62	17.55	18.50
100	PI/2 BPSK	1	137	17.40	17.57	17.44	18.50
100	PI/2 BPSK	1	271	17.39	17.50	17.40	18.50
100	PI/2 BPSK	135	0	17.40	17.53	17.35	18.50
100	PI/2 BPSK	135	69	17.52	17.58	17.48	18.50
100	PI/2 BPSK	135	138	17.37	17.52	17.41	18.50
100	PI/2 BPSK	270	0	17.46	17.56	17.38	18.50
100	QPSK	1	1	17.42	17.57	17.43	18.50
100	QPSK	1	137	17.47	17.54	17.32	18.50
100	QPSK	1	271	17.37	17.54	17.38	18.50
100	QPSK	135	0	17.44	17.51	17.31	18.50
100	QPSK	135	69	17.37	17.50	17.30	18.50
100	QPSK	135	138	17.51	17.60	17.45	18.50
100	QPSK	270	0	17.45	17.55	17.35	18.50
100	16QAM	1	1	17.36	17.51	17.30	18.50
100	64QAM	1	1	17.42	17.50	17.36	18.50
100	256QAM	1	1	17.52	17.60	17.47	18.50
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	17.44	17.49	17.44	18.50
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)

80	PI/2 BPSK	1	1	17.51	17.56	17.53	18.50
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	17.56	17.51	17.44	18.50
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	17.45	17.55	17.48	18.50
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	17.49	17.61	17.53	18.50
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	17.57	17.50	17.44	18.50
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	17.43	17.51	17.53	18.50
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	17.55	17.48	17.51	18.50
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	17.44	17.58	17.48	18.50
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	17.45	17.50	17.40	18.50
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	17.54	17.49	17.48	18.50

【FR1 n77 (27Q)_FCC_Part 27Q

(3450~3550MHz)_Ant8_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		17.67		18.50
100	PI/2 BPSK	1	137		17.57		18.50
100	PI/2 BPSK	1	271		17.57		18.50
100	PI/2 BPSK	135	0		17.62		18.50
100	PI/2 BPSK	135	69		17.65		18.50
100	PI/2 BPSK	135	138		17.53		18.50
100	PI/2 BPSK	270	0		17.63		18.50
100	QPSK	1	1		17.54		18.50
100	QPSK	1	137		17.58		18.50
100	QPSK	1	271		17.57		18.50
100	QPSK	135	0		17.62		18.50
100	QPSK	135	69		17.52		18.50
100	QPSK	135	138		17.59		18.50
100	QPSK	270	0		17.55		18.50
100	16QAM	1	1		17.55		18.50
100	64QAM	1	1		17.56		18.50
100	256QAM	1	1		17.60		18.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	17.62	17.64	17.61	18.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	17.52	17.55	17.58	18.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	17.49	17.62	17.59	18.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	17.51	17.56	17.48	18.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	17.52	17.60	17.49	18.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	17.61	17.57	17.52	18.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	17.55	17.53	17.53	18.50

Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	17.47	17.59	17.59	18.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	17.47	17.51	17.53	18.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	17.58	17.61	17.60	18.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	17.54	17.54	17.46	18.50

【FR1 n77 (270)_FCC_Part 270

(3700~3980MHz)_Ant8_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	Tune-up limit
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	17.58	17.62	17.55	18.50
100	PI/2 BPSK	1	137	17.40	17.57	17.44	18.50
100	PI/2 BPSK	1	271	17.39	17.50	17.40	18.50
100	PI/2 BPSK	135	0	17.40	17.53	17.35	18.50
100	PI/2 BPSK	135	69	17.52	17.58	17.48	18.50
100	PI/2 BPSK	135	138	17.37	17.52	17.41	18.50
100	PI/2 BPSK	270	0	17.46	17.56	17.38	18.50
100	QPSK	1	1	17.42	17.57	17.43	18.50
100	QPSK	1	137	17.47	17.54	17.32	18.50
100	QPSK	1	271	17.37	17.54	17.38	18.50
100	QPSK	135	0	17.44	17.51	17.31	18.50
100	QPSK	135	69	17.37	17.50	17.30	18.50
100	QPSK	135	138	17.51	17.60	17.45	18.50
100	QPSK	270	0	17.45	17.55	17.35	18.50
100	16QAM	1	1	17.36	17.51	17.30	18.50
100	64QAM	1	1	17.42	17.50	17.36	18.50
100	256QAM	1	1	17.52	17.60	17.47	18.50
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	17.44	17.49	17.44	18.50
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	17.51	17.56	17.53	18.50
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	17.56	17.51	17.44	18.50
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	17.45	17.55	17.48	18.50
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	17.49	17.61	17.53	18.50
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	17.57	17.50	17.44	18.50
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	17.43	17.51	17.53	18.50
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	17.55	17.48	17.51	18.50
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	17.44	17.58	17.48	18.50
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	17.45	17.50	17.40	18.50
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	17.54	17.49	17.48	18.50

【FR1 n77 (27Q)_FCC_Part 27Q
(3450~3550MHz)_HPUE_Ant8_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		27.45		28.50
100	PI/2 BPSK	1	137		27.38		28.50
100	PI/2 BPSK	1	271		27.34		28.50
100	PI/2 BPSK	135	0		26.97		28.00
100	PI/2 BPSK	135	69		27.38		28.50
100	PI/2 BPSK	135	138		27.05		28.00
100	PI/2 BPSK	270	0		26.97		28.00
100	QPSK	1	1		27.46		28.50
100	QPSK	1	137		27.45		28.50
100	QPSK	1	271		27.33		28.50
100	QPSK	135	0		26.57		27.50
100	QPSK	135	69		27.32		28.50
100	QPSK	135	138		26.54		27.50
100	QPSK	270	0		26.46		27.50
100	16QAM	1	1		26.51		27.50
100	64QAM	1	1		24.86		26.00
100	256QAM	1	1		22.88		24.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	27.38	27.41	27.35	28.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	27.32	27.32	27.24	28.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	27.32	27.38	27.31	28.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	27.25	27.27	27.22	28.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	27.31	27.39	27.26	28.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	27.31	27.30	27.20	28.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	27.35	27.36	27.26	28.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	27.25	27.27	27.26	28.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	27.33	27.39	27.24	28.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	27.31	27.30	27.31	28.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	27.32	27.35	27.26	28.50

【FR1 n77 (27O)_FCC_Part 27O
(3700~3980MHz)_HPUE_Ant8_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	27.08	27.15	27.11	28.50
100	PI/2 BPSK	1	137	26.51	26.71	26.57	28.50
100	PI/2 BPSK	1	271	26.88	26.99	26.83	28.50
100	PI/2 BPSK	135	0	26.83	26.98	26.85	28.00
100	PI/2 BPSK	135	69	26.62	26.81	26.68	28.50
100	PI/2 BPSK	135	138	26.82	26.98	26.89	28.00
100	PI/2 BPSK	270	0	26.69	26.86	26.81	28.00
100	QPSK	1	1	26.89	27.11	27.06	28.50

100	QPSK	1	137	26.63	26.81	26.62	28.50
100	QPSK	1	271	26.95	27.07	26.91	28.50
100	QPSK	135	0	26.21	26.35	26.25	27.50
100	QPSK	135	69	26.75	26.87	26.74	28.50
100	QPSK	135	138	26.28	26.43	26.28	27.50
100	QPSK	270	0	26.31	26.52	26.42	27.50
100	16QAM	1	1	26.40	26.54	26.37	27.50
100	64QAM	1	1	24.97	25.13	24.97	26.00
100	256QAM	1	1	22.77	22.93	22.82	24.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	27.07	27.07	27.09	28.50
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	27.00	27.04	27.06	28.50
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	26.94	27.07	26.99	28.50
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	27.00	27.01	26.97	28.50
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	27.05	27.11	27.01	28.50
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	26.99	27.07	26.97	28.50
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	27.02	27.02	27.02	28.50
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	26.98	27.03	26.99	28.50
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	26.98	27.12	27.09	28.50
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	26.98	27.06	27.05	28.50
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	26.98	27.09	27.00	28.50

【FR1 n77 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_Ant8_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		19.42		20.50
100	PI/2 BPSK	1	137		19.37		20.50
100	PI/2 BPSK	1	271		19.30		20.50
100	PI/2 BPSK	135	0		19.32		20.50
100	PI/2 BPSK	135	69		19.39		20.50
100	PI/2 BPSK	135	138		19.36		20.50
100	PI/2 BPSK	270	0		19.35		20.50
100	QPSK	1	1		19.31		20.50
100	QPSK	1	137		19.31		20.50
100	QPSK	1	271		19.34		20.50
100	QPSK	135	0		19.34		20.50
100	QPSK	135	69		19.37		20.50
100	QPSK	135	138		19.36		20.50
100	QPSK	270	0		19.30		20.50
100	16QAM	1	1		19.33		20.50
100	64QAM	1	1		19.36		20.50
100	256QAM	1	1		19.37		20.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	19.28	19.33	19.31	20.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	19.27	19.22	19.16	20.50
Channel				632334	633332	634332	Tune-up limit

		Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1		19.17	19.22	19.17	20.50
		Channel			632000	633332	634666	Tune-up limit
		Frequency (MHz)			3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1		19.25	19.25	19.22	20.50
		Channel			631668	633332	635000	Tune-up limit
		Frequency (MHz)			3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1		19.16	19.26	19.20	20.50
		Channel			631334	633332	635332	Tune-up limit
		Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1		19.23	19.28	19.30	20.50
		Channel			631000	633332	635666	Tune-up limit
		Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1		19.22	19.18	19.22	20.50
		Channel			630834	633332	635832	Tune-up limit
		Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1		19.23	19.30	19.16	20.50
		Channel			630668	633332	636000	Tune-up limit
		Frequency (MHz)			3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1		19.24	19.23	19.23	20.50
		Channel			630500	633332	636166	Tune-up limit
		Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1		19.18	19.31	19.17	20.50
		Channel			630334	633332	636332	Tune-up limit
		Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1		19.19	19.31	19.27	20.50

【FR1 n77 (270)_FCC_Part 270

(3700~3980MHz)_HPUE_Ant8_DSI1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
				650000	656000	662000	
				3750	3840	3930	
100	PI/2 BPSK	1	1	19.21	19.25	19.23	20.50
100	PI/2 BPSK	1	137	19.02	19.20	19.11	20.50
100	PI/2 BPSK	1	271	18.97	19.14	19.04	20.50
100	PI/2 BPSK	135	0	18.95	19.12	18.99	20.50
100	PI/2 BPSK	135	69	19.14	19.23	19.15	20.50
100	PI/2 BPSK	135	138	19.04	19.19	19.02	20.50
100	PI/2 BPSK	270	0	19.03	19.20	19.14	20.50
100	QPSK	1	1	19.11	19.21	19.12	20.50
100	QPSK	1	137	19.16	19.22	19.16	20.50
100	QPSK	1	271	19.04	19.17	19.07	20.50
100	QPSK	135	0	19.03	19.15	19.07	20.50
100	QPSK	135	69	19.05	19.17	19.01	20.50
100	QPSK	135	138	19.03	19.17	19.11	20.50
100	QPSK	270	0	19.06	19.20	19.12	20.50
100	16QAM	1	1	19.12	19.24	19.08	20.50
100	64QAM	1	1	18.97	19.13	19.05	20.50
100	256QAM	1	1	19.03	19.16	19.01	20.50
				649668	656000	662332	Tune-up limit
				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	19.13	19.20	19.14	20.50
				649334	656000	662666	Tune-up limit
				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	19.18	19.21	19.17	20.50
				649000	656000	663000	Tune-up limit
				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	19.17	19.17	19.17	20.50
				648668	656000	663332	Tune-up limit
				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	19.19	19.11	19.19	20.50
				648334	656000	663666	Tune-up limit
				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	19.16	19.13	19.10	20.50
				648000	656000	664000	Tune-up limit
				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	19.17	19.23	19.15	20.50
				647668	656000	664332	Tune-up limit
				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	19.12	19.18	19.08	20.50
				647500	656000	664500	Tune-up limit
				3712.5	3840	3967.5	(dBm)

25	PI/2 BPSK	1	1	19.09	19.23	19.08	20.50
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	19.08	19.23	19.17	20.50
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	19.15	19.18	19.10	20.50
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	19.09	19.20	19.12	20.50

【FR1 n77 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_Ant8_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		19.42		20.50
100	PI/2 BPSK	1	137		19.37		20.50
100	PI/2 BPSK	1	271		19.30		20.50
100	PI/2 BPSK	135	0		19.32		20.50
100	PI/2 BPSK	135	69		19.39		20.50
100	PI/2 BPSK	135	138		19.36		20.50
100	PI/2 BPSK	270	0		19.35		20.50
100	QPSK	1	1		19.31		20.50
100	QPSK	1	137		19.31		20.50
100	QPSK	1	271		19.34		20.50
100	QPSK	135	0		19.34		20.50
100	QPSK	135	69		19.37		20.50
100	QPSK	135	138		19.36		20.50
100	QPSK	270	0		19.30		20.50
100	16QAM	1	1		19.33		20.50
100	64QAM	1	1		19.36		20.50
100	256QAM	1	1		19.37		20.50
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	19.28	19.33	19.31	20.50
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	19.27	19.22	19.16	20.50
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	19.17	19.22	19.17	20.50
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	19.25	19.25	19.22	20.50
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	19.16	19.26	19.20	20.50
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	19.23	19.28	19.30	20.50
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	19.22	19.18	19.22	20.50
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	19.23	19.30	19.16	20.50
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	19.24	19.23	19.23	20.50
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	19.18	19.31	19.17	20.50
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	19.19	19.31	19.27	20.50

