

Channel				372500	376000	379500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	16.78	16.81	16.69	17.30
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	16.69	16.79	16.72	17.30
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	16.79	16.85	16.71	17.30
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	16.75	16.87	16.80	17.30
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	16.71	16.79	16.76	17.30

【FR1 n5_Ant 8_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	24.34	24.40	24.32	25.20
20	PI/2 BPSK	1	53	24.19	24.33	24.21	25.20
20	PI/2 BPSK	1	104	24.20	24.40	24.32	25.20
20	PI/2 BPSK	50	0	23.90	23.90	23.99	24.70
20	PI/2 BPSK	50	28	24.33	24.38	24.36	25.20
20	PI/2 BPSK	50	56	24.05	23.94	23.65	24.70
20	PI/2 BPSK	100	0	23.77	23.81	23.83	24.70
20	QPSK	1	1	24.15	24.39	24.33	25.20
20	QPSK	1	53	24.40	24.42	24.09	25.20
20	QPSK	1	104	24.19	24.36	24.09	25.20
20	QPSK	50	0	23.21	23.45	23.36	24.20
20	QPSK	50	28	24.27	24.48	24.15	25.20
20	QPSK	50	56	23.27	23.47	23.38	24.20
20	QPSK	100	0	23.42	23.38	23.32	24.20
20	16QAM	1	1	23.27	23.48	23.34	24.20
20	64QAM	1	1	21.87	21.94	21.82	22.70
20	256QAM	1	1	20.00	20.05	19.90	20.70
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	24.25	24.32	24.28	25.20
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	24.31	24.26	24.25	25.20
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	24.19	24.37	24.21	25.20

【FR1 n5_Ant 8_DSI0】

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	24.34	24.40	24.32	25.20
20	PI/2 BPSK	1	53	24.19	24.33	24.21	25.20
20	PI/2 BPSK	1	104	24.20	24.40	24.32	25.20
20	PI/2 BPSK	50	0	23.90	23.90	23.99	24.70
20	PI/2 BPSK	50	28	24.33	24.38	24.36	25.20
20	PI/2 BPSK	50	56	24.05	23.94	23.65	24.70
20	PI/2 BPSK	100	0	23.77	23.81	23.83	24.70
20	QPSK	1	1	24.15	24.39	24.33	25.20
20	QPSK	1	53	24.40	24.42	24.09	25.20
20	QPSK	1	104	24.19	24.36	24.09	25.20
20	QPSK	50	0	23.21	23.45	23.36	24.20
20	QPSK	50	28	24.27	24.48	24.15	25.20
20	QPSK	50	56	23.27	23.47	23.38	24.20
20	QPSK	100	0	23.42	23.38	23.32	24.20
20	16QAM	1	1	23.27	23.48	23.34	24.20
20	64QAM	1	1	21.87	21.94	21.82	22.70
20	256QAM	1	1	20.00	20.05	19.90	20.70

Channel				166300	167300	168300	Tune-up limit
Frequency (MHz)				831.5	836.5	841.5	(dBm)
15	PI/2 BPSK	1	1	24.25	24.32	24.28	25.20
Channel				165800	167300	168800	Tune-up limit
Frequency (MHz)				829	836.5	844	(dBm)
10	PI/2 BPSK	1	1	24.31	24.26	24.25	25.20
Channel				165300	167300	169300	Tune-up limit
Frequency (MHz)				826.5	836.5	846.5	(dBm)
5	PI/2 BPSK	1	1	24.19	24.37	24.21	25.20

【FR1 n5_Ant 8_DSI7】

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	20.76	20.92	20.86	21.90
20	PI/2 BPSK	1	53	20.89	20.82	20.81	21.90
20	PI/2 BPSK	1	104	20.92	20.83	20.73	21.90
20	PI/2 BPSK	50	0	20.76	20.81	20.80	21.90
20	PI/2 BPSK	50	28	20.89	20.83	20.80	21.90
20	PI/2 BPSK	50	56	20.83	20.82	20.78	21.90
20	PI/2 BPSK	100	0	20.75	20.79	20.77	21.90
20	QPSK	1	1	20.77	20.87	20.83	21.90
20	QPSK	1	53	20.84	20.94	20.85	21.90
20	QPSK	1	104	20.83	20.98	20.81	21.90
20	QPSK	50	0	20.89	20.94	20.90	21.90
20	QPSK	50	28	20.83	20.85	20.84	21.90
20	QPSK	50	56	20.75	20.83	20.80	21.90
20	QPSK	100	0	20.85	20.90	20.90	21.90
20	16QAM	1	1	20.85	20.84	20.87	21.90
20	64QAM	1	1	20.81	20.90	20.82	21.90
20	256QAM	1	1	19.88	19.88	19.85	20.90
Channel				166300	167300	168300	Tune-up limit
Frequency (MHz)				831.5	836.5	841.5	(dBm)
15	PI/2 BPSK	1	1	20.63	20.83	20.81	21.90
Channel				165800	167300	168800	Tune-up limit
Frequency (MHz)				829	836.5	844	(dBm)
10	PI/2 BPSK	1	1	20.64	20.90	20.78	21.90
Channel				165300	167300	169300	Tune-up limit
Frequency (MHz)				826.5	836.5	846.5	(dBm)
5	PI/2 BPSK	1	1	20.75	20.89	20.76	21.90

【FR1 n5_Ant 10_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	24.37	24.41	24.31	25.20
20	PI/2 BPSK	1	53	24.26	24.40	24.28	25.20
20	PI/2 BPSK	1	104	24.36	24.40	24.23	25.20
20	PI/2 BPSK	50	0	23.86	23.97	23.97	24.70
20	PI/2 BPSK	50	28	24.22	24.31	24.17	25.20
20	PI/2 BPSK	50	56	23.91	24.11	23.66	24.70
20	PI/2 BPSK	100	0	23.79	23.99	23.69	24.70
20	QPSK	1	1	24.17	24.49	24.33	25.20
20	QPSK	1	53	24.27	24.32	24.27	25.20
20	QPSK	1	104	24.28	24.24	24.27	25.20
20	QPSK	50	0	23.19	23.38	23.18	24.20
20	QPSK	50	28	24.55	24.49	24.21	25.20
20	QPSK	50	56	23.23	23.39	23.24	24.20
20	QPSK	100	0	23.47	23.55	23.23	24.20
20	16QAM	1	1	23.22	23.39	23.30	24.20
20	64QAM	1	1	21.75	22.05	21.89	22.70
20	256QAM	1	1	19.90	19.84	19.93	20.70
Channel				166300	167300	168300	Tune-up limit
Frequency (MHz)				831.5	836.5	841.5	(dBm)
15	PI/2 BPSK	1	1	24.36	24.27	24.28	25.20
Channel				165800	167300	168800	Tune-up limit
Frequency (MHz)				829	836.5	844	(dBm)
10	PI/2 BPSK	1	1	24.29	24.34	24.21	25.20

Channel				165300	167300	169300	Tune-up limit
Frequency (MHz)				826.5	836.5	846.5	(dBm)
5	PI/2 BPSK	1	1	24.25	24.36	24.23	25.20

【FR1 n5_Ant 10_DSI0】

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	24.37	24.41	24.31	25.20
20	PI/2 BPSK	1	53	24.26	24.40	24.28	25.20
20	PI/2 BPSK	1	104	24.36	24.40	24.23	25.20
20	PI/2 BPSK	50	0	23.86	23.97	23.97	24.70
20	PI/2 BPSK	50	28	24.22	24.31	24.17	25.20
20	PI/2 BPSK	50	56	23.91	24.11	23.66	24.70
20	PI/2 BPSK	100	0	23.79	23.99	23.69	24.70
20	QPSK	1	1	24.17	24.49	24.33	25.20
20	QPSK	1	53	24.27	24.32	24.27	25.20
20	QPSK	1	104	24.28	24.24	24.27	25.20
20	QPSK	50	0	23.19	23.38	23.18	24.20
20	QPSK	50	28	24.55	24.49	24.21	25.20
20	QPSK	50	56	23.23	23.39	23.24	24.20
20	QPSK	100	0	23.47	23.55	23.23	24.20
20	16QAM	1	1	23.22	23.39	23.30	24.20
20	64QAM	1	1	21.75	22.05	21.89	22.70
20	256QAM	1	1	19.90	19.84	19.93	20.70
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	24.36	24.27	24.28	25.20
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	24.29	24.34	24.21	25.20
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	24.25	24.36	24.23	25.20

【FR1 n5_Ant 10_DSI7】

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	20.77	21.00	20.77	21.70
20	PI/2 BPSK	1	53	20.95	20.90	20.93	21.70
20	PI/2 BPSK	1	104	20.94	21.00	20.74	21.70
20	PI/2 BPSK	50	0	20.99	20.92	20.87	21.70
20	PI/2 BPSK	50	28	20.87	20.96	20.92	21.70
20	PI/2 BPSK	50	56	20.84	20.90	20.87	21.70
20	PI/2 BPSK	100	0	20.84	20.94	20.86	21.70
20	QPSK	1	1	20.78	20.92	20.83	21.70
20	QPSK	1	53	20.80	20.99	20.89	21.70
20	QPSK	1	104	20.85	20.92	20.84	21.70
20	QPSK	50	0	20.79	20.88	20.93	21.70
20	QPSK	50	28	20.85	20.80	20.75	21.70
20	QPSK	50	56	20.97	21.01	20.76	21.70
20	QPSK	100	0	20.76	20.97	20.83	21.70
20	16QAM	1	1	20.87	20.82	20.90	21.70
20	64QAM	1	1	20.92	20.85	20.75	21.70
20	256QAM	1	1	19.89	19.86	19.76	20.70
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	20.73	20.98	20.74	21.70
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	20.63	20.92	20.67	21.70
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	20.75	20.97	20.71	21.70

【FR1 n7_Ant 5_Full power】

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.	
Frequency (MHz)				505000	507000	509000	
				2525	2535	2545	
50	PI/2 BPSK	1	1	24.33	24.41	24.30	25.20
50	PI/2 BPSK	1	135	24.24	24.38	24.36	25.20
50	PI/2 BPSK	1	268	24.25	24.23	24.30	25.20
50	PI/2 BPSK	135	0	23.87	23.97	23.98	24.70
50	PI/2 BPSK	135	68	24.13	24.37	24.10	25.20
50	PI/2 BPSK	135	135	23.96	23.96	23.93	24.70
50	PI/2 BPSK	270	0	23.92	23.87	23.95	24.70
50	QPSK	1	1	24.29	24.37	24.33	25.20
50	QPSK	1	135	24.23	24.29	24.32	25.20
50	QPSK	1	268	24.38	24.25	24.21	25.20
50	QPSK	135	0	23.40	23.35	23.43	24.20
50	QPSK	135	68	24.21	24.39	24.31	25.20
50	QPSK	135	135	23.28	23.47	23.48	24.20
50	QPSK	270	0	23.35	23.48	23.45	24.20
50	16QAM	1	1	23.29	23.31	23.38	24.20
50	64QAM	1	1	21.95	22.03	21.84	22.70
50	256QAM	1	1	19.82	19.85	19.79	20.70
Channel				504000	507000	510000	Tune-up limit
Frequency (MHz)				2520	2535	2550	(dBm)
40	PI/2 BPSK	1	1	24.25	24.30	24.24	25.20
Channel				503500	507000	510500	Tune-up limit
Frequency (MHz)				2517.5	2535	2552.5	(dBm)
35	PI/2 BPSK	1	1	24.25	24.37	24.18	25.20
Channel				503000	507000	511000	Tune-up limit
Frequency (MHz)				2515	2535	2555	(dBm)
30	PI/2 BPSK	1	1	24.27	24.31	24.17	25.20
Channel				502500	507000	511500	Tune-up limit
Frequency (MHz)				2512.5	2535	2557.5	(dBm)
25	PI/2 BPSK	1	1	24.19	24.39	24.27	25.20
Channel				502000	507000	512000	Tune-up limit
Frequency (MHz)				2510	2535	2560	(dBm)
20	PI/2 BPSK	1	1	24.24	24.28	24.28	25.20
Channel				501500	507000	512500	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	PI/2 BPSK	1	1	24.21	24.27	24.21	25.20
Channel				501000	507000	513000	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	PI/2 BPSK	1	1	24.28	24.27	24.26	25.20
Channel				500500	507000	513500	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	PI/2 BPSK	1	1	24.23	24.35	24.26	25.20

【FR1 n7_Ant 5_DSI0】

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	24.33	24.41	24.30	25.20
50	PI/2 BPSK	1	135	24.24	24.38	24.36	25.20
50	PI/2 BPSK	1	268	24.25	24.23	24.30	25.20
50	PI/2 BPSK	135	0	23.87	23.97	23.98	24.70
50	PI/2 BPSK	135	68	23.80	23.72	23.72	25.20
50	PI/2 BPSK	135	135	23.96	23.96	23.93	24.70
50	PI/2 BPSK	270	0	23.92	23.87	23.95	24.70
50	QPSK	1	1	24.29	24.37	24.33	25.20
50	QPSK	1	135	24.23	24.29	24.32	25.20
50	QPSK	1	268	24.38	24.25	24.21	25.20
50	QPSK	135	0	23.40	23.35	23.43	24.20
50	QPSK	135	68	24.21	24.39	24.31	25.20
50	QPSK	135	135	23.28	23.47	23.48	24.20
50	QPSK	270	0	23.35	23.48	23.45	24.20
50	16QAM	1	1	23.29	23.31	23.38	24.20
50	64QAM	1	1	21.95	22.03	21.84	22.70
50	256QAM	1	1	19.82	19.85	19.79	20.70
Channel				504000	507000	510000	Tune-up limit
Frequency (MHz)				2520	2535	2550	(dBm)
40	PI/2 BPSK	1	1	24.25	24.30	24.24	25.20
Channel				503500	507000	510500	Tune-up limit
Frequency (MHz)				2517.5	2535	2552.5	(dBm)
35	PI/2 BPSK	1	1	24.25	24.37	24.18	25.20
Channel				503000	507000	511000	Tune-up limit

Frequency (MHz)				2515	2535	2555	(dBm)
30	PI/2 BPSK	1	1	24.27	24.31	24.17	25.20
Channel				502500	507000	511500	Tune-up limit
Frequency (MHz)				2512.5	2535	2557.5	(dBm)
25	PI/2 BPSK	1	1	24.19	24.39	24.27	25.20
Channel				502000	507000	512000	Tune-up limit
Frequency (MHz)				2510	2535	2560	(dBm)
20	PI/2 BPSK	1	1	24.24	24.28	24.28	25.20
Channel				501500	507000	512500	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	PI/2 BPSK	1	1	24.21	24.27	24.21	25.20
Channel				501000	507000	513000	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	PI/2 BPSK	1	1	24.28	24.27	24.26	25.20
Channel				500500	507000	513500	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	PI/2 BPSK	1	1	24.23	24.35	24.26	25.20

【FR1 n7_Ant 5_DSI7】

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	16.81	16.88	16.79	17.70
50	PI/2 BPSK	1	135	16.85	16.85	16.71	17.70
50	PI/2 BPSK	1	268	16.87	16.82	16.70	17.70
50	PI/2 BPSK	135	0	16.74	16.83	16.81	17.70
50	PI/2 BPSK	135	68	16.75	16.85	16.69	17.70
50	PI/2 BPSK	135	135	16.74	16.81	16.80	17.70
50	PI/2 BPSK	270	0	16.72	16.80	16.78	17.70
50	QPSK	1	1	16.85	16.83	16.74	17.70
50	QPSK	1	135	16.71	16.91	16.72	17.70
50	QPSK	1	268	16.84	16.89	16.87	17.70
50	QPSK	135	0	16.80	17.03	16.80	17.70
50	QPSK	135	68	16.92	16.83	16.74	17.70
50	QPSK	135	135	16.92	17.00	16.88	17.70
50	QPSK	270	0	16.90	17.03	16.79	17.70
50	16QAM	1	1	16.73	16.88	16.88	17.70
50	64QAM	1	1	16.83	16.86	16.78	17.70
50	256QAM	1	1	16.73	16.84	16.86	17.70
Channel				504000	507000	510000	Tune-up limit
Frequency (MHz)				2520	2535	2550	(dBm)
40	PI/2 BPSK	1	1	16.68	16.86	16.68	17.70
Channel				503500	507000	510500	Tune-up limit
Frequency (MHz)				2517.5	2535	2552.5	(dBm)
35	PI/2 BPSK	1	1	16.70	16.74	16.73	17.70
Channel				503000	507000	511000	Tune-up limit
Frequency (MHz)				2515	2535	2555	(dBm)
30	PI/2 BPSK	1	1	16.68	16.80	16.71	17.70
Channel				502500	507000	511500	Tune-up limit
Frequency (MHz)				2512.5	2535	2557.5	(dBm)
25	PI/2 BPSK	1	1	16.78	16.82	16.73	17.70
Channel				502000	507000	512000	Tune-up limit
Frequency (MHz)				2510	2535	2560	(dBm)
20	PI/2 BPSK	1	1	16.67	16.83	16.71	17.70
Channel				501500	507000	512500	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	PI/2 BPSK	1	1	16.66	16.74	16.74	17.70
Channel				501000	507000	513000	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	PI/2 BPSK	1	1	16.71	16.85	16.65	17.70
Channel				500500	507000	513500	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	PI/2 BPSK	1	1	16.79	16.85	16.71	17.70

【FR1 n7_Ant 8_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	

50	PI/2 BPSK	1	1	23.89	24.08	24.04	25.20
50	PI/2 BPSK	1	135	23.84	23.95	23.90	25.20
50	PI/2 BPSK	1	268	23.91	23.92	23.88	25.20
50	PI/2 BPSK	135	0	23.41	23.47	23.53	24.70
50	PI/2 BPSK	135	68	23.79	24.01	23.97	25.20
50	PI/2 BPSK	135	135	23.41	23.50	23.40	24.70
50	PI/2 BPSK	270	0	23.58	23.37	23.52	24.70
50	QPSK	1	1	23.82	23.85	24.01	25.20
50	QPSK	1	135	24.01	23.80	23.95	25.20
50	QPSK	1	268	23.96	23.80	23.92	25.20
50	QPSK	135	0	23.04	23.09	23.09	24.20
50	QPSK	135	68	23.81	23.90	23.86	25.20
50	QPSK	135	135	23.08	23.10	22.91	24.20
50	QPSK	270	0	22.87	23.08	23.02	24.20
50	16QAM	1	1	22.92	22.90	22.90	24.20
50	64QAM	1	1	21.53	21.48	21.57	22.70
50	256QAM	1	1	19.56	19.36	19.46	20.70
Channel				504000	507000	510000	Tune-up limit
Frequency (MHz)				2520	2535	2550	(dBm)
40	PI/2 BPSK	1	1	23.86	23.98	23.96	25.20
Channel				503500	507000	510500	Tune-up limit
Frequency (MHz)				2517.5	2535	2552.5	(dBm)
35	PI/2 BPSK	1	1	23.77	24.00	23.95	25.20
Channel				503000	507000	511000	Tune-up limit
Frequency (MHz)				2515	2535	2555	(dBm)
30	PI/2 BPSK	1	1	23.81	23.94	23.97	25.20
Channel				502500	507000	511500	Tune-up limit
Frequency (MHz)				2512.5	2535	2557.5	(dBm)
25	PI/2 BPSK	1	1	23.87	24.05	24.02	25.20
Channel				502000	507000	512000	Tune-up limit
Frequency (MHz)				2510	2535	2560	(dBm)
20	PI/2 BPSK	1	1	23.75	24.03	23.97	25.20
Channel				501500	507000	512500	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	PI/2 BPSK	1	1	23.83	24.01	23.92	25.20
Channel				501000	507000	513000	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	PI/2 BPSK	1	1	23.80	24.05	23.93	25.20
Channel				500500	507000	513500	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	PI/2 BPSK	1	1	23.74	24.00	23.95	25.20

【FR1 n7_Ant 8_DSI0】

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	23.89	24.08	24.04	25.20
50	PI/2 BPSK	1	135	23.84	23.95	23.90	25.20
50	PI/2 BPSK	1	268	23.91	23.92	23.88	25.20
50	PI/2 BPSK	135	0	23.41	23.47	23.53	24.70
50	PI/2 BPSK	135	68	23.32	23.41	23.37	25.20
50	PI/2 BPSK	135	135	23.41	23.50	23.40	24.70
50	PI/2 BPSK	270	0	23.58	23.37	23.52	24.70
50	QPSK	1	1	23.82	23.85	24.01	25.20
50	QPSK	1	135	24.01	23.80	23.95	25.20
50	QPSK	1	268	23.96	23.80	23.92	25.20
50	QPSK	135	0	23.04	23.09	23.09	24.20
50	QPSK	135	68	23.81	23.90	23.86	25.20
50	QPSK	135	135	23.08	23.10	22.91	24.20
50	QPSK	270	0	22.87	23.08	23.02	24.20
50	16QAM	1	1	22.92	22.90	22.90	24.20
50	64QAM	1	1	21.53	21.48	21.57	22.70
50	256QAM	1	1	19.56	19.36	19.46	20.70
Channel				504000	507000	510000	Tune-up limit
Frequency (MHz)				2520	2535	2550	(dBm)
40	PI/2 BPSK	1	1	23.86	23.98	23.96	25.20
Channel				503500	507000	510500	Tune-up limit
Frequency (MHz)				2517.5	2535	2552.5	(dBm)
35	PI/2 BPSK	1	1	23.77	24.00	23.95	25.20
Channel				503000	507000	511000	Tune-up limit
Frequency (MHz)				2515	2535	2555	(dBm)
30	PI/2 BPSK	1	1	23.81	23.94	23.97	25.20
Channel				502500	507000	511500	Tune-up limit

Frequency (MHz)				2512.5	2535	2557.5	(dBm)
25	PI/2 BPSK	1	1	23.87	24.05	24.02	25.20
Channel				502000	507000	512000	Tune-up limit
Frequency (MHz)				2510	2535	2560	(dBm)
20	PI/2 BPSK	1	1	23.75	24.03	23.97	25.20
Channel				501500	507000	512500	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	PI/2 BPSK	1	1	23.83	24.01	23.92	25.20
Channel				501000	507000	513000	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	PI/2 BPSK	1	1	23.80	24.05	23.93	25.20
Channel				500500	507000	513500	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	PI/2 BPSK	1	1	23.74	24.00	23.95	25.20

【FR1 n7_Ant 8_DSI7】

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	15.33	15.60	15.54	16.30
50	PI/2 BPSK	1	135	15.39	15.53	15.51	16.30
50	PI/2 BPSK	1	268	15.41	15.59	15.48	16.30
50	PI/2 BPSK	135	0	15.36	15.50	15.49	16.30
50	PI/2 BPSK	135	68	15.43	15.58	15.47	16.30
50	PI/2 BPSK	135	135	15.46	15.51	15.49	16.30
50	PI/2 BPSK	270	0	15.39	15.58	15.47	16.30
50	QPSK	1	1	15.42	15.66	15.52	16.30
50	QPSK	1	135	15.36	15.61	15.53	16.30
50	QPSK	1	268	15.31	15.55	15.62	16.30
50	QPSK	135	0	15.33	15.49	15.60	16.30
50	QPSK	135	68	15.41	15.59	15.62	16.30
50	QPSK	135	135	15.42	15.52	15.48	16.30
50	QPSK	270	0	15.40	15.51	15.49	16.30
50	16QAM	1	1	15.38	15.64	15.62	16.30
50	64QAM	1	1	15.32	15.65	15.54	16.30
50	256QAM	1	1	15.47	15.66	15.60	16.30
Channel				504000	507000	510000	Tune-up limit
Frequency (MHz)				2520	2535	2550	(dBm)
40	PI/2 BPSK	1	1	15.20	15.58	15.52	16.30
Channel				503500	507000	510500	Tune-up limit
Frequency (MHz)				2517.5	2535	2552.5	(dBm)
35	PI/2 BPSK	1	1	15.26	15.56	15.52	16.30
Channel				503000	507000	511000	Tune-up limit
Frequency (MHz)				2515	2535	2555	(dBm)
30	PI/2 BPSK	1	1	15.20	15.47	15.45	16.30
Channel				502500	507000	511500	Tune-up limit
Frequency (MHz)				2512.5	2535	2557.5	(dBm)
25	PI/2 BPSK	1	1	15.30	15.57	15.43	16.30
Channel				502000	507000	512000	Tune-up limit
Frequency (MHz)				2510	2535	2560	(dBm)
20	PI/2 BPSK	1	1	15.31	15.57	15.47	16.30
Channel				501500	507000	512500	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	PI/2 BPSK	1	1	15.28	15.52	15.39	16.30
Channel				501000	507000	513000	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	PI/2 BPSK	1	1	15.24	15.52	15.46	16.30
Channel				500500	507000	513500	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	PI/2 BPSK	1	1	15.29	15.59	15.47	16.30

【FR1 n12_Ant 8_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				141300	141500	141700	
Frequency (MHz)				706.5	707.5	708.5	
15	PI/2 BPSK	1	1	24.31	24.53	24.23	25.20
15	PI/2 BPSK	1	40	24.35	24.30	24.38	25.20
15	PI/2 BPSK	1	77	24.32	24.37	24.36	25.20
15	PI/2 BPSK	36	0	23.96	24.00	23.95	24.70
15	PI/2 BPSK	36	22	24.28	24.39	24.28	25.20
15	PI/2 BPSK	36	43	23.92	24.06	23.64	24.70
15	PI/2 BPSK	75	0	23.92	24.04	23.93	24.70
15	QPSK	1	1	24.29	24.31	24.32	25.20
15	QPSK	1	40	24.43	24.48	24.17	25.20
15	QPSK	1	77	24.24	24.37	24.10	25.20
15	QPSK	36	0	23.26	23.27	23.23	24.20
15	QPSK	36	22	24.34	24.44	24.24	25.20
15	QPSK	36	43	23.42	23.27	23.18	24.20
15	QPSK	75	0	23.31	23.53	23.11	24.20
15	16QAM	1	1	23.15	23.29	23.39	24.20
15	64QAM	1	1	21.91	22.02	21.82	22.70
15	256QAM	1	1	20.01	19.95	19.96	20.70
Channel				140800	141500	142200	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	24.25	24.42	24.20	25.20
Channel				140300	141500	142700	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	24.30	24.48	24.18	25.20

【FR1 n12_Ant 8_DSIO】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				141300	141500	141700	
Frequency (MHz)				706.5	707.5	708.5	
15	PI/2 BPSK	1	1	24.31	24.53	24.23	25.20
15	PI/2 BPSK	1	40	24.35	24.30	24.38	25.20
15	PI/2 BPSK	1	77	24.32	24.37	24.36	25.20
15	PI/2 BPSK	36	0	23.96	24.00	23.95	24.70
15	PI/2 BPSK	36	22	24.28	24.39	24.28	25.20
15	PI/2 BPSK	36	43	23.92	24.06	23.64	24.70
15	PI/2 BPSK	75	0	23.92	24.04	23.93	24.70
15	QPSK	1	1	24.29	24.31	24.32	25.20
15	QPSK	1	40	24.43	24.48	24.17	25.20
15	QPSK	1	77	24.24	24.37	24.10	25.20
15	QPSK	36	0	23.26	23.27	23.23	24.20
15	QPSK	36	22	24.34	24.44	24.24	25.20
15	QPSK	36	43	23.42	23.27	23.18	24.20
15	QPSK	75	0	23.31	23.53	23.11	24.20
15	16QAM	1	1	23.15	23.29	23.39	24.20
15	64QAM	1	1	21.91	22.02	21.82	22.70
15	256QAM	1	1	20.01	19.95	19.96	20.70
Channel				140800	141500	142200	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	24.25	24.42	24.20	25.20
Channel				140300	141500	142700	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	24.30	24.48	24.18	25.20

【FR1 n12_Ant 8_DSI7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				141300	141500	141700	
Frequency (MHz)				706.5	707.5	708.5	
15	PI/2 BPSK	1	1	21.72	21.94	21.70	23.20
15	PI/2 BPSK	1	40	21.90	21.93	21.80	23.20
15	PI/2 BPSK	1	77	21.79	21.89	21.69	23.20
15	PI/2 BPSK	36	0	21.90	21.90	21.68	23.20
15	PI/2 BPSK	36	22	21.81	21.91	21.64	23.20
15	PI/2 BPSK	36	43	21.93	21.80	21.76	23.20
15	PI/2 BPSK	75	0	21.89	21.95	21.64	23.20
15	QPSK	1	1	21.79	21.96	21.71	23.20
15	QPSK	1	40	21.91	22.12	21.84	23.20
15	QPSK	1	77	21.78	22.12	21.72	23.20
15	QPSK	36	0	21.92	22.00	21.83	23.20
15	QPSK	36	22	21.78	21.94	21.63	23.20
15	QPSK	36	43	21.79	22.13	21.64	23.20
15	QPSK	75	0	21.90	22.06	21.61	23.20
15	16QAM	1	1	21.91	21.95	21.68	23.20
15	64QAM	1	1	21.79	21.93	21.73	23.20
15	256QAM	1	1	19.71	20.06	19.83	21.20
Channel				140800	141500	142200	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	21.63	21.89	21.68	23.20
Channel				140300	141500	142700	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	21.60	21.89	21.58	23.20

【FR1 n13_Ant 8_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					156400		
Frequency (MHz)					782		
10	PI/2 BPSK	1	1		23.75		25.20
10	PI/2 BPSK	1	26		23.22		25.20
10	PI/2 BPSK	1	50		23.44		25.20
10	PI/2 BPSK	25	0		23.01		24.70
10	PI/2 BPSK	25	14		23.66		25.20
10	PI/2 BPSK	25	27		23.01		24.70
10	PI/2 BPSK	50	0		23.02		24.70
10	QPSK	1	1		23.49		25.20
10	QPSK	1	26		23.30		25.20
10	QPSK	1	50		23.28		25.20
10	QPSK	25	0		22.35		24.20
10	QPSK	25	14		23.40		25.20
10	QPSK	25	27		22.46		24.20
10	QPSK	50	0		22.57		24.20
10	16QAM	1	1		22.28		24.20
10	64QAM	1	1		20.92		22.70
10	256QAM	1	1		19.04		20.70
Channel				155900	156400	156900	Tune-up limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	PI/2 BPSK	1	1	23.65	23.66	23.53	25.20

【FR1 n13_Ant 8_DSI0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					156400		
Frequency (MHz)					782		
10	PI/2 BPSK	1	1		23.75		25.20
10	PI/2 BPSK	1	26		23.22		25.20
10	PI/2 BPSK	1	50		23.44		25.20
10	PI/2 BPSK	25	0		23.01		24.70
10	PI/2 BPSK	25	14		23.26		25.20
10	PI/2 BPSK	25	27		23.01		24.70
10	PI/2 BPSK	50	0		23.02		24.70
10	QPSK	1	1		23.49		25.20
10	QPSK	1	26		23.30		25.20
10	QPSK	1	50		23.28		25.20
10	QPSK	25	0		22.35		24.20
10	QPSK	25	14		23.40		25.20
10	QPSK	25	27		22.46		24.20
10	QPSK	50	0		22.57		24.20
10	16QAM	1	1		22.28		24.20
10	64QAM	1	1		20.92		22.70
10	256QAM	1	1		19.04		20.70
Channel				155900	156400	156900	Tune-up limit
Frequency (MHz)				779.5	782	784.5	(dBm)
5	PI/2 BPSK	1	1	23.65	23.66	23.53	25.20

【FR1 n13_Ant 8_DSI7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					156400		
Frequency (MHz)					782		
10	PI/2 BPSK	1	1		21.75		22.50
10	PI/2 BPSK	1	26		21.70		22.50
10	PI/2 BPSK	1	50		21.72		22.50
10	PI/2 BPSK	25	0		21.69		22.50
10	PI/2 BPSK	25	14		21.73		22.50
10	PI/2 BPSK	25	27		21.73		22.50
10	PI/2 BPSK	50	0		21.80		22.50
10	QPSK	1	1		21.80		22.50
10	QPSK	1	26		21.82		22.50
10	QPSK	1	50		21.86		22.50
10	QPSK	25	0		21.84		22.50
10	QPSK	25	14		21.83		22.50
10	QPSK	25	27		21.76		22.50
10	QPSK	50	0		21.75		22.50
10	16QAM	1	1		21.68		22.50
10	64QAM	1	1		21.13		22.00
10	256QAM	1	1		19.20		20.00
Channel				155900	156400	156900	Tune-up limit
Frequency (MHz)				779.5	782	784.5	(dBm)
5	PI/2 BPSK	1	1	21.70	21.73	21.63	22.50

【FR1 n14_Ant 8_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					158600		
Frequency (MHz)					793		
10	PI/2 BPSK	1	1		23.70		25.20
10	PI/2 BPSK	1	26		23.43		25.20
10	PI/2 BPSK	1	50		23.62		25.20
10	PI/2 BPSK	25	0		23.27		24.70
10	PI/2 BPSK	25	14		23.60		25.20
10	PI/2 BPSK	25	27		23.13		24.70
10	PI/2 BPSK	50	0		23.23		24.70
10	QPSK	1	1		23.56		25.20
10	QPSK	1	26		23.61		25.20
10	QPSK	1	50		23.47		25.20
10	QPSK	25	0		22.62		24.20

10	QPSK	25	14		23.72		25.20
10	QPSK	25	27		22.75		24.20
10	QPSK	50	0		22.67		24.20
10	16QAM	1	1		22.48		24.20
10	64QAM	1	1		21.15		22.70
10	256QAM	1	1		19.25		20.70
Channel				158100	158600	159100	Tune-up limit
Frequency (MHz)				790.5	793	795.5	(dBm)
5	PI/2 BPSK	1	1	23.57	23.56	23.54	25.20

【FR1 n14_Ant 8_DSI0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					158600		
Frequency (MHz)					793		
10	PI/2 BPSK	1	1		23.70		25.20
10	PI/2 BPSK	1	26		23.43		25.20
10	PI/2 BPSK	1	50		23.62		25.20
10	PI/2 BPSK	25	0		23.27		24.70
10	PI/2 BPSK	25	14		23.60		25.20
10	PI/2 BPSK	25	27		23.13		24.70
10	PI/2 BPSK	50	0		23.23		24.70
10	QPSK	1	1		23.56		25.20
10	QPSK	1	26		23.61		25.20
10	QPSK	1	50		23.47		25.20
10	QPSK	25	0		22.62		24.20
10	QPSK	25	14		23.72		25.20
10	QPSK	25	27		22.75		24.20
10	QPSK	50	0		22.67		24.20
10	16QAM	1	1		22.48		24.20
10	64QAM	1	1		21.15		22.70
10	256QAM	1	1		19.25		20.70
Channel				158100	158600	159100	Tune-up limit
Frequency (MHz)				790.5	793	795.5	(dBm)
5	PI/2 BPSK	1	1	23.57	23.56	23.54	25.20

【FR1 n14_Ant 8_DSI7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					158600		
Frequency (MHz)					793		
10	PI/2 BPSK	1	1		21.82		22.90
10	PI/2 BPSK	1	26		21.80		22.90
10	PI/2 BPSK	1	50		21.73		22.90
10	PI/2 BPSK	25	0		21.69		22.90
10	PI/2 BPSK	25	14		21.79		22.90
10	PI/2 BPSK	25	27		21.73		22.90
10	PI/2 BPSK	50	0		21.80		22.90
10	QPSK	1	1		21.81		22.90
10	QPSK	1	26		21.61		22.90
10	QPSK	1	50		21.79		22.90
10	QPSK	25	0		21.68		22.90
10	QPSK	25	14		21.64		22.90
10	QPSK	25	27		21.79		22.90
10	QPSK	50	0		21.66		22.90
10	16QAM	1	1		21.77		22.90
10	64QAM	1	1		21.23		22.40
10	256QAM	1	1		19.30		20.40
Channel				158100	158600	159100	Tune-up limit
Frequency (MHz)				790.5	793	795.5	(dBm)
5	PI/2 BPSK	1	1	21.73	21.80	21.75	22.90

【FR1 n25_Ant 1_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	24.20	24.23	24.18	25.20
40	PI/2 BPSK	1	108	24.12	24.21	24.19	25.20
40	PI/2 BPSK	1	214	24.10	24.18	24.08	25.20
40	PI/2 BPSK	108	0	23.78	23.82	23.67	24.70
40	PI/2 BPSK	108	54	24.11	24.17	24.03	25.20
40	PI/2 BPSK	108	108	23.75	23.78	23.74	24.70
40	PI/2 BPSK	216	0	23.81	23.74	23.77	24.70
40	QPSK	1	1	24.16	24.07	24.12	25.20
40	QPSK	1	108	24.04	24.20	24.13	25.20
40	QPSK	1	214	24.17	24.15	24.17	25.20
40	QPSK	108	0	23.14	23.28	23.12	24.20
40	QPSK	108	54	24.20	24.20	24.04	25.20
40	QPSK	108	108	23.23	23.37	23.30	24.20
40	QPSK	216	0	23.24	23.20	23.26	24.20
40	16QAM	1	1	23.15	23.26	23.21	24.20
40	64QAM	1	1	21.74	21.68	21.68	22.70
40	256QAM	1	1	19.69	19.70	19.72	20.70
Channel				373500	376500	379500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	24.08	24.20	24.09	25.20
Channel				373000	376500	380000	Tune-up limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	24.13	24.11	24.08	25.20
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	24.08	24.11	24.05	25.20
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	24.09	24.14	24.06	25.20
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	24.15	24.18	24.13	25.20
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	24.08	24.22	24.13	25.20
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	24.16	24.14	24.14	25.20

【FR1 n25_Ant 1_DSIO】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	24.20	24.23	24.18	25.20
40	PI/2 BPSK	1	108	24.12	24.21	24.19	25.20
40	PI/2 BPSK	1	214	24.10	24.18	24.08	25.20
40	PI/2 BPSK	108	0	23.78	23.82	23.67	24.70
40	PI/2 BPSK	108	54	24.11	24.17	24.03	25.20
40	PI/2 BPSK	108	108	23.75	23.78	23.74	24.70
40	PI/2 BPSK	216	0	23.81	23.74	23.77	24.70
40	QPSK	1	1	24.16	24.07	24.12	25.20
40	QPSK	1	108	24.04	24.20	24.13	25.20
40	QPSK	1	214	24.17	24.15	24.17	25.20
40	QPSK	108	0	23.14	23.28	23.12	24.20
40	QPSK	108	54	24.20	24.20	24.04	25.20
40	QPSK	108	108	23.23	23.37	23.30	24.20
40	QPSK	216	0	23.24	23.20	23.26	24.20
40	16QAM	1	1	23.15	23.26	23.21	24.20
40	64QAM	1	1	21.74	21.68	21.68	22.70
40	256QAM	1	1	19.69	19.70	19.72	20.70
Channel				373500	376500	379500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	24.08	24.20	24.09	25.20
Channel				373000	376500	380000	Tune-up limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	24.13	24.11	24.08	25.20

Channel				372500	376500	380500	Tune-up limit
Frequency (MHz)				1862.5	1882.5	1902.5	(dBm)
25	PI/2 BPSK	1	1	24.08	24.11	24.05	25.20
Channel				372000	376500	381000	Tune-up limit
Frequency (MHz)				1860	1882.5	1905	(dBm)
20	PI/2 BPSK	1	1	24.09	24.14	24.06	25.20
Channel				371500	376500	381500	Tune-up limit
Frequency (MHz)				1857.5	1882.5	1907.5	(dBm)
15	PI/2 BPSK	1	1	24.15	24.18	24.13	25.20
Channel				371000	376500	382000	Tune-up limit
Frequency (MHz)				1855	1882.5	1910	(dBm)
10	PI/2 BPSK	1	1	24.08	24.22	24.13	25.20
Channel				370500	376500	382500	Tune-up limit
Frequency (MHz)				1852.5	1882.5	1912.5	(dBm)
5	PI/2 BPSK	1	1	24.16	24.14	24.14	25.20

【FR1 n25_Ant 1_DS17】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	16.76	16.83	16.74	17.90
40	PI/2 BPSK	1	108	16.80	16.62	16.68	17.90
40	PI/2 BPSK	1	214	16.75	16.69	16.74	17.90
40	PI/2 BPSK	108	0	16.69	16.62	16.72	17.90
40	PI/2 BPSK	108	54	16.67	16.71	16.59	17.90
40	PI/2 BPSK	108	108	16.66	16.67	16.62	17.90
40	PI/2 BPSK	216	0	16.66	16.80	16.70	17.90
40	QPSK	1	1	16.61	16.73	16.79	17.90
40	QPSK	1	108	16.76	16.84	16.70	17.90
40	QPSK	1	214	16.64	16.70	16.57	17.90
40	QPSK	108	0	16.68	16.62	16.71	17.90
40	QPSK	108	54	16.62	16.81	16.66	17.90
40	QPSK	108	108	16.62	16.84	16.72	17.90
40	QPSK	216	0	16.73	16.81	16.59	17.90
40	16QAM	1	1	16.64	16.77	16.72	17.90
40	64QAM	1	1	16.59	16.65	16.65	17.90
40	256QAM	1	1	16.68	16.64	16.78	17.90
Channel				373500	376500	379500	Tune-up limit
Frequency (MHz)				1867.5	1882.5	1897.5	(dBm)
35	PI/2 BPSK	1	1	16.75	16.79	16.68	17.90
Channel				373000	376500	380000	Tune-up limit
Frequency (MHz)				1865	1882.5	1900	(dBm)
30	PI/2 BPSK	1	1	16.62	16.76	16.73	17.90
Channel				372500	376500	380500	Tune-up limit
Frequency (MHz)				1862.5	1882.5	1902.5	(dBm)
25	PI/2 BPSK	1	1	16.73	16.80	16.71	17.90
Channel				372000	376500	381000	Tune-up limit
Frequency (MHz)				1860	1882.5	1905	(dBm)
20	PI/2 BPSK	1	1	16.63	16.76	16.72	17.90
Channel				371500	376500	381500	Tune-up limit
Frequency (MHz)				1857.5	1882.5	1907.5	(dBm)
15	PI/2 BPSK	1	1	16.65	16.76	16.63	17.90
Channel				371000	376500	382000	Tune-up limit
Frequency (MHz)				1855	1882.5	1910	(dBm)
10	PI/2 BPSK	1	1	16.71	16.75	16.71	17.90
Channel				370500	376500	382500	Tune-up limit
Frequency (MHz)				1852.5	1882.5	1912.5	(dBm)
5	PI/2 BPSK	1	1	16.68	16.82	16.67	17.90

【FR1 n25_Ant 5_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	24.57	24.63	24.53	25.20
40	PI/2 BPSK	1	108	24.56	24.52	24.40	25.20
40	PI/2 BPSK	1	214	24.46	24.45	24.48	25.20
40	PI/2 BPSK	108	0	24.19	24.15	24.13	24.70
40	PI/2 BPSK	108	54	24.58	24.57	24.49	25.20
40	PI/2 BPSK	108	108	24.16	24.09	24.04	24.70
40	PI/2 BPSK	216	0	24.09	24.15	24.01	24.70
40	QPSK	1	1	24.48	24.57	24.41	25.20
40	QPSK	1	108	24.44	24.55	24.53	25.20
40	QPSK	1	214	24.59	24.45	24.39	25.20
40	QPSK	108	0	23.62	23.62	23.59	24.20
40	QPSK	108	54	24.45	24.57	24.43	25.20
40	QPSK	108	108	23.66	23.67	23.61	24.20
40	QPSK	216	0	23.63	23.63	23.55	24.20
40	16QAM	1	1	23.59	23.70	23.61	24.20
40	64QAM	1	1	22.18	22.07	22.06	22.70
40	256QAM	1	1	20.09	20.15	20.06	20.70
Channel				373500	376500	379500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	24.48	24.53	24.51	25.20
Channel				373000	376500	380000	Tune-up limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	24.43	24.55	24.43	25.20
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	24.49	24.49	24.51	25.20
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	24.43	24.61	24.46	25.20
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	24.44	24.57	24.48	25.20
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	24.47	24.56	24.39	25.20
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	24.52	24.54	24.50	25.20

【FR1 n25_Ant 5_DSIO】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	24.57	24.63	24.53	25.20
40	PI/2 BPSK	1	108	24.56	24.52	24.40	25.20
40	PI/2 BPSK	1	214	24.46	24.45	24.48	25.20
40	PI/2 BPSK	108	0	24.19	24.15	24.13	24.70
40	PI/2 BPSK	108	54	24.58	24.57	24.49	25.20
40	PI/2 BPSK	108	108	24.16	24.09	24.04	24.70
40	PI/2 BPSK	216	0	24.09	24.15	24.01	24.70
40	QPSK	1	1	24.48	24.57	24.41	25.20
40	QPSK	1	108	24.44	24.55	24.53	25.20
40	QPSK	1	214	24.59	24.45	24.39	25.20
40	QPSK	108	0	23.62	23.62	23.59	24.20
40	QPSK	108	54	24.45	24.57	24.43	25.20
40	QPSK	108	108	23.66	23.67	23.61	24.20
40	QPSK	216	0	23.63	23.63	23.55	24.20
40	16QAM	1	1	23.59	23.70	23.61	24.20
40	64QAM	1	1	22.18	22.07	22.06	22.70
40	256QAM	1	1	20.09	20.15	20.06	20.70
Channel				373500	376500	379500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	24.48	24.53	24.51	25.20
Channel				373000	376500	380000	Tune-up limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	24.43	24.55	24.43	25.20

Channel				372500	376500	380500	Tune-up limit
Frequency (MHz)				1862.5	1882.5	1902.5	(dBm)
25	PI/2 BPSK	1	1	24.49	24.49	24.51	25.20
Channel				372000	376500	381000	Tune-up limit
Frequency (MHz)				1860	1882.5	1905	(dBm)
20	PI/2 BPSK	1	1	24.43	24.61	24.46	25.20
Channel				371500	376500	381500	Tune-up limit
Frequency (MHz)				1857.5	1882.5	1907.5	(dBm)
15	PI/2 BPSK	1	1	24.44	24.57	24.48	25.20
Channel				371000	376500	382000	Tune-up limit
Frequency (MHz)				1855	1882.5	1910	(dBm)
10	PI/2 BPSK	1	1	24.47	24.56	24.39	25.20
Channel				370500	376500	382500	Tune-up limit
Frequency (MHz)				1852.5	1882.5	1912.5	(dBm)
5	PI/2 BPSK	1	1	24.52	24.54	24.50	25.20

【FR1 n25_Ant 5_DSI7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	17.03	16.95	16.91	17.30
40	PI/2 BPSK	1	108	17.00	16.81	16.91	17.30
40	PI/2 BPSK	1	214	16.95	16.91	16.88	17.30
40	PI/2 BPSK	108	0	16.85	16.86	16.91	17.30
40	PI/2 BPSK	108	54	16.89	17.04	16.75	17.30
40	PI/2 BPSK	108	108	16.79	16.92	16.78	17.30
40	PI/2 BPSK	216	0	16.81	17.03	16.72	17.30
40	QPSK	1	1	16.75	16.85	16.76	17.30
40	QPSK	1	108	16.91	16.87	16.69	17.30
40	QPSK	1	214	16.83	17.02	16.77	17.30
40	QPSK	108	0	16.93	16.80	16.97	17.30
40	QPSK	108	54	16.95	16.94	16.83	17.30
40	QPSK	108	108	16.92	16.93	16.71	17.30
40	QPSK	216	0	16.85	16.93	16.83	17.30
40	16QAM	1	1	16.92	16.96	16.96	17.30
40	64QAM	1	1	16.85	17.08	16.78	17.30
40	256QAM	1	1	16.80	16.90	16.81	17.30
Channel				373500	376500	379500	Tune-up limit
Frequency (MHz)				1867.5	1882.5	1897.5	(dBm)
35	PI/2 BPSK	1	1	16.97	16.88	16.80	17.30
Channel				373000	376500	380000	Tune-up limit
Frequency (MHz)				1865	1882.5	1900	(dBm)
30	PI/2 BPSK	1	1	16.99	16.87	16.89	17.30
Channel				372500	376500	380500	Tune-up limit
Frequency (MHz)				1862.5	1882.5	1902.5	(dBm)
25	PI/2 BPSK	1	1	16.89	16.84	16.78	17.30
Channel				372000	376500	381000	Tune-up limit
Frequency (MHz)				1860	1882.5	1905	(dBm)
20	PI/2 BPSK	1	1	16.97	16.91	16.81	17.30
Channel				371500	376500	381500	Tune-up limit
Frequency (MHz)				1857.5	1882.5	1907.5	(dBm)
15	PI/2 BPSK	1	1	16.94	16.90	16.88	17.30
Channel				371000	376500	382000	Tune-up limit
Frequency (MHz)				1855	1882.5	1910	(dBm)
10	PI/2 BPSK	1	1	16.89	16.91	16.85	17.30
Channel				370500	376500	382500	Tune-up limit
Frequency (MHz)				1852.5	1882.5	1912.5	(dBm)
5	PI/2 BPSK	1	1	17.00	16.80	16.81	17.30

【FR1 n26 FCC_Ant 8_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	24.48	24.33	24.21	25.20
20	PI/2 BPSK	1	53	24.35	24.30	24.24	25.20
20	PI/2 BPSK	1	104	24.38	24.31	24.22	25.20
20	PI/2 BPSK	50	0	24.06	23.95	23.87	24.70
20	PI/2 BPSK	50	28	24.52	24.30	24.26	25.20
20	PI/2 BPSK	50	56	23.87	23.84	23.69	24.70
20	PI/2 BPSK	100	0	24.04	23.95	23.79	24.70
20	QPSK	1	1	24.47	24.42	24.31	25.20
20	QPSK	1	53	24.54	24.42	24.30	25.20
20	QPSK	1	104	24.34	24.29	24.11	25.20
20	QPSK	50	0	23.41	23.31	23.22	24.20
20	QPSK	50	28	24.40	24.30	24.15	25.20
20	QPSK	50	56	23.37	23.36	23.25	24.20
20	QPSK	100	0	23.25	23.20	23.13	24.20
20	16QAM	1	1	23.28	23.28	23.21	24.20
20	64QAM	1	1	21.97	21.89	21.78	22.70
20	256QAM	1	1	19.95	19.96	19.86	20.70
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	24.39	24.22	24.06	25.20
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	24.46	24.19	24.14	25.20
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	24.35	24.32	24.07	25.20

【FR1 n26 FCC_Ant 8_DSI0】

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	24.48	24.33	24.21	25.20
20	PI/2 BPSK	1	53	24.35	24.30	24.24	25.20
20	PI/2 BPSK	1	104	24.38	24.31	24.22	25.20
20	PI/2 BPSK	50	0	24.06	23.95	23.87	24.70
20	PI/2 BPSK	50	28	24.52	24.30	24.26	25.20
20	PI/2 BPSK	50	56	23.87	23.84	23.69	24.70
20	PI/2 BPSK	100	0	24.04	23.95	23.79	24.70
20	QPSK	1	1	24.47	24.42	24.31	25.20
20	QPSK	1	53	24.54	24.42	24.30	25.20
20	QPSK	1	104	24.34	24.29	24.11	25.20
20	QPSK	50	0	23.41	23.31	23.22	24.20
20	QPSK	50	28	24.40	24.30	24.15	25.20
20	QPSK	50	56	23.37	23.36	23.25	24.20
20	QPSK	100	0	23.25	23.20	23.13	24.20
20	16QAM	1	1	23.28	23.28	23.21	24.20
20	64QAM	1	1	21.97	21.89	21.78	22.70
20	256QAM	1	1	19.95	19.96	19.86	20.70
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	24.39	24.22	24.06	25.20
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	24.46	24.19	24.14	25.20
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	24.35	24.32	24.07	25.20

【FR1 n26_FCC_Ant 8_DSI7】

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	20.88	20.93	20.76	21.90
20	PI/2 BPSK	1	53	20.90	20.90	20.87	21.90
20	PI/2 BPSK	1	104	20.92	20.78	20.64	21.90
20	PI/2 BPSK	50	0	21.06	20.85	20.77	21.90
20	PI/2 BPSK	50	28	20.84	20.90	20.69	21.90
20	PI/2 BPSK	50	56	21.04	20.83	20.63	21.90
20	PI/2 BPSK	100	0	20.94	20.92	20.60	21.90
20	QPSK	1	1	21.00	20.72	20.71	21.90
20	QPSK	1	53	20.86	20.77	20.73	21.90
20	QPSK	1	104	20.87	20.95	20.77	21.90
20	QPSK	50	0	21.05	20.93	20.63	21.90
20	QPSK	50	28	20.95	20.88	20.74	21.90
20	QPSK	50	56	20.89	20.94	20.80	21.90
20	QPSK	100	0	21.10	20.84	20.78	21.90
20	16QAM	1	1	20.94	20.88	20.68	21.90
20	64QAM	1	1	21.05	20.93	20.81	21.90
20	256QAM	1	1	19.78	19.82	19.68	20.90
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	20.78	20.88	20.71	21.90
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	20.73	20.81	20.75	21.90
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	20.85	20.83	20.62	21.90

【FR1 n30_Ant 5_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		24.04		25.20
10	PI/2 BPSK	1	26		24.02		25.20
10	PI/2 BPSK	1	50		24.01		25.20
10	PI/2 BPSK	25	0		23.49		24.70
10	PI/2 BPSK	25	14		23.97		25.20
10	PI/2 BPSK	25	27		23.36		24.70
10	PI/2 BPSK	50	0		23.37		24.70
10	QPSK	1	1		24.07		25.20
10	QPSK	1	26		24.01		25.20
10	QPSK	1	50		23.96		25.20
10	QPSK	25	0		23.11		24.20
10	QPSK	25	14		23.97		25.20
10	QPSK	25	27		22.92		24.20
10	QPSK	50	0		23.04		24.20
10	16QAM	1	1		23.04		24.20
10	64QAM	1	1		21.58		22.70
10	256QAM	1	1		19.38		20.70
Channel				461500	462000	462500	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	24.00	24.02	23.99	25.20

【FR1 n30_Ant 5_DSI0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		24.04		25.20
10	PI/2 BPSK	1	26		24.02		25.20
10	PI/2 BPSK	1	50		24.01		25.20
10	PI/2 BPSK	25	0		23.49		24.70
10	PI/2 BPSK	25	14		23.97		25.20
10	PI/2 BPSK	25	27		23.36		24.70
10	PI/2 BPSK	50	0		23.37		24.70
10	QPSK	1	1		24.07		25.20
10	QPSK	1	26		24.01		25.20
10	QPSK	1	50		23.96		25.20
10	QPSK	25	0		23.11		24.20
10	QPSK	25	14		23.97		25.20
10	QPSK	25	27		22.92		24.20
10	QPSK	50	0		23.04		24.20
10	16QAM	1	1		23.04		24.20
10	64QAM	1	1		21.58		22.70
10	256QAM	1	1		19.38		20.70
Channel				461500	462000	462500	Tune-up limit
Frequency (MHz)				2307.5	2310	2312.5	(dBm)
5	PI/2 BPSK	1	1	24.00	24.02	23.99	25.20

【FR1 n30_Ant 5_DSI7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		16.61		18.30
10	PI/2 BPSK	1	26		16.61		18.30
10	PI/2 BPSK	1	50		16.50		18.30
10	PI/2 BPSK	25	0		16.49		18.30
10	PI/2 BPSK	25	14		16.60		18.30
10	PI/2 BPSK	25	27		16.59		18.30
10	PI/2 BPSK	50	0		16.46		18.30
10	QPSK	1	1		16.51		18.30
10	QPSK	1	26		16.53		18.30
10	QPSK	1	50		16.63		18.30
10	QPSK	25	0		16.47		18.30
10	QPSK	25	14		16.64		18.30
10	QPSK	25	27		16.52		18.30
10	QPSK	50	0		16.64		18.30
10	16QAM	1	1		16.54		18.30
10	64QAM	1	1		16.48		18.30
10	256QAM	1	1		16.57		18.30
Channel				461500	462000	462500	Tune-up limit
Frequency (MHz)				2307.5	2310	2312.5	(dBm)
5	PI/2 BPSK	1	1	16.50	16.58	16.56	18.30

【FR1 n30_Ant 8_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		24.48		25.20
10	PI/2 BPSK	1	26		24.40		25.20
10	PI/2 BPSK	1	50		24.35		25.20
10	PI/2 BPSK	25	0		23.32		24.70
10	PI/2 BPSK	25	14		24.42		25.20
10	PI/2 BPSK	25	27		23.17		24.70
10	PI/2 BPSK	50	0		23.14		24.70
10	QPSK	1	1		24.30		25.20
10	QPSK	1	26		23.64		25.20
10	QPSK	1	50		23.60		25.20
10	QPSK	25	0		22.57		24.20

10	QPSK	25	14		24.27		25.20
10	QPSK	25	27		23.29		24.20
10	QPSK	50	0		23.20		24.20
10	16QAM	1	1		22.63		24.20
10	64QAM	1	1		21.24		22.70
10	256QAM	1	1		19.19		20.70
Channel				461500	462000	462500	Tune-up limit
Frequency (MHz)				2307.5	2310	2312.5	(dBm)
5	PI/2 BPSK	1	1	24.31	24.36	24.33	25.20

【FR1 n30_Ant 8_DSI0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		24.48		25.20
10	PI/2 BPSK	1	26		24.40		25.20
10	PI/2 BPSK	1	50		24.35		25.20
10	PI/2 BPSK	25	0		23.32		24.70
10	PI/2 BPSK	25	14		24.42		25.20
10	PI/2 BPSK	25	27		23.17		24.70
10	PI/2 BPSK	50	0		23.14		24.70
10	QPSK	1	1		24.30		25.20
10	QPSK	1	26		23.64		25.20
10	QPSK	1	50		23.60		25.20
10	QPSK	25	0		22.57		24.20
10	QPSK	25	14		24.27		25.20
10	QPSK	25	27		23.29		24.20
10	QPSK	50	0		23.20		24.20
10	16QAM	1	1		22.63		24.20
10	64QAM	1	1		21.24		22.70
10	256QAM	1	1		19.19		20.70
Channel				461500	462000	462500	Tune-up limit
Frequency (MHz)				2307.5	2310	2312.5	(dBm)
5	PI/2 BPSK	1	1	24.31	24.36	24.33	25.20

【FR1 n30_Ant 8_DSI7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		17.55		18.40
10	PI/2 BPSK	1	26		17.43		18.40
10	PI/2 BPSK	1	50		17.45		18.40
10	PI/2 BPSK	25	0		17.42		18.40
10	PI/2 BPSK	25	14		17.47		18.40
10	PI/2 BPSK	25	27		17.41		18.40
10	PI/2 BPSK	50	0		17.43		18.40
10	QPSK	1	1		17.38		18.40
10	QPSK	1	26		17.37		18.40
10	QPSK	1	50		17.49		18.40
10	QPSK	25	0		17.42		18.40
10	QPSK	25	14		17.57		18.40
10	QPSK	25	27		17.57		18.40
10	QPSK	50	0		17.50		18.40
10	16QAM	1	1		17.53		18.40
10	64QAM	1	1		17.38		18.40
10	256QAM	1	1		17.55		18.40
Channel				461500	462000	462500	Tune-up limit
Frequency (MHz)				2307.5	2310	2312.5	(dBm)
5	PI/2 BPSK	1	1	17.49	17.53	17.43	18.40

【FR1 n38_Ant 5_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	23.43	24.34	24.05	25.20
40	PI/2 BPSK	1	53	23.65	24.00	23.95	25.20
40	PI/2 BPSK	1	104	23.36	24.02	23.96	25.20
40	PI/2 BPSK	50	0	22.84	23.56	23.63	24.70
40	PI/2 BPSK	50	28	23.54	24.27	24.06	25.20
40	PI/2 BPSK	50	56	23.14	23.56	23.53	24.70
40	PI/2 BPSK	100	0	22.93	23.71	23.65	24.70
40	QPSK	1	1	23.37	24.06	23.99	25.20
40	QPSK	1	53	23.35	24.01	23.97	25.20
40	QPSK	1	104	23.38	23.94	23.94	25.20
40	QPSK	50	0	22.51	23.08	23.07	24.20
40	QPSK	50	28	23.40	23.96	23.91	25.20
40	QPSK	50	56	22.61	23.30	23.20	24.20
40	QPSK	100	0	22.56	23.14	23.22	24.20
40	16QAM	1	1	22.45	23.33	23.17	24.20
40	64QAM	1	1	20.89	21.57	21.58	22.70
40	256QAM	1	1	19.10	19.71	19.56	20.70
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	23.41	24.31	23.94	25.20
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	23.34	24.31	23.93	25.20
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	23.39	24.32	23.98	25.20
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	23.32	24.24	24.00	25.20
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	23.42	24.20	23.90	25.20

【FR1 n38_Ant 5_DSI0】

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	23.43	24.34	24.05	25.20
40	PI/2 BPSK	1	53	23.65	24.00	23.95	25.20
40	PI/2 BPSK	1	104	23.36	24.02	23.96	25.20
40	PI/2 BPSK	50	0	22.84	23.56	23.63	24.70
40	PI/2 BPSK	50	28	23.54	24.27	24.06	25.20
40	PI/2 BPSK	50	56	23.14	23.56	23.53	24.70
40	PI/2 BPSK	100	0	22.93	23.71	23.65	24.70
40	QPSK	1	1	23.37	24.06	23.99	25.20
40	QPSK	1	53	23.35	24.01	23.97	25.20
40	QPSK	1	104	23.38	23.94	23.94	25.20
40	QPSK	50	0	22.51	23.08	23.07	24.20
40	QPSK	50	28	23.40	23.96	23.91	25.20
40	QPSK	50	56	22.61	23.30	23.20	24.20
40	QPSK	100	0	22.56	23.14	23.22	24.20
40	16QAM	1	1	22.45	23.33	23.17	24.20
40	64QAM	1	1	20.89	21.57	21.58	22.70
40	256QAM	1	1	19.10	19.71	19.56	20.70
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	23.41	24.31	23.94	25.20
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	23.34	24.31	23.93	25.20
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	23.39	24.32	23.98	25.20
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	23.32	24.24	24.00	25.20

Channel				515000	519000	523000	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	PI/2 BPSK	1	1	23.42	24.20	23.90	25.20

【FR1 n38_Ant 5_DS17】

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	16.22	16.41	16.27	18.10
40	PI/2 BPSK	1	53	16.34	16.41	16.34	18.10
40	PI/2 BPSK	1	104	16.41	16.24	16.37	18.10
40	PI/2 BPSK	50	0	16.39	16.32	16.22	18.10
40	PI/2 BPSK	50	28	16.28	16.40	16.36	18.10
40	PI/2 BPSK	50	56	16.34	16.35	16.32	18.10
40	PI/2 BPSK	100	0	16.23	16.27	16.39	18.10
40	QPSK	1	1	16.30	16.43	16.30	18.10
40	QPSK	1	53	16.28	16.35	16.41	18.10
40	QPSK	1	104	16.24	16.40	16.42	18.10
40	QPSK	50	0	16.33	16.38	16.23	18.10
40	QPSK	50	28	16.36	16.37	16.39	18.10
40	QPSK	50	56	16.34	16.32	16.46	18.10
40	QPSK	100	0	16.44	16.22	16.28	18.10
40	16QAM	1	1	16.23	16.33	16.30	18.10
40	64QAM	1	1	16.36	16.42	16.23	18.10
40	256QAM	1	1	16.41	16.38	16.29	18.10
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	16.11	16.28	16.13	18.10
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	16.18	16.33	16.16	18.10
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	16.11	16.26	16.23	18.10
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	16.18	16.37	16.15	18.10
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	16.20	16.31	16.15	18.10

【FR1 n38_Ant 8_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	24.67	24.71	24.70	25.20
40	PI/2 BPSK	1	53	24.66	24.65	24.56	25.20
40	PI/2 BPSK	1	104	24.76	24.64	24.80	25.20
40	PI/2 BPSK	50	0	24.01	24.40	24.38	24.70
40	PI/2 BPSK	50	28	24.47	24.62	24.61	25.20
40	PI/2 BPSK	50	56	24.21	24.39	24.04	24.70
40	PI/2 BPSK	100	0	24.20	24.23	24.08	24.70
40	QPSK	1	1	24.66	24.68	24.49	25.20
40	QPSK	1	53	24.61	24.70	24.67	25.20
40	QPSK	1	104	24.61	24.55	24.52	25.20
40	QPSK	50	0	23.57	23.82	23.48	24.20
40	QPSK	50	28	24.64	24.72	24.67	25.20
40	QPSK	50	56	23.70	23.73	23.64	24.20
40	QPSK	100	0	23.73	23.90	23.45	24.20
40	16QAM	1	1	23.64	23.76	23.59	24.20
40	64QAM	1	1	22.21	22.33	22.13	22.70
40	256QAM	1	1	20.25	20.33	20.08	20.70
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	24.53	24.56	24.69	25.20
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	24.58	24.68	24.63	25.20

Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	24.54	24.65	24.59	25.20
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	24.54	24.56	24.64	25.20
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	24.56	24.57	24.66	25.20

【FR1 n38_Ant 8_DSI0】

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	24.67	24.71	24.70	25.20
40	PI/2 BPSK	1	53	24.66	24.65	24.56	25.20
40	PI/2 BPSK	1	104	24.76	24.64	24.80	25.20
40	PI/2 BPSK	50	0	24.01	24.40	24.38	24.70
40	PI/2 BPSK	50	28	24.47	24.62	24.61	25.20
40	PI/2 BPSK	50	56	24.21	24.39	24.04	24.70
40	PI/2 BPSK	100	0	24.20	24.23	24.08	24.70
40	QPSK	1	1	24.66	24.68	24.49	25.20
40	QPSK	1	53	24.61	24.70	24.67	25.20
40	QPSK	1	104	24.61	24.55	24.52	25.20
40	QPSK	50	0	23.57	23.82	23.48	24.20
40	QPSK	50	28	24.64	24.72	24.67	25.20
40	QPSK	50	56	23.70	23.73	23.64	24.20
40	QPSK	100	0	23.73	23.90	23.45	24.20
40	16QAM	1	1	23.64	23.76	23.59	24.20
40	64QAM	1	1	22.21	22.33	22.13	22.70
40	256QAM	1	1	20.25	20.33	20.08	20.70
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	24.53	24.56	24.69	25.20
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	24.58	24.68	24.63	25.20
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	24.54	24.65	24.59	25.20
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	24.54	24.56	24.64	25.20
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	24.56	24.57	24.66	25.20

【FR1 n38_Ant 8_DSI7】

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	10.15	10.35	10.26	11.20
40	PI/2 BPSK	1	53	10.22	10.33	10.26	11.20
40	PI/2 BPSK	1	104	10.09	10.10	10.18	11.20
40	PI/2 BPSK	50	0	10.17	10.30	10.19	11.20
40	PI/2 BPSK	50	28	10.08	10.33	10.12	11.20
40	PI/2 BPSK	50	56	10.12	10.22	10.20	11.20
40	PI/2 BPSK	100	0	10.27	10.30	10.16	11.20
40	QPSK	1	1	10.12	10.23	10.30	11.20
40	QPSK	1	53	10.18	10.20	10.31	11.20
40	QPSK	1	104	10.19	10.22	10.12	11.20
40	QPSK	50	0	10.06	10.33	10.21	11.20
40	QPSK	50	28	10.13	10.23	10.28	11.20
40	QPSK	50	56	10.27	10.11	10.12	11.20
40	QPSK	100	0	10.20	10.27	10.11	11.20
40	16QAM	1	1	10.11	10.23	10.20	11.20
40	64QAM	1	1	10.17	10.14	10.10	11.20
40	256QAM	1	1	10.28	10.15	10.13	11.20

Channel				517000	519000	521000	Tune-up limit
Frequency (MHz)				2585	2595	2605	(dBm)
30	PI/2 BPSK	1	1	10.03	10.34	10.14	11.20
Channel				516500	519000	521500	Tune-up limit
Frequency (MHz)				2582.5	2595	2607.5	(dBm)
25	PI/2 BPSK	1	1	10.03	10.24	10.22	11.20
Channel				516000	519000	522000	Tune-up limit
Frequency (MHz)				2580	2595	2610	(dBm)
20	PI/2 BPSK	1	1	10.05	10.25	10.18	11.20
Channel				515500	519000	522500	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	PI/2 BPSK	1	1	10.04	10.33	10.16	11.20
Channel				515000	519000	523000	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	PI/2 BPSK	1	1	10.02	10.25	10.17	11.20

【FR1 n41_FCC_Ant 3_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.75	23.82	23.77	25.20
100	PI/2 BPSK	1	137	23.59	23.57	23.69	25.20
100	PI/2 BPSK	1	271	23.74	23.62	23.61	25.20
100	PI/2 BPSK	135	0	23.28	23.16	23.27	24.70
100	PI/2 BPSK	135	69	23.69	23.74	23.63	25.20
100	PI/2 BPSK	135	138	23.20	23.23	23.19	24.70
100	PI/2 BPSK	270	0	23.24	23.26	23.21	24.70
100	QPSK	1	1	23.59	23.67	23.66	25.20
100	QPSK	1	137	23.53	23.60	23.62	25.20
100	QPSK	1	271	23.69	23.69	23.60	25.20
100	QPSK	135	0	22.72	22.76	22.64	24.20
100	QPSK	135	69	23.70	23.70	23.57	25.20
100	QPSK	135	138	22.64	22.71	22.74	24.20
100	QPSK	270	0	22.84	22.71	22.86	24.20
100	16QAM	1	1	22.72	22.79	22.71	24.20
100	64QAM	1	1	21.30	21.24	21.14	22.70
100	256QAM	1	1	19.27	19.23	19.19	20.70
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	23.63	23.80	23.67	25.20
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	23.64	23.72	23.74	25.20
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	23.62	23.80	23.69	25.20
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	23.64	23.72	23.70	25.20
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	23.60	23.71	23.72	25.20
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	23.70	23.75	23.70	25.20
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	23.72	23.73	23.63	25.20
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	23.64	23.71	23.64	25.20
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	23.69	23.80	23.71	25.20
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	23.61	23.68	23.64	25.20
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	23.61	23.80	23.74	25.20
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	23.67	23.80	23.66	25.20

Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	23.68	23.80	23.69	25.20

【FR1 n41 __FCC_HPUE_Ant 3_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	26.33	26.48	26.24	27.00
100	PI/2 BPSK	1	137	25.92	26.12	26.28	27.00
100	PI/2 BPSK	1	271	26.21	26.39	26.33	27.00
100	PI/2 BPSK	135	0	25.50	25.78	25.89	26.50
100	PI/2 BPSK	135	69	26.05	26.34	26.29	27.00
100	PI/2 BPSK	135	138	25.78	25.96	25.74	26.50
100	PI/2 BPSK	270	0	25.65	25.93	25.81	26.50
100	QPSK	1	1	26.01	26.19	26.37	27.00
100	QPSK	1	137	26.14	26.32	26.30	27.00
100	QPSK	1	271	25.92	26.19	26.14	27.00
100	QPSK	135	0	25.14	25.36	25.24	26.00
100	QPSK	135	69	26.03	26.25	26.24	27.00
100	QPSK	135	138	25.20	25.43	25.50	26.00
100	QPSK	270	0	24.96	25.22	25.43	26.00
100	16QAM	1	1	25.23	25.39	25.36	26.00
100	64QAM	1	1	23.62	23.81	23.82	24.50
100	256QAM	1	1	21.45	21.70	21.71	22.50
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	26.19	26.43	26.16	27.00
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	26.18	26.35	26.09	27.00
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	26.19	26.47	26.10	27.00
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	26.23	26.41	26.15	27.00
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	26.23	26.45	26.23	27.00
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	26.30	26.41	26.16	27.00
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	26.30	26.45	26.16	27.00
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	26.24	26.33	26.17	27.00
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	26.23	26.41	26.15	27.00
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	26.22	26.45	26.12	27.00
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	26.27	26.45	26.10	27.00
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	26.20	26.36	26.11	27.00
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	26.32	26.40	26.18	27.00

【FR1 n41 _ FCC_Ant 3_DSI0】

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	7.72	8.10	7.62	9.50
100	PI/2 BPSK	1	137	7.58	7.94	7.76	9.50
100	PI/2 BPSK	1	271	7.90	7.90	7.53	9.50
100	PI/2 BPSK	135	0	7.68	7.93	7.78	9.50
100	PI/2 BPSK	135	69	7.64	8.08	7.94	9.50
100	PI/2 BPSK	135	138	7.90	8.00	7.79	9.50
100	PI/2 BPSK	270	0	7.71	7.80	7.77	9.50
100	QPSK	1	1	7.83	7.83	7.69	9.50
100	QPSK	1	137	7.92	7.87	7.89	9.50
100	QPSK	1	271	7.67	8.04	7.83	9.50
100	QPSK	135	0	7.71	7.82	7.59	9.50
100	QPSK	135	69	7.87	7.72	7.59	9.50
100	QPSK	135	138	7.78	7.87	7.74	9.50
100	QPSK	270	0	7.78	7.79	7.57	9.50
100	16QAM	1	1	7.91	7.83	7.70	9.50
100	64QAM	1	1	7.78	7.75	7.83	9.50
100	256QAM	1	1	7.68	8.09	7.75	9.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	7.67	8.02	7.51	9.50
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	7.58	7.96	7.56	9.50
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	7.59	8.02	7.50	9.50
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	7.63	7.99	7.57	9.50
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	7.70	8.06	7.54	9.50
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	7.63	7.99	7.54	9.50
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	7.62	8.09	7.56	9.50
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	7.69	8.03	7.53	9.50
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	7.70	8.08	7.50	9.50
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	7.68	8.00	7.53	9.50
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	7.61	8.02	7.52	9.50
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	7.69	8.01	7.54	9.50
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	7.68	8.08	7.60	9.50

【FR1 n41 _ FCC_Ant 3_DSI7】

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	7.72	8.10	7.62	9.50
100	PI/2 BPSK	1	137	7.58	7.94	7.76	9.50
100	PI/2 BPSK	1	271	7.90	7.90	7.53	9.50
100	PI/2 BPSK	135	0	7.68	7.93	7.78	9.50
100	PI/2 BPSK	135	69	7.64	8.08	7.94	9.50
100	PI/2 BPSK	135	138	7.90	8.00	7.79	9.50
100	PI/2 BPSK	270	0	7.71	7.80	7.77	9.50
100	QPSK	1	1	7.83	7.83	7.69	9.50
100	QPSK	1	137	7.92	7.87	7.89	9.50
100	QPSK	1	271	7.67	8.04	7.83	9.50
100	QPSK	135	0	7.71	7.82	7.59	9.50
100	QPSK	135	69	7.87	7.72	7.59	9.50
100	QPSK	135	138	7.78	7.87	7.74	9.50
100	QPSK	270	0	7.78	7.79	7.57	9.50
100	16QAM	1	1	7.91	7.83	7.70	9.50
100	64QAM	1	1	7.78	7.75	7.83	9.50
100	256QAM	1	1	7.68	8.09	7.75	9.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	7.67	8.02	7.51	9.50
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	7.58	7.96	7.56	9.50
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	7.59	8.02	7.50	9.50
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	7.63	7.99	7.57	9.50
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	7.70	8.06	7.54	9.50
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	7.63	7.99	7.54	9.50
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	7.62	8.09	7.56	9.50
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	7.69	8.03	7.53	9.50
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	7.70	8.08	7.50	9.50
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	7.68	8.00	7.53	9.50
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	7.61	8.02	7.52	9.50
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	7.69	8.01	7.54	9.50
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	7.68	8.08	7.60	9.50

【FR1 n41 FCC_HPUE_Ant 3 DSI0】

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	10.72	11.02	10.67	12.50
100	PI/2 BPSK	1	137	10.69	10.86	10.78	12.50
100	PI/2 BPSK	1	271	10.80	10.98	10.63	12.50
100	PI/2 BPSK	135	0	10.65	10.92	10.74	12.50
100	PI/2 BPSK	135	69	10.74	11.01	10.85	12.50
100	PI/2 BPSK	135	138	10.79	10.93	10.83	12.50
100	PI/2 BPSK	270	0	10.78	10.82	10.80	12.50
100	QPSK	1	1	10.83	10.88	10.67	12.50
100	QPSK	1	137	10.85	10.89	10.81	12.50
100	QPSK	1	271	10.79	10.96	10.81	12.50
100	QPSK	135	0	10.75	10.89	10.65	12.50
100	QPSK	135	69	10.77	10.79	10.61	12.50
100	QPSK	135	138	10.75	10.80	10.77	12.50
100	QPSK	270	0	10.76	10.89	10.63	12.50
100	16QAM	1	1	10.81	10.82	10.70	12.50
100	64QAM	1	1	10.70	10.79	10.78	12.50
100	256QAM	1	1	10.65	11.00	10.72	12.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	10.59	11.00	10.54	12.50
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	10.63	10.92	10.57	12.50
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	10.67	10.92	10.66	12.50
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	10.60	10.92	10.56	12.50
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	10.69	10.88	10.61	12.50
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	10.59	10.99	10.58	12.50
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	10.58	10.93	10.58	12.50
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	10.65	10.97	10.59	12.50
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	10.62	10.92	10.62	12.50
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	10.59	11.00	10.54	12.50
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	10.61	10.90	10.55	12.50
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	10.57	10.98	10.58	12.50
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	10.62	10.93	10.63	12.50

【FR1 n41 FCC_HPUE_Ant 3_DSI7】

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	10.72	11.02	10.67	12.50
100	PI/2 BPSK	1	137	10.69	10.86	10.78	12.50
100	PI/2 BPSK	1	271	10.80	10.98	10.63	12.50
100	PI/2 BPSK	135	0	10.65	10.92	10.74	12.50
100	PI/2 BPSK	135	69	10.74	11.01	10.85	12.50
100	PI/2 BPSK	135	138	10.79	10.93	10.83	12.50
100	PI/2 BPSK	270	0	10.78	10.82	10.80	12.50
100	QPSK	1	1	10.83	10.88	10.67	12.50
100	QPSK	1	137	10.85	10.89	10.81	12.50
100	QPSK	1	271	10.79	10.96	10.81	12.50
100	QPSK	135	0	10.75	10.89	10.65	12.50
100	QPSK	135	69	10.77	10.79	10.61	12.50
100	QPSK	135	138	10.75	10.80	10.77	12.50
100	QPSK	270	0	10.76	10.89	10.63	12.50
100	16QAM	1	1	10.81	10.82	10.70	12.50
100	64QAM	1	1	10.70	10.79	10.78	12.50
100	256QAM	1	1	10.65	11.00	10.72	12.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	10.59	11.00	10.54	12.50
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	10.63	10.92	10.57	12.50
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	10.67	10.92	10.66	12.50
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	10.60	10.92	10.56	12.50
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	10.69	10.88	10.61	12.50
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	10.59	10.99	10.58	12.50
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	10.58	10.93	10.58	12.50
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	10.65	10.97	10.59	12.50
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	10.62	10.92	10.62	12.50
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	10.59	11.00	10.54	12.50
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	10.61	10.90	10.55	12.50
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	10.57	10.98	10.58	12.50
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	10.62	10.93	10.63	12.50

【FR1 n41 _ FCC_Ant 4 _ Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.68	23.75	23.77	25.20
100	PI/2 BPSK	1	137	23.65	23.68	23.81	25.20
100	PI/2 BPSK	1	271	23.75	23.52	23.76	25.20
100	PI/2 BPSK	135	0	23.25	23.27	23.38	24.70
100	PI/2 BPSK	135	69	23.64	23.67	23.62	25.20
100	PI/2 BPSK	135	138	23.25	23.26	23.33	24.70
100	PI/2 BPSK	270	0	23.18	23.15	23.29	24.70
100	QPSK	1	1	23.70	23.70	23.75	25.20
100	QPSK	1	137	23.57	23.66	23.70	25.20
100	QPSK	1	271	23.63	23.57	23.72	25.20
100	QPSK	135	0	22.82	22.68	22.78	24.20
100	QPSK	135	69	23.60	23.57	23.56	25.20
100	QPSK	135	138	22.75	22.87	22.76	24.20
100	QPSK	270	0	22.84	22.80	22.80	24.20
100	16QAM	1	1	22.82	22.77	22.68	24.20
100	64QAM	1	1	21.17	21.16	21.20	22.70
100	256QAM	1	1	19.25	19.28	19.21	20.70
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.57	23.66	23.74	25.20
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.54	23.61	23.68	25.20
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	23.54	23.56	23.68	25.20
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.62	23.63	23.69	25.20
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.59	23.54	23.70	25.20
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	23.64	23.61	23.68	25.20
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.56	23.65	23.69	25.20
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	23.61	23.61	23.74	25.20
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.62	23.58	23.75	25.20
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	23.55	23.62	23.76	25.20
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.62	23.62	23.66	25.20
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.58	23.61	23.73	25.20
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.63	23.55	23.67	25.20



【FR1 n41 FCC_HPUE_Ant 4 Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	26.79	26.82	26.67	27.00
100	PI/2 BPSK	1	137	26.54	26.65	26.66	27.00
100	PI/2 BPSK	1	271	26.65	26.50	26.75	27.00
100	PI/2 BPSK	135	0	26.23	26.23	26.33	26.50
100	PI/2 BPSK	135	69	26.49	26.63	26.61	27.00
100	PI/2 BPSK	135	138	26.26	26.37	26.36	26.50
100	PI/2 BPSK	270	0	26.30	26.30	26.19	26.50
100	QPSK	1	1	26.80	26.62	26.78	27.00
100	QPSK	1	137	26.59	26.76	26.66	27.00
100	QPSK	1	271	26.81	26.59	26.63	27.00
100	QPSK	135	0	25.88	25.91	25.77	26.00
100	QPSK	135	69	26.64	26.69	26.53	27.00
100	QPSK	135	138	25.73	25.86	25.79	26.00
100	QPSK	270	0	25.87	25.73	25.89	26.00
100	16QAM	1	1	25.80	25.63	25.72	26.00
100	64QAM	1	1	24.26	24.19	24.27	24.50
100	256QAM	1	1	22.16	22.20	22.27	22.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	26.75	26.59	26.66	27.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	26.70	26.63	26.65	27.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	26.71	26.63	26.61	27.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	26.71	26.58	26.66	27.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	26.72	26.60	26.56	27.00
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	26.78	26.69	26.57	27.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	26.68	26.60	26.64	27.00
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	26.69	26.65	26.56	27.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	26.71	26.65	26.59	27.00
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	26.78	26.62	26.54	27.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	26.70	26.64	26.55	27.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	26.66	26.62	26.55	27.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	26.70	26.65	26.54	27.00