【FR1 n77 (270)_FCC_Part 270

(3700~3980MHz)_HPUE_Ant8_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	19.21	19.25	19.23	20.50
100	PI/2 BPSK	1	137	19.02	19.20	19.11	20.50
100	PI/2 BPSK	1	271	18.97	19.14	19.04	20.50
100	PI/2 BPSK	135	0	18.95	19.12	18.99	20.50
100	PI/2 BPSK	135	69	19.14	19.23	19.15	20.50
100	PI/2 BPSK	135	138	19.04	19.19	19.02	20.50
100	PI/2 BPSK	270	0	19.03	19.20	19.14	20.50
100	QPSK	1	1	19.11	19.21	19.12	20.50
100	QPSK	1	137	19.16	19.22	19.16	20.50
100	QPSK	1	271	19.04	19.17	19.07	20.50
100	QPSK	135	0	19.03	19.15	19.07	20.50
100	QPSK	135	69	19.05	19.17	19.01	20.50
100	QPSK	135	138	19.03	19.17	19.11	20.50
100	QPSK	270	0	19.06	19.20	19.12	20.50
100	16QAM	1	1	19.12	19.24	19.08	20.50
100	64QAM	1	1	18.97	19.13	19.05	20.50
100	256QAM	1	1	19.03	19.16	19.01	20.50
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	19.13	19.20	19.14	20.50
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	19.18	19.21	19.17	20.50
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	19.17	19.17	19.17	20.50
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	19.19	19.11	19.19	20.50
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	19.16	19.13	19.10	20.50
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	19.17	19.23	19.15	20.50
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	19.12	19.18	19.08	20.50
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	19.09	19.23	19.08	20.50
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	19.08	19.23	19.17	20.50
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	19.15	19.18	19.10	20.50
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	19.09	19.20	19.12	20.50

【FR1 n77 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_Ant8_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		20.75		22.00
100	PI/2 BPSK	1	137		20.73		22.00
100	PI/2 BPSK	1	271		20.68		22.00
100	PI/2 BPSK	135	0		20.74		22.00
100	PI/2 BPSK	135	69		20.74		22.00
100	PI/2 BPSK	135	138		20.72		22.00

100	PI/2 BPSK	270	0		20.71		22.00
100	QPSK	1	1		20.69		22.00
100	QPSK	1	137		20.68		22.00
100	QPSK	1	271		20.68		22.00
100	QPSK	135	0		20.73		22.00
100	QPSK	135	69		20.67		22.00
100	QPSK	135	138		20.70		22.00
100	QPSK	270	0		20.65		22.00
100	16QAM	1	1		20.64		22.00
100	64QAM	1	1		20.68		22.00
100	256QAM	1	1		20.70		22.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	20.65	20.71	20.68	22.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	20.56	20.56	20.65	22.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	20.63	20.67	20.60	22.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	20.59	20.67	20.65	22.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	20.62	20.62	20.55	22.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	20.51	20.62	20.65	22.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	20.54	20.67	20.55	22.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	20.50	20.70	20.56	22.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	20.52	20.56	20.63	22.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	20.63	20.62	20.60	22.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	20.57	20.57	20.56	22.00

【FR1 n77 (270)_FCC_Part 270

(3700~3980MHz)_HPUE_Ant8_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	20.58	20.69	20.62	22.00
100	PI/2 BPSK	1	137	20.47	20.67	20.45	22.00
100	PI/2 BPSK	1	271	20.46	20.66	20.49	22.00
100	PI/2 BPSK	135	0	20.39	20.65	20.46	22.00
100	PI/2 BPSK	135	69	20.52	20.68	20.56	22.00
100	PI/2 BPSK	135	138	20.48	20.65	20.52	22.00
100	PI/2 BPSK	270	0	20.43	20.65	20.52	22.00
100	QPSK	1	1	20.45	20.66	20.48	22.00
100	QPSK	1	137	20.37	20.61	20.46	22.00
100	QPSK	1	271	20.49	20.65	20.43	22.00
100	QPSK	135	0	20.41	20.67	20.54	22.00
100	QPSK	135	69	20.41	20.64	20.55	22.00
100	QPSK	135	138	20.44	20.69	20.60	22.00
100	QPSK	270	0	20.55	20.68	20.60	22.00
100	16QAM	1	1	20.43	20.68	20.47	22.00
100	64QAM	1	1	20.41	20.61	20.53	22.00
100	256QAM	1	1	20.41	20.60	20.38	22.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	20.47	20.60	20.49	22.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)

80	PI/2 BPSK	1	1	20.54	20.59	20.60	22.00
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	20.56	20.66	20.57	22.00
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	20.48	20.66	20.56	22.00
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	20.50	20.57	20.50	22.00
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	20.56	20.58	20.49	22.00
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	20.48	20.64	20.54	22.00
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	20.54	20.68	20.61	22.00
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	20.47	20.66	20.50	22.00
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	20.54	20.67	20.59	22.00
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	20.56	20.57	20.50	22.00

【FR1 n77 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_Ant8_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		20.75		22.00
100	PI/2 BPSK	1	137		20.73		22.00
100	PI/2 BPSK	1	271		20.68		22.00
100	PI/2 BPSK	135	0		20.74		22.00
100	PI/2 BPSK	135	69		20.74		22.00
100	PI/2 BPSK	135	138		20.72		22.00
100	PI/2 BPSK	270	0		20.71		22.00
100	QPSK	1	1		20.69		22.00
100	QPSK	1	137		20.68		22.00
100	QPSK	1	271		20.68		22.00
100	QPSK	135	0		20.73		22.00
100	QPSK	135	69		20.67		22.00
100	QPSK	135	138		20.70		22.00
100	QPSK	270	0		20.65		22.00
100	16QAM	1	1		20.64		22.00
100	64QAM	1	1		20.68		22.00
100	256QAM	1	1		20.70		22.00
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	20.65	20.71	20.68	22.00
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	20.56	20.56	20.65	22.00
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	20.63	20.67	20.60	22.00
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	20.59	20.67	20.65	22.00
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	20.62	20.62	20.55	22.00
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	20.51	20.62	20.65	22.00
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	20.54	20.67	20.55	22.00

Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	20.50	20.70	20.56	22.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	20.52	20.56	20.63	22.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	20.63	20.62	20.60	22.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	20.57	20.57	20.56	22.00

【FR1 n77 (270)_FCC_Part 270

(3700~3980MHz)_HPUE_Ant8_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	20.58	20.69	20.62	22.00
100	PI/2 BPSK	1	137	20.47	20.67	20.45	22.00
100	PI/2 BPSK	1	271	20.46	20.66	20.49	22.00
100	PI/2 BPSK	135	0	20.39	20.65	20.46	22.00
100	PI/2 BPSK	135	69	20.52	20.68	20.56	22.00
100	PI/2 BPSK	135	138	20.48	20.65	20.52	22.00
100	PI/2 BPSK	270	0	20.43	20.65	20.52	22.00
100	QPSK	1	1	20.45	20.66	20.48	22.00
100	QPSK	1	137	20.37	20.61	20.46	22.00
100	QPSK	1	271	20.49	20.65	20.43	22.00
100	QPSK	135	0	20.41	20.67	20.54	22.00
100	QPSK	135	69	20.41	20.64	20.55	22.00
100	QPSK	135	138	20.44	20.69	20.60	22.00
100	QPSK	270	0	20.55	20.68	20.60	22.00
100	16QAM	1	1	20.43	20.68	20.47	22.00
100	64QAM	1	1	20.41	20.61	20.53	22.00
100	256QAM	1	1	20.41	20.60	20.38	22.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	20.47	20.60	20.49	22.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	20.54	20.59	20.60	22.00
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	20.56	20.66	20.57	22.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	20.48	20.66	20.56	22.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	20.50	20.57	20.50	22.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	20.56	20.58	20.49	22.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	20.48	20.64	20.54	22.00
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	20.54	20.68	20.61	22.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	20.47	20.66	20.50	22.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	20.54	20.67	20.59	22.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	20.56	20.57	20.50	22.00

【FR1 n77 (27Q)_FCC_Part 27Q
(3450~3550MHz)_Ant9_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		21.68		22.50
100	PI/2 BPSK	1	137		21.65		22.50
100	PI/2 BPSK	1	271		21.67		22.50
100	PI/2 BPSK	135	0		21.63		22.50
100	PI/2 BPSK	135	69		21.65		22.50
100	PI/2 BPSK	135	138		21.58		22.50
100	PI/2 BPSK	270	0		21.61		22.50
100	QPSK	1	1		21.65		22.50
100	QPSK	1	137		21.58		22.50
100	QPSK	1	271		21.63		22.50
100	QPSK	135	0		21.67		22.50
100	QPSK	135	69		21.65		22.50
100	QPSK	135	138		21.61		22.50
100	QPSK	270	0		21.59		22.50
100	16QAM	1	1		21.61		22.50
100	64QAM	1	1		21.05		22.00
100	256QAM	1	1		18.73		20.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	21.62	21.65	21.58	22.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	21.59	21.64	21.50	22.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	21.57	21.61	21.49	22.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	21.54	21.64	21.49	22.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	21.51	21.62	21.47	22.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	21.56	21.51	21.55	22.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	21.52	21.60	21.50	22.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	21.55	21.60	21.49	22.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	21.51	21.52	21.54	22.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	21.59	21.50	21.45	22.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	21.54	21.53	21.44	22.50

【FR1 n77 (27Q)_FCC_Part 27O
(3700~3980MHz)_Ant9_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	21.58	21.63	21.45	22.50
100	PI/2 BPSK	1	137	20.70	20.84	20.62	22.50
100	PI/2 BPSK	1	271	21.18	21.37	21.13	22.50
100	PI/2 BPSK	135	0	20.89	21.05	20.78	22.50
100	PI/2 BPSK	135	69	21.16	21.24	21.06	22.50
100	PI/2 BPSK	135	138	21.05	21.14	20.89	22.50
100	PI/2 BPSK	270	0	20.99	21.16	20.96	22.50
100	QPSK	1	1	21.16	21.26	21.03	22.50

100	QPSK	1	137	20.64	20.82	20.54	22.50
100	QPSK	1	271	21.13	21.31	21.01	22.50
100	QPSK	135	0	20.87	21.05	20.79	22.50
100	QPSK	135	69	20.75	20.86	20.63	22.50
100	QPSK	135	138	20.94	21.09	20.79	22.50
100	QPSK	270	0	20.92	21.10	20.91	22.50
100	16QAM	1	1	21.16	21.34	21.07	22.50
100	64QAM	1	1	20.60	20.66	20.40	21.50
100	256QAM	1	1	18.45	18.51	18.28	19.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	21.44	21.51	21.37	22.50
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	21.44	21.56	21.33	22.50
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	21.51	21.60	21.43	22.50
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	21.48	21.61	21.31	22.50
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	21.46	21.56	21.42	22.50
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	21.44	21.55	21.43	22.50
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	21.44	21.53	21.40	22.50
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	21.49	21.49	21.43	22.50
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	21.46	21.50	21.34	22.50
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	21.46	21.51	21.30	22.50
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	21.54	21.56	21.42	22.50

【FR1 n77 (27Q)_FCC_Part 27Q

(3450~3550MHz)_Ant9_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					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		17.48		18.50
100	PI/2 BPSK	1	137		17.38		18.50
100	PI/2 BPSK	1	271		17.44		18.50
100	PI/2 BPSK	135	0		17.46		18.50
100	PI/2 BPSK	135	69		17.47		18.50
100	PI/2 BPSK	135	138		17.39		18.50
100	PI/2 BPSK	270	0		17.45		18.50
100	QPSK	1	1		17.43		18.50
100	QPSK	1	137		17.46		18.50
100	QPSK	1	271		17.38		18.50
100	QPSK	135	0		17.39		18.50
100	QPSK	135	69		17.38		18.50
100	QPSK	135	138		17.43		18.50
100	QPSK	270	0		17.49		18.50
100	16QAM	1	1		17.39		18.50
100	64QAM	1	1		17.49		18.50
100	256QAM	1	1		17.39		18.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	17.42	17.45	17.39	18.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	17.31	17.36	17.36	18.50
Channel				632334	633332	634332	Tune-up limit

	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	17.28	17.36	17.31	18.50
	Channel			632000	633332	634666	Tune-up limit
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	17.33	17.39	17.30	18.50
	Channel			631668	633332	635000	Tune-up limit
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	17.41	17.32	17.30	18.50
	Channel			631334	633332	635332	Tune-up limit
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	17.30	17.37	17.26	18.50
	Channel			631000	633332	635666	Tune-up limit
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	17.37	17.41	17.30	18.50
	Channel			630834	633332	635832	Tune-up limit
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	17.28	17.39	17.27	18.50
	Channel			630668	633332	636000	Tune-up limit
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	17.29	17.44	17.30	18.50
	Channel			630500	633332	636166	Tune-up limit
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	17.28	17.43	17.35	18.50
	Channel			630334	633332	636332	Tune-up limit
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	17.40	17.39	17.29	18.50