【FR1 n41 _ FCC_Ant 4 _DSI0】

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	7.36	7.42	7.26	8.50
100	PI/2 BPSK	1	137	7.33	7.35	7.30	8.50
100	PI/2 BPSK	1	271	7.30	7.28	7.37	8.50
100	PI/2 BPSK	135	0	7.25	7.29	7.34	8.50
100	PI/2 BPSK	135	69	7.11	7.37	7.12	8.50
100	PI/2 BPSK	135	138	7.30	7.32	7.33	8.50
100	PI/2 BPSK	270	0	7.17	7.28	7.27	8.50
100	QPSK	1	1	7.30	7.27	7.00	8.50
100	QPSK	1	137	7.40	7.10	7.14	8.50
100	QPSK	1	271	7.27	7.34	6.98	8.50
100	QPSK	135	0	7.36	7.34	7.07	8.50
100	QPSK	135	69	7.28	7.21	7.31	8.50
100	QPSK	135	138	7.33	7.06	7.11	8.50
100	QPSK	270	0	7.34	7.06	7.33	8.50
100	16QAM	1	1	7.37	7.20	7.10	8.50
100	64QAM	1	1	7.25	7.13	7.24	8.50
100	256QAM	1	1	7.32	7.41	7.14	8.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	7.26	7.37	7.15	8.50
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	7.30	7.27	7.11	8.50
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	7.29	7.38	7.14	8.50
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	7.27	7.31	7.23	8.50
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	7.29	7.34	7.16	8.50
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	7.33	7.40	7.20	8.50
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	7.31	7.38	7.22	8.50
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	7.33	7.31	7.16	8.50
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	7.21	7.32	7.16	8.50
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	7.30	7.36	7.14	8.50
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	7.21	7.34	7.15	8.50
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	7.22	7.36	7.16	8.50
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	7.35	7.37	7.16	8.50

【FR1 n41 _ FCC_Ant 4 _DSI7】

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	7.36	7.42	7.26	8.50
100	PI/2 BPSK	1	137	7.33	7.35	7.30	8.50
100	PI/2 BPSK	1	271	7.30	7.28	7.37	8.50
100	PI/2 BPSK	135	0	7.25	7.29	7.34	8.50
100	PI/2 BPSK	135	69	7.11	7.37	7.12	8.50
100	PI/2 BPSK	135	138	7.30	7.32	7.33	8.50
100	PI/2 BPSK	270	0	7.17	7.28	7.27	8.50
100	QPSK	1	1	7.30	7.27	7.00	8.50
100	QPSK	1	137	7.40	7.10	7.14	8.50
100	QPSK	1	271	7.27	7.34	6.98	8.50
100	QPSK	135	0	7.36	7.34	7.07	8.50
100	QPSK	135	69	7.28	7.21	7.31	8.50
100	QPSK	135	138	7.33	7.06	7.11	8.50
100	QPSK	270	0	7.34	7.06	7.33	8.50
100	16QAM	1	1	7.37	7.20	7.10	8.50
100	64QAM	1	1	7.25	7.13	7.24	8.50
100	256QAM	1	1	7.32	7.41	7.14	8.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	7.26	7.37	7.15	8.50
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	7.30	7.27	7.11	8.50
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	7.29	7.38	7.14	8.50
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	7.27	7.31	7.23	8.50
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	7.29	7.34	7.16	8.50
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	7.33	7.40	7.20	8.50
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	7.31	7.38	7.22	8.50
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	7.33	7.31	7.16	8.50
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	7.21	7.32	7.16	8.50
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	7.30	7.36	7.14	8.50
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	7.21	7.34	7.15	8.50
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	7.22	7.36	7.16	8.50
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	7.35	7.37	7.16	8.50



【FR1 n41 FCC_HPUE_Ant 4 DSI0】

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	10.26	10.31	10.18	11.50
100	PI/2 BPSK	1	137	10.30	10.15	10.23	11.50
100	PI/2 BPSK	1	271	10.24	10.14	10.19	11.50
100	PI/2 BPSK	135	0	10.28	10.25	10.28	11.50
100	PI/2 BPSK	135	69	10.23	10.30	10.11	11.50
100	PI/2 BPSK	135	138	10.26	10.28	10.21	11.50
100	PI/2 BPSK	270	0	10.24	10.28	10.17	11.50
100	QPSK	1	1	10.24	10.24	10.08	11.50
100	QPSK	1	137	10.33	10.09	10.21	11.50
100	QPSK	1	271	10.27	10.28	10.05	11.50
100	QPSK	135	0	10.30	10.23	10.14	11.50
100	QPSK	135	69	10.24	10.14	10.24	11.50
100	QPSK	135	138	10.26	10.13	10.12	11.50
100	QPSK	270	0	10.29	10.09	10.27	11.50
100	16QAM	1	1	10.26	10.26	10.05	11.50
100	64QAM	1	1	10.21	10.14	10.23	11.50
100	256QAM	1	1	10.24	10.31	10.23	11.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	10.22	10.25	10.05	11.50
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	10.16	10.30	10.13	11.50
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	10.25	10.24	10.10	11.50
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	10.12	10.27	10.17	11.50
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	10.16	10.25	10.14	11.50
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	10.23	10.19	10.09	11.50
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	10.14	10.24	10.09	11.50
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	10.12	10.30	10.15	11.50
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	10.17	10.23	10.17	11.50
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	10.14	10.30	10.12	11.50
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	10.23	10.17	10.05	11.50
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	10.14	10.21	10.12	11.50
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	10.18	10.21	10.16	11.50

【FR1 n41 FCC_HPUE_Ant 4 DSI7】

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	10.26	10.31	10.18	11.50
100	PI/2 BPSK	1	137	10.30	10.15	10.23	11.50
100	PI/2 BPSK	1	271	10.24	10.14	10.19	11.50
100	PI/2 BPSK	135	0	10.28	10.25	10.28	11.50
100	PI/2 BPSK	135	69	10.23	10.30	10.11	11.50
100	PI/2 BPSK	135	138	10.26	10.28	10.21	11.50
100	PI/2 BPSK	270	0	10.24	10.28	10.17	11.50
100	QPSK	1	1	10.24	10.24	10.08	11.50
100	QPSK	1	137	10.33	10.09	10.21	11.50
100	QPSK	1	271	10.27	10.28	10.05	11.50
100	QPSK	135	0	10.30	10.23	10.14	11.50
100	QPSK	135	69	10.24	10.14	10.24	11.50
100	QPSK	135	138	10.26	10.13	10.12	11.50
100	QPSK	270	0	10.29	10.09	10.27	11.50
100	16QAM	1	1	10.26	10.26	10.05	11.50
100	64QAM	1	1	10.21	10.14	10.23	11.50
100	256QAM	1	1	10.24	10.31	10.23	11.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	10.22	10.25	10.05	11.50
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	10.16	10.30	10.13	11.50
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	10.25	10.24	10.10	11.50
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	10.12	10.27	10.17	11.50
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	10.16	10.25	10.14	11.50
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	10.23	10.19	10.09	11.50
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	10.14	10.24	10.09	11.50
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	10.12	10.30	10.15	11.50
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	10.17	10.23	10.17	11.50
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	10.14	10.30	10.12	11.50
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	10.23	10.17	10.05	11.50
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	10.14	10.21	10.12	11.50
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	10.18	10.21	10.16	11.50

【FR1 n41 _ FCC_Ant 5_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.81	24.65	24.33	25.20
100	PI/2 BPSK	1	137	23.68	24.53	24.29	25.20
100	PI/2 BPSK	1	271	23.55	24.49	24.42	25.20
100	PI/2 BPSK	135	0	23.24	24.10	24.11	24.70
100	PI/2 BPSK	135	69	23.64	24.59	24.34	25.20
100	PI/2 BPSK	135	138	23.10	24.05	23.88	24.70
100	PI/2 BPSK	270	0	23.19	24.13	24.01	24.70
100	QPSK	1	1	23.49	24.42	24.32	25.20
100	QPSK	1	137	23.59	24.45	24.40	25.20
100	QPSK	1	271	23.59	24.49	24.40	25.20
100	QPSK	135	0	22.69	23.58	23.54	24.20
100	QPSK	135	69	23.67	24.59	24.43	25.20
100	QPSK	135	138	22.69	23.57	23.48	24.20
100	QPSK	270	0	22.57	23.48	23.43	24.20
100	16QAM	1	1	22.68	23.56	23.54	24.20
100	64QAM	1	1	21.17	21.94	22.05	22.70
100	256QAM	1	1	19.30	20.09	20.06	20.70
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.67	24.58	24.23	25.20
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.78	24.58	24.21	25.20
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	23.80	24.51	24.24	25.20
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.71	24.56	24.31	25.20
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.70	24.53	24.22	25.20
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	23.66	24.60	24.23	25.20
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.73	24.62	24.24	25.20
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	23.72	24.57	24.28	25.20
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.69	24.53	24.21	25.20
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	23.76	24.57	24.29	25.20
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.73	24.61	24.31	25.20
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.68	24.63	24.20	25.20
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.69	24.62	24.20	25.20

【FR1 n41 FCC_HPUE_Ant 5 Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	26.49	26.89	26.83	27.00
100	PI/2 BPSK	1	137	26.33	26.70	26.88	27.00
100	PI/2 BPSK	1	271	26.40	26.83	26.85	27.00
100	PI/2 BPSK	135	0	25.89	26.29	26.48	26.50
100	PI/2 BPSK	135	69	26.43	26.80	26.74	27.00
100	PI/2 BPSK	135	138	25.78	26.35	26.46	26.50
100	PI/2 BPSK	270	0	25.96	26.33	26.44	26.50
100	QPSK	1	1	26.35	26.80	26.99	27.00
100	QPSK	1	137	26.38	26.73	26.87	27.00
100	QPSK	1	271	26.24	26.82	26.95	27.00
100	QPSK	135	0	25.36	25.78	25.95	26.00
100	QPSK	135	69	26.32	26.87	26.87	27.00
100	QPSK	135	138	25.54	25.91	25.91	26.00
100	QPSK	270	0	25.31	25.74	25.97	26.00
100	16QAM	1	1	25.48	25.99	25.89	26.00
100	64QAM	1	1	23.86	24.49	24.40	24.50
100	256QAM	1	1	21.95	22.42	22.35	22.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	26.37	26.86	26.72	27.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	26.45	26.80	26.71	27.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	26.43	26.77	26.82	27.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	26.44	26.87	26.71	27.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	26.40	26.80	26.69	27.00
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	26.41	26.87	26.77	27.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	26.35	26.75	26.81	27.00
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	26.43	26.82	26.73	27.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	26.48	26.81	26.82	27.00
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	26.39	26.78	26.72	27.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	26.38	26.78	26.69	27.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	26.35	26.84	26.72	27.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	26.36	26.80	26.76	27.00

【FR1 n41__FCC_Ant 5_DSI0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.81	24.65	24.33	25.20
100	PI/2 BPSK	1	137	23.68	24.53	24.29	25.20
100	PI/2 BPSK	1	271	23.55	24.49	24.42	25.20
100	PI/2 BPSK	135	0	23.24	24.10	24.11	24.70
100	PI/2 BPSK	135	69	23.64	24.59	24.34	25.20
100	PI/2 BPSK	135	138	23.10	24.05	23.88	24.70
100	PI/2 BPSK	270	0	23.19	24.13	24.01	24.70
100	QPSK	1	1	23.49	24.42	24.32	25.20
100	QPSK	1	137	23.59	24.45	24.40	25.20
100	QPSK	1	271	23.59	24.49	24.40	25.20
100	QPSK	135	0	22.69	23.58	23.54	24.20
100	QPSK	135	69	23.67	24.59	24.43	25.20
100	QPSK	135	138	22.69	23.57	23.48	24.20
100	QPSK	270	0	22.57	23.48	23.43	24.20
100	16QAM	1	1	22.68	23.56	23.54	24.20
100	64QAM	1	1	21.17	21.94	22.05	22.70
100	256QAM	1	1	19.30	20.09	20.06	20.70
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.67	24.58	24.23	25.20
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.78	24.58	24.21	25.20
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	23.80	24.51	24.24	25.20
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.71	24.56	24.31	25.20
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.70	24.53	24.22	25.20
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	23.66	24.60	24.23	25.20
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.73	24.62	24.24	25.20
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	23.72	24.57	24.28	25.20
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.69	24.53	24.21	25.20
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	23.76	24.57	24.29	25.20
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.73	24.61	24.31	25.20
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.68	24.63	24.20	25.20
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.69	24.62	24.20	25.20

【FR1 n41 _ FCC_Ant 5_DSI7】

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	16.90	17.10	16.89	18.10
100	PI/2 BPSK	1	137	16.91	16.99	16.88	18.10
100	PI/2 BPSK	1	271	16.96	16.83	16.91	18.10
100	PI/2 BPSK	135	0	16.82	16.97	16.96	18.10
100	PI/2 BPSK	135	69	16.99	16.98	16.77	18.10
100	PI/2 BPSK	135	138	17.03	16.75	16.78	18.10
100	PI/2 BPSK	270	0	16.85	16.84	16.87	18.10
100	QPSK	1	1	16.88	16.83	16.94	18.10
100	QPSK	1	137	16.81	16.83	16.91	18.10
100	QPSK	1	271	16.89	16.91	16.84	18.10
100	QPSK	135	0	16.73	16.74	17.01	18.10
100	QPSK	135	69	16.96	16.99	16.69	18.10
100	QPSK	135	138	17.11	16.81	16.86	18.10
100	QPSK	270	0	16.73	16.93	16.96	18.10
100	16QAM	1	1	16.76	16.88	16.99	18.10
100	64QAM	1	1	16.71	17.02	16.89	18.10
100	256QAM	1	1	16.92	16.98	16.97	18.10
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	16.75	17.07	16.86	18.10
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	16.83	17.02	16.79	18.10
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	16.82	17.08	16.76	18.10
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	16.88	17.05	16.87	18.10
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	16.76	17.04	16.82	18.10
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	16.86	17.03	16.82	18.10
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	16.88	17.06	16.77	18.10
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	16.87	16.99	16.82	18.10
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	16.84	16.97	16.82	18.10
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	16.88	17.06	16.75	18.10
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	16.78	17.05	16.78	18.10
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	16.80	17.06	16.77	18.10
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	16.86	16.98	16.86	18.10

【FR1 n41 FCC_HPUE_Ant 5 DSI0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	26.49	26.89	26.83	27.00
100	PI/2 BPSK	1	137	26.33	26.70	26.88	27.00
100	PI/2 BPSK	1	271	26.40	26.83	26.85	27.00
100	PI/2 BPSK	135	0	25.89	26.29	26.48	26.50
100	PI/2 BPSK	135	69	26.43	26.80	26.74	27.00
100	PI/2 BPSK	135	138	25.78	26.35	26.46	26.50
100	PI/2 BPSK	270	0	25.96	26.33	26.44	26.50
100	QPSK	1	1	26.35	26.80	26.99	27.00
100	QPSK	1	137	26.38	26.73	26.87	27.00
100	QPSK	1	271	26.24	26.82	26.95	27.00
100	QPSK	135	0	25.36	25.78	25.95	26.00
100	QPSK	135	69	26.32	26.87	26.87	27.00
100	QPSK	135	138	25.54	25.91	25.91	26.00
100	QPSK	270	0	25.31	25.74	25.97	26.00
100	16QAM	1	1	25.48	25.99	25.89	26.00
100	64QAM	1	1	23.86	24.49	24.40	24.50
100	256QAM	1	1	21.95	22.42	22.35	22.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	26.37	26.86	26.72	27.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	26.45	26.80	26.71	27.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	26.43	26.77	26.82	27.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	26.44	26.87	26.71	27.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	26.40	26.80	26.69	27.00
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	26.41	26.87	26.77	27.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	26.35	26.75	26.81	27.00
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	26.43	26.82	26.73	27.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	26.48	26.81	26.82	27.00
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	26.39	26.78	26.72	27.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	26.38	26.78	26.69	27.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	26.35	26.84	26.72	27.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	26.36	26.80	26.76	27.00

【FR1 n41 FCC_HPUE_Ant 5 DSI7】

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	19.93	19.99	19.96	21.10
100	PI/2 BPSK	1	137	19.83	19.93	19.90	21.10
100	PI/2 BPSK	1	271	19.94	19.80	19.83	21.10
100	PI/2 BPSK	135	0	19.87	19.85	19.87	21.10
100	PI/2 BPSK	135	69	20.01	19.95	19.87	21.10
100	PI/2 BPSK	135	138	19.99	19.83	19.84	21.10
100	PI/2 BPSK	270	0	19.84	19.79	19.91	21.10
100	QPSK	1	1	19.89	19.89	19.95	21.10
100	QPSK	1	137	19.81	19.91	20.00	21.10
100	QPSK	1	271	19.99	19.89	19.79	21.10
100	QPSK	135	0	19.82	19.81	19.94	21.10
100	QPSK	135	69	19.96	19.90	19.78	21.10
100	QPSK	135	138	20.01	19.78	19.97	21.10
100	QPSK	270	0	19.83	19.99	19.89	21.10
100	16QAM	1	1	19.85	19.80	19.93	21.10
100	64QAM	1	1	19.82	19.95	19.92	21.10
100	256QAM	1	1	19.85	19.92	19.99	21.10
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	19.92	19.85	19.93	21.10
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	19.89	19.86	19.89	21.10
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	19.79	19.96	19.89	21.10
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	19.85	19.84	19.91	21.10
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	19.81	19.94	19.82	21.10
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	19.84	19.91	19.90	21.10
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	19.80	19.88	19.91	21.10
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	19.89	19.85	19.93	21.10
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	19.88	19.95	19.86	21.10
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	19.80	19.91	19.83	21.10
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	19.84	19.94	19.83	21.10
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	19.83	19.91	19.95	21.10
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	19.89	19.85	19.85	21.10

【FR1 n41 _ FCC_Ant 8_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	24.24	24.72	24.64	25.20
100	PI/2 BPSK	1	137	24.02	24.40	24.31	25.20
100	PI/2 BPSK	1	271	24.07	24.52	24.43	25.20
100	PI/2 BPSK	135	0	23.73	24.21	23.97	24.70
100	PI/2 BPSK	135	69	24.31	24.66	24.32	25.20
100	PI/2 BPSK	135	138	23.68	24.16	23.87	24.70
100	PI/2 BPSK	270	0	23.52	23.97	23.88	24.70
100	QPSK	1	1	24.03	24.60	24.34	25.20
100	QPSK	1	137	24.03	24.57	24.22	25.20
100	QPSK	1	271	23.92	24.38	24.19	25.20
100	QPSK	135	0	23.09	23.47	23.38	24.20
100	QPSK	135	69	24.06	24.51	24.35	25.20
100	QPSK	135	138	23.11	23.35	23.36	24.20
100	QPSK	270	0	23.04	23.67	23.42	24.20
100	16QAM	1	1	23.10	23.55	23.29	24.20
100	64QAM	1	1	21.57	22.15	21.92	22.70
100	256QAM	1	1	19.69	20.03	20.02	20.70
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	24.19	24.69	24.61	25.20
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	24.21	24.65	24.50	25.20
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	24.19	24.60	24.61	25.20
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	24.19	24.69	24.54	25.20
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	24.15	24.68	24.54	25.20
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	24.19	24.62	24.58	25.20
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	24.18	24.59	24.58	25.20
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	24.21	24.64	24.51	25.20
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	24.18	24.68	24.53	25.20
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	24.18	24.61	24.53	25.20
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	24.17	24.63	24.54	25.20
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	24.22	24.65	24.56	25.20
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	24.20	24.60	24.52	25.20



【FR1 n41 FCC_HPUE_Ant 8 Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	26.43	26.50	25.71	27.00
100	PI/2 BPSK	1	137	26.23	26.33	25.61	27.00
100	PI/2 BPSK	1	271	26.21	26.35	25.73	27.00
100	PI/2 BPSK	135	0	25.75	25.94	25.34	26.50
100	PI/2 BPSK	135	69	26.15	26.28	25.62	27.00
100	PI/2 BPSK	135	138	25.71	25.86	25.30	26.50
100	PI/2 BPSK	270	0	25.69	25.82	25.25	26.50
100	QPSK	1	1	26.19	26.37	25.63	27.00
100	QPSK	1	137	26.17	26.37	25.68	27.00
100	QPSK	1	271	26.07	26.16	25.56	27.00
100	QPSK	135	0	25.21	25.32	24.66	26.00
100	QPSK	135	69	26.07	26.22	25.79	27.00
100	QPSK	135	138	25.33	25.44	24.77	26.00
100	QPSK	270	0	25.25	25.38	24.86	26.00
100	16QAM	1	1	25.11	25.32	24.79	26.00
100	64QAM	1	1	23.79	23.94	23.29	24.50
100	256QAM	1	1	21.84	21.93	21.29	22.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	26.39	26.38	25.59	27.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	26.33	26.36	25.65	27.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	26.32	26.47	25.56	27.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	26.33	26.36	25.69	27.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	26.37	26.37	25.58	27.00
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	26.35	26.38	25.69	27.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	26.40	26.38	25.66	27.00
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	26.30	26.38	25.67	27.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	26.31	26.47	25.58	27.00
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	26.38	26.49	25.60	27.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	26.36	26.35	25.70	27.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	26.42	26.36	25.57	27.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	26.37	26.46	25.56	27.00



【FR1 n41 _ FCC_Ant 8_DSI0】

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	24.24	24.72	24.64	25.20
100	PI/2 BPSK	1	137	24.02	24.40	24.31	25.20
100	PI/2 BPSK	1	271	24.07	24.52	24.43	25.20
100	PI/2 BPSK	135	0	23.73	24.21	23.97	24.70
100	PI/2 BPSK	135	69	24.31	24.66	24.32	25.20
100	PI/2 BPSK	135	138	23.68	24.16	23.87	24.70
100	PI/2 BPSK	270	0	23.52	23.97	23.88	24.70
100	QPSK	1	1	24.03	24.60	24.34	25.20
100	QPSK	1	137	24.03	24.57	24.22	25.20
100	QPSK	1	271	23.92	24.38	24.19	25.20
100	QPSK	135	0	23.09	23.47	23.38	24.20
100	QPSK	135	69	24.06	24.51	24.35	25.20
100	QPSK	135	138	23.11	23.35	23.36	24.20
100	QPSK	270	0	23.04	23.67	23.42	24.20
100	16QAM	1	1	23.10	23.55	23.29	24.20
100	64QAM	1	1	21.57	22.15	21.92	22.70
100	256QAM	1	1	19.69	20.03	20.02	20.70
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	24.19	24.69	24.61	25.20
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	24.21	24.65	24.50	25.20
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	24.19	24.60	24.61	25.20
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	24.19	24.69	24.54	25.20
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	24.15	24.68	24.54	25.20
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	24.19	24.62	24.58	25.20
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	24.18	24.59	24.58	25.20
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	24.21	24.64	24.51	25.20
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	24.18	24.68	24.53	25.20
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	24.18	24.61	24.53	25.20
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	24.17	24.63	24.54	25.20
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	24.22	24.65	24.56	25.20
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	24.20	24.60	24.52	25.20

【FR1 n41 _ FCC_Ant 8_DSI7】

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	9.94	10.17	9.95	11.20
100	PI/2 BPSK	1	137	9.88	10.05	9.89	11.20
100	PI/2 BPSK	1	271	9.88	9.97	10.03	11.20
100	PI/2 BPSK	135	0	10.03	10.04	9.95	11.20
100	PI/2 BPSK	135	69	9.87	10.11	10.00	11.20
100	PI/2 BPSK	135	138	10.12	9.91	10.01	11.20
100	PI/2 BPSK	270	0	9.80	10.03	9.87	11.20
100	QPSK	1	1	10.04	9.99	10.03	11.20
100	QPSK	1	137	10.12	10.18	10.16	11.20
100	QPSK	1	271	9.93	9.92	10.05	11.20
100	QPSK	135	0	10.08	10.14	10.11	11.20
100	QPSK	135	69	9.96	9.88	10.01	11.20
100	QPSK	135	138	9.92	10.03	9.82	11.20
100	QPSK	270	0	9.93	10.06	10.01	11.20
100	16QAM	1	1	9.98	10.12	9.98	11.20
100	64QAM	1	1	9.98	9.99	10.02	11.20
100	256QAM	1	1	10.19	10.07	9.94	11.20
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	9.92	10.07	9.86	11.20
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	9.87	10.04	9.93	11.20
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	9.92	10.13	9.90	11.20
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	9.87	10.06	9.88	11.20
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	9.85	10.04	9.92	11.20
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	9.85	10.12	9.80	11.20
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	9.88	10.08	9.91	11.20
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	9.85	10.02	9.93	11.20
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	9.89	10.11	9.83	11.20
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	9.82	10.11	9.88	11.20
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	9.83	10.04	9.94	11.20
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	9.82	10.04	9.87	11.20
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	9.90	10.10	9.87	11.20

【FR1 n41 FCC_HPUE_Ant 8_DSI0】

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	25.97	26.79	26.03	27.00
100	PI/2 BPSK	1	137	25.86	26.61	25.96	27.00
100	PI/2 BPSK	1	271	26.19	26.54	25.97	27.00
100	PI/2 BPSK	135	0	25.56	26.41	25.68	26.50
100	PI/2 BPSK	135	69	25.91	26.74	26.05	27.00
100	PI/2 BPSK	135	138	25.41	26.24	25.65	26.50
100	PI/2 BPSK	270	0	25.58	26.27	25.71	26.50
100	QPSK	1	1	26.48	26.61	25.85	27.00
100	QPSK	1	137	26.03	26.66	26.01	27.00
100	QPSK	1	271	26.43	26.52	25.82	27.00
100	QPSK	135	0	24.88	25.77	24.98	26.00
100	QPSK	135	69	26.57	26.60	25.90	27.00
100	QPSK	135	138	24.89	25.66	25.26	26.00
100	QPSK	270	0	24.94	25.79	25.18	26.00
100	16QAM	1	1	24.85	25.59	25.13	26.00
100	64QAM	1	1	23.61	24.18	23.49	24.50
100	256QAM	1	1	21.44	22.30	21.51	22.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	25.92	26.75	25.94	27.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	25.88	26.71	25.95	27.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	25.87	26.71	25.98	27.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	25.92	26.74	25.91	27.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	25.93	26.71	25.92	27.00
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	25.90	26.71	26.02	27.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	25.86	26.66	26.00	27.00
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	25.89	26.69	25.95	27.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	25.93	26.70	25.95	27.00
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	25.90	26.70	25.98	27.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	25.84	26.69	26.02	27.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	25.84	26.72	25.91	27.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	25.93	26.70	25.98	27.00



【FR1 n41 FCC_HPUE_Ant 8_DSI7】

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	12.95	13.08	12.97	14.20
100	PI/2 BPSK	1	137	12.99	12.97	12.90	14.20
100	PI/2 BPSK	1	271	12.89	13.00	13.11	14.20
100	PI/2 BPSK	135	0	13.01	12.98	13.07	14.20
100	PI/2 BPSK	135	69	12.96	13.03	12.90	14.20
100	PI/2 BPSK	135	138	13.03	13.00	13.04	14.20
100	PI/2 BPSK	270	0	12.91	13.11	12.90	14.20
100	QPSK	1	1	13.07	13.02	13.12	14.20
100	QPSK	1	137	13.01	13.11	13.08	14.20
100	QPSK	1	271	12.98	12.92	13.02	14.20
100	QPSK	135	0	13.11	13.07	13.10	14.20
100	QPSK	135	69	12.96	12.94	13.08	14.20
100	QPSK	135	138	12.90	13.00	12.89	14.20
100	QPSK	270	0	12.89	13.11	13.00	14.20
100	16QAM	1	1	12.93	13.05	13.07	14.20
100	64QAM	1	1	13.09	13.03	13.05	14.20
100	256QAM	1	1	13.09	13.08	12.95	14.20
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	12.94	13.03	12.93	14.20
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	12.92	13.02	12.84	14.20
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	12.84	12.94	12.91	14.20
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	12.92	13.01	12.83	14.20
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	12.81	12.94	12.86	14.20
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	12.80	12.93	12.95	14.20
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	12.81	12.96	12.84	14.20
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	12.82	13.06	12.87	14.20
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	12.90	13.06	12.95	14.20
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	12.87	12.96	12.93	14.20
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	12.85	12.95	12.89	14.20
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	12.83	12.95	12.95	14.20
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	12.81	12.99	12.94	14.20

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

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	16.71	16.88	16.50	18.00
40	PI/2 BPSK	1	53	16.52	16.76	16.34	18.00
40	PI/2 BPSK	1	104	16.33	16.62	16.18	18.00
40	PI/2 BPSK	50	0	16.40	16.70	16.23	18.00
40	PI/2 BPSK	50	28	16.40	16.71	16.26	18.00
40	PI/2 BPSK	50	56	16.41	16.63	16.12	18.00
40	PI/2 BPSK	100	0	16.49	16.77	16.27	18.00
40	QPSK	1	1	16.43	16.69	16.17	18.00
40	QPSK	1	53	16.32	16.63	16.20	18.00
40	QPSK	1	104	16.58	16.78	16.26	18.00
40	QPSK	50	0	16.42	16.67	16.23	18.00
40	QPSK	50	28	16.55	16.77	16.36	18.00
40	QPSK	50	56	16.53	16.74	16.34	18.00
40	QPSK	100	0	16.39	16.70	16.26	18.00
40	16QAM	1	1	16.34	16.65	16.23	18.00
40	64QAM	1	1	16.58	16.79	16.38	18.00
40	256QAM	1	1	16.48	16.74	16.32	18.00
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	16.64	16.84	16.46	18.00
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	16.59	16.81	16.36	18.00
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	16.57	16.85	16.40	18.00
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	16.70	16.77	16.36	18.00

【FR1 n48_FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant
8_DSI0】

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	16.71	16.88	16.50	18.00
40	PI/2 BPSK	1	53	16.52	16.76	16.34	18.00
40	PI/2 BPSK	1	104	16.33	16.62	16.18	18.00
40	PI/2 BPSK	50	0	16.40	16.70	16.23	18.00
40	PI/2 BPSK	50	28	16.40	16.71	16.26	18.00
40	PI/2 BPSK	50	56	16.41	16.63	16.12	18.00
40	PI/2 BPSK	100	0	16.49	16.77	16.27	18.00
40	QPSK	1	1	16.43	16.69	16.17	18.00
40	QPSK	1	53	16.32	16.63	16.20	18.00
40	QPSK	1	104	16.58	16.78	16.26	18.00
40	QPSK	50	0	16.42	16.67	16.23	18.00
40	QPSK	50	28	16.55	16.77	16.36	18.00
40	QPSK	50	56	16.53	16.74	16.34	18.00
40	QPSK	100	0	16.39	16.70	16.26	18.00
40	16QAM	1	1	16.34	16.65	16.23	18.00
40	64QAM	1	1	16.58	16.79	16.38	18.00
40	256QAM	1	1	16.48	16.74	16.32	18.00
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	16.64	16.84	16.46	18.00
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	16.59	16.81	16.36	18.00
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	16.57	16.85	16.40	18.00
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	16.70	16.77	16.36	18.00

【FR1 n48_FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant
8_DSI7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	13.51	13.68	13.32	14.40
40	PI/2 BPSK	1	53	13.54	13.63	13.38	14.40
40	PI/2 BPSK	1	104	13.58	13.53	13.38	14.40
40	PI/2 BPSK	50	0	13.53	13.60	13.22	14.40
40	PI/2 BPSK	50	28	13.60	13.64	13.45	14.40
40	PI/2 BPSK	50	56	13.50	13.52	13.24	14.40
40	PI/2 BPSK	100	0	13.43	13.59	13.35	14.40
40	QPSK	1	1	13.41	13.55	13.40	14.40
40	QPSK	1	53	13.43	13.54	13.36	14.40
40	QPSK	1	104	13.41	13.65	13.33	14.40
40	QPSK	50	0	13.50	13.62	13.46	14.40
40	QPSK	50	28	13.41	13.57	13.35	14.40
40	QPSK	50	56	13.60	13.68	13.36	14.40
40	QPSK	100	0	13.46	13.52	13.29	14.40
40	16QAM	1	1	13.42	13.59	13.22	14.40
40	64QAM	1	1	13.46	13.62	13.39	14.40
40	256QAM	1	1	13.53	13.59	13.31	14.40
Channel				637668	641666	645666	
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	13.42	13.54	13.17	14.40
Channel				637334	641666	646000	
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	13.36	13.63	13.24	14.40
Channel				637168	641666	646166	
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	13.39	13.61	13.21	14.40
Channel				637000	641666	646332	
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	13.47	13.57	13.20	14.40

【FR1 n48_FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant
9_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	16.66	16.80	16.52	18.00
40	PI/2 BPSK	1	53	16.59	16.74	16.31	18.00
40	PI/2 BPSK	1	104	16.40	16.63	16.32	18.00
40	PI/2 BPSK	50	0	16.44	16.65	16.24	18.00
40	PI/2 BPSK	50	28	16.48	16.69	16.36	18.00
40	PI/2 BPSK	50	56	16.36	16.55	16.23	18.00
40	PI/2 BPSK	100	0	16.47	16.66	16.26	18.00
40	QPSK	1	1	16.34	16.58	16.25	18.00
40	QPSK	1	53	16.47	16.68	16.33	18.00
40	QPSK	1	104	16.49	16.73	16.35	18.00
40	QPSK	50	0	16.43	16.60	16.20	18.00
40	QPSK	50	28	16.54	16.78	16.39	18.00
40	QPSK	50	56	16.46	16.71	16.30	18.00
40	QPSK	100	0	16.43	16.64	16.31	18.00
40	16QAM	1	1	16.31	16.58	16.24	18.00
40	64QAM	1	1	16.54	16.69	16.36	18.00
40	256QAM	1	1	16.46	16.70	16.41	18.00
Channel				637668	641666	645666	
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	16.63	16.70	16.40	18.00
Channel				637334	641666	646000	
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	16.65	16.69	16.44	18.00
Channel				637168	641666	646166	
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	16.64	16.70	16.51	18.00
Channel				637000	641666	646332	
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	16.61	16.68	16.49	18.00

【FR1 n48__FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant
9_DSI0】

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	16.66	16.80	16.52	18.00
40	PI/2 BPSK	1	53	16.59	16.74	16.31	18.00
40	PI/2 BPSK	1	104	16.40	16.63	16.32	18.00
40	PI/2 BPSK	50	0	16.44	16.65	16.24	18.00
40	PI/2 BPSK	50	28	16.48	16.69	16.36	18.00
40	PI/2 BPSK	50	56	16.36	16.55	16.23	18.00
40	PI/2 BPSK	100	0	16.47	16.66	16.26	18.00
40	QPSK	1	1	16.34	16.58	16.25	18.00
40	QPSK	1	53	16.47	16.68	16.33	18.00
40	QPSK	1	104	16.49	16.73	16.35	18.00
40	QPSK	50	0	16.43	16.60	16.20	18.00
40	QPSK	50	28	16.54	16.78	16.39	18.00
40	QPSK	50	56	16.46	16.71	16.30	18.00
40	QPSK	100	0	16.43	16.64	16.31	18.00
40	16QAM	1	1	16.31	16.58	16.24	18.00
40	64QAM	1	1	16.54	16.69	16.36	18.00
40	256QAM	1	1	16.46	16.70	16.41	18.00
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	16.63	16.70	16.40	18.00
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	16.65	16.69	16.44	18.00
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	16.64	16.70	16.51	18.00
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	16.61	16.68	16.49	18.00

【FR1 n48__FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant
9_DSI7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	14.54	14.59	14.49	15.50
40	PI/2 BPSK	1	53	14.50	14.53	14.40	15.50
40	PI/2 BPSK	1	104	14.43	14.54	14.43	15.50
40	PI/2 BPSK	50	0	14.42	14.43	14.35	15.50
40	PI/2 BPSK	50	28	14.52	14.56	14.50	15.50
40	PI/2 BPSK	50	56	14.45	14.50	14.49	15.50
40	PI/2 BPSK	100	0	14.48	14.54	14.42	15.50
40	QPSK	1	1	14.50	14.55	14.38	15.50
40	QPSK	1	53	14.53	14.56	14.41	15.50
40	QPSK	1	104	14.56	14.66	14.54	15.50
40	QPSK	50	0	14.51	14.68	14.42	15.50
40	QPSK	50	28	14.53	14.49	14.40	15.50
40	QPSK	50	56	14.64	14.57	14.36	15.50
40	QPSK	100	0	14.54	14.51	14.39	15.50
40	16QAM	1	1	14.63	14.61	14.55	15.50
40	64QAM	1	1	14.56	14.69	14.54	15.50
40	256QAM	1	1	14.54	14.52	14.39	15.50
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	14.44	14.55	14.37	15.50
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	14.45	14.48	14.30	15.50
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	14.51	14.58	14.31	15.50
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	

10	PI/2 BPSK	1	1	14.49	14.57	14.31	15.50
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【FR1 n66_Ant 1_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346000	349000	352000	
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	23.75	23.89	23.70	25.20
40	PI/2 BPSK	1	108	23.67	23.79	23.69	25.20
40	PI/2 BPSK	1	214	23.79	23.76	23.74	25.20
40	PI/2 BPSK	108	0	23.34	23.18	23.28	24.70
40	PI/2 BPSK	108	54	23.63	23.81	23.79	25.20
40	PI/2 BPSK	108	108	23.12	23.39	23.33	24.70
40	PI/2 BPSK	216	0	23.29	23.32	23.28	24.70
40	QPSK	1	1	23.74	23.72	23.69	25.20
40	QPSK	1	108	23.51	23.77	23.70	25.20
40	QPSK	1	214	23.68	23.70	23.68	25.20
40	QPSK	108	0	22.80	22.88	22.62	24.20
40	QPSK	108	54	23.76	23.64	23.55	25.20
40	QPSK	108	108	22.79	22.79	22.96	24.20
40	QPSK	216	0	22.73	22.84	22.87	24.20
40	16QAM	1	1	22.77	22.92	22.76	24.20
40	64QAM	1	1	21.26	21.22	21.27	22.70
40	256QAM	1	1	19.30	19.34	19.34	20.70
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	23.69	23.85	23.64	25.20
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	23.61	23.84	23.59	25.20
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	23.70	23.78	23.68	25.20
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	23.69	23.76	23.60	25.20
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	23.71	23.80	23.59	25.20
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	23.64	23.83	23.69	25.20
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	23.66	23.77	23.61	25.20

【FR1 n66_Ant 1_DSI0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346000	349000	352000	
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	23.75	23.89	23.70	25.20
40	PI/2 BPSK	1	108	23.67	23.79	23.69	25.20
40	PI/2 BPSK	1	214	23.79	23.76	23.74	25.20
40	PI/2 BPSK	108	0	23.34	23.18	23.28	24.70
40	PI/2 BPSK	108	54	23.63	23.81	23.79	25.20
40	PI/2 BPSK	108	108	23.12	23.39	23.33	24.70
40	PI/2 BPSK	216	0	23.29	23.32	23.28	24.70
40	QPSK	1	1	23.74	23.72	23.69	25.20
40	QPSK	1	108	23.51	23.77	23.70	25.20
40	QPSK	1	214	23.68	23.70	23.68	25.20
40	QPSK	108	0	22.80	22.88	22.62	24.20
40	QPSK	108	54	23.76	23.64	23.55	25.20
40	QPSK	108	108	22.79	22.79	22.96	24.20
40	QPSK	216	0	22.73	22.84	22.87	24.20
40	16QAM	1	1	22.77	22.92	22.76	24.20
40	64QAM	1	1	21.26	21.22	21.27	22.70
40	256QAM	1	1	19.30	19.34	19.34	20.70
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	

35	PI/2 BPSK	1	1	23.69	23.85	23.64	25.20
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	23.61	23.84	23.59	25.20
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	23.70	23.78	23.68	25.20
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	23.69	23.76	23.60	25.20
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	23.71	23.80	23.59	25.20
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	23.64	23.83	23.69	25.20
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	23.66	23.77	23.61	25.20

【FR1 n66_Ant 1_DSI7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346000	349000	352000	
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	17.31	17.52	17.28	18.60
40	PI/2 BPSK	1	108	17.30	17.51	17.14	18.60
40	PI/2 BPSK	1	214	17.30	17.38	17.12	18.60
40	PI/2 BPSK	108	0	17.13	17.34	17.25	18.60
40	PI/2 BPSK	108	54	17.16	17.47	17.11	18.60
40	PI/2 BPSK	108	108	17.16	17.39	17.15	18.60
40	PI/2 BPSK	216	0	17.22	17.30	17.22	18.60
40	QPSK	1	1	17.25	17.47	17.10	18.60
40	QPSK	1	108	17.34	17.35	17.16	18.60
40	QPSK	1	214	17.26	17.47	17.24	18.60
40	QPSK	108	0	17.22	17.32	17.30	18.60
40	QPSK	108	54	17.33	17.38	17.23	18.60
40	QPSK	108	108	17.34	17.47	17.32	18.60
40	QPSK	216	0	17.16	17.49	17.12	18.60
40	16QAM	1	1	17.13	17.45	17.16	18.60
40	64QAM	1	1	17.16	17.28	17.19	18.60
40	256QAM	1	1	17.26	17.49	17.10	18.60
Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	17.21	17.50	17.20	18.60
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	17.17	17.45	17.24	18.60
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	17.23	17.39	17.20	18.60
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	17.25	17.38	17.14	18.60
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	17.24	17.50	17.24	18.60
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	17.23	17.40	17.22	18.60
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	17.18	17.41	17.16	18.60

【FR1 n66_Ant 5_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346000	349000	352000	
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	24.28	24.40	24.36	25.20

40	PI/2 BPSK	1	108	24.26	24.38	24.24	25.20
40	PI/2 BPSK	1	214	24.37	24.27	24.25	25.20
40	PI/2 BPSK	108	0	24.03	24.02	24.00	24.70
40	PI/2 BPSK	108	54	24.27	24.34	24.16	25.20
40	PI/2 BPSK	108	108	23.95	23.86	23.81	24.70
40	PI/2 BPSK	216	0	23.80	23.90	23.89	24.70
40	QPSK	1	1	24.35	24.35	24.19	25.20
40	QPSK	1	108	24.32	24.22	24.32	25.20
40	QPSK	1	214	24.43	24.30	24.22	25.20
40	QPSK	108	0	23.40	23.31	23.30	24.20
40	QPSK	108	54	24.23	24.38	24.21	25.20
40	QPSK	108	108	23.40	23.44	23.42	24.20
40	QPSK	216	0	23.42	23.43	23.31	24.20
40	16QAM	1	1	23.46	23.48	23.47	24.20
40	64QAM	1	1	21.92	21.81	21.88	22.70
40	256QAM	1	1	19.92	19.84	19.84	20.70
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	24.13	24.35	24.29	25.20
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	24.16	24.27	24.34	25.20
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	24.20	24.38	24.25	25.20
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	24.15	24.26	24.30	25.20
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	24.23	24.32	24.25	25.20
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	24.15	24.26	24.30	25.20
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	24.20	24.28	24.32	25.20