【FR1 n77 (270)_FCC_Part 270

(3700~3980MHz)_Ant9_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	17.39	17.43	17.41	18.50
100	PI/2 BPSK	1	137	17.21	17.35	17.19	18.50
100	PI/2 BPSK	1	271	17.32	17.41	17.24	18.50
100	PI/2 BPSK	135	0	17.23	17.36	17.26	18.50
100	PI/2 BPSK	135	69	17.37	17.42	17.36	18.50
100	PI/2 BPSK	135	138	17.21	17.36	17.21	18.50
100	PI/2 BPSK	270	0	17.23	17.41	17.28	18.50
100	QPSK	1	1	17.16	17.34	17.22	18.50
100	QPSK	1	137	17.29	17.38	17.21	18.50
100	QPSK	1	271	17.32	17.42	17.31	18.50
100	QPSK	135	0	17.36	17.41	17.27	18.50
100	QPSK	135	69	17.32	17.40	17.27	18.50
100	QPSK	135	138	17.33	17.38	17.32	18.50
100	QPSK	270	0	17.30	17.44	17.28	18.50
100	16QAM	1	1	17.18	17.33	17.24	18.50
100	64QAM	1	1	17.30	17.36	17.20	18.50
100	256QAM	1	1	17.28	17.34	17.31	18.50
	Channel			649668	656000	662332	Tune-up limit
	Frequency (MHz)			3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	17.34	17.38	17.28	18.50
	Channel			649334	656000	662666	Tune-up limit
	Frequency (MHz)			3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	17.25	17.35	17.29	18.50
	Channel			649000	656000	663000	Tune-up limit
	Frequency (MHz)			3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	17.30	17.35	17.28	18.50
	Channel			648668	656000	663332	Tune-up limit
	Frequency (MHz)			3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	17.36	17.37	17.38	18.50
	Channel			648334	656000	663666	Tune-up limit
	Frequency (MHz)			3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	17.25	17.28	17.37	18.50
	Channel			648000	656000	664000	Tune-up limit
	Frequency (MHz)			3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	17.27	17.34	17.29	18.50
	Channel			647668	656000	664332	Tune-up limit
	Frequency (MHz)			3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	17.34	17.31	17.26	18.50
	Channel			647500	656000	664500	Tune-up limit
	Frequency (MHz)			3712.5	3840	3967.5	(dBm)

25	PI/2 BPSK	1	1	17.25	17.36	17.39	18.50
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	17.37	17.36	17.28	18.50
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	17.29	17.32	17.27	18.50
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	17.36	17.36	17.26	18.50

【FR1 n77 (27Q)_FCC_Part 27Q

(3450~3550MHz)_Ant9_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		17.48		18.50
100	PI/2 BPSK	1	137		17.38		18.50
100	PI/2 BPSK	1	271		17.44		18.50
100	PI/2 BPSK	135	0		17.46		18.50
100	PI/2 BPSK	135	69		17.47		18.50
100	PI/2 BPSK	135	138		17.39		18.50
100	PI/2 BPSK	270	0		17.45		18.50
100	QPSK	1	1		17.43		18.50
100	QPSK	1	137		17.46		18.50
100	QPSK	1	271		17.38		18.50
100	QPSK	135	0		17.39		18.50
100	QPSK	135	69		17.38		18.50
100	QPSK	135	138		17.43		18.50
100	QPSK	270	0		17.49		18.50
100	16QAM	1	1		17.39		18.50
100	64QAM	1	1		17.49		18.50
100	256QAM	1	1		17.39		18.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	17.42	17.45	17.39	18.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	17.31	17.36	17.36	18.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	17.28	17.36	17.31	18.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	17.33	17.39	17.30	18.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	17.41	17.32	17.30	18.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	17.30	17.37	17.26	18.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	17.37	17.41	17.30	18.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	17.28	17.39	17.27	18.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	17.29	17.44	17.30	18.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	17.28	17.43	17.35	18.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	17.40	17.39	17.29	18.50

【FR1 n77 (27Q)_FCC_Part 27Q

(3700~3980MHz)_Ant9_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	17.39	17.43	17.41	18.50
100	PI/2 BPSK	1	137	17.21	17.35	17.19	18.50
100	PI/2 BPSK	1	271	17.32	17.41	17.24	18.50
100	PI/2 BPSK	135	0	17.23	17.36	17.26	18.50
100	PI/2 BPSK	135	69	17.37	17.42	17.36	18.50
100	PI/2 BPSK	135	138	17.21	17.36	17.21	18.50
100	PI/2 BPSK	270	0	17.23	17.41	17.28	18.50
100	QPSK	1	1	17.16	17.34	17.22	18.50
100	QPSK	1	137	17.29	17.38	17.21	18.50
100	QPSK	1	271	17.32	17.42	17.31	18.50
100	QPSK	135	0	17.36	17.41	17.27	18.50
100	QPSK	135	69	17.32	17.40	17.27	18.50
100	QPSK	135	138	17.33	17.38	17.32	18.50
100	QPSK	270	0	17.30	17.44	17.28	18.50
100	16QAM	1	1	17.18	17.33	17.24	18.50
100	64QAM	1	1	17.30	17.36	17.20	18.50
100	256QAM	1	1	17.28	17.34	17.31	18.50
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	17.34	17.38	17.28	18.50
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	17.25	17.35	17.29	18.50
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	17.30	17.35	17.28	18.50
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	17.36	17.37	17.38	18.50
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	17.25	17.28	17.37	18.50
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	17.27	17.34	17.29	18.50
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	17.34	17.31	17.26	18.50
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	17.25	17.36	17.39	18.50
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	17.37	17.36	17.28	18.50
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	17.29	17.32	17.27	18.50
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	17.36	17.36	17.26	18.50

【FR1 n77 (27Q)_FCC_Part 27Q

(3450~3550MHz)_Ant9_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		18.98		20.00
100	PI/2 BPSK	1	137		18.89		20.00
100	PI/2 BPSK	1	271		18.91		20.00
100	PI/2 BPSK	135	0		18.96		20.00
100	PI/2 BPSK	135	69		18.97		20.00
100	PI/2 BPSK	135	138		18.87		20.00
100	PI/2 BPSK	270	0		18.92		20.00
100	QPSK	1	1		18.91		20.00
100	QPSK	1	137		18.91		20.00
100	QPSK	1	271		18.91		20.00

100	QPSK	135	0		18.95		20.00
100	QPSK	135	69		18.91		20.00
100	QPSK	135	138		18.89		20.00
100	QPSK	270	0		18.92		20.00
100	16QAM	1	1		18.88		20.00
100	64QAM	1	1		18.93		20.00
100	256QAM	1	1		18.93		20.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	18.92	18.95	18.94	20.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	18.81	18.84	18.83	20.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	18.90	18.81	18.92	20.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	18.84	18.89	18.89	20.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	18.87	18.85	18.81	20.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	18.87	18.85	18.80	20.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	18.86	18.90	18.80	20.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	18.85	18.91	18.88	20.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	18.78	18.92	18.85	20.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	18.86	18.92	18.88	20.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	18.78	18.87	18.83	20.00

【FR1 n77 (270)_FCC_Part 270

(3700~3980MHz)_Ant9_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	18.92	18.96	18.95	20.00
100	PI/2 BPSK	1	137	18.84	18.91	18.80	20.00
100	PI/2 BPSK	1	271	18.76	18.92	18.87	20.00
100	PI/2 BPSK	135	0	18.74	18.91	18.83	20.00
100	PI/2 BPSK	135	69	18.89	18.95	18.92	20.00
100	PI/2 BPSK	135	138	18.87	18.94	18.88	20.00
100	PI/2 BPSK	270	0	18.72	18.91	18.81	20.00
100	QPSK	1	1	18.87	18.92	18.83	20.00
100	QPSK	1	137	18.91	18.97	18.94	20.00
100	QPSK	1	271	18.81	18.94	18.88	20.00
100	QPSK	135	0	18.90	18.97	18.94	20.00
100	QPSK	135	69	18.76	18.94	18.88	20.00
100	QPSK	135	138	18.79	18.89	18.84	20.00
100	QPSK	270	0	18.83	18.91	18.79	20.00
100	16QAM	1	1	18.89	18.96	18.83	20.00
100	64QAM	1	1	18.71	18.87	18.71	20.00
100	256QAM	1	1	18.39	18.51	18.45	19.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	18.79	18.91	18.92	20.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	18.83	18.85	18.87	20.00
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	18.90	18.92	18.81	20.00

Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	18.83	18.84	18.93	20.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	18.85	18.94	18.89	20.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	18.80	18.92	18.81	20.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	18.78	18.91	18.85	20.00
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	18.77	18.84	18.84	20.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	18.87	18.82	18.87	20.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	18.78	18.83	18.82	20.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	18.77	18.86	18.87	20.00

【FR1 n77 (27Q)_FCC_Part 27Q

(3450~3550MHz)_Ant9_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		21.68		22.50
100	PI/2 BPSK	1	137		21.65		22.50
100	PI/2 BPSK	1	271		21.67		22.50
100	PI/2 BPSK	135	0		21.63		22.50
100	PI/2 BPSK	135	69		21.65		22.50
100	PI/2 BPSK	135	138		21.58		22.50
100	PI/2 BPSK	270	0		21.61		22.50
100	QPSK	1	1		21.65		22.50
100	QPSK	1	137		21.58		22.50
100	QPSK	1	271		21.63		22.50
100	QPSK	135	0		21.67		22.50
100	QPSK	135	69		21.65		22.50
100	QPSK	135	138		21.61		22.50
100	QPSK	270	0		21.59		22.50
100	16QAM	1	1		21.61		22.50
100	64QAM	1	1		21.05		22.00
100	256QAM	1	1		18.73		20.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	21.62	21.65	21.58	22.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	21.59	21.64	21.50	22.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	21.57	21.61	21.49	22.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	21.54	21.64	21.49	22.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	21.51	21.62	21.47	22.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	21.56	21.51	21.55	22.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	21.52	21.60	21.50	22.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	21.55	21.60	21.49	22.50
Channel				630668	633332	636000	Tune-up limit

Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	21.51	21.52	21.54	22.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	21.59	21.50	21.45	22.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	21.54	21.53	21.44	22.50

【FR1 n77 (270)_FCC_Part 270

(3700~3980MHz)_Ant9_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	21.58	21.63	21.45	22.50
100	PI/2 BPSK	1	137	20.70	20.84	20.62	22.50
100	PI/2 BPSK	1	271	21.18	21.37	21.13	22.50
100	PI/2 BPSK	135	0	20.89	21.05	20.78	22.50
100	PI/2 BPSK	135	69	21.16	21.24	21.06	22.50
100	PI/2 BPSK	135	138	21.05	21.14	20.89	22.50
100	PI/2 BPSK	270	0	20.99	21.16	20.96	22.50
100	QPSK	1	1	21.16	21.26	21.03	22.50
100	QPSK	1	137	20.64	20.82	20.54	22.50
100	QPSK	1	271	21.13	21.31	21.01	22.50
100	QPSK	135	0	20.87	21.05	20.79	22.50
100	QPSK	135	69	20.75	20.86	20.63	22.50
100	QPSK	135	138	20.94	21.09	20.79	22.50
100	QPSK	270	0	20.92	21.10	20.91	22.50
100	16QAM	1	1	21.16	21.34	21.07	22.50
100	64QAM	1	1	20.60	20.66	20.40	21.50
100	256QAM	1	1	18.45	18.51	18.28	19.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	21.44	21.51	21.37	22.50
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	21.44	21.56	21.33	22.50
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	21.51	21.60	21.43	22.50
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	21.48	21.61	21.31	22.50
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	21.46	21.56	21.42	22.50
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	21.44	21.55	21.43	22.50
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	21.44	21.53	21.40	22.50
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	21.49	21.49	21.43	22.50
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	21.46	21.50	21.34	22.50
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	21.46	21.51	21.30	22.50
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	21.54	21.56	21.42	22.50

【FR1 n77 (27Q)_FCC_Part 27Q
(3450~3550MHz)_HPUE_Ant9_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		23.56		24.50
100	PI/2 BPSK	1	137		23.32		24.50
100	PI/2 BPSK	1	271		23.26		24.50
100	PI/2 BPSK	135	0		23.49		24.00
100	PI/2 BPSK	135	69		23.32		24.50
100	PI/2 BPSK	135	138		23.21		24.00
100	PI/2 BPSK	270	0		23.44		24.00
100	QPSK	1	1		23.50		24.50
100	QPSK	1	137		23.26		24.50
100	QPSK	1	271		23.42		24.50
100	QPSK	135	0		22.90		23.50
100	QPSK	135	69		23.34		24.50
100	QPSK	135	138		22.65		23.50
100	QPSK	270	0		22.82		23.50
100	16QAM	1	1		23.01		23.50
100	64QAM	1	1		21.44		22.00
100	256QAM	1	1		19.48		20.00
Channel				633000	633332	633666	
Frequency (MHz)				3495	3499.98	3504.99	Tune-up limit (dBm)
90	PI/2 BPSK	1	1	23.32	23.44	23.39	24.50
Channel				632668	633332	634000	
Frequency (MHz)				3490.02	3499.98	3510	Tune-up limit (dBm)
80	PI/2 BPSK	1	1	23.30	23.46	23.42	24.50
Channel				632334	633332	634332	
Frequency (MHz)				3485.01	3499.98	3514.98	Tune-up limit (dBm)
70	PI/2 BPSK	1	1	23.32	23.41	23.41	24.50
Channel				632000	633332	634666	
Frequency (MHz)				3480	3499.98	3519.99	Tune-up limit (dBm)
60	PI/2 BPSK	1	1	23.28	23.41	23.31	24.50
Channel				631668	633332	635000	
Frequency (MHz)				3475.02	3499.98	3525	Tune-up limit (dBm)
50	PI/2 BPSK	1	1	23.25	23.45	23.37	24.50
Channel				631334	633332	635332	
Frequency (MHz)				3470.01	3499.98	3529.98	Tune-up limit (dBm)
40	PI/2 BPSK	1	1	23.24	23.49	23.33	24.50
Channel				631000	633332	635666	
Frequency (MHz)				3465	3499.98	3534.99	Tune-up limit (dBm)
30	PI/2 BPSK	1	1	23.28	23.42	23.38	24.50
Channel				630834	633332	635832	
Frequency (MHz)				3462.51	3499.98	3537.48	Tune-up limit (dBm)
25	PI/2 BPSK	1	1	23.25	23.51	23.35	24.50
Channel				630668	633332	636000	
Frequency (MHz)				3460.02	3499.98	3540	Tune-up limit (dBm)
20	PI/2 BPSK	1	1	23.28	23.49	23.42	24.50
Channel				630500	633332	636166	
Frequency (MHz)				3457.5	3499.98	3542.49	Tune-up limit (dBm)
15	PI/2 BPSK	1	1	23.31	23.41	23.34	24.50
Channel				630334	633332	636332	
Frequency (MHz)				3455.01	3499.98	3544.98	Tune-up limit (dBm)
10	PI/2 BPSK	1	1	23.32	23.43	23.41	24.50

【FR1 n77 (27O)_FCC_Part 27O
(3700~3980MHz)_HPUE_Ant9_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	23.57	23.59	23.55	24.50
100	PI/2 BPSK	1	137	23.12	23.27	23.09	24.50
100	PI/2 BPSK	1	271	23.39	23.43	23.34	24.50
100	PI/2 BPSK	135	0	23.20	23.35	23.18	24.00
100	PI/2 BPSK	135	69	23.45	23.49	23.43	24.50
100	PI/2 BPSK	135	138	23.28	23.40	23.30	24.00
100	PI/2 BPSK	270	0	23.38	23.42	23.35	24.00

100	QPSK	1	1	23.38	23.51	23.41	24.50
100	QPSK	1	137	23.20	23.31	23.16	24.50
100	QPSK	1	271	23.44	23.48	23.40	24.50
100	QPSK	135	0	22.90	22.97	22.86	23.50
100	QPSK	135	69	23.25	23.36	23.22	24.50
100	QPSK	135	138	22.95	22.98	22.80	23.50
100	QPSK	270	0	22.78	22.86	22.79	23.50
100	16QAM	1	1	22.79	22.91	22.86	23.50
100	64QAM	1	1	21.32	21.42	21.28	22.00
100	256QAM	1	1	19.11	19.26	19.16	20.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	23.54	23.58	23.52	24.50
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	23.51	23.56	23.45	24.50
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	23.48	23.51	23.53	24.50
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	23.47	23.49	23.40	24.50
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	23.50	23.53	23.52	24.50
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	23.42	23.45	23.53	24.50
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	23.53	23.45	23.53	24.50
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	23.47	23.47	23.41	24.50
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	23.51	23.51	23.43	24.50
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	23.53	23.50	23.42	24.50
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	23.47	23.45	23.43	24.50

【FR1 n77 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_Ant9_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		20.49		21.50
100	PI/2 BPSK	1	137		20.37		21.50
100	PI/2 BPSK	1	271		20.41		21.50
100	PI/2 BPSK	135	0		20.45		21.50
100	PI/2 BPSK	135	69		20.46		21.50
100	PI/2 BPSK	135	138		20.40		21.50
100	PI/2 BPSK	270	0		20.45		21.50
100	QPSK	1	1		20.41		21.50
100	QPSK	1	137		20.45		21.50
100	QPSK	1	271		20.43		21.50
100	QPSK	135	0		20.40		21.50
100	QPSK	135	69		20.44		21.50
100	QPSK	135	138		20.43		21.50
100	QPSK	270	0		20.37		21.50
100	16QAM	1	1		20.41		21.50
100	64QAM	1	1		20.44		21.50
100	256QAM	1	1		19.48		21.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	20.42	20.45	20.43	21.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	20.33	20.31	20.42	21.50

Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	20.27	20.39	20.40	21.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	20.39	20.32	20.33	21.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	20.33	20.40	20.35	21.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	20.37	20.37	20.38	21.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	20.40	20.37	20.34	21.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	20.31	20.35	20.32	21.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	20.36	20.37	20.30	21.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	20.34	20.34	20.35	21.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	20.30	20.36	20.35	21.50

【FR1 n77 (270)_FCC_Part 270

(3700~3980MHz)_HPUE_Ant9_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				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	20.39	20.44	20.41	21.50
100	PI/2 BPSK	1	137	20.26	20.41	20.29	21.50
100	PI/2 BPSK	1	271	20.23	20.42	20.30	21.50
100	PI/2 BPSK	135	0	20.21	20.39	20.30	21.50
100	PI/2 BPSK	135	69	20.38	20.43	20.39	21.50
100	PI/2 BPSK	135	138	20.20	20.38	20.23	21.50
100	PI/2 BPSK	270	0	20.31	20.43	20.34	21.50
100	QPSK	1	1	20.25	20.39	20.24	21.50
100	QPSK	1	137	20.25	20.43	20.34	21.50
100	QPSK	1	271	20.19	20.37	20.24	21.50
100	QPSK	135	0	20.21	20.40	20.24	21.50
100	QPSK	135	69	20.17	20.36	20.31	21.50
100	QPSK	135	138	20.22	20.38	20.26	21.50
100	QPSK	270	0	20.30	20.38	20.27	21.50
100	16QAM	1	1	20.33	20.43	20.27	21.50
100	64QAM	1	1	20.31	20.42	20.32	21.50
100	256QAM	1	1	19.14	19.26	19.17	20.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	20.35	20.32	20.33	21.50
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	20.37	20.39	20.32	21.50
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	20.36	20.40	20.31	21.50
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	20.37	20.43	20.38	21.50
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	20.24	20.40	20.38	21.50
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	20.25	20.30	20.28	21.50
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	20.26	20.33	20.28	21.50
Channel				647500	656000	664500	Tune-up limit

Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	20.30	20.36	20.29	21.50
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	20.27	20.32	20.34	21.50
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	20.35	20.41	20.32	21.50
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	20.35	20.30	20.38	21.50

【FR1 n77 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_Ant9_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		20.49		21.50
100	PI/2 BPSK	1	137		20.37		21.50
100	PI/2 BPSK	1	271		20.41		21.50
100	PI/2 BPSK	135	0		20.45		21.50
100	PI/2 BPSK	135	69		20.46		21.50
100	PI/2 BPSK	135	138		20.40		21.50
100	PI/2 BPSK	270	0		20.45		21.50
100	QPSK	1	1		20.41		21.50
100	QPSK	1	137		20.45		21.50
100	QPSK	1	271		20.43		21.50
100	QPSK	135	0		20.40		21.50
100	QPSK	135	69		20.44		21.50
100	QPSK	135	138		20.43		21.50
100	QPSK	270	0		20.37		21.50
100	16QAM	1	1		20.41		21.50
100	64QAM	1	1		20.44		21.50
100	256QAM	1	1		19.48		21.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	20.42	20.45	20.43	21.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	20.33	20.31	20.42	21.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	20.27	20.39	20.40	21.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	20.39	20.32	20.33	21.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	20.33	20.40	20.35	21.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	20.37	20.37	20.38	21.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	20.40	20.37	20.34	21.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	20.31	20.35	20.32	21.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	20.36	20.37	20.30	21.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	20.34	20.34	20.35	21.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	20.30	20.36	20.35	21.50

【FR1 n77 (270)_FCC_Part 270
(3700~3980MHz)_HPUE_Ant9_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	20.39	20.44	20.41	21.50
100	PI/2 BPSK	1	137	20.26	20.41	20.29	21.50
100	PI/2 BPSK	1	271	20.23	20.42	20.30	21.50
100	PI/2 BPSK	135	0	20.21	20.39	20.30	21.50
100	PI/2 BPSK	135	69	20.38	20.43	20.39	21.50
100	PI/2 BPSK	135	138	20.20	20.38	20.23	21.50
100	PI/2 BPSK	270	0	20.31	20.43	20.34	21.50
100	QPSK	1	1	20.25	20.39	20.24	21.50
100	QPSK	1	137	20.25	20.43	20.34	21.50
100	QPSK	1	271	20.19	20.37	20.24	21.50
100	QPSK	135	0	20.21	20.40	20.24	21.50
100	QPSK	135	69	20.17	20.36	20.31	21.50
100	QPSK	135	138	20.22	20.38	20.26	21.50
100	QPSK	270	0	20.30	20.38	20.27	21.50
100	16QAM	1	1	20.33	20.43	20.27	21.50
100	64QAM	1	1	20.31	20.42	20.32	21.50
100	256QAM	1	1	19.14	19.26	19.17	20.00
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	20.35	20.32	20.33	21.50
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	20.37	20.39	20.32	21.50
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	20.36	20.40	20.31	21.50
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	20.37	20.43	20.38	21.50
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	20.24	20.40	20.38	21.50
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	20.25	20.30	20.28	21.50
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	20.26	20.33	20.28	21.50
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	20.30	20.36	20.29	21.50
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	20.27	20.32	20.34	21.50
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	20.35	20.41	20.32	21.50
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	20.35	20.30	20.38	21.50

【FR1 n77 (27Q)_FCC_Part 27Q
(3450~3550MHz)_HPUE_Ant9_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		22.03		23.00
100	PI/2 BPSK	1	137		21.93		23.00
100	PI/2 BPSK	1	271		21.89		23.00
100	PI/2 BPSK	135	0		21.90		23.00
100	PI/2 BPSK	135	69		22.01		23.00
100	PI/2 BPSK	135	138		21.87		23.00
100	PI/2 BPSK	270	0		21.98		23.00

100	QPSK	1	1		21.96		23.00
100	QPSK	1	137		21.96		23.00
100	QPSK	1	271		21.89		23.00
100	QPSK	135	0		21.88		23.00
100	QPSK	135	69		21.89		23.00
100	QPSK	135	138		21.93		23.00
100	QPSK	270	0		21.87		23.00
100	16QAM	1	1		21.91		23.00
100	64QAM	1	1		21.44		22.00
100	256QAM	1	1		19.48		20.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	21.95	22.01	21.98	23.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	21.81	21.90	21.85	23.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	21.88	21.91	21.90	23.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	21.84	21.91	21.92	23.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	21.92	21.94	21.90	23.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	21.81	21.95	21.83	23.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	21.84	21.96	21.96	23.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	21.86	21.97	21.91	23.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	21.92	21.88	21.95	23.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	21.82	21.92	21.85	23.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	21.84	22.00	21.93	23.00

【FR1 n77 (270)_FCC_Part 270

(3700~3980MHz)_HPUE_Ant9_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	21.92	21.98	21.95	23.00
100	PI/2 BPSK	1	137	21.86	21.93	21.85	23.00
100	PI/2 BPSK	1	271	21.77	21.92	21.76	23.00
100	PI/2 BPSK	135	0	21.75	21.95	21.78	23.00
100	PI/2 BPSK	135	69	21.87	21.97	21.82	23.00
100	PI/2 BPSK	135	138	21.77	21.96	21.81	23.00
100	PI/2 BPSK	270	0	21.71	21.91	21.78	23.00
100	QPSK	1	1	21.83	21.91	21.79	23.00
100	QPSK	1	137	21.73	21.93	21.86	23.00
100	QPSK	1	271	21.88	21.98	21.92	23.00
100	QPSK	135	0	21.80	21.96	21.84	23.00
100	QPSK	135	69	21.70	21.86	21.76	23.00
100	QPSK	135	138	21.80	21.95	21.83	23.00
100	QPSK	270	0	21.73	21.89	21.72	23.00
100	16QAM	1	1	21.78	21.88	21.80	23.00
100	64QAM	1	1	21.28	21.42	21.28	22.00
100	256QAM	1	1	19.14	19.26	19.13	20.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	21.86	21.85	21.85	23.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	21.78	21.85	21.93	23.00

Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	21.82	21.90	21.84	23.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	21.81	21.91	21.91	23.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	21.81	21.90	21.93	23.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	21.84	21.95	21.89	23.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	21.77	21.94	21.94	23.00
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	21.77	21.89	21.88	23.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	21.83	21.95	21.86	23.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	21.81	21.94	21.87	23.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	21.85	21.87	21.86	23.00