【FR1 n66_Ant 5_DSI0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	24.28	24.40	24.36	25.20
40	PI/2 BPSK	1	108	24.26	24.38	24.24	25.20
40	PI/2 BPSK	1	214	24.37	24.27	24.25	25.20
40	PI/2 BPSK	108	0	24.03	24.02	24.00	24.70
40	PI/2 BPSK	108	54	24.27	24.34	24.16	25.20
40	PI/2 BPSK	108	108	23.95	23.86	23.81	24.70
40	PI/2 BPSK	216	0	23.80	23.90	23.89	24.70
40	QPSK	1	1	24.35	24.35	24.19	25.20
40	QPSK	1	108	24.32	24.22	24.32	25.20
40	QPSK	1	214	24.43	24.30	24.22	25.20
40	QPSK	108	0	23.40	23.31	23.30	24.20
40	QPSK	108	54	24.23	24.38	24.21	25.20
40	QPSK	108	108	23.40	23.44	23.42	24.20
40	QPSK	216	0	23.42	23.43	23.31	24.20
40	16QAM	1	1	23.46	23.48	23.47	24.20
40	64QAM	1	1	21.92	21.81	21.88	22.70
40	256QAM	1	1	19.92	19.84	19.84	20.70
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	24.13	24.35	24.29	25.20
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	24.16	24.27	24.34	25.20
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	24.20	24.38	24.25	25.20
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	24.15	24.26	24.30	25.20
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	

15	PI/2 BPSK	1	1	24.23	24.32	24.25	25.20
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	24.15	24.26	24.30	25.20
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	24.20	24.28	24.32	25.20

【FR1 n66_Ant 5_DSI7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346000	349000	352000	Tune-up limit
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	17.43	17.50	17.38	18.40
40	PI/2 BPSK	1	108	17.25	17.32	17.40	18.40
40	PI/2 BPSK	1	214	17.38	17.34	17.43	18.40
40	PI/2 BPSK	108	0	17.26	17.33	17.36	18.40
40	PI/2 BPSK	108	54	17.36	17.46	17.37	18.40
40	PI/2 BPSK	108	108	17.27	17.35	17.33	18.40
40	PI/2 BPSK	216	0	17.35	17.38	17.36	18.40
40	QPSK	1	1	17.19	17.28	17.42	18.40
40	QPSK	1	108	17.19	17.49	17.30	18.40
40	QPSK	1	214	17.23	17.50	17.48	18.40
40	QPSK	108	0	17.22	17.46	17.42	18.40
40	QPSK	108	54	17.32	17.48	17.47	18.40
40	QPSK	108	108	17.25	17.40	17.32	18.40
40	QPSK	216	0	17.17	17.35	17.26	18.40
40	16QAM	1	1	17.36	17.32	17.38	18.40
40	64QAM	1	1	17.18	17.38	17.39	18.40
40	256QAM	1	1	17.33	17.31	17.40	18.40
Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	17.29	17.47	17.33	18.40
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	17.42	17.45	17.34	18.40
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	17.31	17.42	17.26	18.40
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	17.33	17.39	17.28	18.40
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	17.39	17.45	17.25	18.40
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	17.28	17.40	17.35	18.40
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	17.34	17.35	17.29	18.40

【FR1 n70_Ant 1_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					340500		
Frequency (MHz)					1702.5		
15	PI/2 BPSK	1	1		23.90		25.20
15	PI/2 BPSK	1	40		23.74		25.20
15	PI/2 BPSK	1	77		23.68		25.20
15	PI/2 BPSK	36	0		23.27		24.70
15	PI/2 BPSK	36	22		23.57		25.20
15	PI/2 BPSK	36	43		23.46		24.70
15	PI/2 BPSK	75	0		23.17		24.70
15	QPSK	1	1		23.77		25.20
15	QPSK	1	40		23.83		25.20
15	QPSK	1	77		23.71		25.20
15	QPSK	36	0		22.86		24.20
15	QPSK	36	22		23.73		25.20
15	QPSK	36	43		22.87		24.20
15	QPSK	75	0		22.82		24.20
15	16QAM	1	1		22.92		24.20
15	64QAM	1	1		21.30		22.70
15	256QAM	1	1		19.19		20.70
Channel				340000	340500	341000	Tune-up limit
Frequency (MHz)				1700	1702.5	1705	(dBm)
10	PI/2 BPSK	1	1	23.54	23.81	23.70	25.20
Channel				339500	340500	341500	Tune-up limit
Frequency (MHz)				1697.5	1702.5	1707.5	(dBm)
5	PI/2 BPSK	1	1	23.50	23.72	23.57	25.20

【FR1 n70_Ant 1_DSI0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					340500		
Frequency (MHz)					1702.5		
15	PI/2 BPSK	1	1		23.90		25.20
15	PI/2 BPSK	1	40		23.74		25.20
15	PI/2 BPSK	1	77		23.68		25.20
15	PI/2 BPSK	36	0		23.27		24.70
15	PI/2 BPSK	36	22		23.57		25.20
15	PI/2 BPSK	36	43		23.46		24.70
15	PI/2 BPSK	75	0		23.17		24.70
15	QPSK	1	1		23.77		25.20
15	QPSK	1	40		23.83		25.20
15	QPSK	1	77		23.71		25.20
15	QPSK	36	0		22.86		24.20
15	QPSK	36	22		23.73		25.20
15	QPSK	36	43		22.87		24.20
15	QPSK	75	0		22.82		24.20
15	16QAM	1	1		22.92		24.20
15	64QAM	1	1		21.30		22.70
15	256QAM	1	1		19.19		20.70
Channel				340000	340500	341000	Tune-up limit
Frequency (MHz)				1700	1702.5	1705	(dBm)
10	PI/2 BPSK	1	1	23.54	23.81	23.70	25.20
Channel				339500	340500	341500	Tune-up limit
Frequency (MHz)				1697.5	1702.5	1707.5	(dBm)
5	PI/2 BPSK	1	1	23.50	23.72	23.57	25.20

【FR1 n70_Ant 1_DSI7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					340500		
Frequency (MHz)					1702.5		
15	PI/2 BPSK	1	1		17.49		18.20
15	PI/2 BPSK	1	40		17.31		18.20
15	PI/2 BPSK	1	77		17.46		18.20
15	PI/2 BPSK	36	0		17.42		18.20
15	PI/2 BPSK	36	22		17.46		18.20
15	PI/2 BPSK	36	43		17.43		18.20
15	PI/2 BPSK	75	0		17.50		18.20
15	QPSK	1	1		17.34		18.20
15	QPSK	1	40		17.41		18.20
15	QPSK	1	77		17.52		18.20
15	QPSK	36	0		17.31		18.20
15	QPSK	36	22		17.52		18.20
15	QPSK	36	43		17.30		18.20
15	QPSK	75	0		17.37		18.20
15	16QAM	1	1		17.39		18.20
15	64QAM	1	1		17.47		18.20
15	256QAM	1	1		17.42		18.20
Channel				340000	340500	341000	Tune-up limit (dBm)
Frequency (MHz)				1700	1702.5	1705	
10	PI/2 BPSK	1	1	17.42	17.45	17.40	18.20
Channel				339500	340500	341500	Tune-up limit (dBm)
Frequency (MHz)				1697.5	1702.5	1707.5	
5	PI/2 BPSK	1	1	17.35	17.44	17.25	18.20

【FR1 n71_Ant 8_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				134600	136100	137600	
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	24.47	24.56	24.29	25.20
20	PI/2 BPSK	1	53	24.40	24.44	24.49	25.20
20	PI/2 BPSK	1	104	24.40	24.51	24.42	25.20
20	PI/2 BPSK	50	0	23.98	24.01	24.00	24.70
20	PI/2 BPSK	50	28	24.36	24.54	24.39	25.20
20	PI/2 BPSK	50	56	24.09	24.16	23.98	24.70
20	PI/2 BPSK	100	0	23.97	24.06	24.03	24.70
20	QPSK	1	1	24.53	24.59	24.41	25.20
20	QPSK	1	53	24.44	24.54	24.31	25.20
20	QPSK	1	104	24.49	24.46	24.34	25.20
20	QPSK	50	0	23.44	23.63	23.49	24.20
20	QPSK	50	28	24.42	24.52	24.50	25.20
20	QPSK	50	56	23.53	23.60	23.46	24.20
20	QPSK	100	0	23.59	23.54	23.37	24.20
20	16QAM	1	1	23.50	23.53	23.45	24.20
20	64QAM	1	1	22.08	22.13	22.01	22.70
20	256QAM	1	1	20.20	20.18	20.03	20.70
Channel				134100	136100	138100	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	24.37	24.48	24.21	25.20
Channel				133600	136100	138600	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	24.45	24.45	24.15	25.20
Channel				133100	136100	139100	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	24.37	24.48	24.20	25.20

【FR1 n71_Ant 8_DSI0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				134600	136100	137600	
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	24.47	24.56	24.29	25.20
20	PI/2 BPSK	1	53	24.40	24.44	24.49	25.20
20	PI/2 BPSK	1	104	24.40	24.51	24.42	25.20
20	PI/2 BPSK	50	0	23.98	24.01	24.00	24.70
20	PI/2 BPSK	50	28	24.36	24.54	24.39	25.20
20	PI/2 BPSK	50	56	24.09	24.16	23.98	24.70
20	PI/2 BPSK	100	0	23.97	24.06	24.03	24.70
20	QPSK	1	1	24.53	24.59	24.41	25.20
20	QPSK	1	53	24.44	24.54	24.31	25.20
20	QPSK	1	104	24.49	24.46	24.34	25.20
20	QPSK	50	0	23.44	23.63	23.49	24.20
20	QPSK	50	28	24.42	24.52	24.50	25.20
20	QPSK	50	56	23.53	23.60	23.46	24.20
20	QPSK	100	0	23.59	23.54	23.37	24.20
20	16QAM	1	1	23.50	23.53	23.45	24.20
20	64QAM	1	1	22.08	22.13	22.01	22.70
20	256QAM	1	1	20.20	20.18	20.03	20.70
Channel				134100	136100	138100	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	24.37	24.48	24.21	25.20
Channel				133600	136100	138600	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	24.45	24.45	24.15	25.20
Channel				133100	136100	139100	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	24.37	24.48	24.20	25.20

【FR1 n71_Ant 8_DSI7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				134600	136100	137600	
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	24.08	24.10	23.83	25.00
20	PI/2 BPSK	1	53	23.78	23.98	23.92	25.00
20	PI/2 BPSK	1	104	23.89	24.05	23.98	25.00
20	PI/2 BPSK	50	0	23.53	23.60	23.57	25.00
20	PI/2 BPSK	50	28	23.92	23.94	23.90	25.00
20	PI/2 BPSK	50	56	23.57	23.69	23.43	25.00
20	PI/2 BPSK	100	0	23.50	23.50	23.50	25.00
20	QPSK	1	1	24.14	23.99	24.01	25.00
20	QPSK	1	53	23.90	23.94	23.82	25.00
20	QPSK	1	104	23.89	24.02	23.94	25.00
20	QPSK	50	0	22.89	23.18	23.11	24.50
20	QPSK	50	28	23.82	24.02	23.89	25.00
20	QPSK	50	56	23.05	23.10	22.89	24.50
20	QPSK	100	0	23.17	23.13	22.82	24.50
20	16QAM	1	1	23.07	22.92	23.07	24.50
20	64QAM	1	1	21.67	21.58	21.53	23.00
20	256QAM	1	1	19.79	19.72	19.48	21.00
Channel				134100	136100	138100	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	23.96	23.96	23.75	25.00
Channel				133600	136100	138600	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	23.94	24.05	23.72	25.00
Channel				133100	136100	139100	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	24.01	23.98	23.74	25.00

【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 3_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.90		25.70
100	PI/2 BPSK	1	137		23.77		25.70
100	PI/2 BPSK	1	271		23.89		25.70
100	PI/2 BPSK	135	0		23.35		25.20
100	PI/2 BPSK	135	69		23.83		25.70
100	PI/2 BPSK	135	138		23.40		25.20
100	PI/2 BPSK	270	0		23.39		25.20
100	QPSK	1	1		23.91		25.70
100	QPSK	1	137		23.91		25.70
100	QPSK	1	271		23.92		25.70
100	QPSK	135	0		22.85		24.70
100	QPSK	135	69		23.80		25.70
100	QPSK	135	138		22.92		24.70
100	QPSK	270	0		22.87		24.70
100	16QAM	1	1		22.91		24.70
100	64QAM	1	1		21.37		23.20
100	256QAM	1	1		19.31		21.20
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	23.84	23.86	23.83	25.70
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	23.75	23.79	23.70	25.70
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	23.75	23.81	23.81	25.70
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	23.81	23.76	23.72	25.70
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	23.74	23.74	23.75	25.70
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	23.72	23.84	23.72	25.70
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	23.71	23.77	23.81	25.70
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	23.76	23.77	23.80	25.70
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	23.77	23.81	23.81	25.70
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	23.81	23.79	23.75	25.70
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	23.74	23.81	23.72	25.70

【FR1 n77/n78 (96)_FCC_Part 96 (3550~3700MHz)_Ant
3_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				640000	641666	643332	
Frequency (MHz)				3600	3624.99	3649.98	
100	PI/2 BPSK	1	1	17.20	17.21	17.11	18.50
100	PI/2 BPSK	1	137	16.94	17.04	16.97	18.50
100	PI/2 BPSK	1	271	16.97	17.05	16.85	18.50
100	PI/2 BPSK	135	0	16.95	16.96	17.07	18.50
100	PI/2 BPSK	135	69	17.09	17.23	17.03	18.50
100	PI/2 BPSK	135	138	17.01	17.02	16.93	18.50
100	PI/2 BPSK	270	0	16.96	17.06	17.00	18.50
100	QPSK	1	1	17.21	17.27	17.11	18.50
100	QPSK	1	137	17.12	17.14	17.10	18.50
100	QPSK	1	271	17.08	17.26	17.17	18.50
100	QPSK	135	0	16.80	16.95	16.89	18.50
100	QPSK	135	69	16.97	16.99	16.97	18.50
100	QPSK	135	138	16.93	16.93	16.83	18.50
100	QPSK	270	0	16.79	16.90	16.77	18.50
100	16QAM	1	1	16.97	17.09	16.89	18.50
100	64QAM	1	1	16.86	16.91	16.84	18.50
100	256QAM	1	1	16.93	17.00	16.88	18.50
Channel				639668	641666	643666	Tune-up limit (dBm)
Frequency (MHz)				3595.02	3624.99	3654.99	
90	PI/2 BPSK	1	1	17.11	17.16	16.98	18.50
Channel				639334	641666	644000	Tune-up limit (dBm)
Frequency (MHz)				3590.01	3624.99	3660	
80	PI/2 BPSK	1	1	17.11	17.12	17.10	18.50
Channel				639000	641666	644332	Tune-up limit (dBm)
Frequency (MHz)				3585	3624.99	3664.98	
70	PI/2 BPSK	1	1	17.17	17.16	17.00	18.50
Channel				638668	641666	644666	Tune-up limit (dBm)
Frequency (MHz)				3580.02	3624.99	3669.99	
60	PI/2 BPSK	1	1	17.06	17.14	16.97	18.50
Channel				638334	641666	645000	Tune-up limit (dBm)
Frequency (MHz)				3575.01	3624.99	3675	
50	PI/2 BPSK	1	1	17.11	17.09	17.01	18.50
Channel				638000	641666	645332	Tune-up limit (dBm)
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	17.08	17.08	17.08	18.50
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	17.08	17.11	17.07	18.50
Channel				637500	641666	645832	Tune-up limit (dBm)
Frequency (MHz)				3562.5	3624.99	3687.48	
25	PI/2 BPSK	1	1	17.14	17.09	17.04	18.50
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	17.13	17.09	17.02	18.50
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	17.11	17.14	17.02	18.50
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	17.09	17.10	17.01	18.50

【FR1 n77 (270)_FCC_Part 270 (3700~3980MHz)_Ant 3_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	Tune-up limit (dBm)
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	24.23	24.49	24.39	25.70
100	PI/2 BPSK	1	137	24.21	24.46	24.45	25.70
100	PI/2 BPSK	1	271	24.15	24.42	24.36	25.70
100	PI/2 BPSK	135	0	23.78	23.87	24.03	25.20
100	PI/2 BPSK	135	69	24.27	24.33	24.33	25.70
100	PI/2 BPSK	135	138	23.84	24.01	23.93	25.20
100	PI/2 BPSK	270	0	23.69	24.08	23.93	25.20
100	QPSK	1	1	24.23	24.34	24.39	25.70
100	QPSK	1	137	24.17	24.43	24.31	25.70
100	QPSK	1	271	24.17	24.31	24.33	25.70
100	QPSK	135	0	23.31	23.48	23.48	24.70
100	QPSK	135	69	24.26	24.39	24.39	25.70
100	QPSK	135	138	23.32	23.41	23.51	24.70
100	QPSK	270	0	23.38	23.50	23.57	24.70
100	16QAM	1	1	23.27	23.44	23.44	24.70
100	64QAM	1	1	21.79	22.10	21.93	23.20
100	256QAM	1	1	19.80	19.91	19.97	21.20
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	24.10	24.48	24.34	25.70
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	24.13	24.36	24.31	25.70
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	24.13	24.48	24.27	25.70
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	24.15	24.37	24.34	25.70
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	24.19	24.37	24.29	25.70
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	24.16	24.45	24.29	25.70
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	24.10	24.37	24.32	25.70
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	24.11	24.35	24.36	25.70
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	24.19	24.44	24.34	25.70
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	24.08	24.47	24.25	25.70
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	24.16	24.46	24.36	25.70

【FR1 n77 (27Q)_FCC_Part 27Q
(3450~3550MHz)_HPUE_Ant 3_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.90		25.70
100	PI/2 BPSK	1	137		23.77		25.70
100	PI/2 BPSK	1	271		23.89		25.70
100	PI/2 BPSK	135	0		23.35		25.20
100	PI/2 BPSK	135	69		23.83		25.70
100	PI/2 BPSK	135	138		23.40		25.20
100	PI/2 BPSK	270	0		23.39		25.20
100	QPSK	1	1		23.91		25.70
100	QPSK	1	137		23.91		25.70
100	QPSK	1	271		23.92		25.70
100	QPSK	135	0		22.85		24.70
100	QPSK	135	69		23.80		25.70
100	QPSK	135	138		22.92		24.70
100	QPSK	270	0		22.87		24.70
100	16QAM	1	1		22.91		24.70
100	64QAM	1	1		21.37		23.20
100	256QAM	1	1		19.31		21.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	23.84	23.86	23.83	25.70
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	23.75	23.79	23.70	25.70
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	23.75	23.81	23.81	25.70
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	23.81	23.76	23.72	25.70
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	23.74	23.74	23.75	25.70
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	23.84	23.86	23.83	25.70
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	23.75	23.79	23.70	25.70
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	23.75	23.81	23.81	25.70
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	23.81	23.76	23.72	25.70
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	23.74	23.74	23.75	25.70
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	23.72	23.84	23.72	25.70

【FR1 n77 (270)_FCC_Part 270
(3700~3980MHz)_HPUE_Ant 3_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	Tune-up limit (dBm)
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	24.23	24.49	24.39	25.70
100	PI/2 BPSK	1	137	24.21	24.46	24.45	25.70
100	PI/2 BPSK	1	271	24.15	24.42	24.36	25.70
100	PI/2 BPSK	135	0	23.78	23.87	24.03	25.20
100	PI/2 BPSK	135	69	24.27	24.33	24.33	25.70
100	PI/2 BPSK	135	138	23.84	24.01	23.93	25.20
100	PI/2 BPSK	270	0	23.69	24.08	23.93	25.20
100	QPSK	1	1	24.23	24.34	24.39	25.70
100	QPSK	1	137	24.17	24.43	24.31	25.70
100	QPSK	1	271	24.17	24.31	24.33	25.70
100	QPSK	135	0	23.31	23.48	23.48	24.70
100	QPSK	135	69	24.26	24.39	24.39	25.70
100	QPSK	135	138	23.32	23.41	23.51	24.70
100	QPSK	270	0	23.38	23.50	23.57	24.70
100	16QAM	1	1	23.27	23.44	23.44	24.70
100	64QAM	1	1	21.79	22.10	21.93	23.20
100	256QAM	1	1	19.80	19.91	19.97	21.20
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	24.10	24.48	24.34	25.70
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	24.13	24.36	24.31	25.70
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	24.13	24.48	24.27	25.70
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	24.15	24.37	24.34	25.70
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	24.19	24.37	24.29	25.70
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	24.16	24.45	24.29	25.70
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	24.10	24.37	24.32	25.70
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	24.11	24.35	24.36	25.70
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	24.19	24.44	24.34	25.70
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	24.08	24.47	24.25	25.70
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	24.16	24.46	24.36	25.70

【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant
3_DSI0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		8.59		9.20
100	PI/2 BPSK	1	137		8.25		9.20
100	PI/2 BPSK	1	271		8.18		9.20
100	PI/2 BPSK	135	0		8.26		9.20
100	PI/2 BPSK	135	69		8.51		9.20
100	PI/2 BPSK	135	138		8.27		9.20
100	PI/2 BPSK	270	0		8.31		9.20
100	QPSK	1	1		8.47		9.20
100	QPSK	1	137		8.48		9.20
100	QPSK	1	271		8.36		9.20
100	QPSK	135	0		8.26		9.20
100	QPSK	135	69		8.25		9.20
100	QPSK	135	138		8.34		9.20
100	QPSK	270	0		8.27		9.20
100	16QAM	1	1		8.27		9.20
100	64QAM	1	1		8.23		9.20
100	256QAM	1	1		8.17		9.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	8.46	8.51	8.39	9.20
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	8.44	8.44	8.28	9.20
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	8.45	8.47	8.27	9.20
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	8.43	8.39	8.34	9.20
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	8.35	8.44	8.36	9.20
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	8.36	8.50	8.31	9.20
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	8.39	8.39	8.32	9.20
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	8.45	8.43	8.26	9.20
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	8.45	8.43	8.32	9.20
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	8.39	8.42	8.30	9.20
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	8.40	8.44	8.37	9.20

【FR1 n77/n78 (96)_FCC_Part 96 (3550~3700MHz)_Ant
3_DSI0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				640000	641666	643332	
Frequency (MHz)				3600	3624.99	3649.98	
100	PI/2 BPSK	1	1	8.41	8.56	8.53	9.20
100	PI/2 BPSK	1	137	8.21	8.24	8.35	9.20
100	PI/2 BPSK	1	271	8.29	8.46	8.19	9.20
100	PI/2 BPSK	135	0	8.22	8.20	8.18	9.20
100	PI/2 BPSK	135	69	8.29	8.44	8.37	9.20
100	PI/2 BPSK	135	138	8.17	8.25	8.30	9.20
100	PI/2 BPSK	270	0	8.32	8.22	8.36	9.20
100	QPSK	1	1	8.50	8.49	8.44	9.20
100	QPSK	1	137	8.29	8.53	8.35	9.20
100	QPSK	1	271	8.37	8.57	8.30	9.20
100	QPSK	135	0	7.99	8.25	8.15	9.20
100	QPSK	135	69	8.14	8.35	8.22	9.20
100	QPSK	135	138	8.23	8.19	8.05	9.20
100	QPSK	270	0	8.03	8.15	8.14	9.20
100	16QAM	1	1	8.14	8.34	8.18	9.20
100	64QAM	1	1	8.24	8.35	8.19	9.20
100	256QAM	1	1	8.30	8.18	8.28	9.20
Channel				639668	641666	643666	Tune-up limit (dBm)
Frequency (MHz)				3595.02	3624.99	3654.99	
90	PI/2 BPSK	1	1	8.29	8.48	8.40	9.20
Channel				639334	641666	644000	Tune-up limit (dBm)
Frequency (MHz)				3590.01	3624.99	3660	
80	PI/2 BPSK	1	1	8.35	8.45	8.40	9.20
Channel				639000	641666	644332	Tune-up limit (dBm)
Frequency (MHz)				3585	3624.99	3664.98	
70	PI/2 BPSK	1	1	8.27	8.45	8.43	9.20
Channel				638668	641666	644666	Tune-up limit (dBm)
Frequency (MHz)				3580.02	3624.99	3669.99	
60	PI/2 BPSK	1	1	8.34	8.45	8.46	9.20
Channel				638334	641666	645000	Tune-up limit (dBm)
Frequency (MHz)				3575.01	3624.99	3675	
50	PI/2 BPSK	1	1	8.32	8.50	8.44	9.20
Channel				638000	641666	645332	Tune-up limit (dBm)
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	8.35	8.44	8.41	9.20
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	8.36	8.49	8.46	9.20
Channel				637500	641666	645832	Tune-up limit (dBm)
Frequency (MHz)				3562.5	3624.99	3687.48	
25	PI/2 BPSK	1	1	8.31	8.46	8.46	9.20
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	8.30	8.51	8.51	9.20
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	8.37	8.44	8.40	9.20
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	8.27	8.48	8.43	9.20

【FR1 n77 (270)_FCC_Part 270 (3700~3980MHz)_Ant
3_DSI0】

BW [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	8.81	8.90	9.02	9.20
100	PI/2 BPSK	1	137	8.72	8.63	8.70	9.20
100	PI/2 BPSK	1	271	8.73	8.64	8.43	9.20
100	PI/2 BPSK	135	0	8.55	8.77	8.68	9.20
100	PI/2 BPSK	135	69	8.86	8.91	8.69	9.20
100	PI/2 BPSK	135	138	8.61	8.68	8.65	9.20
100	PI/2 BPSK	270	0	8.53	8.81	8.56	9.20
100	QPSK	1	1	8.83	8.79	8.69	9.20
100	QPSK	1	137	8.76	8.79	8.69	9.20
100	QPSK	1	271	8.64	8.88	8.65	9.20
100	QPSK	135	0	8.38	8.55	8.45	9.20
100	QPSK	135	69	8.55	8.64	8.62	9.20
100	QPSK	135	138	8.42	8.69	8.55	9.20
100	QPSK	270	0	8.45	8.64	8.47	9.20
100	16QAM	1	1	8.61	8.72	8.59	9.20
100	64QAM	1	1	8.50	8.71	8.55	9.20
100	256QAM	1	1	8.56	8.62	8.58	9.20
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	8.71	8.89	8.94	9.20
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	8.68	8.83	8.94	9.20
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	8.78	8.83	9.00	9.20
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	8.79	8.84	8.97	9.20
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	8.70	8.77	8.98	9.20
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	8.78	8.87	8.98	9.20
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	8.77	8.77	8.99	9.20
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	8.77	8.81	8.95	9.20
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	8.67	8.80	8.90	9.20
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	8.78	8.76	8.92	9.20
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	8.71	8.79	9.01	9.20

【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant
3_DSI7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		8.59		9.20
100	PI/2 BPSK	1	137		8.25		9.20
100	PI/2 BPSK	1	271		8.18		9.20
100	PI/2 BPSK	135	0		8.26		9.20
100	PI/2 BPSK	135	69		8.51		9.20
100	PI/2 BPSK	135	138		8.27		9.20
100	PI/2 BPSK	270	0		8.31		9.20
100	QPSK	1	1		8.47		9.20
100	QPSK	1	137		8.48		9.20
100	QPSK	1	271		8.36		9.20
100	QPSK	135	0		8.26		9.20
100	QPSK	135	69		8.25		9.20
100	QPSK	135	138		8.34		9.20
100	QPSK	270	0		8.27		9.20
100	16QAM	1	1		8.27		9.20
100	64QAM	1	1		8.23		9.20
100	256QAM	1	1		8.17		9.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	8.46	8.51	8.39	9.20
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	8.44	8.44	8.28	9.20
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	8.45	8.47	8.27	9.20
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	8.43	8.39	8.34	9.20
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	8.35	8.44	8.36	9.20
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	8.36	8.50	8.31	9.20
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	8.39	8.39	8.32	9.20
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	8.45	8.43	8.26	9.20
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	8.45	8.43	8.32	9.20
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	8.39	8.42	8.30	9.20
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	8.40	8.44	8.37	9.20

【FR1 n77/n78 (96)_FCC_Part 96 (3550~3700MHz)_Ant
3_DSI7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				640000	641666	643332	
Frequency (MHz)				3600	3624.99	3649.98	
100	PI/2 BPSK	1	1	8.41	8.56	8.53	9.20
100	PI/2 BPSK	1	137	8.21	8.24	8.35	9.20
100	PI/2 BPSK	1	271	8.29	8.46	8.19	9.20
100	PI/2 BPSK	135	0	8.22	8.20	8.18	9.20
100	PI/2 BPSK	135	69	8.29	8.44	8.37	9.20
100	PI/2 BPSK	135	138	8.17	8.25	8.30	9.20
100	PI/2 BPSK	270	0	8.32	8.22	8.36	9.20
100	QPSK	1	1	8.50	8.49	8.44	9.20
100	QPSK	1	137	8.29	8.53	8.35	9.20
100	QPSK	1	271	8.37	8.57	8.30	9.20
100	QPSK	135	0	7.99	8.25	8.15	9.20
100	QPSK	135	69	8.14	8.35	8.22	9.20
100	QPSK	135	138	8.23	8.19	8.05	9.20
100	QPSK	270	0	8.03	8.15	8.14	9.20
100	16QAM	1	1	8.14	8.34	8.18	9.20
100	64QAM	1	1	8.24	8.35	8.19	9.20
100	256QAM	1	1	8.30	8.18	8.28	9.20
Channel				639668	641666	643666	Tune-up limit (dBm)
Frequency (MHz)				3595.02	3624.99	3654.99	
90	PI/2 BPSK	1	1	8.29	8.48	8.40	9.20
Channel				639334	641666	644000	Tune-up limit (dBm)
Frequency (MHz)				3590.01	3624.99	3660	
80	PI/2 BPSK	1	1	8.35	8.45	8.40	9.20
Channel				639000	641666	644332	Tune-up limit (dBm)
Frequency (MHz)				3585	3624.99	3664.98	
70	PI/2 BPSK	1	1	8.27	8.45	8.43	9.20
Channel				638668	641666	644666	Tune-up limit (dBm)
Frequency (MHz)				3580.02	3624.99	3669.99	
60	PI/2 BPSK	1	1	8.34	8.45	8.46	9.20
Channel				638334	641666	645000	Tune-up limit (dBm)
Frequency (MHz)				3575.01	3624.99	3675	
50	PI/2 BPSK	1	1	8.32	8.50	8.44	9.20
Channel				638000	641666	645332	Tune-up limit (dBm)
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	8.35	8.44	8.41	9.20
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	8.36	8.49	8.46	9.20
Channel				637500	641666	645832	Tune-up limit (dBm)
Frequency (MHz)				3562.5	3624.99	3687.48	
25	PI/2 BPSK	1	1	8.31	8.46	8.46	9.20
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	8.30	8.51	8.51	9.20
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	8.37	8.44	8.40	9.20
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	8.27	8.48	8.43	9.20

【FR1 n77 (270)_FCC_Part 270 (3700~3980MHz)_Ant
3_DSI7】

BW [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	8.81	8.90	9.02	9.20
100	PI/2 BPSK	1	137	8.72	8.63	8.70	9.20
100	PI/2 BPSK	1	271	8.73	8.64	8.43	9.20
100	PI/2 BPSK	135	0	8.55	8.77	8.68	9.20
100	PI/2 BPSK	135	69	8.86	8.91	8.69	9.20
100	PI/2 BPSK	135	138	8.61	8.68	8.65	9.20
100	PI/2 BPSK	270	0	8.53	8.81	8.56	9.20
100	QPSK	1	1	8.83	8.79	8.69	9.20
100	QPSK	1	137	8.76	8.79	8.69	9.20
100	QPSK	1	271	8.64	8.88	8.65	9.20
100	QPSK	135	0	8.38	8.55	8.45	9.20
100	QPSK	135	69	8.55	8.64	8.62	9.20
100	QPSK	135	138	8.42	8.69	8.55	9.20
100	QPSK	270	0	8.45	8.64	8.47	9.20
100	16QAM	1	1	8.61	8.72	8.59	9.20
100	64QAM	1	1	8.50	8.71	8.55	9.20
100	256QAM	1	1	8.56	8.62	8.58	9.20
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	8.71	8.89	8.94	9.20
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	8.68	8.83	8.94	9.20
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	8.78	8.83	9.00	9.20
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	8.79	8.84	8.97	9.20
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	8.70	8.77	8.98	9.20
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	8.78	8.87	8.98	9.20
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	8.77	8.77	8.99	9.20
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	8.77	8.81	8.95	9.20
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	8.67	8.80	8.90	9.20
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	8.78	8.76	8.92	9.20
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	8.71	8.79	9.01	9.20

【FR1 n77 (27Q)_FCC_Part 27Q
(3450~3550MHz)_HPUE_Ant 3_DSI0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		11.47		12.20
100	PI/2 BPSK	1	137		11.22		12.20
100	PI/2 BPSK	1	271		11.06		12.20
100	PI/2 BPSK	135	0		11.16		12.20
100	PI/2 BPSK	135	69		11.30		12.20
100	PI/2 BPSK	135	138		11.21		12.20
100	PI/2 BPSK	270	0		11.09		12.20
100	QPSK	1	1		11.44		12.20
100	QPSK	1	137		11.36		12.20
100	QPSK	1	271		11.19		12.20
100	QPSK	135	0		11.22		12.20
100	QPSK	135	69		11.12		12.20
100	QPSK	135	138		11.19		12.20
100	QPSK	270	0		11.09		12.20
100	16QAM	1	1		11.11		12.20
100	64QAM	1	1		11.19		12.20
100	256QAM	1	1		10.96		12.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	11.29	11.32	11.16	12.20
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	11.17	11.24	11.01	12.20
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	11.20	11.19	11.06	12.20
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	11.15	11.27	11.02	12.20
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	11.18	11.28	11.06	12.20
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	11.26	11.28	11.11	12.20
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	11.28	11.26	11.07	12.20
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	11.27	11.21	11.05	12.20
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	11.18	11.25	11.11	12.20
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	11.16	11.28	11.12	12.20
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	11.22	11.28	11.02	12.20



【FR1 n77 (270)_FCC_Part 270
(3700~3980MHz)_HPUE_Ant 3_DSI0】

BW [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	11.44	11.56	11.73	12.20
100	PI/2 BPSK	1	137	11.42	11.28	11.45	12.20
100	PI/2 BPSK	1	271	11.39	11.35	11.07	12.20
100	PI/2 BPSK	135	0	11.26	11.58	11.53	12.20
100	PI/2 BPSK	135	69	11.71	11.64	11.54	12.20
100	PI/2 BPSK	135	138	11.36	11.31	11.44	12.20
100	PI/2 BPSK	270	0	11.32	11.62	11.26	12.20
100	QPSK	1	1	11.68	11.52	11.49	12.20
100	QPSK	1	137	11.51	11.46	11.35	12.20
100	QPSK	1	271	11.28	11.71	11.52	12.20
100	QPSK	135	0	11.09	11.33	11.31	12.20
100	QPSK	135	69	11.36	11.37	11.41	12.20
100	QPSK	135	138	11.16	11.47	11.24	12.20
100	QPSK	270	0	11.16	11.46	11.30	12.20
100	16QAM	1	1	11.34	11.56	11.28	12.20
100	64QAM	1	1	11.26	11.34	11.27	12.20
100	256QAM	1	1	11.26	11.37	11.29	12.20
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	11.40	11.48	11.68	12.20
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	11.43	11.54	11.65	12.20
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	11.38	11.51	11.63	12.20
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	11.31	11.49	11.62	12.20
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	11.31	11.54	11.61	12.20
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	11.35	11.46	11.66	12.20
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	11.32	11.53	11.69	12.20
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	11.38	11.50	11.67	12.20
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	11.35	11.41	11.58	12.20
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	11.39	11.54	11.58	12.20
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	11.35	11.48	11.66	12.20

【FR1 n77 (27Q)_FCC_Part 27Q
(3450~3550MHz)_HPUE_Ant 3_DSI7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		11.47		12.20
100	PI/2 BPSK	1	137		11.22		12.20
100	PI/2 BPSK	1	271		11.06		12.20
100	PI/2 BPSK	135	0		11.16		12.20
100	PI/2 BPSK	135	69		11.30		12.20
100	PI/2 BPSK	135	138		11.21		12.20
100	PI/2 BPSK	270	0		11.09		12.20
100	QPSK	1	1		11.44		12.20
100	QPSK	1	137		11.36		12.20
100	QPSK	1	271		11.19		12.20
100	QPSK	135	0		11.22		12.20
100	QPSK	135	69		11.12		12.20
100	QPSK	135	138		11.19		12.20
100	QPSK	270	0		11.09		12.20
100	16QAM	1	1		11.11		12.20
100	64QAM	1	1		11.19		12.20
100	256QAM	1	1		10.96		12.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	11.29	11.32	11.16	12.20
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	11.17	11.24	11.01	12.20
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	11.20	11.19	11.06	12.20
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	11.15	11.27	11.02	12.20
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	11.18	11.28	11.06	12.20
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	11.26	11.28	11.11	12.20
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	11.28	11.26	11.07	12.20
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	11.27	11.21	11.05	12.20
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	11.18	11.25	11.11	12.20
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	11.16	11.28	11.12	12.20
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	11.22	11.28	11.02	12.20

【FR1 n77 (270)_FCC_Part 270
(3700~3980MHz)_HPUE_Ant 3_DSI7】

BW [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	11.44	11.56	11.73	12.20
100	PI/2 BPSK	1	137	11.42	11.28	11.45	12.20
100	PI/2 BPSK	1	271	11.39	11.35	11.07	12.20
100	PI/2 BPSK	135	0	11.26	11.58	11.53	12.20
100	PI/2 BPSK	135	69	11.71	11.64	11.54	12.20
100	PI/2 BPSK	135	138	11.36	11.31	11.44	12.20
100	PI/2 BPSK	270	0	11.32	11.62	11.26	12.20
100	QPSK	1	1	11.68	11.52	11.49	12.20
100	QPSK	1	137	11.51	11.46	11.35	12.20
100	QPSK	1	271	11.28	11.71	11.52	12.20
100	QPSK	135	0	11.09	11.33	11.31	12.20
100	QPSK	135	69	11.36	11.37	11.41	12.20
100	QPSK	135	138	11.16	11.47	11.24	12.20
100	QPSK	270	0	11.16	11.46	11.30	12.20
100	16QAM	1	1	11.34	11.56	11.28	12.20
100	64QAM	1	1	11.26	11.34	11.27	12.20
100	256QAM	1	1	11.26	11.37	11.29	12.20
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	11.40	11.48	11.68	12.20
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	11.43	11.54	11.65	12.20
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	11.38	11.51	11.63	12.20
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	11.31	11.49	11.62	12.20
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	11.31	11.54	11.61	12.20
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	11.35	11.46	11.66	12.20
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	11.32	11.53	11.69	12.20
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	11.38	11.50	11.67	12.20
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	11.35	11.41	11.58	12.20
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	11.39	11.54	11.58	12.20
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	11.35	11.48	11.66	12.20

【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 4_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
100	PI/2 BPSK	1	1	24.09	24.11	24.03	25.70
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	23.94	24.08	23.91	25.70
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	24.00	24.06	23.94	25.70
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	24.07	24.01	23.90	25.70
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	24.03	24.06	23.91	25.70
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	23.98	24.09	23.99	25.70
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	23.97	23.96	23.94	25.70
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	24.08	24.02	24.01	25.70
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	24.06	24.08	23.91	25.70
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	24.05	24.05	23.97	25.70
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	24.02	24.09	23.96	25.70

【FR1 n77/n78 (96)_FCC_Part 96 (3550~3700MHz)_Ant 4_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				640000	641666	643332	Tune-up limit (dBm)
Frequency (MHz)				3600	3624.99	3649.98	
100	PI/2 BPSK	1	1	17.16	17.26	17.15	18.50
100	PI/2 BPSK	1	137	16.94	17.02	16.93	18.50
100	PI/2 BPSK	1	271	16.92	16.97	16.94	18.50
100	PI/2 BPSK	135	0	16.90	16.94	16.91	18.50
100	PI/2 BPSK	135	69	17.07	17.13	17.03	18.50
100	PI/2 BPSK	135	138	16.91	17.12	16.96	18.50
100	PI/2 BPSK	270	0	16.97	17.02	16.91	18.50
100	QPSK	1	1	17.08	17.18	16.96	18.50
100	QPSK	1	137	17.10	17.15	17.17	18.50