【FR1 n77 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_Ant9_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		23.56		24.50
100	PI/2 BPSK	1	137		23.32		24.50
100	PI/2 BPSK	1	271		23.26		24.50
100	PI/2 BPSK	135	0		23.49		24.00
100	PI/2 BPSK	135	69		23.32		24.50
100	PI/2 BPSK	135	138		23.21		24.00
100	PI/2 BPSK	270	0		23.44		24.00
100	QPSK	1	1		23.50		24.50
100	QPSK	1	137		23.26		24.50
100	QPSK	1	271		23.42		24.50
100	QPSK	135	0		22.90		23.50
100	QPSK	135	69		23.34		24.50
100	QPSK	135	138		22.65		23.50
100	QPSK	270	0		22.82		23.50
100	16QAM	1	1		23.01		23.50
100	64QAM	1	1		21.44		22.00
100	256QAM	1	1		19.48		20.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	23.32	23.44	23.39	24.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	23.30	23.46	23.42	24.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	23.32	23.41	23.41	24.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	23.28	23.41	23.31	24.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	23.25	23.45	23.37	24.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	23.24	23.49	23.33	24.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	23.28	23.42	23.38	24.50
Channel				630834	633332	635832	Tune-up limit

	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	23.25	23.51	23.35	24.50
	Channel			630668	633332	636000	Tune-up limit (dBm)
	Frequency (MHz)			3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	23.28	23.49	23.42	24.50
	Channel			630500	633332	636166	Tune-up limit (dBm)
	Frequency (MHz)			3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	23.31	23.41	23.34	24.50
	Channel			630334	633332	636332	Tune-up limit (dBm)
	Frequency (MHz)			3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	23.32	23.43	23.41	24.50

【FR1 n77 (270)_FCC_Part 270

(3700~3980MHz)_HPUE_Ant9_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	23.57	23.59	23.55	24.50
100	PI/2 BPSK	1	137	23.12	23.27	23.09	24.50
100	PI/2 BPSK	1	271	23.39	23.43	23.34	24.50
100	PI/2 BPSK	135	0	23.20	23.35	23.18	24.00
100	PI/2 BPSK	135	69	23.45	23.49	23.43	24.50
100	PI/2 BPSK	135	138	23.28	23.40	23.30	24.00
100	PI/2 BPSK	270	0	23.38	23.42	23.35	24.00
100	QPSK	1	1	23.38	23.51	23.41	24.50
100	QPSK	1	137	23.20	23.31	23.16	24.50
100	QPSK	1	271	23.44	23.48	23.40	24.50
100	QPSK	135	0	22.90	22.97	22.86	23.50
100	QPSK	135	69	23.25	23.36	23.22	24.50
100	QPSK	135	138	22.95	22.98	22.80	23.50
100	QPSK	270	0	22.78	22.86	22.79	23.50
100	16QAM	1	1	22.79	22.91	22.86	23.50
100	64QAM	1	1	21.32	21.42	21.28	22.00
100	256QAM	1	1	19.11	19.26	19.16	20.00
	Channel			649668	656000	662332	Tune-up limit (dBm)
	Frequency (MHz)			3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	23.54	23.58	23.52	24.50
	Channel			649334	656000	662666	Tune-up limit (dBm)
	Frequency (MHz)			3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	23.51	23.56	23.45	24.50
	Channel			649000	656000	663000	Tune-up limit (dBm)
	Frequency (MHz)			3735	3840	3945	
70	PI/2 BPSK	1	1	23.48	23.51	23.53	24.50
	Channel			648668	656000	663332	Tune-up limit (dBm)
	Frequency (MHz)			3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	23.47	23.49	23.40	24.50
	Channel			648334	656000	663666	Tune-up limit (dBm)
	Frequency (MHz)			3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	23.50	23.53	23.52	24.50
	Channel			648000	656000	664000	Tune-up limit (dBm)
	Frequency (MHz)			3720	3840	3960	
40	PI/2 BPSK	1	1	23.42	23.45	23.53	24.50
	Channel			647668	656000	664332	Tune-up limit (dBm)
	Frequency (MHz)			3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	23.53	23.45	23.53	24.50
	Channel			647500	656000	664500	Tune-up limit (dBm)
	Frequency (MHz)			3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	23.47	23.47	23.41	24.50
	Channel			647334	656000	664666	Tune-up limit (dBm)
	Frequency (MHz)			3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	23.51	23.51	23.43	24.50
	Channel			647168	656000	664832	Tune-up limit (dBm)
	Frequency (MHz)			3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	23.53	23.50	23.42	24.50
	Channel			647000	656000	665000	Tune-up limit (dBm)
	Frequency (MHz)			3705	3840	3975	
10	PI/2 BPSK	1	1	23.47	23.45	23.43	24.50

【FR1 n77 (27Q)_FCC_Part 27Q

(3450~3550MHz)_Ant10_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		25.24		26.00
100	PI/2 BPSK	1	137		25.18		26.00
100	PI/2 BPSK	1	271		25.21		26.00
100	PI/2 BPSK	135	0		25.19		26.00
100	PI/2 BPSK	135	69		25.23		26.00
100	PI/2 BPSK	135	138		25.18		26.00
100	PI/2 BPSK	270	0		25.17		26.00
100	QPSK	1	1		25.23		26.00
100	QPSK	1	137		25.19		26.00
100	QPSK	1	271		25.17		26.00
100	QPSK	135	0		25.18		26.00
100	QPSK	135	69		25.21		26.00
100	QPSK	135	138		25.14		26.00
100	QPSK	270	0		25.17		26.00
100	16QAM	1	1		25.17		26.00
100	64QAM	1	1		24.66		25.50
100	256QAM	1	1		22.38		23.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	25.18	25.21	25.15	26.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	25.07	25.12	25.13	26.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	25.11	25.09	25.02	26.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	25.09	25.11	25.14	26.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	25.08	25.18	25.01	26.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	25.06	25.18	25.01	26.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	25.09	25.10	25.06	26.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	25.13	25.10	25.09	26.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	25.14	25.13	25.13	26.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	25.11	25.16	25.05	26.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	25.05	25.10	25.04	26.00

【FR1 n77 (27O)_FCC_Part 27O

(3700~3980MHz)_Ant10_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	25.08	25.09	25.01	26.00
100	PI/2 BPSK	1	137	24.96	25.02	24.92	26.00
100	PI/2 BPSK	1	271	24.94	25.06	24.95	26.00
100	PI/2 BPSK	135	0	24.93	25.07	24.95	26.00
100	PI/2 BPSK	135	69	25.05	25.08	24.99	26.00
100	PI/2 BPSK	135	138	24.93	25.03	24.83	26.00

100	PI/2 BPSK	270	0	25.00	25.05	24.96	26.00
100	QPSK	1	1	24.94	25.06	24.90	26.00
100	QPSK	1	137	24.90	25.03	24.90	26.00
100	QPSK	1	271	24.88	25.00	24.82	26.00
100	QPSK	135	0	24.93	25.00	24.79	26.00
100	QPSK	135	69	24.97	25.07	24.97	26.00
100	QPSK	135	138	25.02	25.05	24.87	26.00
100	QPSK	270	0	24.92	25.03	24.93	26.00
100	16QAM	1	1	24.97	25.00	24.80	26.00
100	64QAM	1	1	24.36	24.48	24.28	25.50
100	256QAM	1	1	22.20	22.29	22.19	23.50
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	25.04	25.06	24.97	26.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	25.03	24.97	24.97	26.00
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	24.96	25.08	24.88	26.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	24.97	25.00	24.99	26.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	25.03	25.06	24.95	26.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	25.01	25.01	24.94	26.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	25.00	25.03	24.97	26.00
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	24.95	25.00	24.86	26.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	24.95	24.99	24.98	26.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	24.96	25.07	25.00	26.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	24.96	24.95	24.87	26.00

【FR1 n77 (27Q)_FCC_Part 27Q

(3450~3550MHz)_Ant10_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		12.45		13.50
100	PI/2 BPSK	1	137		12.33		13.50
100	PI/2 BPSK	1	271		12.37		13.50
100	PI/2 BPSK	135	0		12.38		13.50
100	PI/2 BPSK	135	69		12.44		13.50
100	PI/2 BPSK	135	138		12.32		13.50
100	PI/2 BPSK	270	0		12.39		13.50
100	QPSK	1	1		12.43		13.50
100	QPSK	1	137		12.39		13.50
100	QPSK	1	271		12.38		13.50
100	QPSK	135	0		12.43		13.50
100	QPSK	135	69		12.36		13.50
100	QPSK	135	138		12.43		13.50
100	QPSK	270	0		12.33		13.50
100	16QAM	1	1		12.36		13.50
100	64QAM	1	1		12.42		13.50
100	256QAM	1	1		12.34		13.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	12.41	12.43	12.37	13.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)

80	PI/2 BPSK	1	1	12.31	12.36	12.27	13.50
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	12.27	12.33	12.25	13.50
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	12.34	12.35	12.25	13.50
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	12.29	12.31	12.30	13.50
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	12.32	12.29	12.23	13.50
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	12.26	12.29	12.27	13.50
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	12.34	12.35	12.31	13.50
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	12.27	12.40	12.34	13.50
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	12.36	12.32	12.26	13.50
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	12.34	12.30	12.25	13.50

【FR1 n77 (270)_FCC_Part 270

(3700~3980MHz)_Ant10_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	12.31	12.35	12.28	13.50
100	PI/2 BPSK	1	137	12.17	12.31	12.18	13.50
100	PI/2 BPSK	1	271	12.13	12.24	12.06	13.50
100	PI/2 BPSK	135	0	12.18	12.32	12.20	13.50
100	PI/2 BPSK	135	69	12.16	12.34	12.19	13.50
100	PI/2 BPSK	135	138	12.09	12.27	12.11	13.50
100	PI/2 BPSK	270	0	11.92	12.10	11.92	13.50
100	QPSK	1	1	12.20	12.29	12.20	13.50
100	QPSK	1	137	12.15	12.26	12.09	13.50
100	QPSK	1	271	12.09	12.28	12.07	13.50
100	QPSK	135	0	12.22	12.29	12.16	13.50
100	QPSK	135	69	12.14	12.30	12.22	13.50
100	QPSK	135	138	12.17	12.29	12.12	13.50
100	QPSK	270	0	12.19	12.29	12.09	13.50
100	16QAM	1	1	12.24	12.31	12.10	13.50
100	64QAM	1	1	12.12	12.28	12.19	13.50
100	256QAM	1	1	12.20	12.25	12.17	13.50
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	12.19	12.23	12.26	13.50
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	12.27	12.31	12.14	13.50
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	12.17	12.21	12.24	13.50
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	12.30	12.34	12.15	13.50
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	12.21	12.23	12.26	13.50
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	12.17	12.30	12.19	13.50
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	12.29	12.24	12.25	13.50

Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	12.23	12.28	12.20	13.50
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	12.26	12.25	12.21	13.50
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	12.20	12.28	12.23	13.50
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	12.22	12.22	12.22	13.50

【FR1 n77 (27Q)_FCC_Part 27Q

(3450~3550MHz)_Ant10_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		12.45		13.50
100	PI/2 BPSK	1	137		12.33		13.50
100	PI/2 BPSK	1	271		12.37		13.50
100	PI/2 BPSK	135	0		12.38		13.50
100	PI/2 BPSK	135	69		12.44		13.50
100	PI/2 BPSK	135	138		12.32		13.50
100	PI/2 BPSK	270	0		12.39		13.50
100	QPSK	1	1		12.43		13.50
100	QPSK	1	137		12.39		13.50
100	QPSK	1	271		12.38		13.50
100	QPSK	135	0		12.43		13.50
100	QPSK	135	69		12.36		13.50
100	QPSK	135	138		12.43		13.50
100	QPSK	270	0		12.33		13.50
100	16QAM	1	1		12.36		13.50
100	64QAM	1	1		12.42		13.50
100	256QAM	1	1		12.34		13.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	12.41	12.43	12.37	13.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	12.31	12.36	12.27	13.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	12.27	12.33	12.25	13.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	12.34	12.35	12.25	13.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	12.29	12.31	12.30	13.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	12.32	12.29	12.23	13.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	12.26	12.29	12.27	13.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	12.34	12.35	12.31	13.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	12.27	12.40	12.34	13.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	12.36	12.32	12.26	13.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	12.34	12.30	12.25	13.50

【FR1 n77 (270)_FCC_Part 270
(3700~3980MHz)_Ant10_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	Tune-up limit (dBm)
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	12.31	12.35	12.28	13.50
100	PI/2 BPSK	1	137	12.17	12.31	12.18	13.50
100	PI/2 BPSK	1	271	12.13	12.24	12.06	13.50
100	PI/2 BPSK	135	0	12.18	12.32	12.20	13.50
100	PI/2 BPSK	135	69	12.16	12.34	12.19	13.50
100	PI/2 BPSK	135	138	12.09	12.27	12.11	13.50
100	PI/2 BPSK	270	0	11.92	12.10	11.92	13.50
100	QPSK	1	1	12.20	12.29	12.20	13.50
100	QPSK	1	137	12.15	12.26	12.09	13.50
100	QPSK	1	271	12.09	12.28	12.07	13.50
100	QPSK	135	0	12.22	12.29	12.16	13.50
100	QPSK	135	69	12.14	12.30	12.22	13.50
100	QPSK	135	138	12.17	12.29	12.12	13.50
100	QPSK	270	0	12.19	12.29	12.09	13.50
100	16QAM	1	1	12.24	12.31	12.10	13.50
100	64QAM	1	1	12.12	12.28	12.19	13.50
100	256QAM	1	1	12.20	12.25	12.17	13.50
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	12.19	12.23	12.26	13.50
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	12.27	12.31	12.14	13.50
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	12.17	12.21	12.24	13.50
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	12.30	12.34	12.15	13.50
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	12.21	12.23	12.26	13.50
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	12.17	12.30	12.19	13.50
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	12.29	12.24	12.25	13.50
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	12.23	12.28	12.20	13.50
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	12.26	12.25	12.21	13.50
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	12.20	12.28	12.23	13.50
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	12.22	12.22	12.22	13.50

【FR1 n77 (27Q)_FCC_Part 27Q
(3450~3550MHz)_Ant10_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		Tune-up limit (dBm)
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		16.48		17.50
100	PI/2 BPSK	1	137		16.34		17.50
100	PI/2 BPSK	1	271		16.39		17.50
100	PI/2 BPSK	135	0		16.38		17.50
100	PI/2 BPSK	135	69		16.45		17.50
100	PI/2 BPSK	135	138		16.33		17.50
100	PI/2 BPSK	270	0		16.42		17.50
100	QPSK	1	1		16.40		17.50

100	QPSK	1	137		16.38		17.50
100	QPSK	1	271		16.33		17.50
100	QPSK	135	0		16.40		17.50
100	QPSK	135	69		16.43		17.50
100	QPSK	135	138		16.40		17.50
100	QPSK	270	0		16.34		17.50
100	16QAM	1	1		16.34		17.50
100	64QAM	1	1		16.38		17.50
100	256QAM	1	1		16.34		17.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	16.45	16.42	16.43	17.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	16.31	16.27	16.31	17.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	16.42	16.31	16.35	17.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	16.31	16.28	16.32	17.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	16.42	16.36	16.39	17.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	16.43	16.32	16.34	17.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	16.36	16.37	16.35	17.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	16.37	16.40	16.30	17.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	16.39	16.32	16.37	17.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	16.37	16.34	16.39	17.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	16.42	16.29	16.35	17.50

【FR1 n77 (270)_FCC_Part 270

(3700~3980MHz)_Ant10_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	16.31	16.36	16.28	17.50
100	PI/2 BPSK	1	137	16.12	16.23	16.04	17.50
100	PI/2 BPSK	1	271	16.15	16.28	16.15	17.50
100	PI/2 BPSK	135	0	16.12	16.31	16.09	17.50
100	PI/2 BPSK	135	69	16.23	16.34	16.29	17.50
100	PI/2 BPSK	135	138	16.09	16.23	16.00	17.50
100	PI/2 BPSK	270	0	16.23	16.33	16.12	17.50
100	QPSK	1	1	16.23	16.32	16.22	17.50
100	QPSK	1	137	16.05	16.23	16.14	17.50
100	QPSK	1	271	16.14	16.30	16.14	17.50
100	QPSK	135	0	16.14	16.28	16.09	17.50
100	QPSK	135	69	16.21	16.30	16.18	17.50
100	QPSK	135	138	16.26	16.34	16.15	17.50
100	QPSK	270	0	16.16	16.34	16.16	17.50
100	16QAM	1	1	16.14	16.25	16.06	17.50
100	64QAM	1	1	16.19	16.33	16.17	17.50
100	256QAM	1	1	16.18	16.34	16.11	17.50
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	16.22	16.26	16.19	17.50
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	16.19	16.21	16.19	17.50
Channel				649000	656000	663000	Tune-up limit

	Frequency (MHz)			3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	16.28	16.24	16.14	17.50
	Channel			648668	656000	663332	Tune-up limit (dBm)
	Frequency (MHz)			3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	16.27	16.27	16.14	17.50
	Channel			648334	656000	663666	Tune-up limit (dBm)
	Frequency (MHz)			3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	16.24	16.32	16.14	17.50
	Channel			648000	656000	664000	Tune-up limit (dBm)
	Frequency (MHz)			3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	16.26	16.25	16.15	17.50
	Channel			647668	656000	664332	Tune-up limit (dBm)
	Frequency (MHz)			3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	16.21	16.31	16.25	17.50
	Channel			647500	656000	664500	Tune-up limit (dBm)
	Frequency (MHz)			3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	16.25	16.26	16.20	17.50
	Channel			647334	656000	664666	Tune-up limit (dBm)
	Frequency (MHz)			3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	16.30	16.28	16.21	17.50
	Channel			647168	656000	664832	Tune-up limit (dBm)
	Frequency (MHz)			3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	16.22	16.28	16.22	17.50
	Channel			647000	656000	665000	Tune-up limit (dBm)
	Frequency (MHz)			3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	16.20	16.27	16.24	17.50

【FR1 n77 (27Q)_FCC_Part 27Q

(3450~3550MHz)_Ant10_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		26.00
100	PI/2 BPSK	1	137		25.18		26.00
100	PI/2 BPSK	1	271		25.21		26.00
100	PI/2 BPSK	135	0		25.19		26.00
100	PI/2 BPSK	135	69		25.23		26.00
100	PI/2 BPSK	135	138		25.18		26.00
100	PI/2 BPSK	270	0		25.17		26.00
100	QPSK	1	1		25.23		26.00
100	QPSK	1	137		25.19		26.00
100	QPSK	1	271		25.17		26.00
100	QPSK	135	0		25.18		26.00
100	QPSK	135	69		25.21		26.00
100	QPSK	135	138		25.14		26.00
100	QPSK	270	0		25.17		26.00
100	16QAM	1	1		25.17		26.00
100	64QAM	1	1		24.66		25.50
100	256QAM	1	1		22.38		23.50
	Channel			633000	633332	633666	Tune-up limit (dBm)
	Frequency (MHz)			3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	25.18	25.21	25.15	26.00
	Channel			632668	633332	634000	Tune-up limit (dBm)
	Frequency (MHz)			3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	25.07	25.12	25.13	26.00
	Channel			632334	633332	634332	Tune-up limit (dBm)
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	25.11	25.09	25.02	26.00
	Channel			632000	633332	634666	Tune-up limit (dBm)
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	25.09	25.11	25.14	26.00
	Channel			631668	633332	635000	Tune-up limit (dBm)
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	25.08	25.18	25.01	26.00
	Channel			631334	633332	635332	Tune-up limit (dBm)
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	25.06	25.18	25.01	26.00
	Channel			631000	633332	635666	Tune-up limit (dBm)
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	25.09	25.10	25.06	26.00
	Channel			630834	633332	635832	Tune-up limit (dBm)
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)

25	PI/2 BPSK	1	1	25.13	25.10	25.09	26.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	25.14	25.13	25.13	26.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	25.11	25.16	25.05	26.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	25.05	25.10	25.04	26.00

【FR1 n77 (270)_FCC_Part 270

(3700~3980MHz)_Ant10_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	25.08	25.09	25.01	26.00
100	PI/2 BPSK	1	137	24.96	25.02	24.92	26.00
100	PI/2 BPSK	1	271	24.94	25.06	24.95	26.00
100	PI/2 BPSK	135	0	24.93	25.07	24.95	26.00
100	PI/2 BPSK	135	69	25.05	25.08	24.99	26.00
100	PI/2 BPSK	135	138	24.93	25.03	24.83	26.00
100	PI/2 BPSK	270	0	25.00	25.05	24.96	26.00
100	QPSK	1	1	24.94	25.06	24.90	26.00
100	QPSK	1	137	24.90	25.03	24.90	26.00
100	QPSK	1	271	24.88	25.00	24.82	26.00
100	QPSK	135	0	24.93	25.00	24.79	26.00
100	QPSK	135	69	24.97	25.07	24.97	26.00
100	QPSK	135	138	25.02	25.05	24.87	26.00
100	QPSK	270	0	24.92	25.03	24.93	26.00
100	16QAM	1	1	24.97	25.00	24.80	26.00
100	64QAM	1	1	24.36	24.48	24.28	25.50
100	256QAM	1	1	22.20	22.29	22.19	23.50
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	25.04	25.06	24.97	26.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	25.03	24.97	24.97	26.00
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	24.96	25.08	24.88	26.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	24.97	25.00	24.99	26.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	25.03	25.06	24.95	26.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	25.01	25.01	24.94	26.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	25.00	25.03	24.97	26.00
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	24.95	25.00	24.86	26.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	24.95	24.99	24.98	26.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	24.96	25.07	25.00	26.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	24.96	24.95	24.87	26.00

【FR1 n77 (27Q)_FCC_Part 27Q
(3450~3550MHz)_HPUE_Ant10_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		28.00
100	PI/2 BPSK	1	137		27.15		28.00
100	PI/2 BPSK	1	271		27.16		28.00
100	PI/2 BPSK	135	0		26.84		27.50
100	PI/2 BPSK	135	69		27.35		28.00
100	PI/2 BPSK	135	138		26.84		27.50
100	PI/2 BPSK	270	0		26.75		27.50
100	QPSK	1	1		27.20		28.00
100	QPSK	1	137		27.18		28.00
100	QPSK	1	271		27.19		28.00
100	QPSK	135	0		26.28		27.00
100	QPSK	135	69		27.13		28.00
100	QPSK	135	138		26.28		27.00
100	QPSK	270	0		26.42		27.00
100	16QAM	1	1		26.29		27.00
100	64QAM	1	1		24.77		25.50
100	256QAM	1	1		22.46		23.50
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	27.15	27.20	27.19	28.00
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	27.10	27.18	27.10	28.00
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	27.05	27.17	27.09	28.00
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	27.07	27.14	27.09	28.00
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	27.05	27.19	27.06	28.00
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	27.02	27.17	27.04	28.00
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	27.07	27.09	27.15	28.00
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	27.05	27.06	27.13	28.00
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	27.12	27.09	27.05	28.00
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	27.01	27.17	27.04	28.00
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	27.12	27.18	27.15	28.00

【FR1 n77 (27O)_FCC_Part 27O
(3700~3980MHz)_HPUE_Ant10_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	27.05	27.06	26.95	28.00
100	PI/2 BPSK	1	137	26.84	26.97	26.84	28.00
100	PI/2 BPSK	1	271	26.94	26.97	26.84	28.00
100	PI/2 BPSK	135	0	26.52	26.59	26.39	27.50
100	PI/2 BPSK	135	69	26.98	27.02	26.87	28.00
100	PI/2 BPSK	135	138	26.23	26.26	26.07	27.50
100	PI/2 BPSK	270	0	26.36	26.41	26.28	27.50

100	QPSK	1	1	26.94	27.05	26.92	28.00
100	QPSK	1	137	26.78	26.83	26.66	28.00
100	QPSK	1	271	26.91	27.03	26.77	28.00
100	QPSK	135	0	25.95	26.02	25.85	27.00
100	QPSK	135	69	26.69	26.85	26.60	28.00
100	QPSK	135	138	25.89	25.91	25.68	27.00
100	QPSK	270	0	25.94	26.05	25.88	27.00
100	16QAM	1	1	26.05	26.10	25.96	27.00
100	64QAM	1	1	24.49	24.63	24.49	25.50
100	256QAM	1	1	22.42	22.47	22.25	23.50
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	26.95	26.93	26.89	28.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	26.98	27.00	26.89	28.00
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	26.96	26.98	26.92	28.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	26.92	26.99	26.85	28.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	26.93	26.91	26.84	28.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	26.98	26.99	26.86	28.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	26.93	27.04	26.92	28.00
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	27.00	27.04	26.85	28.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	27.02	26.99	26.90	28.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	26.90	26.97	26.81	28.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	26.96	26.97	26.86	28.00

【FR1 n77 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_Ant10_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		15.47		16.50
100	PI/2 BPSK	1	137		15.35		16.50
100	PI/2 BPSK	1	271		15.42		16.50
100	PI/2 BPSK	135	0		15.33		16.50
100	PI/2 BPSK	135	69		15.34		16.50
100	PI/2 BPSK	135	138		15.35		16.50
100	PI/2 BPSK	270	0		15.43		16.50
100	QPSK	1	1		15.37		16.50
100	QPSK	1	137		15.37		16.50
100	QPSK	1	271		15.43		16.50
100	QPSK	135	0		15.39		16.50
100	QPSK	135	69		15.45		16.50
100	QPSK	135	138		15.38		16.50
100	QPSK	270	0		15.35		16.50
100	16QAM	1	1		15.39		16.50
100	64QAM	1	1		15.42		16.50
100	256QAM	1	1		15.37		16.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	15.42	15.45	15.39	16.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	15.29	15.30	15.34	16.50

Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	15.36	15.44	15.33	16.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	15.32	15.42	15.30	16.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	15.29	15.42	15.32	16.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	15.34	15.36	15.29	16.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	15.28	15.34	15.25	16.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	15.29	15.37	15.36	16.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	15.27	15.34	15.31	16.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	15.36	15.40	15.26	16.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	15.37	15.41	15.27	16.50