100	QPSK	1	271	17.05	17.13	17.12	18.50
100	QPSK	135	0	16.81	16.90	16.79	18.50
100	QPSK	135	69	16.97	17.02	16.97	18.50
100	QPSK	135	138	16.88	16.93	16.81	18.50
100	QPSK	270	0	16.83	17.00	16.81	18.50
100	16QAM	1	1	16.87	17.05	16.93	18.50
100	64QAM	1	1	16.88	16.97	16.76	18.50
100	256QAM	1	1	16.98	16.97	16.82	18.50
Channel				639668	641666	643666	Tune-up limit
Frequency (MHz)				3595.02	3624.99	3654.99	(dBm)
90	PI/2 BPSK	1	1	17.09	17.16	17.02	18.50
Channel				639334	641666	644000	Tune-up limit
Frequency (MHz)				3590.01	3624.99	3660	(dBm)
80	PI/2 BPSK	1	1	17.14	17.20	17.10	18.50
Channel				639000	641666	644332	Tune-up limit
Frequency (MHz)				3585	3624.99	3664.98	(dBm)
70	PI/2 BPSK	1	1	17.03	17.25	17.12	18.50
Channel				638668	641666	644666	Tune-up limit
Frequency (MHz)				3580.02	3624.99	3669.99	(dBm)
60	PI/2 BPSK	1	1	17.15	17.12	17.12	18.50
Channel				638334	641666	645000	Tune-up limit
Frequency (MHz)				3575.01	3624.99	3675	(dBm)
50	PI/2 BPSK	1	1	17.08	17.15	17.11	18.50
Channel				638000	641666	645332	Tune-up limit
Frequency (MHz)				3570	3624.99	3679.98	(dBm)
40	PI/2 BPSK	1	1	17.09	17.12	17.07	18.50
Channel				637668	641666	645666	Tune-up limit
Frequency (MHz)				3565.02	3624.99	3684.99	(dBm)
30	PI/2 BPSK	1	1	17.03	17.24	17.01	18.50
Channel				637500	641666	645832	Tune-up limit
Frequency (MHz)				3562.5	3624.99	3687.48	(dBm)
25	PI/2 BPSK	1	1	17.11	17.20	17.01	18.50
Channel				637334	641666	646000	Tune-up limit
Frequency (MHz)				3560.01	3624.99	3690	(dBm)
20	PI/2 BPSK	1	1	17.08	17.13	17.13	18.50
Channel				637168	641666	646166	Tune-up limit
Frequency (MHz)				3557.52	3624.99	3692.49	(dBm)
15	PI/2 BPSK	1	1	17.07	17.15	17.00	18.50
Channel				637000	641666	646332	Tune-up limit
Frequency (MHz)				3555	3624.99	3694.98	(dBm)
10	PI/2 BPSK	1	1	17.13	17.12	17.12	18.50

【FR1 n77 (270)___FCC_Part 270 (3700~3980MHz)_Ant 4_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	24.62	24.54	24.65	25.70
100	PI/2 BPSK	1	137	24.22	24.31	24.31	25.70
100	PI/2 BPSK	1	271	24.29	24.22	24.42	25.70
100	PI/2 BPSK	135	0	23.89	23.90	23.84	25.20
100	PI/2 BPSK	135	69	24.44	24.39	24.48	25.70
100	PI/2 BPSK	135	138	24.00	24.02	23.86	25.20
100	PI/2 BPSK	270	0	23.85	23.93	23.80	25.20
100	QPSK	1	1	24.24	24.30	24.23	25.70
100	QPSK	1	137	24.24	24.32	24.26	25.70
100	QPSK	1	271	24.17	24.21	24.19	25.70
100	QPSK	135	0	23.32	23.28	23.35	24.70
100	QPSK	135	69	24.39	24.29	24.38	25.70
100	QPSK	135	138	23.44	23.35	23.47	24.70
100	QPSK	270	0	23.36	23.35	23.42	24.70
100	16QAM	1	1	23.51	23.33	23.48	24.70
100	64QAM	1	1	21.84	21.80	21.88	23.20
100	256QAM	1	1	19.89	19.79	19.95	21.20
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	24.55	24.45	24.55	25.70
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	24.47	24.46	24.63	25.70
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	24.54	24.40	24.62	25.70

Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	24.56	24.51	24.61	25.70
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	24.56	24.47	24.62	25.70
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	24.59	24.39	24.64	25.70
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	24.60	24.46	24.50	25.70
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	24.59	24.49	24.56	25.70
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	24.49	24.45	24.52	25.70
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	24.52	24.50	24.58	25.70
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	24.51	24.50	24.63	25.70

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

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		24.15		25.70
100	PI/2 BPSK	1	137		23.85		25.70
100	PI/2 BPSK	1	271		23.93		25.70
100	PI/2 BPSK	135	0		23.43		25.20
100	PI/2 BPSK	135	69		24.04		25.70
100	PI/2 BPSK	135	138		23.63		25.20
100	PI/2 BPSK	270	0		23.47		25.20
100	QPSK	1	1		23.98		25.70
100	QPSK	1	137		23.88		25.70
100	QPSK	1	271		23.93		25.70
100	QPSK	135	0		22.90		24.70
100	QPSK	135	69		23.95		25.70
100	QPSK	135	138		22.92		24.70
100	QPSK	270	0		23.03		24.70
100	16QAM	1	1		23.11		24.70
100	64QAM	1	1		21.42		23.20
100	256QAM	1	1		19.52		21.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	24.09	24.11	24.03	25.70
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	23.94	24.08	23.91	25.70
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	24.00	24.06	23.94	25.70
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	24.07	24.01	23.90	25.70
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	24.03	24.06	23.91	25.70
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	23.98	24.09	23.99	25.70
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	23.97	23.96	23.94	25.70
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	24.08	24.02	24.01	25.70
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)



20	PI/2 BPSK	1	1	24.06	24.08	23.91	25.70
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	24.05	24.05	23.97	25.70
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	24.02	24.09	23.96	25.70

【FR1 n77 (270)_FCC_Part 270
(3700~3980MHz)_HPUE_Ant 4_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	Tune-up limit
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	24.62	24.54	24.65	25.70
100	PI/2 BPSK	1	137	24.22	24.31	24.31	25.70
100	PI/2 BPSK	1	271	24.29	24.22	24.42	25.70
100	PI/2 BPSK	135	0	23.89	23.90	23.84	25.20
100	PI/2 BPSK	135	69	24.44	24.39	24.48	25.70
100	PI/2 BPSK	135	138	24.00	24.02	23.86	25.20
100	PI/2 BPSK	270	0	23.85	23.93	23.80	25.20
100	QPSK	1	1	24.24	24.30	24.23	25.70
100	QPSK	1	137	24.24	24.32	24.26	25.70
100	QPSK	1	271	24.17	24.21	24.19	25.70
100	QPSK	135	0	23.32	23.28	23.35	24.70
100	QPSK	135	69	24.39	24.29	24.38	25.70
100	QPSK	135	138	23.44	23.35	23.47	24.70
100	QPSK	270	0	23.36	23.35	23.42	24.70
100	16QAM	1	1	23.51	23.33	23.48	24.70
100	64QAM	1	1	21.84	21.80	21.88	23.20
100	256QAM	1	1	19.89	19.79	19.95	21.20
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	24.55	24.45	24.55	25.70
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	24.47	24.46	24.63	25.70
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	24.54	24.40	24.62	25.70
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	24.56	24.51	24.61	25.70
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	24.56	24.47	24.62	25.70
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	24.59	24.39	24.64	25.70
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	24.60	24.46	24.50	25.70
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	24.59	24.49	24.56	25.70
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	24.49	24.45	24.52	25.70
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	24.52	24.50	24.58	25.70
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	24.51	24.50	24.63	25.70

【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant
4_DSI0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		14.82		15.20
100	PI/2 BPSK	1	137		14.62		15.20
100	PI/2 BPSK	1	271		14.53		15.20
100	PI/2 BPSK	135	0		14.55		15.20
100	PI/2 BPSK	135	69		14.68		15.20
100	PI/2 BPSK	135	138		14.62		15.20
100	PI/2 BPSK	270	0		14.54		15.20
100	QPSK	1	1		14.77		15.20
100	QPSK	1	137		14.63		15.20
100	QPSK	1	271		14.81		15.20
100	QPSK	135	0		14.44		15.20
100	QPSK	135	69		14.67		15.20
100	QPSK	135	138		14.44		15.20
100	QPSK	270	0		14.40		15.20
100	16QAM	1	1		14.59		15.20
100	64QAM	1	1		14.49		15.20
100	256QAM	1	1		14.63		15.20
Channel				633000	633332	633666	
Frequency (MHz)				3495	3499.98	3504.99	Tune-up limit (dBm)
90	PI/2 BPSK	1	1	14.61	14.69	14.50	15.20
Channel				632668	633332	634000	
Frequency (MHz)				3490.02	3499.98	3510	Tune-up limit (dBm)
80	PI/2 BPSK	1	1	14.55	14.59	14.38	15.20
Channel				632334	633332	634332	
Frequency (MHz)				3485.01	3499.98	3514.98	Tune-up limit (dBm)
70	PI/2 BPSK	1	1	14.53	14.64	14.41	15.20
Channel				632000	633332	634666	
Frequency (MHz)				3480	3499.98	3519.99	Tune-up limit (dBm)
60	PI/2 BPSK	1	1	14.53	14.67	14.43	15.20
Channel				631668	633332	635000	
Frequency (MHz)				3475.02	3499.98	3525	Tune-up limit (dBm)
50	PI/2 BPSK	1	1	14.56	14.61	14.38	15.20
Channel				631334	633332	635332	
Frequency (MHz)				3470.01	3499.98	3529.98	Tune-up limit (dBm)
40	PI/2 BPSK	1	1	14.49	14.59	14.38	15.20
Channel				631000	633332	635666	
Frequency (MHz)				3465	3499.98	3534.99	Tune-up limit (dBm)
30	PI/2 BPSK	1	1	14.50	14.65	14.40	15.20
Channel				630834	633332	635832	
Frequency (MHz)				3462.51	3499.98	3537.48	Tune-up limit (dBm)
25	PI/2 BPSK	1	1	14.54	14.65	14.46	15.20
Channel				630668	633332	636000	
Frequency (MHz)				3460.02	3499.98	3540	Tune-up limit (dBm)
20	PI/2 BPSK	1	1	14.48	14.62	14.46	15.20
Channel				630500	633332	636166	
Frequency (MHz)				3457.5	3499.98	3542.49	Tune-up limit (dBm)
15	PI/2 BPSK	1	1	14.52	14.66	14.41	15.20
Channel				630334	633332	636332	
Frequency (MHz)				3455.01	3499.98	3544.98	Tune-up limit (dBm)
10	PI/2 BPSK	1	1	14.48	14.67	14.44	15.20

【FR1 n77/n78 (96)_FCC_Part 96 (3550~3700MHz)_Ant
4_DSI0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				640000	641666	643332	
Frequency (MHz)				3600	3624.99	3649.98	
100	PI/2 BPSK	1	1	14.86	14.88	14.73	15.20
100	PI/2 BPSK	1	137	14.56	14.69	14.64	15.20
100	PI/2 BPSK	1	271	14.69	14.74	14.50	15.20
100	PI/2 BPSK	135	0	14.52	14.63	14.71	15.20
100	PI/2 BPSK	135	69	14.72	14.89	14.72	15.20
100	PI/2 BPSK	135	138	14.67	14.80	14.56	15.20
100	PI/2 BPSK	270	0	14.71	14.77	14.67	15.20
100	QPSK	1	1	14.76	14.91	14.64	15.20

100	QPSK	1	137	14.62	14.74	14.78	15.20
100	QPSK	1	271	14.61	14.84	14.71	15.20
100	QPSK	135	0	14.50	14.58	14.42	15.20
100	QPSK	135	69	14.62	14.60	14.55	15.20
100	QPSK	135	138	14.43	14.61	14.51	15.20
100	QPSK	270	0	14.50	14.52	14.46	15.20
100	16QAM	1	1	14.61	14.60	14.52	15.20
100	64QAM	1	1	14.61	14.61	14.39	15.20
100	256QAM	1	1	14.64	14.59	14.55	15.20
Channel				639668	641666	643666	Tune-up limit
Frequency (MHz)				3595.02	3624.99	3654.99	(dBm)
90	PI/2 BPSK	1	1	14.78	14.84	14.69	15.20
Channel				639334	641666	644000	Tune-up limit
Frequency (MHz)				3590.01	3624.99	3660	(dBm)
80	PI/2 BPSK	1	1	14.76	14.77	14.63	15.20
Channel				639000	641666	644332	Tune-up limit
Frequency (MHz)				3585	3624.99	3664.98	(dBm)
70	PI/2 BPSK	1	1	14.76	14.73	14.67	15.20
Channel				638668	641666	644666	Tune-up limit
Frequency (MHz)				3580.02	3624.99	3669.99	(dBm)
60	PI/2 BPSK	1	1	14.81	14.77	14.69	15.20
Channel				638334	641666	645000	Tune-up limit
Frequency (MHz)				3575.01	3624.99	3675	(dBm)
50	PI/2 BPSK	1	1	14.72	14.85	14.63	15.20
Channel				638000	641666	645332	Tune-up limit
Frequency (MHz)				3570	3624.99	3679.98	(dBm)
40	PI/2 BPSK	1	1	14.82	14.87	14.63	15.20
Channel				637668	641666	645666	Tune-up limit
Frequency (MHz)				3565.02	3624.99	3684.99	(dBm)
30	PI/2 BPSK	1	1	14.71	14.82	14.63	15.20
Channel				637500	641666	645832	Tune-up limit
Frequency (MHz)				3562.5	3624.99	3687.48	(dBm)
25	PI/2 BPSK	1	1	14.82	14.82	14.58	15.20
Channel				637334	641666	646000	Tune-up limit
Frequency (MHz)				3560.01	3624.99	3690	(dBm)
20	PI/2 BPSK	1	1	14.74	14.76	14.62	15.20
Channel				637168	641666	646166	Tune-up limit
Frequency (MHz)				3557.52	3624.99	3692.49	(dBm)
15	PI/2 BPSK	1	1	14.84	14.77	14.61	15.20
Channel				637000	641666	646332	Tune-up limit
Frequency (MHz)				3555	3624.99	3694.98	(dBm)
10	PI/2 BPSK	1	1	14.76	14.76	14.59	15.20

【FR1 n77 (270)_FCC_Part 270 (3700~3980MHz)_Ant
4_DSI0】

BW [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	15.04	15.06	14.90	16.20
100	PI/2 BPSK	1	137	14.73	14.82	14.73	16.20
100	PI/2 BPSK	1	271	14.63	14.76	14.67	16.20
100	PI/2 BPSK	135	0	14.63	14.83	14.64	16.20
100	PI/2 BPSK	135	69	14.88	14.96	14.74	16.20
100	PI/2 BPSK	135	138	14.69	14.73	14.74	16.20
100	PI/2 BPSK	270	0	14.68	14.83	14.69	16.20
100	QPSK	1	1	14.90	14.92	14.77	16.20
100	QPSK	1	137	14.76	14.97	14.76	16.20
100	QPSK	1	271	14.69	14.98	14.73	16.20
100	QPSK	135	0	14.58	14.58	14.55	16.20
100	QPSK	135	69	14.71	14.73	14.76	16.20
100	QPSK	135	138	14.57	14.66	14.50	16.20
100	QPSK	270	0	14.63	14.63	14.62	16.20
100	16QAM	1	1	14.56	14.68	14.55	16.20
100	64QAM	1	1	14.54	14.65	14.47	16.20
100	256QAM	1	1	14.62	14.70	14.53	16.20
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	14.94	15.02	14.83	16.20
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	14.95	14.96	14.80	16.20
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)

70	PI/2 BPSK	1	1	14.96	14.92	14.81	16.20
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	14.93	14.94	14.80	16.20
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	14.94	14.94	14.84	16.20
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	15.01	14.92	14.84	16.20
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	14.93	14.98	14.85	16.20
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	15.00	14.97	14.83	16.20
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	14.99	14.95	14.88	16.20
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	15.00	15.03	14.83	16.20
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	14.99	15.04	14.84	16.20

【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant
4_DSI7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		14.82		15.20
100	PI/2 BPSK	1	137		14.62		15.20
100	PI/2 BPSK	1	271		14.53		15.20
100	PI/2 BPSK	135	0		14.55		15.20
100	PI/2 BPSK	135	69		14.68		15.20
100	PI/2 BPSK	135	138		14.62		15.20
100	PI/2 BPSK	270	0		14.54		15.20
100	QPSK	1	1		14.77		15.20
100	QPSK	1	137		14.63		15.20
100	QPSK	1	271		14.81		15.20
100	QPSK	135	0		14.44		15.20
100	QPSK	135	69		14.67		15.20
100	QPSK	135	138		14.44		15.20
100	QPSK	270	0		14.40		15.20
100	16QAM	1	1		14.59		15.20
100	64QAM	1	1		14.49		15.20
100	256QAM	1	1		14.63		15.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	14.61	14.69	14.50	15.20
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	14.55	14.59	14.38	15.20
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	14.53	14.64	14.41	15.20
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	14.53	14.67	14.43	15.20
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	14.56	14.61	14.38	15.20
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	14.49	14.59	14.38	15.20
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	14.50	14.65	14.40	15.20
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	14.54	14.65	14.46	15.20
Channel				630668	633332	636000	Tune-up limit

Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	14.48	14.62	14.46	15.20
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	14.52	14.66	14.41	15.20
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	14.48	14.67	14.44	15.20

【FR1 n77/n78 (96)___FCC_Part 96 (3550~3700MHz)_Ant
4_DSI7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				640000	641666	643332	
Frequency (MHz)				3600	3624.99	3649.98	
100	PI/2 BPSK	1	1	14.86	14.88	14.73	15.20
100	PI/2 BPSK	1	137	14.56	14.69	14.64	15.20
100	PI/2 BPSK	1	271	14.69	14.74	14.50	15.20
100	PI/2 BPSK	135	0	14.52	14.63	14.71	15.20
100	PI/2 BPSK	135	69	14.72	14.89	14.72	15.20
100	PI/2 BPSK	135	138	14.67	14.80	14.56	15.20
100	PI/2 BPSK	270	0	14.71	14.77	14.67	15.20
100	QPSK	1	1	14.76	14.91	14.64	15.20
100	QPSK	1	137	14.62	14.74	14.78	15.20
100	QPSK	1	271	14.61	14.84	14.71	15.20
100	QPSK	135	0	14.50	14.58	14.42	15.20
100	QPSK	135	69	14.62	14.60	14.55	15.20
100	QPSK	135	138	14.43	14.61	14.51	15.20
100	QPSK	270	0	14.50	14.52	14.46	15.20
100	16QAM	1	1	14.61	14.60	14.52	15.20
100	64QAM	1	1	14.61	14.61	14.39	15.20
100	256QAM	1	1	14.64	14.59	14.55	15.20
Channel				639668	641666	643666	Tune-up limit
Frequency (MHz)				3595.02	3624.99	3654.99	(dBm)
90	PI/2 BPSK	1	1	14.78	14.84	14.69	15.20
Channel				639334	641666	644000	Tune-up limit
Frequency (MHz)				3590.01	3624.99	3660	(dBm)
80	PI/2 BPSK	1	1	14.76	14.77	14.63	15.20
Channel				639000	641666	644332	Tune-up limit
Frequency (MHz)				3585	3624.99	3664.98	(dBm)
70	PI/2 BPSK	1	1	14.76	14.73	14.67	15.20
Channel				638668	641666	644666	Tune-up limit
Frequency (MHz)				3580.02	3624.99	3669.99	(dBm)
60	PI/2 BPSK	1	1	14.81	14.77	14.69	15.20
Channel				638334	641666	645000	Tune-up limit
Frequency (MHz)				3575.01	3624.99	3675	(dBm)
50	PI/2 BPSK	1	1	14.72	14.85	14.63	15.20
Channel				638000	641666	645332	Tune-up limit
Frequency (MHz)				3570	3624.99	3679.98	(dBm)
40	PI/2 BPSK	1	1	14.82	14.87	14.63	15.20
Channel				637668	641666	645666	Tune-up limit
Frequency (MHz)				3565.02	3624.99	3684.99	(dBm)
30	PI/2 BPSK	1	1	14.71	14.82	14.63	15.20
Channel				637500	641666	645832	Tune-up limit
Frequency (MHz)				3562.5	3624.99	3687.48	(dBm)
25	PI/2 BPSK	1	1	14.82	14.82	14.58	15.20
Channel				637334	641666	646000	Tune-up limit
Frequency (MHz)				3560.01	3624.99	3690	(dBm)
20	PI/2 BPSK	1	1	14.74	14.76	14.62	15.20
Channel				637168	641666	646166	Tune-up limit
Frequency (MHz)				3557.52	3624.99	3692.49	(dBm)
15	PI/2 BPSK	1	1	14.84	14.77	14.61	15.20
Channel				637000	641666	646332	Tune-up limit
Frequency (MHz)				3555	3624.99	3694.98	(dBm)
10	PI/2 BPSK	1	1	14.76	14.76	14.59	15.20

【FR1 n77 (270)___FCC_Part 270 (3700~3980MHz)_Ant
4_DSI7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
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Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	15.04	15.06	14.90	16.20
100	PI/2 BPSK	1	137	14.73	14.82	14.73	16.20
100	PI/2 BPSK	1	271	14.63	14.76	14.67	16.20
100	PI/2 BPSK	135	0	14.63	14.83	14.64	16.20
100	PI/2 BPSK	135	69	14.88	14.96	14.74	16.20
100	PI/2 BPSK	135	138	14.69	14.73	14.74	16.20
100	PI/2 BPSK	270	0	14.68	14.83	14.69	16.20
100	QPSK	1	1	14.90	14.92	14.77	16.20
100	QPSK	1	137	14.76	14.97	14.76	16.20
100	QPSK	1	271	14.69	14.98	14.73	16.20
100	QPSK	135	0	14.58	14.58	14.55	16.20
100	QPSK	135	69	14.71	14.73	14.76	16.20
100	QPSK	135	138	14.57	14.66	14.50	16.20
100	QPSK	270	0	14.63	14.63	14.62	16.20
100	16QAM	1	1	14.56	14.68	14.55	16.20
100	64QAM	1	1	14.54	14.65	14.47	16.20
100	256QAM	1	1	14.62	14.70	14.53	16.20
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	14.94	15.02	14.83	16.20
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	14.95	14.96	14.80	16.20
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	14.96	14.92	14.81	16.20
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	14.93	14.94	14.80	16.20
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	14.94	14.94	14.84	16.20
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	15.01	14.92	14.84	16.20
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	14.93	14.98	14.85	16.20
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	15.00	14.97	14.83	16.20
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	14.99	14.95	14.88	16.20
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	15.00	15.03	14.83	16.20
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	14.99	15.04	14.84	16.20

【FR1 n77 (27Q)_FCC_Part 27Q
(3450~3550MHz)_HPUE_Ant 4_DSI0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		17.54		18.20
100	PI/2 BPSK	1	137		17.24		18.20
100	PI/2 BPSK	1	271		17.23		18.20
100	PI/2 BPSK	135	0		17.15		18.20
100	PI/2 BPSK	135	69		17.46		18.20
100	PI/2 BPSK	135	138		17.43		18.20
100	PI/2 BPSK	270	0		17.15		18.20
100	QPSK	1	1		17.51		18.20
100	QPSK	1	137		17.35		18.20
100	QPSK	1	271		17.50		18.20
100	QPSK	135	0		17.04		18.20
100	QPSK	135	69		17.37		18.20
100	QPSK	135	138		17.10		18.20
100	QPSK	270	0		17.06		18.20
100	16QAM	1	1		17.28		18.20

100	64QAM	1	1		17.19		18.20
100	256QAM	1	1		17.38		18.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	17.33	17.43	17.29	18.20
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	17.18	17.40	17.22	18.20
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	17.18	17.34	17.26	18.20
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	17.32	17.29	17.15	18.20
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	17.22	17.41	17.23	18.20
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	17.29	17.39	17.21	18.20
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	17.20	17.29	17.24	18.20
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	17.20	17.31	17.23	18.20
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	17.29	17.30	17.20	18.20
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	17.23	17.42	17.19	18.20
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	17.21	17.30	17.27	18.20

【FR1 n77 (270)_FCC_Part 270
(3700~3980MHz)_HPUE_Ant 4_DSI0】

BW [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	17.68	17.72	17.50	18.20
100	PI/2 BPSK	1	137	17.30	17.35	17.21	18.20
100	PI/2 BPSK	1	271	17.12	17.41	17.27	18.20
100	PI/2 BPSK	135	0	17.16	17.43	17.23	18.20
100	PI/2 BPSK	135	69	17.53	17.44	17.36	18.20
100	PI/2 BPSK	135	138	17.28	17.33	17.21	18.20
100	PI/2 BPSK	270	0	17.19	17.42	17.34	18.20
100	QPSK	1	1	17.52	17.47	17.41	18.20
100	QPSK	1	137	17.27	17.51	17.28	18.20
100	QPSK	1	271	17.17	17.49	17.25	18.20
100	QPSK	135	0	17.05	17.14	17.14	18.20
100	QPSK	135	69	17.20	17.21	17.37	18.20
100	QPSK	135	138	17.22	17.15	17.11	18.20
100	QPSK	270	0	17.12	17.26	17.20	18.20
100	16QAM	1	1	17.09	17.25	17.11	18.20
100	64QAM	1	1	17.19	17.21	17.13	18.20
100	256QAM	1	1	17.27	17.27	17.13	18.20
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	17.59	17.66	17.48	18.20
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	17.59	17.67	17.46	18.20
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	17.54	17.63	17.41	18.20
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	17.59	17.61	17.39	18.20
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	17.62	17.67	17.37	18.20



Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	17.66	17.69	17.40	18.20
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	17.54	17.68	17.42	18.20
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	17.65	17.68	17.47	18.20
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	17.62	17.69	17.44	18.20
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	17.66	17.63	17.41	18.20
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	17.55	17.59	17.38	18.20

【FR1 n77 (27Q)_FCC_Part 27Q
(3450~3550MHz)_HPUE_Ant 4_DSI7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		17.54		18.20
100	PI/2 BPSK	1	137		17.24		18.20
100	PI/2 BPSK	1	271		17.23		18.20
100	PI/2 BPSK	135	0		17.15		18.20
100	PI/2 BPSK	135	69		17.46		18.20
100	PI/2 BPSK	135	138		17.43		18.20
100	PI/2 BPSK	270	0		17.15		18.20
100	QPSK	1	1		17.51		18.20
100	QPSK	1	137		17.35		18.20
100	QPSK	1	271		17.50		18.20
100	QPSK	135	0		17.04		18.20
100	QPSK	135	69		17.37		18.20
100	QPSK	135	138		17.10		18.20
100	QPSK	270	0		17.06		18.20
100	16QAM	1	1		17.28		18.20
100	64QAM	1	1		17.19		18.20
100	256QAM	1	1		17.38		18.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	17.33	17.43	17.29	18.20
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	17.18	17.40	17.22	18.20
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	17.18	17.34	17.26	18.20
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	17.32	17.29	17.15	18.20
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	17.22	17.41	17.23	18.20
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	17.29	17.39	17.21	18.20
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	17.20	17.29	17.24	18.20
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	17.20	17.31	17.23	18.20
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	17.29	17.30	17.20	18.20
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	17.23	17.42	17.19	18.20
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)

10	PI/2 BPSK	1	1	17.21	17.30	17.27	18.20
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【FR1 n77 (270)_FCC_Part 270
(3700~3980MHz)_HPUE_Ant 4_DSI7】

BW [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	17.68	17.72	17.50	18.20
100	PI/2 BPSK	1	137	17.30	17.35	17.21	18.20
100	PI/2 BPSK	1	271	17.12	17.41	17.27	18.20
100	PI/2 BPSK	135	0	17.16	17.43	17.23	18.20
100	PI/2 BPSK	135	69	17.53	17.44	17.36	18.20
100	PI/2 BPSK	135	138	17.28	17.33	17.21	18.20
100	PI/2 BPSK	270	0	17.19	17.42	17.34	18.20
100	QPSK	1	1	17.52	17.47	17.41	18.20
100	QPSK	1	137	17.27	17.51	17.28	18.20
100	QPSK	1	271	17.17	17.49	17.25	18.20
100	QPSK	135	0	17.05	17.14	17.14	18.20
100	QPSK	135	69	17.20	17.21	17.37	18.20
100	QPSK	135	138	17.22	17.15	17.11	18.20
100	QPSK	270	0	17.12	17.26	17.20	18.20
100	16QAM	1	1	17.09	17.25	17.11	18.20
100	64QAM	1	1	17.19	17.21	17.13	18.20
100	256QAM	1	1	17.27	17.27	17.13	18.20
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	17.59	17.66	17.48	18.20
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	17.59	17.67	17.46	18.20
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	17.54	17.63	17.41	18.20
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	17.59	17.61	17.39	18.20
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	17.62	17.67	17.37	18.20
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	17.66	17.69	17.40	18.20
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	17.54	17.68	17.42	18.20
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	17.65	17.68	17.47	18.20
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	17.62	17.69	17.44	18.20
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	17.66	17.63	17.41	18.20
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	17.55	17.59	17.38	18.20

【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 8_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		24.29		25.70
100	PI/2 BPSK	1	137		24.21		25.70
100	PI/2 BPSK	1	271		24.13		25.70
100	PI/2 BPSK	135	0		23.56		25.20
100	PI/2 BPSK	135	69		24.10		25.70
100	PI/2 BPSK	135	138		23.47		25.20
100	PI/2 BPSK	270	0		23.59		25.20
100	QPSK	1	1		24.18		25.70
100	QPSK	1	137		24.20		25.70
100	QPSK	1	271		24.28		25.70
100	QPSK	135	0		23.36		24.70
100	QPSK	135	69		24.12		25.70
100	QPSK	135	138		23.23		24.70
100	QPSK	270	0		23.17		24.70
100	16QAM	1	1		23.22		24.70
100	64QAM	1	1		21.57		23.20
100	256QAM	1	1		19.72		21.20
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	24.21	24.23	24.19	25.70
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	24.08	24.20	24.18	25.70
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	24.09	24.11	24.06	25.70
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	24.06	24.22	24.07	25.70
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	24.15	24.21	24.05	25.70
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	24.19	24.12	24.09	25.70
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	24.19	24.21	24.04	25.70
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	24.15	24.10	24.16	25.70
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	24.20	24.15	24.11	25.70
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	24.17	24.11	24.04	25.70
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	24.16	24.10	24.10	25.70

【FR1 n77/n78 (96)_FCC_Part 96 (3550~3700MHz)_Ant 8_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				640000	641666	643332	
Frequency (MHz)				3600	3624.99	3649.98	
100	PI/2 BPSK	1	1	17.31	17.36	17.21	18.50
100	PI/2 BPSK	1	137	16.98	17.16	17.02	18.50
100	PI/2 BPSK	1	271	16.98	17.04	16.94	18.50
100	PI/2 BPSK	135	0	16.99	17.13	17.11	18.50
100	PI/2 BPSK	135	69	17.13	17.32	17.09	18.50
100	PI/2 BPSK	135	138	16.90	17.11	16.94	18.50
100	PI/2 BPSK	270	0	16.97	17.16	17.13	18.50
100	QPSK	1	1	17.16	17.18	17.11	18.50

100	QPSK	1	137	17.03	17.22	17.14	18.50
100	QPSK	1	271	17.01	17.33	17.21	18.50
100	QPSK	135	0	16.80	17.02	16.84	18.50
100	QPSK	135	69	16.93	17.09	16.96	18.50
100	QPSK	135	138	16.94	17.15	16.92	18.50
100	QPSK	270	0	16.87	16.98	16.94	18.50
100	16QAM	1	1	16.91	17.07	16.95	18.50
100	64QAM	1	1	17.02	17.02	16.84	18.50
100	256QAM	1	1	16.96	16.97	16.98	18.50
Channel				639668	641666	643666	Tune-up limit
Frequency (MHz)				3595.02	3624.99	3654.99	(dBm)
90	PI/2 BPSK	1	1	17.16	17.21	17.17	18.50
Channel				639334	641666	644000	Tune-up limit
Frequency (MHz)				3590.01	3624.99	3660	(dBm)
80	PI/2 BPSK	1	1	17.17	17.32	17.19	18.50
Channel				639000	641666	644332	Tune-up limit
Frequency (MHz)				3585	3624.99	3664.98	(dBm)
70	PI/2 BPSK	1	1	17.27	17.22	17.16	18.50
Channel				638668	641666	644666	Tune-up limit
Frequency (MHz)				3580.02	3624.99	3669.99	(dBm)
60	PI/2 BPSK	1	1	17.22	17.27	17.11	18.50
Channel				638334	641666	645000	Tune-up limit
Frequency (MHz)				3575.01	3624.99	3675	(dBm)
50	PI/2 BPSK	1	1	17.27	17.26	17.07	18.50
Channel				638000	641666	645332	Tune-up limit
Frequency (MHz)				3570	3624.99	3679.98	(dBm)
40	PI/2 BPSK	1	1	17.26	17.29	17.11	18.50
Channel				637668	641666	645666	Tune-up limit
Frequency (MHz)				3565.02	3624.99	3684.99	(dBm)
30	PI/2 BPSK	1	1	17.20	17.28	17.07	18.50
Channel				637500	641666	645832	Tune-up limit
Frequency (MHz)				3562.5	3624.99	3687.48	(dBm)
25	PI/2 BPSK	1	1	17.25	17.24	17.13	18.50
Channel				637334	641666	646000	Tune-up limit
Frequency (MHz)				3560.01	3624.99	3690	(dBm)
20	PI/2 BPSK	1	1	17.17	17.25	17.13	18.50
Channel				637168	641666	646166	Tune-up limit
Frequency (MHz)				3557.52	3624.99	3692.49	(dBm)
15	PI/2 BPSK	1	1	17.28	17.26	17.13	18.50
Channel				637000	641666	646332	Tune-up limit
Frequency (MHz)				3555	3624.99	3694.98	(dBm)
10	PI/2 BPSK	1	1	17.29	17.30	17.08	18.50

【FR1 n77 (270)_FCC_Part 270 (3700~3980MHz)_Ant 8_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	23.91	24.24	24.15	25.70
100	PI/2 BPSK	1	137	24.19	24.17	24.30	25.70
100	PI/2 BPSK	1	271	24.24	24.22	24.16	25.70
100	PI/2 BPSK	135	0	23.62	23.71	23.67	25.20
100	PI/2 BPSK	135	69	24.13	24.10	24.03	25.70
100	PI/2 BPSK	135	138	23.80	23.67	23.64	25.20
100	PI/2 BPSK	270	0	23.86	23.84	23.83	25.20
100	QPSK	1	1	24.21	24.23	24.17	25.70
100	QPSK	1	137	24.17	24.14	24.28	25.70
100	QPSK	1	271	24.15	24.14	24.18	25.70
100	QPSK	135	0	23.27	23.37	23.30	24.70
100	QPSK	135	69	24.18	24.16	24.12	25.70
100	QPSK	135	138	23.24	23.19	23.15	24.70
100	QPSK	270	0	23.16	23.14	23.20	24.70
100	16QAM	1	1	23.23	23.17	23.17	24.70
100	64QAM	1	1	21.78	21.85	21.83	23.20
100	256QAM	1	1	20.78	20.71	20.73	21.20
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	23.84	24.23	24.12	25.70
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	23.90	24.10	24.08	25.70
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)

70	PI/2 BPSK	1	1	23.86	24.19	24.04	25.70
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	23.88	24.22	24.01	25.70
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	23.86	24.21	24.05	25.70
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	23.80	24.17	24.07	25.70
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	23.85	24.13	24.12	25.70
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	23.83	24.12	24.08	25.70
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	23.89	24.20	24.10	25.70
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	23.79	24.14	24.10	25.70
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	23.85	24.12	24.03	25.70

【FR1 n77 (27Q)_FCC_Part 27Q
(3450~3550MHz)_HPUE_Ant 8_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		24.29		25.70
100	PI/2 BPSK	1	137		24.21		25.70
100	PI/2 BPSK	1	271		24.13		25.70
100	PI/2 BPSK	135	0		23.56		25.20
100	PI/2 BPSK	135	69		24.10		25.70
100	PI/2 BPSK	135	138		23.47		25.20
100	PI/2 BPSK	270	0		23.59		25.20
100	QPSK	1	1		24.18		25.70
100	QPSK	1	137		24.20		25.70
100	QPSK	1	271		24.28		25.70
100	QPSK	135	0		23.36		24.70
100	QPSK	135	69		24.12		25.70
100	QPSK	135	138		23.23		24.70
100	QPSK	270	0		23.17		24.70
100	16QAM	1	1		23.22		24.70
100	64QAM	1	1		21.57		23.20
100	256QAM	1	1		19.72		21.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	24.21	24.23	24.19	25.70
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	24.08	24.20	24.18	25.70
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	24.09	24.11	24.06	25.70
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	24.06	24.22	24.07	25.70
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	24.15	24.21	24.05	25.70
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	24.19	24.12	24.09	25.70
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	24.19	24.21	24.04	25.70
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	24.15	24.10	24.16	25.70
Channel				630668	633332	636000	Tune-up limit

Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	24.20	24.15	24.11	25.70
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	24.17	24.11	24.04	25.70
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	24.16	24.10	24.10	25.70

【FR1 n77 (27O)_FCC_Part 27O
(3700~3980MHz)_HPUE_Ant 8_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	23.91	24.24	24.15	25.70
100	PI/2 BPSK	1	137	24.19	24.17	24.30	25.70
100	PI/2 BPSK	1	271	24.24	24.22	24.16	25.70
100	PI/2 BPSK	135	0	23.62	23.71	23.67	25.20
100	PI/2 BPSK	135	69	24.13	24.10	24.03	25.70
100	PI/2 BPSK	135	138	23.80	23.67	23.64	25.20
100	PI/2 BPSK	270	0	23.86	23.84	23.83	25.20
100	QPSK	1	1	24.21	24.23	24.17	25.70
100	QPSK	1	137	24.17	24.14	24.28	25.70
100	QPSK	1	271	24.15	24.14	24.18	25.70
100	QPSK	135	0	23.27	23.37	23.30	24.70
100	QPSK	135	69	24.18	24.16	24.12	25.70
100	QPSK	135	138	23.24	23.19	23.15	24.70
100	QPSK	270	0	23.16	23.14	23.20	24.70
100	16QAM	1	1	23.23	23.17	23.17	24.70
100	64QAM	1	1	21.78	21.85	21.83	23.20
100	256QAM	1	1	20.78	20.71	20.73	21.20
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	23.84	24.23	24.12	25.70
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	23.90	24.10	24.08	25.70
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	23.86	24.19	24.04	25.70
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	23.88	24.22	24.01	25.70
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	23.86	24.21	24.05	25.70
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	23.80	24.17	24.07	25.70
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	23.85	24.13	24.12	25.70
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	23.83	24.12	24.08	25.70
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	23.89	24.20	24.10	25.70
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	23.79	24.14	24.10	25.70
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	23.85	24.12	24.03	25.70

【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant
8_DSI0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
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Channel				633332			
Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1	24.29			25.70
100	PI/2 BPSK	1	137	24.21			25.70
100	PI/2 BPSK	1	271	24.13			25.70
100	PI/2 BPSK	135	0	23.56			25.20
100	PI/2 BPSK	135	69	24.10			25.70
100	PI/2 BPSK	135	138	23.47			25.20
100	PI/2 BPSK	270	0	23.59			25.20
100	QPSK	1	1	24.18			25.70
100	QPSK	1	137	24.20			25.70
100	QPSK	1	271	24.28			25.70
100	QPSK	135	0	23.36			24.70
100	QPSK	135	69	24.12			25.70
100	QPSK	135	138	23.23			24.70
100	QPSK	270	0	23.17			24.70
100	16QAM	1	1	23.22			24.70
100	64QAM	1	1	21.57			23.20
100	256QAM	1	1	19.72			21.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	24.21	24.23	24.19	25.70
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	24.08	24.20	24.18	25.70
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	24.09	24.11	24.06	25.70
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	24.06	24.22	24.07	25.70
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	24.15	24.21	24.05	25.70
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	24.19	24.12	24.09	25.70
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	24.19	24.21	24.04	25.70
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	24.15	24.10	24.16	25.70
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	24.20	24.15	24.11	25.70
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	24.17	24.11	24.04	25.70
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	24.16	24.10	24.10	25.70

【FR1 n77/n78 (96)_FCC_Part 96 (3550~3700MHz)_Ant
8_DSI0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				640000	641666	643332	
Frequency (MHz)				3600	3624.99	3649.98	
100	PI/2 BPSK	1	1	24.43	24.46	24.37	25.70
100	PI/2 BPSK	1	137	24.34	24.38	24.22	25.70
100	PI/2 BPSK	1	271	24.28	24.36	24.18	25.70
100	PI/2 BPSK	135	0	23.76	23.81	23.80	25.20
100	PI/2 BPSK	135	69	24.27	24.27	24.32	25.70
100	PI/2 BPSK	135	138	23.68	23.61	23.55	25.20
100	PI/2 BPSK	270	0	23.52	23.54	23.57	25.20
100	QPSK	1	1	24.15	24.28	24.35	25.70
100	QPSK	1	137	24.23	24.18	24.21	25.70
100	QPSK	1	271	24.31	24.17	24.28	25.70
100	QPSK	135	0	23.42	23.37	23.45	24.70
100	QPSK	135	69	24.20	24.20	24.38	25.70
100	QPSK	135	138	23.39	23.18	23.32	24.70
100	QPSK	270	0	23.22	23.25	23.40	24.70
100	16QAM	1	1	23.33	23.29	23.34	24.70