【FR1 n77 (270)_FCC_Part 270

(3700~3980MHz)_HPUE_Ant10_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	15.37	15.44	15.33	16.50
100	PI/2 BPSK	1	137	15.14	15.31	15.15	16.50
100	PI/2 BPSK	1	271	15.10	15.30	15.18	16.50
100	PI/2 BPSK	135	0	15.22	15.40	15.16	16.50
100	PI/2 BPSK	135	69	15.28	15.42	15.32	16.50
100	PI/2 BPSK	135	138	15.16	15.35	15.20	16.50
100	PI/2 BPSK	270	0	15.25	15.37	15.17	16.50
100	QPSK	1	1	15.19	15.28	15.13	16.50
100	QPSK	1	137	15.17	15.32	15.16	16.50
100	QPSK	1	271	15.14	15.30	15.06	16.50
100	QPSK	135	0	15.12	15.29	15.08	16.50
100	QPSK	135	69	15.15	15.32	15.19	16.50
100	QPSK	135	138	15.24	15.34	15.13	16.50
100	QPSK	270	0	15.22	15.38	15.16	16.50
100	16QAM	1	1	15.20	15.36	15.17	16.50
100	64QAM	1	1	15.19	15.38	15.25	16.50
100	256QAM	1	1	15.15	15.32	15.13	16.50
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	15.30	15.33	15.32	16.50
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	15.34	15.39	15.24	16.50
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	15.33	15.36	15.26	16.50
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	15.29	15.37	15.20	16.50
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	15.33	15.40	15.28	16.50
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	15.24	15.32	15.18	16.50
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	15.34	15.42	15.20	16.50
Channel				647500	656000	664500	Tune-up limit

Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	15.31	15.33	15.24	16.50
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	15.35	15.33	15.28	16.50
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	15.31	15.37	15.22	16.50
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	15.35	15.35	15.21	16.50

【FR1 n77 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_Ant10_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		15.47		16.50
100	PI/2 BPSK	1	137		15.35		16.50
100	PI/2 BPSK	1	271		15.42		16.50
100	PI/2 BPSK	135	0		15.33		16.50
100	PI/2 BPSK	135	69		15.34		16.50
100	PI/2 BPSK	135	138		15.35		16.50
100	PI/2 BPSK	270	0		15.43		16.50
100	QPSK	1	1		15.37		16.50
100	QPSK	1	137		15.37		16.50
100	QPSK	1	271		15.43		16.50
100	QPSK	135	0		15.39		16.50
100	QPSK	135	69		15.45		16.50
100	QPSK	135	138		15.38		16.50
100	QPSK	270	0		15.35		16.50
100	16QAM	1	1		15.39		16.50
100	64QAM	1	1		15.42		16.50
100	256QAM	1	1		15.37		16.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	15.42	15.45	15.39	16.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	15.29	15.30	15.34	16.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	15.36	15.44	15.33	16.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	15.32	15.42	15.30	16.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	15.29	15.42	15.32	16.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	15.34	15.36	15.29	16.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	15.28	15.34	15.25	16.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	15.29	15.37	15.36	16.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	15.27	15.34	15.31	16.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	15.36	15.40	15.26	16.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	15.37	15.41	15.27	16.50

【FR1 n77 (270)_FCC_Part 27O
(3700~3980MHz)_HPUE_Ant10_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	15.37	15.44	15.33	16.50
100	PI/2 BPSK	1	137	15.14	15.31	15.15	16.50
100	PI/2 BPSK	1	271	15.10	15.30	15.18	16.50
100	PI/2 BPSK	135	0	15.22	15.40	15.16	16.50
100	PI/2 BPSK	135	69	15.28	15.42	15.32	16.50
100	PI/2 BPSK	135	138	15.16	15.35	15.20	16.50
100	PI/2 BPSK	270	0	15.25	15.37	15.17	16.50
100	QPSK	1	1	15.19	15.28	15.13	16.50
100	QPSK	1	137	15.17	15.32	15.16	16.50
100	QPSK	1	271	15.14	15.30	15.06	16.50
100	QPSK	135	0	15.12	15.29	15.08	16.50
100	QPSK	135	69	15.15	15.32	15.19	16.50
100	QPSK	135	138	15.24	15.34	15.13	16.50
100	QPSK	270	0	15.22	15.38	15.16	16.50
100	16QAM	1	1	15.20	15.36	15.17	16.50
100	64QAM	1	1	15.19	15.38	15.25	16.50
100	256QAM	1	1	15.15	15.32	15.13	16.50
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	15.30	15.33	15.32	16.50
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	15.34	15.39	15.24	16.50
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	15.33	15.36	15.26	16.50
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	15.29	15.37	15.20	16.50
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	15.33	15.40	15.28	16.50
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	15.24	15.32	15.18	16.50
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	15.34	15.42	15.20	16.50
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	15.31	15.33	15.24	16.50
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	15.35	15.33	15.28	16.50
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	15.31	15.37	15.22	16.50
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	15.35	15.35	15.21	16.50

【FR1 n77 (27Q)_FCC_Part 27Q
(3450~3550MHz)_HPUE_Ant10_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		19.48		20.50
100	PI/2 BPSK	1	137		19.43		20.50
100	PI/2 BPSK	1	271		19.41		20.50
100	PI/2 BPSK	135	0		19.38		20.50
100	PI/2 BPSK	135	69		19.45		20.50
100	PI/2 BPSK	135	138		19.34		20.50
100	PI/2 BPSK	270	0		19.42		20.50

100	QPSK	1	1		19.41		20.50
100	QPSK	1	137		19.43		20.50
100	QPSK	1	271		19.36		20.50
100	QPSK	135	0		19.34		20.50
100	QPSK	135	69		19.42		20.50
100	QPSK	135	138		19.34		20.50
100	QPSK	270	0		19.39		20.50
100	16QAM	1	1		19.39		20.50
100	64QAM	1	1		19.43		20.50
100	256QAM	1	1		19.37		20.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	19.39	19.45	19.41	20.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	19.38	19.33	19.29	20.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	19.25	19.42	19.26	20.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	19.29	19.34	19.26	20.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	19.29	19.35	19.30	20.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	19.32	19.42	19.31	20.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	19.37	19.41	19.28	20.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	19.28	19.42	19.35	20.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	19.32	19.38	19.37	20.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	19.32	19.43	19.35	20.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	19.34	19.38	19.26	20.50

【FR1 n77 (270)_FCC_Part 270

(3700~3980MHz)_HPUE_Ant10_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	19.28	19.35	19.31	20.50
100	PI/2 BPSK	1	137	19.06	19.25	19.16	20.50
100	PI/2 BPSK	1	271	19.16	19.26	19.14	20.50
100	PI/2 BPSK	135	0	19.12	19.32	19.26	20.50
100	PI/2 BPSK	135	69	19.22	19.32	19.28	20.50
100	PI/2 BPSK	135	138	19.11	19.28	19.13	20.50
100	PI/2 BPSK	270	0	19.12	19.28	19.19	20.50
100	QPSK	1	1	19.14	19.31	19.24	20.50
100	QPSK	1	137	19.05	19.22	19.04	20.50
100	QPSK	1	271	19.17	19.31	19.26	20.50
100	QPSK	135	0	19.06	19.26	19.18	20.50
100	QPSK	135	69	19.12	19.27	19.12	20.50
100	QPSK	135	138	19.05	19.27	19.11	20.50
100	QPSK	270	0	19.20	19.30	19.12	20.50
100	16QAM	1	1	19.23	19.34	19.25	20.50
100	64QAM	1	1	19.20	19.32	19.27	20.50
100	256QAM	1	1	19.14	19.23	19.16	20.50
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	19.21	19.28	19.29	20.50
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	19.19	19.24	19.27	20.50

Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	19.19	19.22	19.18	20.50
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	19.23	19.32	19.18	20.50
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	19.18	19.21	19.29	20.50
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	19.21	19.30	19.17	20.50
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	19.19	19.22	19.27	20.50
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	19.25	19.31	19.20	20.50
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	19.21	19.24	19.19	20.50
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	19.18	19.33	19.18	20.50
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	19.23	19.22	19.26	20.50

【FR1 n77 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_Ant10_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		27.21		28.00
100	PI/2 BPSK	1	137		27.15		28.00
100	PI/2 BPSK	1	271		27.16		28.00
100	PI/2 BPSK	135	0		26.84		27.50
100	PI/2 BPSK	135	69		27.35		28.00
100	PI/2 BPSK	135	138		26.84		27.50
100	PI/2 BPSK	270	0		26.75		27.50
100	QPSK	1	1		27.20		28.00
100	QPSK	1	137		27.18		28.00
100	QPSK	1	271		27.19		28.00
100	QPSK	135	0		26.28		27.00
100	QPSK	135	69		27.13		28.00
100	QPSK	135	138		26.28		27.00
100	QPSK	270	0		26.42		27.00
100	16QAM	1	1		26.29		27.00
100	64QAM	1	1		24.77		25.50
100	256QAM	1	1		22.46		23.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	27.15	27.20	27.19	28.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	27.10	27.18	27.10	28.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	27.05	27.17	27.09	28.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	27.07	27.14	27.09	28.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	27.05	27.19	27.06	28.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	27.02	27.17	27.04	28.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	27.07	27.09	27.15	28.00
Channel				630834	633332	635832	Tune-up limit

	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	27.05	27.06	27.13	28.00
	Channel			630668	633332	636000	Tune-up limit
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	27.12	27.09	27.05	28.00
	Channel			630500	633332	636166	Tune-up limit
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	27.01	27.17	27.04	28.00
	Channel			630334	633332	636332	Tune-up limit
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	27.12	27.18	27.15	28.00

【FR1 n77 (270)_FCC_Part 270

(3700~3980MHz)_HPUE_Ant10_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	27.05	27.06	26.95	28.00
100	PI/2 BPSK	1	137	26.84	26.97	26.84	28.00
100	PI/2 BPSK	1	271	26.94	26.97	26.84	28.00
100	PI/2 BPSK	135	0	26.52	26.59	26.39	27.50
100	PI/2 BPSK	135	69	26.98	27.02	26.87	28.00
100	PI/2 BPSK	135	138	26.23	26.26	26.07	27.50
100	PI/2 BPSK	270	0	26.36	26.41	26.28	27.50
100	QPSK	1	1	26.94	27.05	26.92	28.00
100	QPSK	1	137	26.78	26.83	26.66	28.00
100	QPSK	1	271	26.91	27.03	26.77	28.00
100	QPSK	135	0	25.95	26.02	25.85	27.00
100	QPSK	135	69	26.69	26.85	26.60	28.00
100	QPSK	135	138	25.89	25.91	25.68	27.00
100	QPSK	270	0	25.94	26.05	25.88	27.00
100	16QAM	1	1	26.05	26.10	25.96	27.00
100	64QAM	1	1	24.49	24.63	24.49	25.50
100	256QAM	1	1	22.42	22.47	22.25	23.50
	Channel			649668	656000	662332	Tune-up limit
	Frequency (MHz)			3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	26.95	26.93	26.89	28.00
	Channel			649334	656000	662666	Tune-up limit
	Frequency (MHz)			3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	26.98	27.00	26.89	28.00
	Channel			649000	656000	663000	Tune-up limit
	Frequency (MHz)			3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	26.96	26.98	26.92	28.00
	Channel			648668	656000	663332	Tune-up limit
	Frequency (MHz)			3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	26.92	26.99	26.85	28.00
	Channel			648334	656000	663666	Tune-up limit
	Frequency (MHz)			3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	26.93	26.91	26.84	28.00
	Channel			648000	656000	664000	Tune-up limit
	Frequency (MHz)			3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	26.98	26.99	26.86	28.00
	Channel			647668	656000	664332	Tune-up limit
	Frequency (MHz)			3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	26.93	27.04	26.92	28.00
	Channel			647500	656000	664500	Tune-up limit
	Frequency (MHz)			3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	27.00	27.04	26.85	28.00
	Channel			647334	656000	664666	Tune-up limit
	Frequency (MHz)			3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	27.02	26.99	26.90	28.00
	Channel			647168	656000	664832	Tune-up limit
	Frequency (MHz)			3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	26.90	26.97	26.81	28.00
	Channel			647000	656000	665000	Tune-up limit
	Frequency (MHz)			3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	26.96	26.97	26.86	28.00