100	64QAM	1	1	21.80	21.75	21.72	23.20
100	256QAM	1	1	19.81	19.87	19.90	21.20
Channel				639668	641666	643666	Tune-up limit
Frequency (MHz)				3595.02	3624.99	3654.99	(dBm)
90	PI/2 BPSK	1	1	24.36	24.37	24.34	25.70
Channel				639334	641666	644000	Tune-up limit
Frequency (MHz)				3590.01	3624.99	3660	(dBm)
80	PI/2 BPSK	1	1	24.30	24.42	24.22	25.70
Channel				639000	641666	644332	Tune-up limit
Frequency (MHz)				3585	3624.99	3664.98	(dBm)
70	PI/2 BPSK	1	1	24.33	24.45	24.34	25.70
Channel				638668	641666	644666	Tune-up limit
Frequency (MHz)				3580.02	3624.99	3669.99	(dBm)
60	PI/2 BPSK	1	1	24.32	24.40	24.29	25.70
Channel				638334	641666	645000	Tune-up limit
Frequency (MHz)				3575.01	3624.99	3675	(dBm)
50	PI/2 BPSK	1	1	24.37	24.45	24.30	25.70
Channel				638000	641666	645332	Tune-up limit
Frequency (MHz)				3570	3624.99	3679.98	(dBm)
40	PI/2 BPSK	1	1	24.33	24.32	24.36	25.70
Channel				637668	641666	645666	Tune-up limit
Frequency (MHz)				3565.02	3624.99	3684.99	(dBm)
30	PI/2 BPSK	1	1	24.36	24.41	24.35	25.70
Channel				637500	641666	645832	Tune-up limit
Frequency (MHz)				3562.5	3624.99	3687.48	(dBm)
25	PI/2 BPSK	1	1	24.33	24.38	24.30	25.70
Channel				637334	641666	646000	Tune-up limit
Frequency (MHz)				3560.01	3624.99	3690	(dBm)
20	PI/2 BPSK	1	1	24.30	24.31	24.36	25.70
Channel				637168	641666	646166	Tune-up limit
Frequency (MHz)				3557.52	3624.99	3692.49	(dBm)
15	PI/2 BPSK	1	1	24.37	24.43	24.30	25.70
Channel				637000	641666	646332	Tune-up limit
Frequency (MHz)				3555	3624.99	3694.98	(dBm)
10	PI/2 BPSK	1	1	24.39	24.37	24.29	25.70

【FR1 n77 (270)_FCC_Part 270 (3700~3980MHz)_Ant
8_DSI0】

BW [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	23.91	24.24	24.15	25.70
100	PI/2 BPSK	1	137	24.19	24.17	24.30	25.70
100	PI/2 BPSK	1	271	24.24	24.22	24.16	25.70
100	PI/2 BPSK	135	0	23.62	23.71	23.67	25.20
100	PI/2 BPSK	135	69	24.13	24.10	24.03	25.70
100	PI/2 BPSK	135	138	23.80	23.67	23.64	25.20
100	PI/2 BPSK	270	0	23.86	23.84	23.83	25.20
100	QPSK	1	1	24.21	24.23	24.17	25.70
100	QPSK	1	137	24.17	24.14	24.28	25.70
100	QPSK	1	271	24.15	24.14	24.18	25.70
100	QPSK	135	0	23.27	23.37	23.30	24.70
100	QPSK	135	69	24.18	24.16	24.12	25.70
100	QPSK	135	138	23.24	23.19	23.15	24.70
100	QPSK	270	0	23.16	23.14	23.20	24.70
100	16QAM	1	1	23.23	23.17	23.17	24.70
100	64QAM	1	1	21.78	21.85	21.83	23.20
100	256QAM	1	1	20.78	20.71	20.73	21.20
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	23.84	24.23	24.12	25.70
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	23.90	24.10	24.08	25.70
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	23.86	24.19	24.04	25.70
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	23.88	24.22	24.01	25.70
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	23.86	24.21	24.05	25.70



Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	23.80	24.17	24.07	25.70
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	23.85	24.13	24.12	25.70
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	23.83	24.12	24.08	25.70
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	23.89	24.20	24.10	25.70
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	23.79	24.14	24.10	25.70
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	23.85	24.12	24.03	25.70

【FR1 n77 (27Q)___FCC_Part 27Q (3450~3550MHz)_Ant
8_DS17】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		13.33		13.60
100	PI/2 BPSK	1	137		12.78		13.60
100	PI/2 BPSK	1	271		13.05		13.60
100	PI/2 BPSK	135	0		12.95		13.60
100	PI/2 BPSK	135	69		13.21		13.60
100	PI/2 BPSK	135	138		12.86		13.60
100	PI/2 BPSK	270	0		12.81		13.60
100	QPSK	1	1		12.99		13.60
100	QPSK	1	137		13.16		13.60
100	QPSK	1	271		13.07		13.60
100	QPSK	135	0		12.88		13.60
100	QPSK	135	69		12.83		13.60
100	QPSK	135	138		12.75		13.60
100	QPSK	270	0		12.84		13.60
100	16QAM	1	1		12.99		13.60
100	64QAM	1	1		12.81		13.60
100	256QAM	1	1		12.84		13.60
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	13.22	13.30	13.24	13.60
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	13.09	13.22	13.15	13.60
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	13.18	13.29	13.22	13.60
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	13.08	13.23	13.19	13.60
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	13.09	13.23	13.15	13.60
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	13.17	13.21	13.19	13.60
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	13.16	13.26	13.11	13.60
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	13.11	13.24	13.18	13.60
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	13.09	13.16	13.18	13.60
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	13.17	13.15	13.13	13.60
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)

10	PI/2 BPSK	1	1	13.08	13.26	13.10	13.60
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【FR1 n77/n78 (96)_FCC_Part 96 (3550~3700MHz)_Ant
8_DSI7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				640000	641666	643332	
Frequency (MHz)				3600	3624.99	3649.98	
100	PI/2 BPSK	1	1	13.11	13.29	13.08	13.60
100	PI/2 BPSK	1	137	12.70	12.88	12.66	13.60
100	PI/2 BPSK	1	271	12.81	12.98	12.82	13.60
100	PI/2 BPSK	135	0	12.75	12.85	12.65	13.60
100	PI/2 BPSK	135	69	13.19	13.29	13.16	13.60
100	PI/2 BPSK	135	138	12.88	12.88	12.78	13.60
100	PI/2 BPSK	270	0	12.90	12.90	12.78	13.60
100	QPSK	1	1	12.98	12.98	12.93	13.60
100	QPSK	1	137	13.21	13.25	13.07	13.60
100	QPSK	1	271	13.01	13.09	12.99	13.60
100	QPSK	135	0	12.81	12.90	12.82	13.60
100	QPSK	135	69	12.74	12.76	12.69	13.60
100	QPSK	135	138	12.47	12.68	12.51	13.60
100	QPSK	270	0	12.96	12.95	12.91	13.60
100	16QAM	1	1	13.00	13.03	12.90	13.60
100	64QAM	1	1	12.55	12.73	12.62	13.60
100	256QAM	1	1	12.82	12.88	12.65	13.60
Channel				639668	641666	643666	Tune-up limit (dBm)
Frequency (MHz)				3595.02	3624.99	3654.99	
90	PI/2 BPSK	1	1	13.06	13.28	12.93	13.60
Channel				639334	641666	644000	Tune-up limit (dBm)
Frequency (MHz)				3590.01	3624.99	3660	
80	PI/2 BPSK	1	1	12.98	13.14	13.04	13.60
Channel				639000	641666	644332	Tune-up limit (dBm)
Frequency (MHz)				3585	3624.99	3664.98	
70	PI/2 BPSK	1	1	13.07	13.25	12.98	13.60
Channel				638668	641666	644666	Tune-up limit (dBm)
Frequency (MHz)				3580.02	3624.99	3669.99	
60	PI/2 BPSK	1	1	13.02	13.19	13.02	13.60
Channel				638334	641666	645000	Tune-up limit (dBm)
Frequency (MHz)				3575.01	3624.99	3675	
50	PI/2 BPSK	1	1	13.10	13.24	13.05	13.60
Channel				638000	641666	645332	Tune-up limit (dBm)
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	13.04	13.19	12.95	13.60
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	13.07	13.23	12.96	13.60
Channel				637500	641666	645832	Tune-up limit (dBm)
Frequency (MHz)				3562.5	3624.99	3687.48	
25	PI/2 BPSK	1	1	13.05	13.23	12.98	13.60
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	13.09	13.17	12.98	13.60
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	12.98	13.19	12.94	13.60
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	13.05	13.15	13.04	13.60

【FR1 n77 (270)_FCC_Part 270 (3700~3980MHz)_Ant
8_DSI7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	Tune-up limit (dBm)
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	13.27	13.20	13.19	13.60
100	PI/2 BPSK	1	137	13.04	13.04	12.98	13.60
100	PI/2 BPSK	1	271	12.92	13.07	12.78	13.60
100	PI/2 BPSK	135	0	12.94	13.08	13.08	13.60
100	PI/2 BPSK	135	69	13.03	13.09	13.11	13.60
100	PI/2 BPSK	135	138	13.00	13.05	12.94	13.60
100	PI/2 BPSK	270	0	13.06	12.92	13.08	13.60
100	QPSK	1	1	13.09	13.26	13.12	13.60
100	QPSK	1	137	12.93	13.06	13.04	13.60
100	QPSK	1	271	12.94	13.25	13.00	13.60
100	QPSK	135	0	12.71	12.92	12.89	13.60
100	QPSK	135	69	12.99	13.04	12.88	13.60
100	QPSK	135	138	12.78	12.98	12.90	13.60
100	QPSK	270	0	12.88	12.92	12.82	13.60
100	16QAM	1	1	12.88	13.03	13.00	13.60
100	64QAM	1	1	12.99	12.92	12.69	13.60
100	256QAM	1	1	12.80	12.94	12.83	13.60
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	13.20	13.07	13.05	13.60
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	13.24	13.10	13.13	13.60
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	13.16	13.17	13.18	13.60
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	13.21	13.11	13.11	13.60
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	13.13	13.06	13.08	13.60
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	13.16	13.12	13.18	13.60
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	13.15	13.09	13.12	13.60
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	13.13	13.15	13.04	13.60
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	13.25	13.17	13.08	13.60
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	13.24	13.19	13.05	13.60
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	13.24	13.15	13.09	13.60

【FR1 n77 (27Q)_FCC_Part 27Q
(3450~3550MHz)_HPUE_Ant 8_DSI0】

BW [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		24.29		25.70
100	PI/2 BPSK	1	137		24.21		25.70
100	PI/2 BPSK	1	271		24.13		25.70
100	PI/2 BPSK	135	0		23.56		25.20
100	PI/2 BPSK	135	69		24.10		25.70
100	PI/2 BPSK	135	138		23.47		25.20
100	PI/2 BPSK	270	0		23.59		25.20
100	QPSK	1	1		24.18		25.70
100	QPSK	1	137		24.20		25.70

100	QPSK	1	271		24.28		25.70
100	QPSK	135	0		23.36		24.70
100	QPSK	135	69		24.12		25.70
100	QPSK	135	138		23.23		24.70
100	QPSK	270	0		23.17		24.70
100	16QAM	1	1		23.22		24.70
100	64QAM	1	1		21.57		23.20
100	256QAM	1	1		19.72		21.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	24.21	24.23	24.19	25.70
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	24.08	24.20	24.18	25.70
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	24.09	24.11	24.06	25.70
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	24.06	24.22	24.07	25.70
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	24.15	24.21	24.05	25.70
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	24.19	24.12	24.09	25.70
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	24.19	24.21	24.04	25.70
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	24.15	24.10	24.16	25.70
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	24.20	24.15	24.11	25.70
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	24.17	24.11	24.04	25.70
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	24.16	24.10	24.10	25.70

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

BW [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	23.91	24.24	24.15	25.70
100	PI/2 BPSK	1	137	24.19	24.17	24.30	25.70
100	PI/2 BPSK	1	271	24.24	24.22	24.16	25.70
100	PI/2 BPSK	135	0	23.62	23.71	23.67	25.20
100	PI/2 BPSK	135	69	24.13	24.10	24.03	25.70
100	PI/2 BPSK	135	138	23.80	23.67	23.64	25.20
100	PI/2 BPSK	270	0	23.86	23.84	23.83	25.20
100	QPSK	1	1	24.21	24.23	24.17	25.70
100	QPSK	1	137	24.17	24.14	24.28	25.70
100	QPSK	1	271	24.15	24.14	24.18	25.70
100	QPSK	135	0	23.27	23.37	23.30	24.70
100	QPSK	135	69	24.18	24.16	24.12	25.70
100	QPSK	135	138	23.24	23.19	23.15	24.70
100	QPSK	270	0	23.16	23.14	23.20	24.70
100	16QAM	1	1	23.23	23.17	23.17	24.70
100	64QAM	1	1	21.78	21.85	21.83	23.20
100	256QAM	1	1	20.78	20.71	20.73	21.20
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	23.84	24.23	24.12	25.70
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	23.90	24.10	24.08	25.70
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	23.86	24.19	24.04	25.70

Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	23.88	24.22	24.01	25.70
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	23.86	24.21	24.05	25.70
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	23.80	24.17	24.07	25.70
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	23.85	24.13	24.12	25.70
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	23.83	24.12	24.08	25.70
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	23.89	24.20	24.10	25.70
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	23.79	24.14	24.10	25.70
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	23.85	24.12	24.03	25.70

【FR1 n77 (27Q) _FCC_Part 27Q
(3450~3550MHz) _HPUE_Ant 8_DSI7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		16.18		16.60
100	PI/2 BPSK	1	137		15.43		16.60
100	PI/2 BPSK	1	271		15.74		16.60
100	PI/2 BPSK	135	0		15.64		16.60
100	PI/2 BPSK	135	69		16.03		16.60
100	PI/2 BPSK	135	138		15.51		16.60
100	PI/2 BPSK	270	0		15.46		16.60
100	QPSK	1	1		15.81		16.60
100	QPSK	1	137		15.98		16.60
100	QPSK	1	271		15.81		16.60
100	QPSK	135	0		15.74		16.60
100	QPSK	135	69		15.51		16.60
100	QPSK	135	138		15.55		16.60
100	QPSK	270	0		15.55		16.60
100	16QAM	1	1		15.69		16.60
100	64QAM	1	1		15.51		16.60
100	256QAM	1	1		15.62		16.60
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	15.96	16.05	15.84	16.60
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	15.84	16.02	15.77	16.60
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	15.81	15.94	15.75	16.60
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	15.88	16.00	15.74	16.60
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	15.81	15.96	15.82	16.60
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	15.92	15.94	15.78	16.60
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	15.91	16.01	15.76	16.60
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	15.84	15.97	15.76	16.60
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)

20	PI/2 BPSK	1	1	15.86	15.97	15.79	16.60
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	15.91	15.92	15.75	16.60
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	15.81	15.97	15.80	16.60

【FR1 n77 (270)_FCC_Part 270
(3700~3980MHz)_HPUE_Ant 8_DSI7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	Tune-up limit
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	16.11	15.92	16.08	16.60
100	PI/2 BPSK	1	137	15.86	15.82	15.74	16.60
100	PI/2 BPSK	1	271	15.82	15.87	15.51	16.60
100	PI/2 BPSK	135	0	15.84	15.86	15.81	16.60
100	PI/2 BPSK	135	69	15.87	15.91	15.95	16.60
100	PI/2 BPSK	135	138	15.87	15.73	15.66	16.60
100	PI/2 BPSK	270	0	15.83	15.71	15.96	16.60
100	QPSK	1	1	15.84	15.97	15.97	16.60
100	QPSK	1	137	15.70	15.88	15.90	16.60
100	QPSK	1	271	15.67	16.00	15.77	16.60
100	QPSK	135	0	15.57	15.81	15.72	16.60
100	QPSK	135	69	15.84	15.75	15.60	16.60
100	QPSK	135	138	15.57	15.82	15.60	16.60
100	QPSK	270	0	15.56	15.82	15.51	16.60
100	16QAM	1	1	15.72	15.81	15.68	16.60
100	64QAM	1	1	15.78	15.70	15.38	16.60
100	256QAM	1	1	15.59	15.80	15.54	16.60
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	16.03	15.77	16.03	16.60
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	15.98	15.82	15.97	16.60
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	16.07	15.84	15.95	16.60
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	15.97	15.86	15.99	16.60
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	16.07	15.86	15.94	16.60
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	15.99	15.85	16.06	16.60
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	16.09	15.78	16.06	16.60
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	16.09	15.88	15.98	16.60
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	16.06	15.85	16.06	16.60
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	16.08	15.80	15.97	16.60
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	16.03	15.78	15.94	16.60

【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 9_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
100	PI/2 BPSK	1	1	24.59	24.62	24.53	25.70
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	24.55	24.55	24.46	25.70
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	24.44	24.54	24.43	25.70
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	24.51	24.49	24.47	25.70
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	24.47	24.60	24.44	25.70
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	24.46	24.51	24.40	25.70
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	24.46	24.57	24.44	25.70
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	24.58	24.54	24.40	25.70
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	24.56	24.47	24.52	25.70
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	24.49	24.61	24.41	25.70
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	24.54	24.58	24.45	25.70

【FR1 n77/n78 (96)_FCC_Part 96 (3550~3700MHz)_Ant 9_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				640000	641666	643332	Tune-up limit (dBm)
Frequency (MHz)				3600	3624.99	3649.98	(dBm)
100	PI/2 BPSK	1	1	17.23	17.30	17.22	18.50
100	PI/2 BPSK	1	137	17.05	17.02	16.93	18.50
100	PI/2 BPSK	1	271	17.04	17.10	16.85	18.50
100	PI/2 BPSK	135	0	17.03	17.06	16.95	18.50
100	PI/2 BPSK	135	69	17.11	17.21	17.12	18.50
100	PI/2 BPSK	135	138	16.95	17.13	16.89	18.50
100	PI/2 BPSK	270	0	17.07	17.05	17.00	18.50
100	QPSK	1	1	17.22	17.22	17.01	18.50
100	QPSK	1	137	17.02	17.13	17.18	18.50

100	QPSK	1	271	17.09	17.28	17.08	18.50
100	QPSK	135	0	16.79	16.98	16.85	18.50
100	QPSK	135	69	16.95	17.04	17.03	18.50
100	QPSK	135	138	16.91	17.06	16.89	18.50
100	QPSK	270	0	16.86	17.00	16.83	18.50
100	16QAM	1	1	16.98	17.02	16.97	18.50
100	64QAM	1	1	16.91	17.02	16.85	18.50
100	256QAM	1	1	16.99	17.05	16.91	18.50
Channel				639668	641666	643666	Tune-up limit
Frequency (MHz)				3595.02	3624.99	3654.99	(dBm)
90	PI/2 BPSK	1	1	17.10	17.23	17.18	18.50
Channel				639334	641666	644000	Tune-up limit
Frequency (MHz)				3590.01	3624.99	3660	(dBm)
80	PI/2 BPSK	1	1	17.21	17.19	17.08	18.50
Channel				639000	641666	644332	Tune-up limit
Frequency (MHz)				3585	3624.99	3664.98	(dBm)
70	PI/2 BPSK	1	1	17.09	17.28	17.10	18.50
Channel				638668	641666	644666	Tune-up limit
Frequency (MHz)				3580.02	3624.99	3669.99	(dBm)
60	PI/2 BPSK	1	1	17.16	17.20	17.08	18.50
Channel				638334	641666	645000	Tune-up limit
Frequency (MHz)				3575.01	3624.99	3675	(dBm)
50	PI/2 BPSK	1	1	17.13	17.20	17.12	18.50
Channel				638000	641666	645332	Tune-up limit
Frequency (MHz)				3570	3624.99	3679.98	(dBm)
40	PI/2 BPSK	1	1	17.16	17.17	17.09	18.50
Channel				637668	641666	645666	Tune-up limit
Frequency (MHz)				3565.02	3624.99	3684.99	(dBm)
30	PI/2 BPSK	1	1	17.16	17.18	17.10	18.50
Channel				637500	641666	645832	Tune-up limit
Frequency (MHz)				3562.5	3624.99	3687.48	(dBm)
25	PI/2 BPSK	1	1	17.19	17.19	17.14	18.50
Channel				637334	641666	646000	Tune-up limit
Frequency (MHz)				3560.01	3624.99	3690	(dBm)
20	PI/2 BPSK	1	1	17.13	17.28	17.21	18.50
Channel				637168	641666	646166	Tune-up limit
Frequency (MHz)				3557.52	3624.99	3692.49	(dBm)
15	PI/2 BPSK	1	1	17.20	17.27	17.09	18.50
Channel				637000	641666	646332	Tune-up limit
Frequency (MHz)				3555	3624.99	3694.98	(dBm)
10	PI/2 BPSK	1	1	17.15	17.25	17.14	18.50

【FR1 n77 (270)___FCC_Part 270 (3700~3980MHz)_Ant 9_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	24.84	24.85	24.77	25.70
100	PI/2 BPSK	1	137	24.64	24.70	24.75	25.70
100	PI/2 BPSK	1	271	24.75	24.79	24.83	25.70
100	PI/2 BPSK	135	0	24.58	24.57	24.44	25.20
100	PI/2 BPSK	135	69	24.76	24.83	24.77	25.70
100	PI/2 BPSK	135	138	24.26	24.40	24.36	25.20
100	PI/2 BPSK	270	0	24.37	24.37	24.35	25.20
100	QPSK	1	1	24.72	24.64	24.74	25.70
100	QPSK	1	137	24.63	24.74	24.61	25.70
100	QPSK	1	271	24.64	24.74	24.76	25.70
100	QPSK	135	0	23.86	23.84	23.84	24.70
100	QPSK	135	69	24.84	24.69	24.70	25.70
100	QPSK	135	138	23.79	23.86	23.70	24.70
100	QPSK	270	0	23.85	23.86	23.70	24.70
100	16QAM	1	1	23.89	23.91	23.93	24.70
100	64QAM	1	1	22.27	22.15	22.20	23.20
100	256QAM	1	1	20.15	20.17	20.26	21.20
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	24.76	24.81	24.71	25.70
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	24.76	24.75	24.65	25.70
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	24.74	24.73	24.71	25.70

Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	24.75	24.73	24.66	25.70
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	24.70	24.72	24.70	25.70
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	24.78	24.81	24.75	25.70
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	24.80	24.76	24.73	25.70
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	24.72	24.78	24.64	25.70
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	24.76	24.84	24.73	25.70
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	24.83	24.84	24.65	25.70
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	24.73	24.77	24.67	25.70

【FR1 n77 (27Q) _FCC_Part 27Q
(3450~3550MHz) _HPUE_Ant 9_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		24.65		25.70
100	PI/2 BPSK	1	137		24.53		25.70
100	PI/2 BPSK	1	271		24.49		25.70
100	PI/2 BPSK	135	0		24.31		25.20
100	PI/2 BPSK	135	69		24.56		25.70
100	PI/2 BPSK	135	138		24.13		25.20
100	PI/2 BPSK	270	0		24.06		25.20
100	QPSK	1	1		24.50		25.70
100	QPSK	1	137		24.47		25.70
100	QPSK	1	271		24.54		25.70
100	QPSK	135	0		23.64		24.70
100	QPSK	135	69		24.48		25.70
100	QPSK	135	138		23.57		24.70
100	QPSK	270	0		23.64		24.70
100	16QAM	1	1		23.65		24.70
100	64QAM	1	1		21.94		23.20
100	256QAM	1	1		20.01		21.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	24.59	24.62	24.53	25.70
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	24.55	24.55	24.46	25.70
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	24.44	24.54	24.43	25.70
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	24.51	24.49	24.47	25.70
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	24.47	24.60	24.44	25.70
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	24.46	24.51	24.40	25.70
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	24.46	24.57	24.44	25.70
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	24.58	24.54	24.40	25.70
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)



20	PI/2 BPSK	1	1	24.56	24.47	24.52	25.70
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	24.49	24.61	24.41	25.70
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	24.54	24.58	24.45	25.70

【FR1 n77 (270)_FCC_Part 270
(3700~3980MHz)_HPUE_Ant 9_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	Tune-up limit
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	24.84	24.85	24.77	25.70
100	PI/2 BPSK	1	137	24.64	24.70	24.75	25.70
100	PI/2 BPSK	1	271	24.75	24.79	24.83	25.70
100	PI/2 BPSK	135	0	24.58	24.57	24.44	25.20
100	PI/2 BPSK	135	69	24.76	24.83	24.77	25.70
100	PI/2 BPSK	135	138	24.26	24.40	24.36	25.20
100	PI/2 BPSK	270	0	24.37	24.37	24.35	25.20
100	QPSK	1	1	24.72	24.64	24.74	25.70
100	QPSK	1	137	24.63	24.74	24.61	25.70
100	QPSK	1	271	24.64	24.74	24.76	25.70
100	QPSK	135	0	23.86	23.84	23.84	24.70
100	QPSK	135	69	24.84	24.69	24.70	25.70
100	QPSK	135	138	23.79	23.86	23.70	24.70
100	QPSK	270	0	23.85	23.86	23.70	24.70
100	16QAM	1	1	23.89	23.91	23.93	24.70
100	64QAM	1	1	22.27	22.15	22.20	23.20
100	256QAM	1	1	20.15	20.17	20.26	21.20
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	24.76	24.81	24.71	25.70
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	24.76	24.75	24.65	25.70
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	24.74	24.73	24.71	25.70
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	24.75	24.73	24.66	25.70
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	24.70	24.72	24.70	25.70
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	24.78	24.81	24.75	25.70
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	24.80	24.76	24.73	25.70
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	24.72	24.78	24.64	25.70
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	24.76	24.84	24.73	25.70
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	24.83	24.84	24.65	25.70
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	24.73	24.77	24.67	25.70

【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant
9_DSI0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
100	PI/2 BPSK	1	1	24.59	24.62	24.53	25.70
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	24.55	24.55	24.46	25.70
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	24.44	24.54	24.43	25.70
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	24.51	24.49	24.47	25.70
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	24.47	24.60	24.44	25.70
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	24.46	24.51	24.40	25.70
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	24.46	24.57	24.44	25.70
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	24.58	24.54	24.40	25.70
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	24.56	24.47	24.52	25.70
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	24.49	24.61	24.41	25.70
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	24.54	24.58	24.45	25.70

【FR1 n77/n78 (96)_FCC_Part 96 (3550~3700MHz)_Ant
9_DSI0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				640000	641666	643332	Tune-up limit (dBm)
Frequency (MHz)				3600	3624.99	3649.98	(dBm)
100	PI/2 BPSK	1	1	24.49	24.62	24.60	25.70
100	PI/2 BPSK	1	137	24.39	24.46	24.53	25.70
100	PI/2 BPSK	1	271	24.43	24.44	24.52	25.70
100	PI/2 BPSK	135	0	24.09	24.18	24.23	25.20
100	PI/2 BPSK	135	69	24.46	24.51	24.52	25.70
100	PI/2 BPSK	135	138	24.10	24.01	24.02	25.20
100	PI/2 BPSK	270	0	24.03	24.14	24.04	25.20
100	QPSK	1	1	24.57	24.52	24.46	25.70
100	QPSK	1	137	24.47	24.42	24.46	25.70

100	QPSK	1	271	24.39	24.42	24.38	25.70
100	QPSK	135	0	23.60	23.59	23.47	24.70
100	QPSK	135	69	24.48	24.55	24.43	25.70
100	QPSK	135	138	23.48	23.55	23.47	24.70
100	QPSK	270	0	23.51	23.63	23.50	24.70
100	16QAM	1	1	23.49	23.46	23.48	24.70
100	64QAM	1	1	21.85	21.84	21.87	23.20
100	256QAM	1	1	19.78	19.73	19.80	21.20
Channel				639668	641666	643666	Tune-up limit
Frequency (MHz)				3595.02	3624.99	3654.99	(dBm)
90	PI/2 BPSK	1	1	24.51	24.53	24.49	25.70
Channel				639334	641666	644000	Tune-up limit
Frequency (MHz)				3590.01	3624.99	3660	(dBm)
80	PI/2 BPSK	1	1	24.45	24.50	24.55	25.70
Channel				639000	641666	644332	Tune-up limit
Frequency (MHz)				3585	3624.99	3664.98	(dBm)
70	PI/2 BPSK	1	1	24.35	24.49	24.46	25.70
Channel				638668	641666	644666	Tune-up limit
Frequency (MHz)				3580.02	3624.99	3669.99	(dBm)
60	PI/2 BPSK	1	1	24.37	24.60	24.45	25.70
Channel				638334	641666	645000	Tune-up limit
Frequency (MHz)				3575.01	3624.99	3675	(dBm)
50	PI/2 BPSK	1	1	24.46	24.50	24.49	25.70
Channel				638000	641666	645332	Tune-up limit
Frequency (MHz)				3570	3624.99	3679.98	(dBm)
40	PI/2 BPSK	1	1	24.47	24.59	24.46	25.70
Channel				637668	641666	645666	Tune-up limit
Frequency (MHz)				3565.02	3624.99	3684.99	(dBm)
30	PI/2 BPSK	1	1	24.35	24.53	24.53	25.70
Channel				637500	641666	645832	Tune-up limit
Frequency (MHz)				3562.5	3624.99	3687.48	(dBm)
25	PI/2 BPSK	1	1	24.38	24.49	24.48	25.70
Channel				637334	641666	646000	Tune-up limit
Frequency (MHz)				3560.01	3624.99	3690	(dBm)
20	PI/2 BPSK	1	1	24.45	24.56	24.49	25.70
Channel				637168	641666	646166	Tune-up limit
Frequency (MHz)				3557.52	3624.99	3692.49	(dBm)
15	PI/2 BPSK	1	1	24.35	24.52	24.53	25.70
Channel				637000	641666	646332	Tune-up limit
Frequency (MHz)				3555	3624.99	3694.98	(dBm)
10	PI/2 BPSK	1	1	24.38	24.50	24.56	25.70

【FR1 n77 (270)___FCC_Part 270 (3700~3980MHz)_Ant
9_DSI0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	24.84	24.85	24.77	25.70
100	PI/2 BPSK	1	137	24.64	24.70	24.75	25.70
100	PI/2 BPSK	1	271	24.75	24.79	24.83	25.70
100	PI/2 BPSK	135	0	24.58	24.57	24.44	25.20
100	PI/2 BPSK	135	69	24.76	24.83	24.77	25.70
100	PI/2 BPSK	135	138	24.26	24.40	24.36	25.20
100	PI/2 BPSK	270	0	24.37	24.37	24.35	25.20
100	QPSK	1	1	24.72	24.64	24.74	25.70
100	QPSK	1	137	24.63	24.74	24.61	25.70
100	QPSK	1	271	24.64	24.74	24.76	25.70
100	QPSK	135	0	23.86	23.84	23.84	24.70
100	QPSK	135	69	24.84	24.69	24.70	25.70
100	QPSK	135	138	23.79	23.86	23.70	24.70
100	QPSK	270	0	23.85	23.86	23.70	24.70
100	16QAM	1	1	23.89	23.91	23.93	24.70
100	64QAM	1	1	22.27	22.15	22.20	23.20
100	256QAM	1	1	20.15	20.17	20.26	21.20
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	24.76	24.81	24.71	25.70
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	24.76	24.75	24.65	25.70
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	24.74	24.73	24.71	25.70

Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	24.75	24.73	24.66	25.70
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	24.70	24.72	24.70	25.70
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	24.78	24.81	24.75	25.70
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	24.80	24.76	24.73	25.70
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	24.72	24.78	24.64	25.70
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	24.76	24.84	24.73	25.70
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	24.83	24.84	24.65	25.70
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	24.73	24.77	24.67	25.70

【FR1 n77 (27Q) _FCC_Part 27Q (3450~3550MHz)_Ant
9_DSI7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		13.98		14.70
100	PI/2 BPSK	1	137		13.73		14.70
100	PI/2 BPSK	1	271		13.67		14.70
100	PI/2 BPSK	135	0		13.58		14.70
100	PI/2 BPSK	135	69		13.78		14.70
100	PI/2 BPSK	135	138		13.74		14.70
100	PI/2 BPSK	270	0		13.58		14.70
100	QPSK	1	1		13.83		14.70
100	QPSK	1	137		13.72		14.70
100	QPSK	1	271		13.89		14.70
100	QPSK	135	0		13.61		14.70
100	QPSK	135	69		13.72		14.70
100	QPSK	135	138		13.67		14.70
100	QPSK	270	0		13.66		14.70
100	16QAM	1	1		13.55		14.70
100	64QAM	1	1		13.64		14.70
100	256QAM	1	1		13.69		14.70
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	13.69	13.88	13.72	14.70
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	13.56	13.81	13.70	14.70
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	13.60	13.79	13.68	14.70
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	13.63	13.78	13.60	14.70
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	13.66	13.74	13.67	14.70
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	13.61	13.76	13.59	14.70
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	13.63	13.75	13.67	14.70
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	13.64	13.81	13.64	14.70
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)



20	PI/2 BPSK	1	1	13.57	13.75	13.70	14.70
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	13.59	13.75	13.58	14.70
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	13.67	13.83	13.68	14.70

【FR1 n77/n78 (96)_FCC_Part 96 (3550~3700MHz)_Ant
9_DSI7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				640000	641666	643332	Tune-up limit
Frequency (MHz)				3600	3624.99	3649.98	
100	PI/2 BPSK	1	1	13.77	13.91	13.87	14.70
100	PI/2 BPSK	1	137	13.72	13.64	13.57	14.70
100	PI/2 BPSK	1	271	13.60	13.67	13.60	14.70
100	PI/2 BPSK	135	0	13.54	13.65	13.72	14.70
100	PI/2 BPSK	135	69	13.80	13.79	13.66	14.70
100	PI/2 BPSK	135	138	13.66	13.77	13.60	14.70
100	PI/2 BPSK	270	0	13.69	13.78	13.75	14.70
100	QPSK	1	1	13.77	13.86	13.78	14.70
100	QPSK	1	137	13.74	13.83	13.89	14.70
100	QPSK	1	271	13.72	13.91	13.72	14.70
100	QPSK	135	0	13.58	13.58	13.60	14.70
100	QPSK	135	69	13.54	13.79	13.57	14.70
100	QPSK	135	138	13.47	13.65	13.50	14.70
100	QPSK	270	0	13.59	13.64	13.43	14.70
100	16QAM	1	1	13.59	13.73	13.53	14.70
100	64QAM	1	1	13.61	13.58	13.60	14.70
100	256QAM	1	1	13.66	13.63	13.47	14.70
Channel				639668	641666	643666	Tune-up limit
Frequency (MHz)				3595.02	3624.99	3654.99	(dBm)
90	PI/2 BPSK	1	1	13.66	13.77	13.73	14.70
Channel				639334	641666	644000	Tune-up limit
Frequency (MHz)				3590.01	3624.99	3660	(dBm)
80	PI/2 BPSK	1	1	13.75	13.84	13.83	14.70
Channel				639000	641666	644332	Tune-up limit
Frequency (MHz)				3585	3624.99	3664.98	(dBm)
70	PI/2 BPSK	1	1	13.76	13.81	13.74	14.70
Channel				638668	641666	644666	Tune-up limit
Frequency (MHz)				3580.02	3624.99	3669.99	(dBm)
60	PI/2 BPSK	1	1	13.73	13.84	13.81	14.70
Channel				638334	641666	645000	Tune-up limit
Frequency (MHz)				3575.01	3624.99	3675	(dBm)
50	PI/2 BPSK	1	1	13.66	13.84	13.72	14.70
Channel				638000	641666	645332	Tune-up limit
Frequency (MHz)				3570	3624.99	3679.98	(dBm)
40	PI/2 BPSK	1	1	13.63	13.88	13.85	14.70
Channel				637668	641666	645666	Tune-up limit
Frequency (MHz)				3565.02	3624.99	3684.99	(dBm)
30	PI/2 BPSK	1	1	13.65	13.86	13.78	14.70
Channel				637500	641666	645832	Tune-up limit
Frequency (MHz)				3562.5	3624.99	3687.48	(dBm)
25	PI/2 BPSK	1	1	13.74	13.86	13.77	14.70
Channel				637334	641666	646000	Tune-up limit
Frequency (MHz)				3560.01	3624.99	3690	(dBm)
20	PI/2 BPSK	1	1	13.72	13.77	13.72	14.70
Channel				637168	641666	646166	Tune-up limit
Frequency (MHz)				3557.52	3624.99	3692.49	(dBm)
15	PI/2 BPSK	1	1	13.64	13.85	13.81	14.70
Channel				637000	641666	646332	Tune-up limit
Frequency (MHz)				3555	3624.99	3694.98	(dBm)
10	PI/2 BPSK	1	1	13.70	13.79	13.72	14.70

【FR1 n77 (270)_FCC_Part 270 (3700~3980MHz)_Ant
9_DSI7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	Tune-up limit (dBm)
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	13.72	13.81	13.70	14.70
100	PI/2 BPSK	1	137	13.59	13.48	13.51	14.70
100	PI/2 BPSK	1	271	13.46	13.51	13.45	14.70
100	PI/2 BPSK	135	0	13.37	13.58	13.61	14.70
100	PI/2 BPSK	135	69	13.77	13.69	13.50	14.70
100	PI/2 BPSK	135	138	13.61	13.61	13.50	14.70
100	PI/2 BPSK	270	0	13.63	13.67	13.70	14.70
100	QPSK	1	1	13.67	13.78	13.58	14.70
100	QPSK	1	137	13.55	13.79	13.71	14.70
100	QPSK	1	271	13.56	13.72	13.62	14.70
100	QPSK	135	0	13.42	13.58	13.40	14.70
100	QPSK	135	69	13.43	13.70	13.41	14.70
100	QPSK	135	138	13.43	13.48	13.44	14.70
100	QPSK	270	0	13.47	13.46	13.42	14.70
100	16QAM	1	1	13.53	13.63	13.36	14.70
100	64QAM	1	1	13.43	13.42	13.47	14.70
100	256QAM	1	1	13.59	13.46	13.42	14.70
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	13.65	13.76	13.67	14.70
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	13.69	13.71	13.66	14.70
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	13.70	13.77	13.57	14.70
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	13.70	13.79	13.60	14.70
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	13.69	13.79	13.61	14.70
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	13.64	13.79	13.56	14.70
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	13.63	13.75	13.62	14.70
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	13.63	13.74	13.59	14.70
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	13.70	13.67	13.66	14.70
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	13.62	13.78	13.59	14.70
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	13.62	13.73	13.56	14.70

【FR1 n77 (27Q)_FCC_Part 27Q
(3450~3550MHz)_HPUE_Ant 9_DSI0】

BW [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		24.65		25.70
100	PI/2 BPSK	1	137		24.53		25.70
100	PI/2 BPSK	1	271		24.49		25.70
100	PI/2 BPSK	135	0		24.31		25.20
100	PI/2 BPSK	135	69		24.56		25.70
100	PI/2 BPSK	135	138		24.13		25.20
100	PI/2 BPSK	270	0		24.06		25.20
100	QPSK	1	1		24.50		25.70
100	QPSK	1	137		24.47		25.70

100	QPSK	1	271		24.54		25.70
100	QPSK	135	0		23.64		24.70
100	QPSK	135	69		24.48		25.70
100	QPSK	135	138		23.57		24.70
100	QPSK	270	0		23.64		24.70
100	16QAM	1	1		23.65		24.70
100	64QAM	1	1		21.94		23.20
100	256QAM	1	1		20.01		21.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	24.59	24.62	24.53	25.70
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	24.55	24.55	24.46	25.70
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	24.44	24.54	24.43	25.70
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	24.51	24.49	24.47	25.70
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	24.47	24.60	24.44	25.70
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	24.46	24.51	24.40	25.70
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	24.46	24.57	24.44	25.70
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	24.58	24.54	24.40	25.70
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	24.56	24.47	24.52	25.70
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	24.49	24.61	24.41	25.70
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	24.54	24.58	24.45	25.70

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

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	24.84	24.85	24.77	25.70
100	PI/2 BPSK	1	137	24.64	24.70	24.75	25.70
100	PI/2 BPSK	1	271	24.75	24.79	24.83	25.70
100	PI/2 BPSK	135	0	24.58	24.57	24.44	25.20
100	PI/2 BPSK	135	69	24.76	24.83	24.77	25.70
100	PI/2 BPSK	135	138	24.26	24.40	24.36	25.20
100	PI/2 BPSK	270	0	24.37	24.37	24.35	25.20
100	QPSK	1	1	24.72	24.64	24.74	25.70
100	QPSK	1	137	24.63	24.74	24.61	25.70
100	QPSK	1	271	24.64	24.74	24.76	25.70
100	QPSK	135	0	23.86	23.84	23.84	24.70
100	QPSK	135	69	24.84	24.69	24.70	25.70
100	QPSK	135	138	23.79	23.86	23.70	24.70
100	QPSK	270	0	23.85	23.86	23.70	24.70
100	16QAM	1	1	23.89	23.91	23.93	24.70
100	64QAM	1	1	22.27	22.15	22.20	23.20
100	256QAM	1	1	20.15	20.17	20.26	21.20
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	24.76	24.81	24.71	25.70
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	24.76	24.75	24.65	25.70
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	24.74	24.73	24.71	25.70

Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	24.75	24.73	24.66	25.70
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	24.70	24.72	24.70	25.70
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	24.78	24.81	24.75	25.70
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	24.80	24.76	24.73	25.70
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	24.72	24.78	24.64	25.70
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	24.76	24.84	24.73	25.70
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	24.83	24.84	24.65	25.70
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	24.73	24.77	24.67	25.70

【FR1 n77 (27Q) _FCC_Part 27Q
(3450~3550MHz) _HPUE_Ant 9_DSI7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		16.85		17.70
100	PI/2 BPSK	1	137		16.52		17.70
100	PI/2 BPSK	1	271		16.50		17.70
100	PI/2 BPSK	135	0		16.40		17.70
100	PI/2 BPSK	135	69		16.65		17.70
100	PI/2 BPSK	135	138		16.49		17.70
100	PI/2 BPSK	270	0		16.41		17.70
100	QPSK	1	1		16.62		17.70
100	QPSK	1	137		16.59		17.70
100	QPSK	1	271		16.67		17.70
100	QPSK	135	0		16.38		17.70
100	QPSK	135	69		16.50		17.70
100	QPSK	135	138		16.37		17.70
100	QPSK	270	0		16.44		17.70
100	16QAM	1	1		16.38		17.70
100	64QAM	1	1		16.35		17.70
100	256QAM	1	1		16.55		17.70
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	16.75	16.80	16.69	17.70
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	16.65	16.66	16.68	17.70
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	16.73	16.76	16.57	17.70
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	16.74	16.71	16.63	17.70
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	16.61	16.69	16.59	17.70
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	16.73	16.78	16.59	17.70
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	16.72	16.68	16.59	17.70
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	16.69	16.77	16.68	17.70
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)