【FR1 n77 (27Q)___FCC_Part 27Q
(3450~3550MHz)_Ant11_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		22.32		23.00
100	PI/2 BPSK	1	137		21.84		23.00
100	PI/2 BPSK	1	271		21.91		23.00
100	PI/2 BPSK	135	0		22.07		22.50
100	PI/2 BPSK	135	69		22.12		23.00
100	PI/2 BPSK	135	138		21.85		22.50
100	PI/2 BPSK	270	0		21.92		22.50
100	QPSK	1	1		22.17		23.00
100	QPSK	1	137		21.81		23.00
100	QPSK	1	271		21.79		23.00
100	QPSK	135	0		22.06		23.00
100	QPSK	135	69		21.85		23.00
100	QPSK	135	138		21.77		23.00
100	QPSK	270	0		21.94		23.00
100	16QAM	1	1		22.29		23.00
100	64QAM	1	1		21.75		23.00
100	256QAM	1	1		19.42		21.00
Channel				633000	633332	633666	
Frequency (MHz)				3495	3499.98	3504.99	Tune-up limit (dBm)
90	PI/2 BPSK	1	1	22.21	22.28	22.23	23.00
Channel				632668	633332	634000	
Frequency (MHz)				3490.02	3499.98	3510	Tune-up limit (dBm)
80	PI/2 BPSK	1	1	22.11	22.14	22.15	23.00
Channel				632334	633332	634332	
Frequency (MHz)				3485.01	3499.98	3514.98	Tune-up limit (dBm)
70	PI/2 BPSK	1	1	22.14	22.20	22.13	23.00
Channel				632000	633332	634666	
Frequency (MHz)				3480	3499.98	3519.99	Tune-up limit (dBm)
60	PI/2 BPSK	1	1	22.14	22.26	22.11	23.00
Channel				631668	633332	635000	
Frequency (MHz)				3475.02	3499.98	3525	Tune-up limit (dBm)
50	PI/2 BPSK	1	1	22.14	22.26	22.20	23.00
Channel				631334	633332	635332	
Frequency (MHz)				3470.01	3499.98	3529.98	Tune-up limit (dBm)
40	PI/2 BPSK	1	1	22.11	22.14	22.12	23.00
Channel				631000	633332	635666	
Frequency (MHz)				3465	3499.98	3534.99	Tune-up limit (dBm)
30	PI/2 BPSK	1	1	22.12	22.21	22.19	23.00
Channel				630834	633332	635832	
Frequency (MHz)				3462.51	3499.98	3537.48	Tune-up limit (dBm)
25	PI/2 BPSK	1	1	22.08	22.14	22.12	23.00
Channel				630668	633332	636000	
Frequency (MHz)				3460.02	3499.98	3540	Tune-up limit (dBm)
20	PI/2 BPSK	1	1	22.18	22.25	22.10	23.00
Channel				630500	633332	636166	
Frequency (MHz)				3457.5	3499.98	3542.49	Tune-up limit (dBm)
15	PI/2 BPSK	1	1	22.17	22.21	22.12	23.00
Channel				630334	633332	636332	
Frequency (MHz)				3455.01	3499.98	3544.98	Tune-up limit (dBm)
10	PI/2 BPSK	1	1	22.13	22.15	22.17	23.00

【FR1 n77 (27O)___FCC_Part 27O
(3700~3980MHz)_Ant11_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	21.21	21.32	21.28	23.00
100	PI/2 BPSK	1	137	20.95	21.13	20.96	23.00
100	PI/2 BPSK	1	271	21.01	21.22	21.05	23.00
100	PI/2 BPSK	135	0	21.09	21.21	21.08	22.50
100	PI/2 BPSK	135	69	21.11	21.25	21.09	23.00
100	PI/2 BPSK	135	138	21.04	21.19	21.01	22.50
100	PI/2 BPSK	270	0	21.06	21.23	21.15	22.50

100	QPSK	1	1	20.94	21.17	21.03	23.00
100	QPSK	1	137	20.82	21.07	20.92	23.00
100	QPSK	1	271	20.81	21.06	20.90	23.00
100	QPSK	135	0	20.88	21.12	21.03	23.00
100	QPSK	135	69	20.91	21.07	20.89	23.00
100	QPSK	135	138	20.96	21.16	21.00	23.00
100	QPSK	270	0	21.01	21.12	21.06	23.00
100	16QAM	1	1	20.99	21.24	21.11	23.00
100	64QAM	1	1	20.48	20.67	20.59	23.00
100	256QAM	1	1	18.26	18.37	18.25	21.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	21.06	21.31	21.17	23.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	21.19	21.22	21.18	23.00
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	21.16	21.17	21.16	23.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	21.12	21.22	21.18	23.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	21.17	21.20	21.14	23.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	21.10	21.26	21.24	23.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	21.18	21.19	21.26	23.00
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	21.17	21.26	21.17	23.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	21.12	21.26	21.21	23.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	21.17	21.26	21.13	23.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	21.13	21.28	21.24	23.00

【FR1 n77 (27Q)_FCC_Part 27Q

(3450~3550MHz)_Ant11_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		14.05		15.00
100	PI/2 BPSK	1	137		13.88		15.00
100	PI/2 BPSK	1	271		13.95		15.00
100	PI/2 BPSK	135	0		13.92		15.00
100	PI/2 BPSK	135	69		14.02		15.00
100	PI/2 BPSK	135	138		13.89		15.00
100	PI/2 BPSK	270	0		13.97		15.00
100	QPSK	1	1		13.91		15.00
100	QPSK	1	137		13.95		15.00
100	QPSK	1	271		13.96		15.00
100	QPSK	135	0		13.90		15.00
100	QPSK	135	69		13.93		15.00
100	QPSK	135	138		13.93		15.00
100	QPSK	270	0		13.96		15.00
100	16QAM	1	1		13.94		15.00
100	64QAM	1	1		13.96		15.00
100	256QAM	1	1		13.94		15.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	13.92	13.90	13.95	15.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	13.89	13.87	13.83	15.00

Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	13.85	13.84	13.90	15.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	13.78	13.87	13.92	15.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	13.87	13.81	13.88	15.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	13.79	13.80	13.86	15.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	13.88	13.78	13.91	15.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	13.87	13.85	13.81	15.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	13.79	13.85	13.90	15.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	13.83	13.76	13.93	15.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	13.90	13.79	13.91	15.00

【FR1 n77 (270)_FCC_Part 270

(3700~3980MHz)_Ant11_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	13.56	13.61	13.58	15.00
100	PI/2 BPSK	1	137	13.28	13.47	13.43	15.00
100	PI/2 BPSK	1	271	13.46	13.53	13.45	15.00
100	PI/2 BPSK	135	0	13.43	13.56	13.46	15.00
100	PI/2 BPSK	135	69	13.51	13.58	13.48	15.00
100	PI/2 BPSK	135	138	13.33	13.52	13.39	15.00
100	PI/2 BPSK	270	0	13.34	13.53	13.49	15.00
100	QPSK	1	1	13.40	13.58	13.53	15.00
100	QPSK	1	137	13.44	13.53	13.41	15.00
100	QPSK	1	271	13.39	13.51	13.42	15.00
100	QPSK	135	0	13.32	13.46	13.40	15.00
100	QPSK	135	69	13.36	13.55	13.40	15.00
100	QPSK	135	138	13.48	13.55	13.43	15.00
100	QPSK	270	0	13.43	13.50	13.37	15.00
100	16QAM	1	1	13.47	13.56	13.46	15.00
100	64QAM	1	1	13.40	13.48	13.39	15.00
100	256QAM	1	1	13.38	13.51	13.46	15.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	13.50	13.58	13.55	15.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	13.50	13.55	13.56	15.00
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	13.54	13.55	13.53	15.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	13.41	13.58	13.52	15.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	13.49	13.50	13.53	15.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	13.52	13.56	13.57	15.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	13.45	13.55	13.53	15.00
Channel				647500	656000	664500	Tune-up limit

	Frequency (MHz)			3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	13.51	13.48	13.43	15.00
	Channel			647334	656000	664666	Tune-up limit
	Frequency (MHz)			3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	13.48	13.53	13.51	15.00
	Channel			647168	656000	664832	Tune-up limit
	Frequency (MHz)			3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	13.51	13.52	13.47	15.00
	Channel			647000	656000	665000	Tune-up limit
	Frequency (MHz)			3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	13.43	13.56	13.56	15.00

【FR1 n77 (27Q)_FCC_Part 27Q

(3450~3550MHz)_Ant11_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		14.05		15.00
100	PI/2 BPSK	1	137		13.88		15.00
100	PI/2 BPSK	1	271		13.95		15.00
100	PI/2 BPSK	135	0		13.92		15.00
100	PI/2 BPSK	135	69		14.02		15.00
100	PI/2 BPSK	135	138		13.89		15.00
100	PI/2 BPSK	270	0		13.97		15.00
100	QPSK	1	1		13.91		15.00
100	QPSK	1	137		13.95		15.00
100	QPSK	1	271		13.96		15.00
100	QPSK	135	0		13.90		15.00
100	QPSK	135	69		13.93		15.00
100	QPSK	135	138		13.93		15.00
100	QPSK	270	0		13.96		15.00
100	16QAM	1	1		13.94		15.00
100	64QAM	1	1		13.96		15.00
100	256QAM	1	1		13.94		15.00
	Channel			633000	633332	633666	Tune-up limit
	Frequency (MHz)			3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	13.92	13.90	13.95	15.00
	Channel			632668	633332	634000	Tune-up limit
	Frequency (MHz)			3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	13.89	13.87	13.83	15.00
	Channel			632334	633332	634332	Tune-up limit
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	13.85	13.84	13.90	15.00
	Channel			632000	633332	634666	Tune-up limit
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	13.78	13.87	13.92	15.00
	Channel			631668	633332	635000	Tune-up limit
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	13.87	13.81	13.88	15.00
	Channel			631334	633332	635332	Tune-up limit
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	13.79	13.80	13.86	15.00
	Channel			631000	633332	635666	Tune-up limit
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	13.88	13.78	13.91	15.00
	Channel			630834	633332	635832	Tune-up limit
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	13.87	13.85	13.81	15.00
	Channel			630668	633332	636000	Tune-up limit
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	13.79	13.85	13.90	15.00
	Channel			630500	633332	636166	Tune-up limit
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	13.83	13.76	13.93	15.00
	Channel			630334	633332	636332	Tune-up limit
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	13.90	13.79	13.91	15.00

【FR1 n77 (270)_FCC_Part 270

(3700~3980MHz)_Ant11_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	13.56	13.61	13.58	15.00
100	PI/2 BPSK	1	137	13.28	13.47	13.43	15.00
100	PI/2 BPSK	1	271	13.46	13.53	13.45	15.00
100	PI/2 BPSK	135	0	13.43	13.56	13.46	15.00
100	PI/2 BPSK	135	69	13.51	13.58	13.48	15.00
100	PI/2 BPSK	135	138	13.33	13.52	13.39	15.00
100	PI/2 BPSK	270	0	13.34	13.53	13.49	15.00
100	QPSK	1	1	13.40	13.58	13.53	15.00
100	QPSK	1	137	13.44	13.53	13.41	15.00
100	QPSK	1	271	13.39	13.51	13.42	15.00
100	QPSK	135	0	13.32	13.46	13.40	15.00
100	QPSK	135	69	13.36	13.55	13.40	15.00
100	QPSK	135	138	13.48	13.55	13.43	15.00
100	QPSK	270	0	13.43	13.50	13.37	15.00
100	16QAM	1	1	13.47	13.56	13.46	15.00
100	64QAM	1	1	13.40	13.48	13.39	15.00
100	256QAM	1	1	13.38	13.51	13.46	15.00
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	13.50	13.58	13.55	15.00
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	13.50	13.55	13.56	15.00
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	13.54	13.55	13.53	15.00
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	13.41	13.58	13.52	15.00
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	13.49	13.50	13.53	15.00
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	13.52	13.56	13.57	15.00
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	13.45	13.55	13.53	15.00
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	13.51	13.48	13.43	15.00
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	13.48	13.53	13.51	15.00
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	13.51	13.52	13.47	15.00
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	13.43	13.56	13.56	15.00

【FR1 n77 (27Q)_FCC_Part 27Q

(3450~3550MHz)_Ant11_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		18.99		20.00
100	PI/2 BPSK	1	137		18.93		20.00
100	PI/2 BPSK	1	271		18.92		20.00
100	PI/2 BPSK	135	0		18.89		20.00
100	PI/2 BPSK	135	69		18.95		20.00
100	PI/2 BPSK	135	138		18.84		20.00

100	PI/2 BPSK	270	0		18.89		20.00
100	QPSK	1	1		18.86		20.00
100	QPSK	1	137		18.89		20.00
100	QPSK	1	271		18.85		20.00
100	QPSK	135	0		18.90		20.00
100	QPSK	135	69		18.88		20.00
100	QPSK	135	138		18.85		20.00
100	QPSK	270	0		18.88		20.00
100	16QAM	1	1		18.82		20.00
100	64QAM	1	1		18.84		20.00
100	256QAM	1	1		18.89		20.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	18.92	18.96	18.96	20.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	18.78	18.88	18.89	20.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	18.90	18.83	18.93	20.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	18.90	18.84	18.84	20.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	18.81	18.95	18.93	20.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	18.81	18.94	18.86	20.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	18.82	18.81	18.95	20.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	18.77	18.86	18.86	20.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	18.89	18.92	18.90	20.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	18.77	18.94	18.88	20.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	18.82	18.85	18.91	20.00

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(3700~3980MHz)_Ant11_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	18.52	18.57	18.55	20.00
100	PI/2 BPSK	1	137	18.24	18.43	18.32	20.00
100	PI/2 BPSK	1	271	18.36	18.52	18.40	20.00
100	PI/2 BPSK	135	0	18.33	18.44	18.35	20.00
100	PI/2 BPSK	135	69	18.48	18.52	18.42	20.00
100	PI/2 BPSK	135	138	18.29	18.48	18.41	20.00
100	PI/2 BPSK	270	0	18.25	18.44	18.38	20.00
100	QPSK	1	1	18.36	18.42	18.39	20.00
100	QPSK	1	137	18.36	18.51	18.39	20.00
100	QPSK	1	271	18.41	18.49	18.44	20.00
100	QPSK	135	0	18.40	18.49	18.38	20.00
100	QPSK	135	69	18.31	18.47	18.35	20.00
100	QPSK	135	138	18.37	18.51	18.35	20.00
100	QPSK	270	0	18.26	18.44	18.28	20.00
100	16QAM	1	1	18.34	18.44	18.39	20.00
100	64QAM	1	1	18.30	18.44	18.29	20.00
100	256QAM	1	1	18.28	18.48	18.45	20.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	18.38	18.45	18.51	20.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)