20	PI/2 BPSK	1	1	16.60	16.69	16.64	17.70
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	16.69	16.70	16.66	17.70
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	16.67	16.79	16.57	17.70

【FR1 n77 (270)_FCC_Part 270
(3700~3980MHz)_HPUE_Ant 9_DS17】

BW [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	16.73	16.87	16.75	17.70
100	PI/2 BPSK	1	137	16.63	16.51	16.46	17.70
100	PI/2 BPSK	1	271	16.40	16.52	16.51	17.70
100	PI/2 BPSK	135	0	16.36	16.59	16.50	17.70
100	PI/2 BPSK	135	69	16.69	16.70	16.44	17.70
100	PI/2 BPSK	135	138	16.52	16.60	16.40	17.70
100	PI/2 BPSK	270	0	16.58	16.60	16.59	17.70
100	QPSK	1	1	16.73	16.77	16.53	17.70
100	QPSK	1	137	16.44	16.70	16.64	17.70
100	QPSK	1	271	16.43	16.62	16.67	17.70
100	QPSK	135	0	16.28	16.44	16.38	17.70
100	QPSK	135	69	16.31	16.64	16.41	17.70
100	QPSK	135	138	16.33	16.48	16.35	17.70
100	QPSK	270	0	16.43	16.47	16.32	17.70
100	16QAM	1	1	16.56	16.49	16.32	17.70
100	64QAM	1	1	16.32	16.46	16.48	17.70
100	256QAM	1	1	16.53	16.40	16.37	17.70
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	16.62	16.79	16.66	17.70
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	16.71	16.73	16.61	17.70
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	16.67	16.79	16.63	17.70
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	16.70	16.81	16.72	17.70
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	16.71	16.83	16.72	17.70
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	16.66	16.79	16.66	17.70
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	16.72	16.73	16.72	17.70
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	16.64	16.83	16.62	17.70
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	16.59	16.74	16.69	17.70
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	16.66	16.84	16.69	17.70
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	16.59	16.76	16.61	17.70

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 3_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.92		25.70
100	PI/2 BPSK	1	137		23.90		25.70
100	PI/2 BPSK	1	271		23.86		25.70
100	PI/2 BPSK	135	0		23.41		25.20
100	PI/2 BPSK	135	69		23.86		25.70
100	PI/2 BPSK	135	138		23.43		25.20
100	PI/2 BPSK	270	0		23.44		25.20
100	QPSK	1	1		23.93		25.70
100	QPSK	1	137		23.96		25.70
100	QPSK	1	271		23.89		25.70
100	QPSK	135	0		22.86		24.70
100	QPSK	135	69		23.86		25.70
100	QPSK	135	138		22.97		24.70
100	QPSK	270	0		22.93		24.70
100	16QAM	1	1		23.03		24.70
100	64QAM	1	1		21.56		23.20
100	256QAM	1	1		19.51		21.20
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	23.74	23.76	23.71	25.70
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	23.70	23.71	23.71	25.70
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	23.70	23.71	23.70	25.70
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	23.72	23.74	23.71	25.70
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	23.71	23.72	23.70	25.70
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	23.70	23.73	23.70	25.70
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	23.71	23.73	23.71	25.70
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	23.71	23.71	23.70	25.70
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	23.70	23.70	23.72	25.70
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	23.72	23.71	23.70	25.70
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	23.71	23.70	23.70	25.70

【FR1 n78 (27O)_FCC_Part 27O (3700~3800MHz)_Ant 3_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		24.00		25.70
100	PI/2 BPSK	1	137		23.97		25.70
100	PI/2 BPSK	1	271		23.87		25.70
100	PI/2 BPSK	135	0		23.52		25.20
100	PI/2 BPSK	135	69		23.85		25.70
100	PI/2 BPSK	135	138		23.51		25.20
100	PI/2 BPSK	270	0		23.56		25.20
100	QPSK	1	1		23.90		25.70
100	QPSK	1	137		23.96		25.70

100	QPSK	1	271		23.93		25.70
100	QPSK	135	0		22.89		24.70
100	QPSK	135	69		23.88		25.70
100	QPSK	135	138		23.07		24.70
100	QPSK	270	0		22.92		24.70
100	16QAM	1	1		22.87		24.70
100	64QAM	1	1		21.56		23.20
100	256QAM	1	1		19.62		21.20
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	23.91	23.98	23.93	25.70
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	23.81	23.86	23.80	25.70
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	23.85	23.83	23.82	25.70
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	23.79	23.88	23.79	25.70
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	23.78	23.90	23.85	25.70
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	23.89	23.84	23.85	25.70
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	23.78	23.84	23.86	25.70
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	23.88	23.92	23.82	25.70
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	23.80	23.96	23.84	25.70
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	23.84	23.88	23.79	25.70
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	23.84	23.96	23.90	25.70

【FR1 n78 (27Q)_FCC_Part 27Q
(3450~3550MHz)_HPUE_Ant 3_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.92		25.70
100	PI/2 BPSK	1	137		23.90		25.70
100	PI/2 BPSK	1	271		23.86		25.70
100	PI/2 BPSK	135	0		23.41		25.20
100	PI/2 BPSK	135	69		23.86		25.70
100	PI/2 BPSK	135	138		23.43		25.20
100	PI/2 BPSK	270	0		23.44		25.20
100	QPSK	1	1		23.93		25.70
100	QPSK	1	137		23.96		25.70
100	QPSK	1	271		23.89		25.70
100	QPSK	135	0		22.86		24.70
100	QPSK	135	69		23.86		25.70
100	QPSK	135	138		22.97		24.70
100	QPSK	270	0		22.93		24.70
100	16QAM	1	1		23.03		24.70
100	64QAM	1	1		21.56		23.20
100	256QAM	1	1		19.51		21.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	23.74	23.76	23.71	25.70
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	23.70	23.71	23.71	25.70
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	23.70	23.71	23.70	25.70

Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	23.72	23.74	23.71	25.70
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	23.71	23.72	23.70	25.70
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	23.74	23.76	23.71	25.70
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	23.70	23.71	23.71	25.70
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	23.70	23.71	23.70	25.70
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	23.72	23.74	23.71	25.70
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	23.71	23.72	23.70	25.70
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	23.70	23.73	23.70	25.70

【FR1 n78 (270) _FCC_Part 270
(3700~3800MHz) _HPUE_Ant 3_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		24.00		25.70
100	PI/2 BPSK	1	137		23.97		25.70
100	PI/2 BPSK	1	271		23.87		25.70
100	PI/2 BPSK	135	0		23.52		25.20
100	PI/2 BPSK	135	69		23.85		25.70
100	PI/2 BPSK	135	138		23.51		25.20
100	PI/2 BPSK	270	0		23.56		25.20
100	QPSK	1	1		23.90		25.70
100	QPSK	1	137		23.96		25.70
100	QPSK	1	271		23.93		25.70
100	QPSK	135	0		22.89		24.70
100	QPSK	135	69		23.88		25.70
100	QPSK	135	138		23.07		24.70
100	QPSK	270	0		22.92		24.70
100	16QAM	1	1		22.87		24.70
100	64QAM	1	1		21.56		23.20
100	256QAM	1	1		19.62		21.20
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	23.91	23.98	23.93	25.70
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	23.81	23.86	23.80	25.70
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	23.85	23.83	23.82	25.70
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	23.79	23.88	23.79	25.70
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	23.78	23.90	23.85	25.70
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	23.91	23.98	23.93	25.70
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	23.81	23.86	23.80	25.70
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	23.85	23.83	23.82	25.70
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)



20	PI/2 BPSK	1	1	23.79	23.88	23.79	25.70
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	23.78	23.90	23.85	25.70
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	23.89	23.84	23.85	25.70

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant
3_DSI0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		8.54		9.20
100	PI/2 BPSK	1	137		8.26		9.20
100	PI/2 BPSK	1	271		8.28		9.20
100	PI/2 BPSK	135	0		8.19		9.20
100	PI/2 BPSK	135	69		8.47		9.20
100	PI/2 BPSK	135	138		8.27		9.20
100	PI/2 BPSK	270	0		8.21		9.20
100	QPSK	1	1		8.33		9.20
100	QPSK	1	137		8.35		9.20
100	QPSK	1	271		8.42		9.20
100	QPSK	135	0		8.07		9.20
100	QPSK	135	69		8.19		9.20
100	QPSK	135	138		8.34		9.20
100	QPSK	270	0		8.31		9.20
100	16QAM	1	1		8.29		9.20
100	64QAM	1	1		8.33		9.20
100	256QAM	1	1		8.17		9.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	8.36	8.43	8.41	9.20
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	8.29	8.35	8.34	9.20
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	8.25	8.38	8.36	9.20
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	8.33	8.42	8.35	9.20
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	8.30	8.32	8.27	9.20
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	8.25	8.33	8.28	9.20
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	8.27	8.39	8.40	9.20
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	8.25	8.42	8.27	9.20
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	8.31	8.40	8.35	9.20
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	8.31	8.40	8.36	9.20
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	8.30	8.28	8.36	9.20

【FR1 n78 (270)___FCC_Part 270 (3700~3800MHz)_Ant
3_DSIO】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		8.60		9.20
100	PI/2 BPSK	1	137		8.28		9.20
100	PI/2 BPSK	1	271		8.38		9.20
100	PI/2 BPSK	135	0		8.31		9.20
100	PI/2 BPSK	135	69		8.59		9.20
100	PI/2 BPSK	135	138		8.44		9.20
100	PI/2 BPSK	270	0		8.36		9.20
100	QPSK	1	1		8.42		9.20
100	QPSK	1	137		8.61		9.20
100	QPSK	1	271		8.57		9.20
100	QPSK	135	0		8.33		9.20
100	QPSK	135	69		8.37		9.20
100	QPSK	135	138		8.41		9.20
100	QPSK	270	0		8.39		9.20
100	16QAM	1	1		8.35		9.20
100	64QAM	1	1		8.38		9.20
100	256QAM	1	1		8.35		9.20
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	8.41	8.53	8.46	9.20
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	8.29	8.39	8.33	9.20
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	8.39	8.50	8.42	9.20
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	8.27	8.52	8.39	9.20
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	8.32	8.50	8.31	9.20
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	8.32	8.40	8.43	9.20
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	8.38	8.49	8.41	9.20
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	8.28	8.44	8.35	9.20
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	8.31	8.42	8.37	9.20
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	8.30	8.39	8.34	9.20
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	8.32	8.46	8.40	9.20

【FR1 n78 (27Q)___FCC_Part 27Q (3450~3550MHz)_Ant
3_DSII7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		8.54		9.20
100	PI/2 BPSK	1	137		8.26		9.20
100	PI/2 BPSK	1	271		8.28		9.20
100	PI/2 BPSK	135	0		8.19		9.20
100	PI/2 BPSK	135	69		8.47		9.20
100	PI/2 BPSK	135	138		8.27		9.20
100	PI/2 BPSK	270	0		8.21		9.20
100	QPSK	1	1		8.33		9.20
100	QPSK	1	137		8.35		9.20

100	QPSK	1	271		8.42		9.20
100	QPSK	135	0		8.07		9.20
100	QPSK	135	69		8.19		9.20
100	QPSK	135	138		8.34		9.20
100	QPSK	270	0		8.31		9.20
100	16QAM	1	1		8.29		9.20
100	64QAM	1	1		8.33		9.20
100	256QAM	1	1		8.17		9.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	8.36	8.43	8.41	9.20
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	8.29	8.35	8.34	9.20
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	8.25	8.38	8.36	9.20
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	8.33	8.42	8.35	9.20
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	8.30	8.32	8.27	9.20
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	8.25	8.33	8.28	9.20
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	8.27	8.39	8.40	9.20
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	8.25	8.42	8.27	9.20
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	8.31	8.40	8.35	9.20
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	8.31	8.40	8.36	9.20
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	8.30	8.28	8.36	9.20

【FR1 n78 (270)___FCC_Part 270 (3700~3800MHz)_Ant
3_DS17】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		8.60		9.20
100	PI/2 BPSK	1	137		8.28		9.20
100	PI/2 BPSK	1	271		8.38		9.20
100	PI/2 BPSK	135	0		8.31		9.20
100	PI/2 BPSK	135	69		8.59		9.20
100	PI/2 BPSK	135	138		8.44		9.20
100	PI/2 BPSK	270	0		8.36		9.20
100	QPSK	1	1		8.42		9.20
100	QPSK	1	137		8.61		9.20
100	QPSK	1	271		8.57		9.20
100	QPSK	135	0		8.33		9.20
100	QPSK	135	69		8.37		9.20
100	QPSK	135	138		8.41		9.20
100	QPSK	270	0		8.39		9.20
100	16QAM	1	1		8.35		9.20
100	64QAM	1	1		8.38		9.20
100	256QAM	1	1		8.35		9.20
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	8.41	8.53	8.46	9.20
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	8.29	8.39	8.33	9.20
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	8.39	8.50	8.42	9.20

Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	8.27	8.52	8.39	9.20
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	8.32	8.50	8.31	9.20
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	8.32	8.40	8.43	9.20
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	8.38	8.49	8.41	9.20
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	8.28	8.44	8.35	9.20
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	8.31	8.42	8.37	9.20
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	8.30	8.39	8.34	9.20
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	8.32	8.46	8.40	9.20

【FR1 n78 (27Q) _FCC_Part 27Q
(3450~3550MHz) _HPUE_Ant 3_DSI0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		11.32		12.20
100	PI/2 BPSK	1	137		10.99		12.20
100	PI/2 BPSK	1	271		11.02		12.20
100	PI/2 BPSK	135	0		10.98		12.20
100	PI/2 BPSK	135	69		11.31		12.20
100	PI/2 BPSK	135	138		10.96		12.20
100	PI/2 BPSK	270	0		11.04		12.20
100	QPSK	1	1		11.00		12.20
100	QPSK	1	137		11.06		12.20
100	QPSK	1	271		11.15		12.20
100	QPSK	135	0		10.82		12.20
100	QPSK	135	69		10.95		12.20
100	QPSK	135	138		11.13		12.20
100	QPSK	270	0		11.13		12.20
100	16QAM	1	1		11.01		12.20
100	64QAM	1	1		11.19		12.20
100	256QAM	1	1		10.84		12.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	11.19	11.23	11.05	12.20
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	11.09	11.08	10.91	12.20
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	11.16	11.15	10.91	12.20
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	11.14	11.21	10.98	12.20
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	11.17	11.12	11.02	12.20
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	11.18	11.16	10.90	12.20
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	11.05	11.20	10.97	12.20
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	11.14	11.10	11.00	12.20
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)

20	PI/2 BPSK	1	1	11.11	11.09	10.93	12.20
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	11.04	11.17	10.96	12.20
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	11.12	11.19	11.03	12.20

【FR1 n78 (270)_FCC_Part 270
(3700~3800MHz)_HPUE_Ant 3_DSI0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		11.58		12.20
100	PI/2 BPSK	1	137		11.25		12.20
100	PI/2 BPSK	1	271		11.30		12.20
100	PI/2 BPSK	135	0		11.08		12.20
100	PI/2 BPSK	135	69		11.44		12.20
100	PI/2 BPSK	135	138		11.32		12.20
100	PI/2 BPSK	270	0		11.28		12.20
100	QPSK	1	1		11.34		12.20
100	QPSK	1	137		11.47		12.20
100	QPSK	1	271		11.56		12.20
100	QPSK	135	0		11.25		12.20
100	QPSK	135	69		11.25		12.20
100	QPSK	135	138		11.41		12.20
100	QPSK	270	0		11.26		12.20
100	16QAM	1	1		11.25		12.20
100	64QAM	1	1		11.22		12.20
100	256QAM	1	1		11.15		12.20
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	11.35	11.46	11.29	12.20
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	11.32	11.37	11.18	12.20
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	11.26	11.40	11.24	12.20
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	11.31	11.37	11.14	12.20
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	11.30	11.34	11.25	12.20
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	11.25	11.36	11.27	12.20
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	11.31	11.36	11.28	12.20
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	11.24	11.43	11.18	12.20
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	11.23	11.43	11.22	12.20
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	11.31	11.38	11.27	12.20
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	11.31	11.38	11.23	12.20

【FR1 n78 (27Q)_FCC_Part 27Q
(3450~3550MHz)_HPUE_Ant 3_DSI7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		11.32		12.20
100	PI/2 BPSK	1	137		10.99		12.20
100	PI/2 BPSK	1	271		11.02		12.20
100	PI/2 BPSK	135	0		10.98		12.20
100	PI/2 BPSK	135	69		11.31		12.20
100	PI/2 BPSK	135	138		10.96		12.20
100	PI/2 BPSK	270	0		11.04		12.20
100	QPSK	1	1		11.00		12.20
100	QPSK	1	137		11.06		12.20
100	QPSK	1	271		11.15		12.20
100	QPSK	135	0		10.82		12.20
100	QPSK	135	69		10.95		12.20
100	QPSK	135	138		11.13		12.20
100	QPSK	270	0		11.13		12.20
100	16QAM	1	1		11.01		12.20
100	64QAM	1	1		11.19		12.20
100	256QAM	1	1		10.84		12.20
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	11.19	11.23	11.05	12.20
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	11.09	11.08	10.91	12.20
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	11.16	11.15	10.91	12.20
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	11.14	11.21	10.98	12.20
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	11.17	11.12	11.02	12.20
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	11.18	11.16	10.90	12.20
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	11.05	11.20	10.97	12.20
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	11.14	11.10	11.00	12.20
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	11.11	11.09	10.93	12.20
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	11.04	11.17	10.96	12.20
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	11.12	11.19	11.03	12.20

【FR1 n78 (27O)_FCC_Part 27O
(3700~3800MHz)_HPUE_Ant 3_DSI7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		11.58		12.20
100	PI/2 BPSK	1	137		11.25		12.20
100	PI/2 BPSK	1	271		11.30		12.20
100	PI/2 BPSK	135	0		11.08		12.20
100	PI/2 BPSK	135	69		11.44		12.20
100	PI/2 BPSK	135	138		11.32		12.20
100	PI/2 BPSK	270	0		11.28		12.20
100	QPSK	1	1		11.34		12.20
100	QPSK	1	137		11.47		12.20

100	QPSK	1	271		11.56		12.20
100	QPSK	135	0		11.25		12.20
100	QPSK	135	69		11.25		12.20
100	QPSK	135	138		11.41		12.20
100	QPSK	270	0		11.26		12.20
100	16QAM	1	1		11.25		12.20
100	64QAM	1	1		11.22		12.20
100	256QAM	1	1		11.15		12.20
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	11.35	11.46	11.29	12.20
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	11.32	11.37	11.18	12.20
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	11.26	11.40	11.24	12.20
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	11.31	11.37	11.14	12.20
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	11.30	11.34	11.25	12.20
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	11.25	11.36	11.27	12.20
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	11.31	11.36	11.28	12.20
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	11.24	11.43	11.18	12.20
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	11.23	11.43	11.22	12.20
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	11.31	11.38	11.27	12.20
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	11.31	11.38	11.23	12.20

【FR1 n78 (27Q) _FCC_Part 27Q (3450~3550MHz)_Ant 4_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		24.29		25.70
100	PI/2 BPSK	1	137		23.93		25.70
100	PI/2 BPSK	1	271		24.09		25.70
100	PI/2 BPSK	135	0		23.51		25.20
100	PI/2 BPSK	135	69		24.12		25.70
100	PI/2 BPSK	135	138		23.64		25.20
100	PI/2 BPSK	270	0		23.47		25.20
100	QPSK	1	1		24.07		25.70
100	QPSK	1	137		23.96		25.70
100	QPSK	1	271		23.94		25.70
100	QPSK	135	0		23.07		24.70
100	QPSK	135	69		24.09		25.70
100	QPSK	135	138		22.99		24.70
100	QPSK	270	0		23.06		24.70
100	16QAM	1	1		23.15		24.70
100	64QAM	1	1		21.65		23.20
100	256QAM	1	1		19.59		21.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	24.21	24.23	24.19	25.70
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	24.19	24.19	24.06	25.70
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	24.18	24.22	24.09	25.70

Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	24.13	24.16	24.05	25.70
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	24.15	24.08	24.15	25.70
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	24.20	24.12	24.17	25.70
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	24.18	24.17	24.11	25.70
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	24.17	24.21	24.10	25.70
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	24.19	24.21	24.04	25.70
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	24.17	24.13	24.13	25.70
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	24.10	24.13	24.04	25.70

【FR1 n78 (270)_FCC_Part 270 (3700~3800MHz)_Ant 4_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		24.44		25.70
100	PI/2 BPSK	1	137		24.15		25.70
100	PI/2 BPSK	1	271		24.21		25.70
100	PI/2 BPSK	135	0		23.83		25.20
100	PI/2 BPSK	135	69		24.29		25.70
100	PI/2 BPSK	135	138		23.89		25.20
100	PI/2 BPSK	270	0		23.79		25.20
100	QPSK	1	1		24.33		25.70
100	QPSK	1	137		24.20		25.70
100	QPSK	1	271		24.20		25.70
100	QPSK	135	0		23.21		24.70
100	QPSK	135	69		24.14		25.70
100	QPSK	135	138		23.30		24.70
100	QPSK	270	0		23.36		24.70
100	16QAM	1	1		23.28		24.70
100	64QAM	1	1		21.76		23.20
100	256QAM	1	1		19.86		21.20
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	24.36	24.42	24.31	25.70
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	24.24	24.35	24.24	25.70
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	24.24	24.36	24.27	25.70
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	24.33	24.40	24.23	25.70
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	24.22	24.27	24.29	25.70
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	24.31	24.31	24.28	25.70
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	24.34	24.29	24.22	25.70
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	24.23	24.33	24.26	25.70
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)

20	PI/2 BPSK	1	1	24.35	24.35	24.25	25.70
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	24.24	24.28	24.30	25.70
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	24.26	24.27	24.27	25.70

【FR1 n78 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_Ant 4_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		24.29		25.70
100	PI/2 BPSK	1	137		23.93		25.70
100	PI/2 BPSK	1	271		24.09		25.70
100	PI/2 BPSK	135	0		23.51		25.20
100	PI/2 BPSK	135	69		24.12		25.70
100	PI/2 BPSK	135	138		23.64		25.20
100	PI/2 BPSK	270	0		23.47		25.20
100	QPSK	1	1		24.07		25.70
100	QPSK	1	137		23.96		25.70
100	QPSK	1	271		23.94		25.70
100	QPSK	135	0		23.07		24.70
100	QPSK	135	69		24.09		25.70
100	QPSK	135	138		22.99		24.70
100	QPSK	270	0		23.06		24.70
100	16QAM	1	1		23.15		24.70
100	64QAM	1	1		21.65		23.20
100	256QAM	1	1		19.59		21.20
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	24.21	24.23	24.19	25.70
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	24.19	24.19	24.06	25.70
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	24.18	24.22	24.09	25.70
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	24.13	24.16	24.05	25.70
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	24.15	24.08	24.15	25.70
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	24.20	24.12	24.17	25.70
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	24.18	24.17	24.11	25.70
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	24.17	24.21	24.10	25.70
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	24.19	24.21	24.04	25.70
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	24.17	24.13	24.13	25.70
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	24.10	24.13	24.04	25.70

【FR1 n78 (270)_FCC_Part 270
(3700~3800MHz)_HPUE_Ant 4_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		24.44		25.70
100	PI/2 BPSK	1	137		24.15		25.70
100	PI/2 BPSK	1	271		24.21		25.70
100	PI/2 BPSK	135	0		23.83		25.20
100	PI/2 BPSK	135	69		24.29		25.70
100	PI/2 BPSK	135	138		23.89		25.20
100	PI/2 BPSK	270	0		23.79		25.20
100	QPSK	1	1		24.33		25.70
100	QPSK	1	137		24.20		25.70
100	QPSK	1	271		24.20		25.70
100	QPSK	135	0		23.21		24.70
100	QPSK	135	69		24.14		25.70
100	QPSK	135	138		23.30		24.70
100	QPSK	270	0		23.36		24.70
100	16QAM	1	1		23.28		24.70
100	64QAM	1	1		21.76		23.20
100	256QAM	1	1		19.86		21.20
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	24.36	24.42	24.31	25.70
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	24.24	24.35	24.24	25.70
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	24.24	24.36	24.27	25.70
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	24.33	24.40	24.23	25.70
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	24.22	24.27	24.29	25.70
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	24.31	24.31	24.28	25.70
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	24.34	24.29	24.22	25.70
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	24.23	24.33	24.26	25.70
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	24.35	24.35	24.25	25.70
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	24.24	24.28	24.30	25.70
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	24.26	24.27	24.27	25.70

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant
4_DSIO】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		14.97		15.20
100	PI/2 BPSK	1	137		14.71		15.20
100	PI/2 BPSK	1	271		14.72		15.20
100	PI/2 BPSK	135	0		14.58		15.20
100	PI/2 BPSK	135	69		14.83		15.20
100	PI/2 BPSK	135	138		14.81		15.20
100	PI/2 BPSK	270	0		14.79		15.20
100	QPSK	1	1		14.86		15.20
100	QPSK	1	137		14.94		15.20

100	QPSK	1	271		14.92		15.20
100	QPSK	135	0		14.49		15.20
100	QPSK	135	69		14.78		15.20
100	QPSK	135	138		14.77		15.20
100	QPSK	270	0		14.64		15.20
100	16QAM	1	1		14.70		15.20
100	64QAM	1	1		14.72		15.20
100	256QAM	1	1		14.65		15.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	14.77	14.86	14.72	15.20
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	14.71	14.73	14.63	15.20
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	14.62	14.76	14.59	15.20
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	14.70	14.79	14.62	15.20
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	14.75	14.78	14.70	15.20
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	14.70	14.80	14.63	15.20
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	14.74	14.76	14.68	15.20
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	14.73	14.82	14.65	15.20
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	14.69	14.84	14.64	15.20
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	14.72	14.77	14.65	15.20
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	14.75	14.85	14.59	15.20

【FR1 n78 (270)___FCC_Part 270 (3700~3800MHz)_Ant
4_DSI0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		14.80		15.20
100	PI/2 BPSK	1	137		14.67		15.20
100	PI/2 BPSK	1	271		14.73		15.20
100	PI/2 BPSK	135	0		14.56		15.20
100	PI/2 BPSK	135	69		14.82		15.20
100	PI/2 BPSK	135	138		14.59		15.20
100	PI/2 BPSK	270	0		14.60		15.20
100	QPSK	1	1		14.77		15.20
100	QPSK	1	137		14.70		15.20
100	QPSK	1	271		14.81		15.20
100	QPSK	135	0		14.54		15.20
100	QPSK	135	69		14.71		15.20
100	QPSK	135	138		14.60		15.20
100	QPSK	270	0		14.67		15.20
100	16QAM	1	1		14.62		15.20
100	64QAM	1	1		14.62		15.20
100	256QAM	1	1		14.67		15.20
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	14.69	14.76	14.59	15.20
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	14.60	14.66	14.55	15.20
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	14.67	14.61	14.47	15.20

Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	14.66	14.73	14.58	15.20
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	14.57	14.64	14.55	15.20
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	14.62	14.73	14.57	15.20
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	14.61	14.71	14.49	15.20
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	14.67	14.73	14.47	15.20
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	14.56	14.74	14.47	15.20
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	14.59	14.72	14.45	15.20
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	14.60	14.71	14.44	15.20

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant
4_DSI7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		14.97		15.20
100	PI/2 BPSK	1	137		14.71		15.20
100	PI/2 BPSK	1	271		14.72		15.20
100	PI/2 BPSK	135	0		14.58		15.20
100	PI/2 BPSK	135	69		14.83		15.20
100	PI/2 BPSK	135	138		14.81		15.20
100	PI/2 BPSK	270	0		14.79		15.20
100	QPSK	1	1		14.86		15.20
100	QPSK	1	137		14.94		15.20
100	QPSK	1	271		14.92		15.20
100	QPSK	135	0		14.49		15.20
100	QPSK	135	69		14.78		15.20
100	QPSK	135	138		14.77		15.20
100	QPSK	270	0		14.64		15.20
100	16QAM	1	1		14.70		15.20
100	64QAM	1	1		14.72		15.20
100	256QAM	1	1		14.65		15.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	14.77	14.86	14.72	15.20
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	14.71	14.73	14.63	15.20
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	14.62	14.76	14.59	15.20
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	14.70	14.79	14.62	15.20
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	14.75	14.78	14.70	15.20
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	14.70	14.80	14.63	15.20
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	14.74	14.76	14.68	15.20
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	14.73	14.82	14.65	15.20
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)



20	PI/2 BPSK	1	1	14.69	14.84	14.64	15.20
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	14.72	14.77	14.65	15.20
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	14.75	14.85	14.59	15.20

【FR1 n78 (270)_FCC_Part 270 (3700~3800MHz)_Ant
4_DSI7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		14.80		15.20
100	PI/2 BPSK	1	137		14.67		15.20
100	PI/2 BPSK	1	271		14.73		15.20
100	PI/2 BPSK	135	0		14.56		15.20
100	PI/2 BPSK	135	69		14.82		15.20
100	PI/2 BPSK	135	138		14.59		15.20
100	PI/2 BPSK	270	0		14.60		15.20
100	QPSK	1	1		14.77		15.20
100	QPSK	1	137		14.70		15.20
100	QPSK	1	271		14.81		15.20
100	QPSK	135	0		14.54		15.20
100	QPSK	135	69		14.71		15.20
100	QPSK	135	138		14.60		15.20
100	QPSK	270	0		14.67		15.20
100	16QAM	1	1		14.62		15.20
100	64QAM	1	1		14.62		15.20
100	256QAM	1	1		14.67		15.20
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	14.69	14.76	14.59	15.20
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	14.60	14.66	14.55	15.20
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	14.67	14.61	14.47	15.20
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	14.66	14.73	14.58	15.20
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	14.57	14.64	14.55	15.20
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	14.62	14.73	14.57	15.20
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	14.61	14.71	14.49	15.20
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	14.67	14.73	14.47	15.20
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	14.56	14.74	14.47	15.20
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	14.59	14.72	14.45	15.20
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	14.60	14.71	14.44	15.20

【FR1 n78 (27Q)_FCC_Part 27Q
(3450~3550MHz)_HPUE_Ant 4_DSI0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		17.65		18.20
100	PI/2 BPSK	1	137		17.40		18.20
100	PI/2 BPSK	1	271		17.48		18.20
100	PI/2 BPSK	135	0		17.28		18.20
100	PI/2 BPSK	135	69		17.58		18.20
100	PI/2 BPSK	135	138		17.50		18.20
100	PI/2 BPSK	270	0		17.46		18.20
100	QPSK	1	1		17.63		18.20
100	QPSK	1	137		17.77		18.20
100	QPSK	1	271		17.68		18.20
100	QPSK	135	0		17.21		18.20
100	QPSK	135	69		17.45		18.20
100	QPSK	135	138		17.41		18.20
100	QPSK	270	0		17.38		18.20
100	16QAM	1	1		17.50		18.20
100	64QAM	1	1		17.55		18.20
100	256QAM	1	1		17.43		18.20
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	17.42	17.53	17.37	18.20
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	17.29	17.46	17.23	18.20
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	17.28	17.46	17.28	18.20
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	17.39	17.51	17.32	18.20
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	17.29	17.43	17.29	18.20
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	17.38	17.42	17.34	18.20
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	17.38	17.47	17.30	18.20
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	17.32	17.47	17.35	18.20
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	17.35	17.48	17.25	18.20
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	17.35	17.47	17.28	18.20
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	17.27	17.46	17.35	18.20

【FR1 n78 (27O)_FCC_Part 27O
(3700~3800MHz)_HPUE_Ant 4_DSI0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		17.43		18.20
100	PI/2 BPSK	1	137		17.41		18.20
100	PI/2 BPSK	1	271		17.40		18.20
100	PI/2 BPSK	135	0		17.24		18.20
100	PI/2 BPSK	135	69		17.42		18.20
100	PI/2 BPSK	135	138		17.23		18.20
100	PI/2 BPSK	270	0		17.36		18.20
100	QPSK	1	1		17.48		18.20
100	QPSK	1	137		17.32		18.20

100	QPSK	1	271		17.48		18.20
100	QPSK	135	0		17.24		18.20
100	QPSK	135	69		17.46		18.20
100	QPSK	135	138		17.32		18.20
100	QPSK	270	0		17.41		18.20
100	16QAM	1	1		17.30		18.20
100	64QAM	1	1		17.21		18.20
100	256QAM	1	1		17.25		18.20
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	17.36	17.38	17.34	18.20
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	17.24	17.26	17.31	18.20
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	17.33	17.32	17.26	18.20
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	17.26	17.32	17.29	18.20
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	17.22	17.23	17.30	18.20
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	17.35	17.33	17.23	18.20
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	17.26	17.37	17.28	18.20
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	17.25	17.34	17.32	18.20
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	17.32	17.30	17.22	18.20
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	17.28	17.32	17.27	18.20
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	17.25	17.29	17.29	18.20

【FR1 n78 (27Q)_FCC_Part 27Q
(3450~3550MHz)_HPUE_Ant 4_DS17】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		17.65		18.20
100	PI/2 BPSK	1	137		17.40		18.20
100	PI/2 BPSK	1	271		17.48		18.20
100	PI/2 BPSK	135	0		17.28		18.20
100	PI/2 BPSK	135	69		17.58		18.20
100	PI/2 BPSK	135	138		17.50		18.20
100	PI/2 BPSK	270	0		17.46		18.20
100	QPSK	1	1		17.63		18.20
100	QPSK	1	137		17.77		18.20
100	QPSK	1	271		17.68		18.20
100	QPSK	135	0		17.21		18.20
100	QPSK	135	69		17.45		18.20
100	QPSK	135	138		17.41		18.20
100	QPSK	270	0		17.38		18.20
100	16QAM	1	1		17.50		18.20
100	64QAM	1	1		17.55		18.20
100	256QAM	1	1		17.43		18.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	17.42	17.53	17.37	18.20
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	17.29	17.46	17.23	18.20
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	17.28	17.46	17.28	18.20

Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	17.39	17.51	17.32	18.20
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	17.29	17.43	17.29	18.20
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	17.38	17.42	17.34	18.20
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	17.38	17.47	17.30	18.20
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	17.32	17.47	17.35	18.20
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	17.35	17.48	17.25	18.20
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	17.35	17.47	17.28	18.20
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	17.27	17.46	17.35	18.20

【FR1 n78 (270) _FCC_Part 270
(3700~3800MHz) _HPUE_Ant 4_DSI7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		17.43		18.20
100	PI/2 BPSK	1	137		17.41		18.20
100	PI/2 BPSK	1	271		17.40		18.20
100	PI/2 BPSK	135	0		17.24		18.20
100	PI/2 BPSK	135	69		17.42		18.20
100	PI/2 BPSK	135	138		17.23		18.20
100	PI/2 BPSK	270	0		17.36		18.20
100	QPSK	1	1		17.48		18.20
100	QPSK	1	137		17.32		18.20
100	QPSK	1	271		17.48		18.20
100	QPSK	135	0		17.24		18.20
100	QPSK	135	69		17.46		18.20
100	QPSK	135	138		17.32		18.20
100	QPSK	270	0		17.41		18.20
100	16QAM	1	1		17.30		18.20
100	64QAM	1	1		17.21		18.20
100	256QAM	1	1		17.25		18.20
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	17.36	17.38	17.34	18.20
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	17.24	17.26	17.31	18.20
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	17.33	17.32	17.26	18.20
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	17.26	17.32	17.29	18.20
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	17.22	17.23	17.30	18.20
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	17.35	17.33	17.23	18.20
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	17.26	17.37	17.28	18.20
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	17.25	17.34	17.32	18.20
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)

20	PI/2 BPSK	1	1	17.32	17.30	17.22	18.20
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	17.28	17.32	17.27	18.20
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	17.25	17.29	17.29	18.20

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 8_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		24.03		25.70
100	PI/2 BPSK	1	137		23.96		25.70
100	PI/2 BPSK	1	271		23.93		25.70
100	PI/2 BPSK	135	0		23.36		25.20
100	PI/2 BPSK	135	69		23.86		25.70
100	PI/2 BPSK	135	138		23.38		25.20
100	PI/2 BPSK	270	0		23.59		25.20
100	QPSK	1	1		23.84		25.70
100	QPSK	1	137		23.97		25.70
100	QPSK	1	271		24.01		25.70
100	QPSK	135	0		23.00		24.70
100	QPSK	135	69		23.83		25.70
100	QPSK	135	138		22.88		24.70
100	QPSK	270	0		22.94		24.70
100	16QAM	1	1		22.82		24.70
100	64QAM	1	1		21.42		23.20
100	256QAM	1	1		19.39		21.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	23.95	23.96	23.89	25.70
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	23.94	23.92	23.86	25.70
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	23.93	23.87	23.80	25.70
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	23.92	23.84	23.81	25.70
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	23.82	23.90	23.80	25.70
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	23.93	23.83	23.80	25.70
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	23.94	23.92	23.77	25.70
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	23.82	23.92	23.84	25.70
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	23.88	23.84	23.84	25.70
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	23.82	23.83	23.88	25.70
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	23.84	23.89	23.86	25.70

【FR1 n78 (270)_FCC_Part 270 (3700~3800MHz)_Ant 8_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		23.97		25.70
100	PI/2 BPSK	1	137		23.93		25.70
100	PI/2 BPSK	1	271		23.94		25.70
100	PI/2 BPSK	135	0		23.45		25.20
100	PI/2 BPSK	135	69		23.94		25.70
100	PI/2 BPSK	135	138		23.46		25.20
100	PI/2 BPSK	270	0		23.46		25.20
100	QPSK	1	1		23.97		25.70
100	QPSK	1	137		23.93		25.70
100	QPSK	1	271		23.99		25.70
100	QPSK	135	0		23.09		24.70
100	QPSK	135	69		24.00		25.70
100	QPSK	135	138		22.87		24.70
100	QPSK	270	0		23.07		24.70
100	16QAM	1	1		22.87		24.70
100	64QAM	1	1		21.53		23.20
100	256QAM	1	1		19.42		21.20
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	23.84	23.89	23.83	25.70
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	23.82	23.75	23.74	25.70
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	23.81	23.78	23.72	25.70
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	23.70	23.75	23.81	25.70
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	23.76	23.86	23.81	25.70
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	23.80	23.83	23.70	25.70
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	23.80	23.78	23.71	25.70
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	23.71	23.85	23.78	25.70
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	23.82	23.75	23.80	25.70
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	23.79	23.83	23.81	25.70
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	23.81	23.75	23.79	25.70

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 8_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		24.03		25.70
100	PI/2 BPSK	1	137		23.96		25.70
100	PI/2 BPSK	1	271		23.93		25.70
100	PI/2 BPSK	135	0		23.36		25.20
100	PI/2 BPSK	135	69		23.86		25.70
100	PI/2 BPSK	135	138		23.38		25.20
100	PI/2 BPSK	270	0		23.59		25.20
100	QPSK	1	1		23.84		25.70
100	QPSK	1	137		23.97		25.70

100	QPSK	1	271		24.01		25.70
100	QPSK	135	0		23.00		24.70
100	QPSK	135	69		23.83		25.70
100	QPSK	135	138		22.88		24.70
100	QPSK	270	0		22.94		24.70
100	16QAM	1	1		22.82		24.70
100	64QAM	1	1		21.42		23.20
100	256QAM	1	1		19.39		21.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	23.95	23.96	23.89	25.70
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	23.94	23.92	23.86	25.70
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	23.93	23.87	23.80	25.70
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	23.92	23.84	23.81	25.70
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	23.82	23.90	23.80	25.70
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	23.93	23.83	23.80	25.70
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	23.94	23.92	23.77	25.70
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	23.82	23.92	23.84	25.70
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	23.88	23.84	23.84	25.70
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	23.82	23.83	23.88	25.70
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	23.84	23.89	23.86	25.70

【FR1 n78 (270)_FCC_Part 270
(3700~3800MHz)_HPUE_Ant 8_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		23.97		25.70
100	PI/2 BPSK	1	137		23.93		25.70
100	PI/2 BPSK	1	271		23.94		25.70
100	PI/2 BPSK	135	0		23.45		25.20
100	PI/2 BPSK	135	69		23.94		25.70
100	PI/2 BPSK	135	138		23.46		25.20
100	PI/2 BPSK	270	0		23.46		25.20
100	QPSK	1	1		23.97		25.70
100	QPSK	1	137		23.93		25.70
100	QPSK	1	271		23.99		25.70
100	QPSK	135	0		23.09		24.70
100	QPSK	135	69		24.00		25.70
100	QPSK	135	138		22.87		24.70
100	QPSK	270	0		23.07		24.70
100	16QAM	1	1		22.87		24.70
100	64QAM	1	1		21.53		23.20
100	256QAM	1	1		19.42		21.20
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	23.84	23.89	23.83	25.70
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	23.82	23.75	23.74	25.70
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	23.81	23.78	23.72	25.70

Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	23.70	23.75	23.81	25.70
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	23.76	23.86	23.81	25.70
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	23.80	23.83	23.70	25.70
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	23.80	23.78	23.71	25.70
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	23.71	23.85	23.78	25.70
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	23.82	23.75	23.80	25.70
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	23.79	23.83	23.81	25.70
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	23.81	23.75	23.79	25.70

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant
8_DSI0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		24.03		25.70
100	PI/2 BPSK	1	137		23.96		25.70
100	PI/2 BPSK	1	271		23.93		25.70
100	PI/2 BPSK	135	0		23.36		25.20
100	PI/2 BPSK	135	69		23.86		25.70
100	PI/2 BPSK	135	138		23.38		25.20
100	PI/2 BPSK	270	0		23.59		25.20
100	QPSK	1	1		23.84		25.70
100	QPSK	1	137		23.97		25.70
100	QPSK	1	271		24.01		25.70
100	QPSK	135	0		23.00		24.70
100	QPSK	135	69		23.83		25.70
100	QPSK	135	138		22.88		24.70
100	QPSK	270	0		22.94		24.70
100	16QAM	1	1		22.82		24.70
100	64QAM	1	1		21.42		23.20
100	256QAM	1	1		19.39		21.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	23.95	23.96	23.89	25.70
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	23.94	23.92	23.86	25.70
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	23.93	23.87	23.80	25.70
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	23.92	23.84	23.81	25.70
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	23.82	23.90	23.80	25.70
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	23.93	23.83	23.80	25.70
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	23.94	23.92	23.77	25.70
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	23.82	23.92	23.84	25.70
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)



20	PI/2 BPSK	1	1	23.88	23.84	23.84	25.70
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	23.82	23.83	23.88	25.70
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	23.84	23.89	23.86	25.70

【FR1 n78 (270)_FCC_Part 270 (3700~3800MHz)_Ant
8_DSI0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		23.97		25.70
100	PI/2 BPSK	1	137		23.93		25.70
100	PI/2 BPSK	1	271		23.94		25.70
100	PI/2 BPSK	135	0		23.45		25.20
100	PI/2 BPSK	135	69		23.94		25.70
100	PI/2 BPSK	135	138		23.46		25.20
100	PI/2 BPSK	270	0		23.46		25.20
100	QPSK	1	1		23.97		25.70
100	QPSK	1	137		23.93		25.70
100	QPSK	1	271		23.99		25.70
100	QPSK	135	0		23.09		24.70
100	QPSK	135	69		24.00		25.70
100	QPSK	135	138		22.87		24.70
100	QPSK	270	0		23.07		24.70
100	16QAM	1	1		22.87		24.70
100	64QAM	1	1		21.53		23.20
100	256QAM	1	1		19.42		21.20
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	23.84	23.89	23.83	25.70
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	23.82	23.75	23.74	25.70
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	23.81	23.78	23.72	25.70
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	23.70	23.75	23.81	25.70
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	23.76	23.86	23.81	25.70
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	23.80	23.83	23.70	25.70
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	23.80	23.78	23.71	25.70
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	23.71	23.85	23.78	25.70
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	23.82	23.75	23.80	25.70
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	23.79	23.83	23.81	25.70
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	23.81	23.75	23.79	25.70

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant
8_DSI7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		12.86		13.60
100	PI/2 BPSK	1	137		12.67		13.60
100	PI/2 BPSK	1	271		12.76		13.60
100	PI/2 BPSK	135	0		12.77		13.60
100	PI/2 BPSK	135	69		12.97		13.60
100	PI/2 BPSK	135	138		12.81		13.60
100	PI/2 BPSK	270	0		12.68		13.60
100	QPSK	1	1		12.96		13.60
100	QPSK	1	137		12.81		13.60
100	QPSK	1	271		12.77		13.60
100	QPSK	135	0		12.56		13.60
100	QPSK	135	69		12.63		13.60
100	QPSK	135	138		12.61		13.60
100	QPSK	270	0		12.68		13.60
100	16QAM	1	1		12.58		13.60
100	64QAM	1	1		12.56		13.60
100	256QAM	1	1		12.80		13.60
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	12.71	12.76	12.69	13.60
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	12.59	12.75	12.58	13.60
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	12.69	12.71	12.57	13.60
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	12.62	12.64	12.57	13.60
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	12.68	12.71	12.54	13.60
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	12.59	12.62	12.55	13.60
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	12.56	12.61	12.57	13.60
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	12.70	12.72	12.55	13.60
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	12.69	12.73	12.66	13.60
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	12.63	12.64	12.64	13.60
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	12.57	12.66	12.62	13.60

【FR1 n78 (270)_FCC_Part 270 (3700~3800MHz)_Ant
8_DSI7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		13.03		13.60
100	PI/2 BPSK	1	137		12.82		13.60
100	PI/2 BPSK	1	271		12.75		13.60
100	PI/2 BPSK	135	0		12.69		13.60
100	PI/2 BPSK	135	69		12.76		13.60
100	PI/2 BPSK	135	138		12.63		13.60
100	PI/2 BPSK	270	0		12.66		13.60
100	QPSK	1	1		12.75		13.60
100	QPSK	1	137		12.88		13.60
100	QPSK	1	271		12.79		13.60
100	QPSK	135	0		12.61		13.60
100	QPSK	135	69		12.69		13.60
100	QPSK	135	138		12.57		13.60
100	QPSK	270	0		12.51		13.60
100	16QAM	1	1		12.72		13.60
100	64QAM	1	1		12.68		13.60
100	256QAM	1	1		12.63		13.60
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	12.82	12.96	12.88	13.60
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	12.79	12.91	12.81	13.60
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	12.67	12.86	12.86	13.60
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	12.73	12.88	12.85	13.60
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	12.67	12.94	12.85	13.60
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	12.80	12.94	12.74	13.60
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	12.75	12.92	12.83	13.60
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	12.69	12.87	12.77	13.60
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	12.70	12.88	12.80	13.60
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	12.68	12.82	12.74	13.60
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	12.70	12.91	12.79	13.60

【FR1 n78 (27Q)_FCC_Part 27Q
(3450~3550MHz)_HPUE_Ant 8_DSI0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		24.03		25.70
100	PI/2 BPSK	1	137		23.96		25.70
100	PI/2 BPSK	1	271		23.93		25.70
100	PI/2 BPSK	135	0		23.36		25.20
100	PI/2 BPSK	135	69		23.86		25.70
100	PI/2 BPSK	135	138		23.38		25.20
100	PI/2 BPSK	270	0		23.59		25.20
100	QPSK	1	1		23.84		25.70
100	QPSK	1	137		23.97		25.70

100	QPSK	1	271		24.01		25.70
100	QPSK	135	0		23.00		24.70
100	QPSK	135	69		23.83		25.70
100	QPSK	135	138		22.88		24.70
100	QPSK	270	0		22.94		24.70
100	16QAM	1	1		22.82		24.70
100	64QAM	1	1		21.42		23.20
100	256QAM	1	1		19.39		21.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	23.95	23.96	23.89	25.70
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	23.94	23.92	23.86	25.70
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	23.93	23.87	23.80	25.70
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	23.92	23.84	23.81	25.70
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	23.82	23.90	23.80	25.70
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	23.93	23.83	23.80	25.70
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	23.94	23.92	23.77	25.70
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	23.82	23.92	23.84	25.70
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	23.88	23.84	23.84	25.70
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	23.82	23.83	23.88	25.70
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	23.84	23.89	23.86	25.70

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

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		23.97		25.70
100	PI/2 BPSK	1	137		23.93		25.70
100	PI/2 BPSK	1	271		23.94		25.70
100	PI/2 BPSK	135	0		23.45		25.20
100	PI/2 BPSK	135	69		23.94		25.70
100	PI/2 BPSK	135	138		23.46		25.20
100	PI/2 BPSK	270	0		23.46		25.20
100	QPSK	1	1		23.97		25.70
100	QPSK	1	137		23.93		25.70
100	QPSK	1	271		23.99		25.70
100	QPSK	135	0		23.09		24.70
100	QPSK	135	69		24.00		25.70
100	QPSK	135	138		22.87		24.70
100	QPSK	270	0		23.07		24.70
100	16QAM	1	1		22.87		24.70
100	64QAM	1	1		21.53		23.20
100	256QAM	1	1		19.42		21.20
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	23.84	23.89	23.83	25.70
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	23.82	23.75	23.74	25.70
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	23.81	23.78	23.72	25.70

Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	23.70	23.75	23.81	25.70
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	23.76	23.86	23.81	25.70
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	23.80	23.83	23.70	25.70
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	23.80	23.78	23.71	25.70
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	23.71	23.85	23.78	25.70
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	23.82	23.75	23.80	25.70
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	23.79	23.83	23.81	25.70
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	23.81	23.75	23.79	25.70

【FR1 n78 (27Q) _FCC_Part 27Q
(3450~3550MHz) _HPUE_Ant 8_DSI7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		15.83		16.60
100	PI/2 BPSK	1	137		15.58		16.60
100	PI/2 BPSK	1	271		15.68		16.60
100	PI/2 BPSK	135	0		15.70		16.60
100	PI/2 BPSK	135	69		15.92		16.60
100	PI/2 BPSK	135	138		15.82		16.60
100	PI/2 BPSK	270	0		15.58		16.60
100	QPSK	1	1		16.03		16.60
100	QPSK	1	137		15.86		16.60
100	QPSK	1	271		15.79		16.60
100	QPSK	135	0		15.43		16.60
100	QPSK	135	69		15.62		16.60
100	QPSK	135	138		15.68		16.60
100	QPSK	270	0		15.57		16.60
100	16QAM	1	1		15.51		16.60
100	64QAM	1	1		15.53		16.60
100	256QAM	1	1		15.78		16.60
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	15.72	15.76	15.69	16.60
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	15.70	15.71	15.58	16.60
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	15.67	15.65	15.57	16.60
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	15.64	15.62	15.60	16.60
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	15.59	15.63	15.64	16.60
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	15.66	15.69	15.63	16.60
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	15.59	15.62	15.57	16.60
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	15.67	15.69	15.63	16.60
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)

20	PI/2 BPSK	1	1	15.69	15.69	15.61	16.60
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	15.58	15.73	15.67	16.60
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	15.62	15.64	15.65	16.60

【FR1 n78 (270)_FCC_Part 270
(3700~3800MHz)_HPUE_Ant 8_DSI7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		15.97		16.60
100	PI/2 BPSK	1	137		15.78		16.60
100	PI/2 BPSK	1	271		15.70		16.60
100	PI/2 BPSK	135	0		15.54		16.60
100	PI/2 BPSK	135	69		15.67		16.60
100	PI/2 BPSK	135	138		15.53		16.60
100	PI/2 BPSK	270	0		15.53		16.60
100	QPSK	1	1		15.52		16.60
100	QPSK	1	137		15.84		16.60
100	QPSK	1	271		15.64		16.60
100	QPSK	135	0		15.52		16.60
100	QPSK	135	69		15.63		16.60
100	QPSK	135	138		15.47		16.60
100	QPSK	270	0		15.39		16.60
100	16QAM	1	1		15.61		16.60
100	64QAM	1	1		15.64		16.60
100	256QAM	1	1		15.59		16.60
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	15.73	15.86	15.77	16.60
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	15.60	15.80	15.75	16.60
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	15.62	15.79	15.63	16.60
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	15.64	15.79	15.65	16.60
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	15.61	15.77	15.73	16.60
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	15.63	15.80	15.76	16.60
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	15.71	15.79	15.69	16.60
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	15.60	15.79	15.73	16.60
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	15.58	15.72	15.72	16.60
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	15.68	15.73	15.65	16.60
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	15.60	15.78	15.63	16.60

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 9_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		24.67		25.70
100	PI/2 BPSK	1	137		24.64		25.70
100	PI/2 BPSK	1	271		24.51		25.70
100	PI/2 BPSK	135	0		24.37		25.20
100	PI/2 BPSK	135	69		24.66		25.70
100	PI/2 BPSK	135	138		24.13		25.20
100	PI/2 BPSK	270	0		24.04		25.20
100	QPSK	1	1		24.46		25.70
100	QPSK	1	137		24.48		25.70
100	QPSK	1	271		24.41		25.70
100	QPSK	135	0		23.63		24.70
100	QPSK	135	69		24.48		25.70
100	QPSK	135	138		23.56		24.70
100	QPSK	270	0		23.63		24.70
100	16QAM	1	1		23.69		24.70
100	64QAM	1	1		22.05		23.20
100	256QAM	1	1		19.98		21.20
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	24.46	24.53	24.51	25.70
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	24.41	24.50	24.44	25.70
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	24.43	24.44	24.46	25.70
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	24.39	24.49	24.37	25.70
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	24.38	24.48	24.50	25.70
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	24.42	24.49	24.42	25.70
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	24.44	24.42	24.45	25.70
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	24.42	24.40	24.48	25.70
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	24.37	24.43	24.46	25.70
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	24.39	24.49	24.40	25.70
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	24.35	24.49	24.46	25.70

【FR1 n78 (27O)_FCC_Part 27O (3700~3800MHz)_Ant 9_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		24.36		25.70
100	PI/2 BPSK	1	137		24.20		25.70
100	PI/2 BPSK	1	271		24.28		25.70
100	PI/2 BPSK	135	0		24.07		25.20
100	PI/2 BPSK	135	69		24.25		25.70
100	PI/2 BPSK	135	138		23.85		25.20
100	PI/2 BPSK	270	0		23.88		25.20
100	QPSK	1	1		24.30		25.70
100	QPSK	1	137		24.15		25.70

100	QPSK	1	271		24.30		25.70
100	QPSK	135	0		23.33		24.70
100	QPSK	135	69		24.24		25.70
100	QPSK	135	138		23.28		24.70
100	QPSK	270	0		23.34		24.70
100	16QAM	1	1		23.30		24.70
100	64QAM	1	1		21.79		23.20
100	256QAM	1	1		19.74		21.20
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	24.23	24.26	24.21	25.70
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	24.12	24.21	24.07	25.70
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	24.12	24.13	24.20	25.70
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	24.20	24.20	24.10	25.70
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	24.16	24.16	24.13	25.70
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	24.16	24.18	24.20	25.70
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	24.11	24.18	24.19	25.70
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	24.14	24.14	24.16	25.70
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	24.16	24.22	24.14	25.70
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	24.20	24.16	24.20	25.70
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	24.20	24.23	24.13	25.70

【FR1 n78 (27Q)_FCC_Part 27Q
(3450~3550MHz)_HPUE_Ant 9_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		24.67		25.70
100	PI/2 BPSK	1	137		24.64		25.70
100	PI/2 BPSK	1	271		24.51		25.70
100	PI/2 BPSK	135	0		24.37		25.20
100	PI/2 BPSK	135	69		24.66		25.70
100	PI/2 BPSK	135	138		24.13		25.20
100	PI/2 BPSK	270	0		24.04		25.20
100	QPSK	1	1		24.46		25.70
100	QPSK	1	137		24.48		25.70
100	QPSK	1	271		24.41		25.70
100	QPSK	135	0		23.63		24.70
100	QPSK	135	69		24.48		25.70
100	QPSK	135	138		23.56		24.70
100	QPSK	270	0		23.63		24.70
100	16QAM	1	1		23.69		24.70
100	64QAM	1	1		22.05		23.20
100	256QAM	1	1		19.98		21.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	24.46	24.53	24.51	25.70
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	24.41	24.50	24.44	25.70
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	24.43	24.44	24.46	25.70

Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	24.39	24.49	24.37	25.70
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	24.38	24.48	24.50	25.70
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	24.42	24.49	24.42	25.70
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	24.44	24.42	24.45	25.70
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	24.42	24.40	24.48	25.70
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	24.37	24.43	24.46	25.70
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	24.39	24.49	24.40	25.70
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	24.35	24.49	24.46	25.70

【FR1 n78 (270) _FCC_Part 270
(3700~3800MHz) _HPUE_Ant 9_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		24.36		25.70
100	PI/2 BPSK	1	137		24.20		25.70
100	PI/2 BPSK	1	271		24.28		25.70
100	PI/2 BPSK	135	0		24.07		25.20
100	PI/2 BPSK	135	69		24.25		25.70
100	PI/2 BPSK	135	138		23.85		25.20
100	PI/2 BPSK	270	0		23.88		25.20
100	QPSK	1	1		24.30		25.70
100	QPSK	1	137		24.15		25.70
100	QPSK	1	271		24.30		25.70
100	QPSK	135	0		23.33		24.70
100	QPSK	135	69		24.24		25.70
100	QPSK	135	138		23.28		24.70
100	QPSK	270	0		23.34		24.70
100	16QAM	1	1		23.30		24.70
100	64QAM	1	1		21.79		23.20
100	256QAM	1	1		19.74		21.20
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	24.23	24.26	24.21	25.70
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	24.12	24.21	24.07	25.70
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	24.12	24.13	24.20	25.70
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	24.20	24.20	24.10	25.70
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	24.16	24.16	24.13	25.70
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	24.16	24.18	24.20	25.70
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	24.11	24.18	24.19	25.70
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	24.14	24.14	24.16	25.70
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)



20	PI/2 BPSK	1	1	24.16	24.22	24.14	25.70
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	24.20	24.16	24.20	25.70
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	24.20	24.23	24.13	25.70

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant
9_DSI0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		24.67		25.70
100	PI/2 BPSK	1	137		24.64		25.70
100	PI/2 BPSK	1	271		24.51		25.70
100	PI/2 BPSK	135	0		24.37		25.20
100	PI/2 BPSK	135	69		24.66		25.70
100	PI/2 BPSK	135	138		24.13		25.20
100	PI/2 BPSK	270	0		24.04		25.20
100	QPSK	1	1		24.46		25.70
100	QPSK	1	137		24.48		25.70
100	QPSK	1	271		24.41		25.70
100	QPSK	135	0		23.63		24.70
100	QPSK	135	69		24.48		25.70
100	QPSK	135	138		23.56		24.70
100	QPSK	270	0		23.63		24.70
100	16QAM	1	1		23.69		24.70
100	64QAM	1	1		22.05		23.20
100	256QAM	1	1		19.98		21.20
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	24.46	24.53	24.51	25.70
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	24.41	24.50	24.44	25.70
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	24.43	24.44	24.46	25.70
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	24.39	24.49	24.37	25.70
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	24.38	24.48	24.50	25.70
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	24.42	24.49	24.42	25.70
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	24.44	24.42	24.45	25.70
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	24.42	24.40	24.48	25.70
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	24.37	24.43	24.46	25.70
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	24.39	24.49	24.40	25.70
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	24.35	24.49	24.46	25.70

【FR1 n78 (270)___FCC_Part 270 (3700~3800MHz)_Ant
9_DSI0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		24.36		25.70
100	PI/2 BPSK	1	137		24.20		25.70
100	PI/2 BPSK	1	271		24.28		25.70
100	PI/2 BPSK	135	0		24.07		25.20
100	PI/2 BPSK	135	69		24.25		25.70
100	PI/2 BPSK	135	138		23.85		25.20
100	PI/2 BPSK	270	0		23.88		25.20
100	QPSK	1	1		24.30		25.70
100	QPSK	1	137		24.15		25.70
100	QPSK	1	271		24.30		25.70
100	QPSK	135	0		23.33		24.70
100	QPSK	135	69		24.24		25.70
100	QPSK	135	138		23.28		24.70
100	QPSK	270	0		23.34		24.70
100	16QAM	1	1		23.30		24.70
100	64QAM	1	1		21.79		23.20
100	256QAM	1	1		19.74		21.20
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	24.23	24.26	24.21	25.70
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	24.12	24.21	24.07	25.70
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	24.12	24.13	24.20	25.70
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	24.20	24.20	24.10	25.70
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	24.16	24.16	24.13	25.70
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	24.16	24.18	24.20	25.70
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	24.11	24.18	24.19	25.70
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	24.14	24.14	24.16	25.70
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	24.16	24.22	24.14	25.70
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	24.20	24.16	24.20	25.70
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	24.20	24.23	24.13	25.70

【FR1 n78 (27Q)___FCC_Part 27Q (3450~3550MHz)_Ant
9_DSI7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		13.99		14.70
100	PI/2 BPSK	1	137		13.49		14.70
100	PI/2 BPSK	1	271		13.64		14.70
100	PI/2 BPSK	135	0		13.76		14.70
100	PI/2 BPSK	135	69		13.87		14.70
100	PI/2 BPSK	135	138		13.76		14.70
100	PI/2 BPSK	270	0		13.72		14.70
100	QPSK	1	1		13.82		14.70

100	QPSK	1	137		13.87		14.70
100	QPSK	1	271		13.85		14.70
100	QPSK	135	0		13.73		14.70
100	QPSK	135	69		13.89		14.70
100	QPSK	135	138		13.57		14.70
100	QPSK	270	0		13.58		14.70
100	16QAM	1	1		13.82		14.70
100	64QAM	1	1		13.43		14.70
100	256QAM	1	1		13.62		14.70
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	13.77	13.86	13.72	14.70
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	13.70	13.73	13.68	14.70
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	13.72	13.71	13.59	14.70
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	13.65	13.75	13.67	14.70
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	13.68	13.82	13.67	14.70
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	13.73	13.79	13.60	14.70
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	13.69	13.80	13.62	14.70
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	13.75	13.80	13.66	14.70
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	13.70	13.83	13.67	14.70
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	13.66	13.81	13.64	14.70
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	13.72	13.74	13.64	14.70

【FR1 n78 (270)_FCC_Part 270 (3700~3800MHz)_Ant
9_DSI7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		14.02		14.70
100	PI/2 BPSK	1	137		13.85		14.70
100	PI/2 BPSK	1	271		13.72		14.70
100	PI/2 BPSK	135	0		13.76		14.70
100	PI/2 BPSK	135	69		14.00		14.70
100	PI/2 BPSK	135	138		13.89		14.70
100	PI/2 BPSK	270	0		13.70		14.70
100	QPSK	1	1		13.87		14.70
100	QPSK	1	137		13.91		14.70
100	QPSK	1	271		13.95		14.70
100	QPSK	135	0		13.62		14.70
100	QPSK	135	69		13.73		14.70
100	QPSK	135	138		13.74		14.70
100	QPSK	270	0		13.70		14.70
100	16QAM	1	1		13.80		14.70
100	64QAM	1	1		13.71		14.70
100	256QAM	1	1		13.76		14.70
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	13.82	13.96	13.79	14.70
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	13.72	13.82	13.71	14.70
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)

70	PI/2 BPSK	1	1	13.69	13.89	13.74	14.70
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	13.76	13.83	13.73	14.70
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	13.71	13.94	13.73	14.70
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	13.81	13.82	13.65	14.70
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	13.80	13.88	13.68	14.70
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	13.74	13.88	13.70	14.70
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	13.74	13.83	13.72	14.70
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	13.71	13.88	13.65	14.70
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	13.68	13.95	13.64	14.70

【FR1 n78 (27Q)_FCC_Part 27Q
(3450~3550MHz)_HPUE_Ant 9_DSI0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		24.67		25.70
100	PI/2 BPSK	1	137		24.64		25.70
100	PI/2 BPSK	1	271		24.51		25.70
100	PI/2 BPSK	135	0		24.37		25.20
100	PI/2 BPSK	135	69		24.66		25.70
100	PI/2 BPSK	135	138		24.13		25.20
100	PI/2 BPSK	270	0		24.04		25.20
100	QPSK	1	1		24.46		25.70
100	QPSK	1	137		24.48		25.70
100	QPSK	1	271		24.41		25.70
100	QPSK	135	0		23.63		24.70
100	QPSK	135	69		24.48		25.70
100	QPSK	135	138		23.56		24.70
100	QPSK	270	0		23.63		24.70
100	16QAM	1	1		23.69		24.70
100	64QAM	1	1		22.05		23.20
100	256QAM	1	1		19.98		21.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	24.46	24.53	24.51	25.70
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	24.41	24.50	24.44	25.70
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	24.43	24.44	24.46	25.70
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	24.39	24.49	24.37	25.70
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	24.38	24.48	24.50	25.70
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	24.42	24.49	24.42	25.70
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	24.44	24.42	24.45	25.70
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	24.42	24.40	24.48	25.70
Channel				630668	633332	636000	Tune-up limit

Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	24.37	24.43	24.46	25.70
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	24.39	24.49	24.40	25.70
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	24.35	24.49	24.46	25.70

【FR1 n78 (27O)_FCC_Part 27O
(3700~3800MHz)_HPUE_Ant 9_DSI0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		24.36		25.70
100	PI/2 BPSK	1	137		24.20		25.70
100	PI/2 BPSK	1	271		24.28		25.70
100	PI/2 BPSK	135	0		24.07		25.20
100	PI/2 BPSK	135	69		24.25		25.70
100	PI/2 BPSK	135	138		23.85		25.20
100	PI/2 BPSK	270	0		23.88		25.20
100	QPSK	1	1		24.30		25.70
100	QPSK	1	137		24.15		25.70
100	QPSK	1	271		24.30		25.70
100	QPSK	135	0		23.33		24.70
100	QPSK	135	69		24.24		25.70
100	QPSK	135	138		23.28		24.70
100	QPSK	270	0		23.34		24.70
100	16QAM	1	1		23.30		24.70
100	64QAM	1	1		21.79		23.20
100	256QAM	1	1		19.74		21.20
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	24.23	24.26	24.21	25.70
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	24.12	24.21	24.07	25.70
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	24.12	24.13	24.20	25.70
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	24.20	24.20	24.10	25.70
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	24.16	24.16	24.13	25.70
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	24.16	24.18	24.20	25.70
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	24.11	24.18	24.19	25.70
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	24.14	24.14	24.16	25.70
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	24.16	24.22	24.14	25.70
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	24.20	24.16	24.20	25.70
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	24.20	24.23	24.13	25.70

【FR1 n78 (27Q)_FCC_Part 27Q
(3450~3550MHz)_HPUE_Ant 9_DSI7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
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Channel				633332			
Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1	16.96			17.70
100	PI/2 BPSK	1	137	16.39			17.70
100	PI/2 BPSK	1	271	16.62			17.70
100	PI/2 BPSK	135	0	16.77			17.70
100	PI/2 BPSK	135	69	16.86			17.70
100	PI/2 BPSK	135	138	16.69			17.70
100	PI/2 BPSK	270	0	16.66			17.70
100	QPSK	1	1	16.76			17.70
100	QPSK	1	137	16.77			17.70
100	QPSK	1	271	16.84			17.70
100	QPSK	135	0	16.76			17.70
100	QPSK	135	69	16.90			17.70
100	QPSK	135	138	16.49			17.70
100	QPSK	270	0	16.53			17.70
100	16QAM	1	1	16.87			17.70
100	64QAM	1	1	16.46			17.70
100	256QAM	1	1	16.68			17.70
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	16.81	16.89	16.75	17.70
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	16.75	16.83	16.73	17.70
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	16.66	16.79	16.62	17.70
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	16.67	16.75	16.62	17.70
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	16.67	16.80	16.67	17.70
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	16.77	16.84	16.71	17.70
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	16.74	16.80	16.63	17.70
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	16.67	16.78	16.63	17.70
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	16.71	16.81	16.64	17.70
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	16.80	16.87	16.72	17.70
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	16.75	16.86	16.69	17.70



【FR1 n78 (270)_FCC_Part 270
(3700~3800MHz)_HPUE_Ant 9_DSI7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		17.04		17.70
100	PI/2 BPSK	1	137		16.86		17.70
100	PI/2 BPSK	1	271		16.67		17.70
100	PI/2 BPSK	135	0		16.72		17.70
100	PI/2 BPSK	135	69		16.96		17.70
100	PI/2 BPSK	135	138		16.82		17.70
100	PI/2 BPSK	270	0		16.71		17.70
100	QPSK	1	1		16.81		17.70
100	QPSK	1	137		16.87		17.70
100	QPSK	1	271		16.89		17.70
100	QPSK	135	0		16.58		17.70
100	QPSK	135	69		16.65		17.70
100	QPSK	135	138		16.74		17.70
100	QPSK	270	0		16.70		17.70
100	16QAM	1	1		16.72		17.70
100	64QAM	1	1		16.68		17.70
100	256QAM	1	1		16.66		17.70
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	16.89	16.99	16.86	17.70
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	16.85	16.85	16.75	17.70
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	16.80	16.95	16.73	17.70
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	16.79	16.87	16.72	17.70
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	16.77	16.97	16.82	17.70
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	16.86	16.84	16.73	17.70
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	16.85	16.94	16.80	17.70
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	16.82	16.90	16.78	17.70
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	16.86	16.90	16.74	17.70
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	16.87	16.91	16.73	17.70
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	16.86	16.93	16.81	17.70

<FR1 n53 Ant8_Full Power>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				497700	497850	498000	
Frequency (MHz)				2488.5	2489.25	2490	
10	PI/2 BPSK	1	1	23.71	23.91	23.61	25.2
10	PI/2 BPSK	1	12	23.81	23.89	23.75	
10	PI/2 BPSK	1	22	23.77	23.87	23.77	
10	PI/2 BPSK	12	0	22.75	22.84	22.76	24.7
10	PI/2 BPSK	12	6	23.50	23.58	23.44	25.2
10	PI/2 BPSK	12	12	23.43	23.52	23.39	24.7
10	PI/2 BPSK	24	0	23.08	23.18	23.11	
10	QPSK	1	1	23.21	23.20	23.25	
10	QPSK	1	12	23.37	23.44	23.37	25.2
10	QPSK	1	22	23.75	23.88	23.77	
10	QPSK	12	0	22.67	22.77	22.63	
10	QPSK	12	6	23.33	23.45	23.35	25.2
10	QPSK	12	12	23.09	23.20	23.06	24.2
10	QPSK	24	0	22.53	22.66	22.59	
10	16QAM	1	1	22.43	22.58	22.46	
10	64QAM	1	1	21.34	21.41	21.27	22.7
10	256QAM	1	1	19.61	19.70	19.66	20.7

<FR1 n53 Ant8_DSI7>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				497700	497850	498000	
Frequency (MHz)				2488.5	2489.25	2490	
10	PI/2 BPSK	1	1	15.08	15.19	15.10	16.1
10	PI/2 BPSK	1	12	14.98	15.03	14.94	
10	PI/2 BPSK	1	22	14.86	14.95	14.87	
10	PI/2 BPSK	12	0	14.91	14.99	14.86	16.1
10	PI/2 BPSK	12	6	15.08	15.09	14.90	16.1
10	PI/2 BPSK	12	12	14.88	14.94	14.95	16.1
10	PI/2 BPSK	24	0	14.95	15.01	15.02	
10	QPSK	1	1	15.09	15.18	15.06	
10	QPSK	1	12	15.07	15.07	15.06	16.1
10	QPSK	1	22	14.96	15.14	14.92	
10	QPSK	12	0	14.80	14.92	14.79	
10	QPSK	12	6	14.82	15.09	14.86	16.1
10	QPSK	12	12	14.70	14.85	14.71	16.1
10	QPSK	24	0	14.72	14.96	14.72	
10	16QAM	1	1	14.88	14.99	14.88	
10	64QAM	1	1	14.77	14.89	14.69	16.1
10	256QAM	1	1	14.91	14.94	14.70	16.1

**Bluetooth Conducted Power**

【Bluetooth_Ant 6】

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
BR / EDR 1Mbps	0	2402	8.34	8.50	76.49
	39	2441	8.37	8.50	
	78	2480	8.15	8.50	
BR / EDR 2Mbps	0	2402	8.35	8.50	30.64
	39	2441	8.28	8.50	
	78	2480	8.33	8.50	
BR / EDR 3Mbps	0	2402	8.22	8.50	30.81
	39	2441	8.45	8.50	
	78	2480	8.19	8.50	
LE 125kbps	0	2402	8.42	8.50	82.45
	19	2440	8.31	8.50	
	39	2480	8.23	8.50	
LE 500kbps	0	2402	8.33	8.50	56.66
	19	2440	8.20	8.50	
	39	2480	8.15	8.50	
LE 1Mbps	0	2402	8.56	9.00	62.50
	19	2440	8.40	8.50	
	39	2480	8.33	8.50	
LE 2Mbps	0	2402	8.58	9.00	32.87
	19	2440	8.45	8.50	
	39	2480	8.38	8.50	
BT6.0 GFSK 1Mbps	2	2404	7.94	8.00	100.00
	38	2440	7.82	8.00	
	76	2478	7.61	8.00	
BT6.0 GFSK 2Mbps	2	2404	8.02	8.50	100.00
	38	2440	7.89	8.00	
	76	2478	7.67	8.00	
BT6.0 ASK 1Mbps	2	2404	7.97	8.00	100.00
	38	2440	7.85	8.00	
	76	2478	7.63	8.00	

【Bluetooth_Ant 7】

Mode	Channel	Frequency (MHz)	Ant 7		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
BR / EDR 1Mbps	0	2402	8.02	8.50	76.88
	39	2441	7.89	8.00	
	78	2480	7.86	8.00	
BR / EDR 2Mbps	0	2402	8.01	8.50	31.21
	39	2441	7.94	8.00	
	78	2480	7.89	8.00	
BR / EDR 3Mbps	0	2402	8.06	8.50	30.64
	39	2441	7.92	8.00	
	78	2480	7.87	8.00	
LE 125kbps	0	2402	8.18	8.50	82.39
	19	2440	8.15	8.50	
	39	2480	8.01	8.50	
LE 500kbps	0	2402	7.93	8.00	56.99
	19	2440	7.95	8.00	
	39	2480	7.83	8.00	
LE 1Mbps	0	2402	8.26	8.50	62.58
	19	2440	8.29	8.50	
	39	2480	8.15	8.50	
LE 2Mbps	0	2402	8.07	8.50	32.87
	19	2440	8.17	8.50	
	39	2480	8.12	8.50	
BT6.0 GFSK 1Mbps	2	2404	7.81	8.00	100.00
	38	2440	7.64	8.00	
	76	2478	7.45	7.50	
BT6.0 GFSK 2Mbps	2	2404	7.88	8.00	100.00
	38	2440	7.72	8.00	
	76	2478	7.52	8.00	
BT6.0 ASK 1Mbps	2	2404	7.84	8.00	100.00
	38	2440	7.68	8.00	
	76	2478	7.47	7.50	



WLAN Conducted Power

【2.4GHz WLAN_Ant 6_Full power】

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	22.84	23.00	97.03
	6	2437	22.63	23.00	
	11	2462	21.57	22.00	
802.11g 6Mbps	1	2412	19.55	20.00	99.04
	6	2437	19.84	20.00	
	11	2462	19.65	20.00	
802.11n-HT20 MCS0	1	2412	17.73	18.00	100.00
	6	2437	19.76	20.00	
	11	2462	19.43	19.50	
802.11ac-VHT20 MCS0	1	2412	17.81	18.00	100.00
	6	2437	19.83	20.00	
	11	2462	19.49	19.50	
802.11ax-HE20 MCS0	1	2412	17.89	18.00	100.00
	6	2437	19.87	20.00	
	11	2462	19.53	20.00	
802.11be-EHT20 MCS0	1	2412	17.93	18.00	100.00
	6	2437	19.91	20.00	
	11	2462	19.58	20.00	

【2.4GHz WLAN_Ant 6_DSI0】

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	22.84	23.00	97.03
	6	2437	22.63	23.00	
	11	2462	21.57	22.00	
802.11g 6Mbps	1	2412	19.55	20.00	99.04
	6	2437	19.84	20.00	
	11	2462	19.65	20.00	
802.11n-HT20 MCS0	1	2412	17.73	18.00	100.00
	6	2437	19.76	20.00	
	11	2462	19.43	19.50	
802.11ac-VHT20 MCS0	1	2412	17.81	18.00	100.00
	6	2437	19.83	20.00	
	11	2462	19.49	19.50	
802.11ax-HE20 MCS0	1	2412	17.89	18.00	100.00
	6	2437	19.87	20.00	
	11	2462	19.53	20.00	
802.11be-EHT20 MCS0	1	2412	17.93	18.00	100.00
	6	2437	19.91	20.00	
	11	2462	19.58	20.00	

【2.4GHz WLAN_Ant 6_DSI7】

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	13.67	14.00	97.03
	6	2437	13.98	14.00	
	11	2462	13.71	14.00	
802.11g 6Mbps	1	2412	13.97	14.00	99.04
	6	2437	13.85	14.00	
	11	2462	13.53	14.00	
802.11n-HT20 MCS0	1	2412	13.62	14.00	100.00
	6	2437	13.51	14.00	
	11	2462	13.52	14.00	
802.11ac-VHT20 MCS0	1	2412	13.67	14.00	100.00
	6	2437	13.62	14.00	
	11	2462	13.52	14.00	
802.11ax-HE20 MCS0	1	2412	13.76	14.00	100.00
	6	2437	13.71	14.00	
	11	2462	13.57	14.00	
802.11be-EHT20 MCS0	1	2412	13.75	14.00	100.00
	6	2437	13.75	14.00	
	11	2462	13.62	14.00	

【2.4GHz WLAN_Ant 7_Full power】

Mode	Channel	Frequency (MHz)	Ant 7		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	23.54	24.00	97.03
	6	2437	25.00	25.50	
	11	2462	25.17	25.50	
802.11g 6Mbps	1	2412	19.65	20.00	98.23
	6	2437	20.39	20.50	
	11	2462	20.32	20.50	
802.11n-HT20 MCS0	1	2412	17.91	18.00	100.00
	6	2437	20.11	20.50	
	11	2462	20.04	20.50	
802.11ac-VHT20 MCS0	1	2412	17.98	18.00	100.00
	6	2437	20.21	20.50	
	11	2462	20.14	20.50	
802.11ax-HE20 MCS0	1	2412	18.05	18.50	100.00
	6	2437	20.31	20.50	
	11	2462	20.20	20.50	
802.11be-EHT20 MCS0	1	2412	18.11	18.50	100.00
	6	2437	20.36	20.50	
	11	2462	20.30	20.50	

【2.4GHz WLAN_Ant 7_DSI0】

Mode	Channel	Frequency (MHz)	Ant 7		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	23.54	24.00	97.03
	6	2437	25.00	25.50	
	11	2462	25.17	25.50	
802.11g 6Mbps	1	2412	19.65	20.00	98.23
	6	2437	20.39	20.50	
	11	2462	20.32	20.50	
802.11n-HT20 MCS0	1	2412	17.91	18.00	100.00
	6	2437	20.11	20.50	
	11	2462	20.04	20.50	
802.11ac-VHT20 MCS0	1	2412	17.98	18.00	100.00
	6	2437	20.21	20.50	
	11	2462	20.14	20.50	
802.11ax-HE20 MCS0	1	2412	18.05	18.50	100.00
	6	2437	20.31	20.50	
	11	2462	20.20	20.50	
802.11be-EHT20 MCS0	1	2412	18.11	18.50	100.00
	6	2437	20.36	20.50	
	11	2462	20.30	20.50	

【2.4GHz WLAN_Ant 7_DSI7】

Mode	Channel	Frequency (MHz)	Ant 7		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	11.73	12.00	97.03
	6	2437	11.96	12.00	
	11	2462	11.76	12.00	
802.11g 6Mbps	1	2412	11.93	12.00	98.23
	6	2437	11.81	12.00	
	11	2462	11.59	12.00	
802.11n-HT20 MCS0	1	2412	11.54	12.00	100.00
	6	2437	11.62	12.00	
	11	2462	11.61	12.00	
802.11ac-VHT20 MCS0	1	2412	11.65	12.00	100.00
	6	2437	11.62	12.00	
	11	2462	11.56	12.00	
802.11ax-HE20 MCS0	1	2412	11.71	12.00	100.00
	6	2437	11.72	12.00	
	11	2462	11.54	12.00	
802.11be-EHT20 MCS0	1	2412	11.84	12.00	100.00
	6	2437	11.73	12.00	
	11	2462	11.55	12.00	

【2.4GHz WLAN_Ant 6+7_Full power】

Mode	Channel	Frequency (MHz)	Ant 6+7		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	26.22	26.50	97.03
	6	2437	26.99	27.40	
	11	2462	26.75	27.10	
802.11g 6Mbps	1	2412	22.61	23.00	99.04
	6	2437	23.13	23.30	
	11	2462	23.01	23.30	
802.11n-HT20 MCS0	1	2412	20.83	21.00	100.00
	6	2437	22.95	23.30	
	11	2462	22.76	23.00	
802.11ac-VHT20 MCS0	1	2412	20.91	21.00	100.00
	6	2437	23.03	23.30	
	11	2462	22.84	23.00	
802.11ax-HE20 MCS0	1	2412	20.98	21.30	100.00
	6	2437	23.11	23.30	
	11	2462	22.89	23.30	
802.11be-EHT20 MCS0	1	2412	21.03	21.30	100.00
	6	2437	23.15	23.30	
	11	2462	22.97	23.30	

【2.4GHz WLAN_Ant 6+7_DSI0】

Mode	Channel	Frequency (MHz)	Ant 6+7		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	26.22	26.50	97.03
	6	2437	26.99	27.40	
	11	2462	26.75	27.10	
802.11g 6Mbps	1	2412	22.61	23.00	99.04
	6	2437	23.13	23.30	
	11	2462	23.01	23.30	
802.11n-HT20 MCS0	1	2412	20.83	21.00	100.00
	6	2437	22.95	23.30	
	11	2462	22.76	23.00	
802.11ac-VHT20 MCS0	1	2412	20.91	21.00	100.00
	6	2437	23.03	23.30	
	11	2462	22.84	23.00	
802.11ax-HE20 MCS0	1	2412	20.98	21.30	100.00
	6	2437	23.11	23.30	
	11	2462	22.89	23.30	
802.11be-EHT20 MCS0	1	2412	21.03	21.30	100.00
	6	2437	23.15	23.30	
	11	2462	22.97	23.30	

【2.4GHz WLAN_Ant 6+7_DSI7】

Mode	Channel	Frequency (MHz)	Ant 6+7		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	15.82	16.10	97.03
	6	2437	16.10	16.10	
	11	2462	15.85	16.10	
802.11g 6Mbps	1	2412	16.08	16.10	99.04
	6	2437	15.96	16.10	
	11	2462	15.68	16.10	
802.11n-HT20 MCS0	1	2412	15.71	16.10	100.00
	6	2437	15.68	16.10	
	11	2462	15.68	16.10	
802.11ac-VHT20 MCS0	1	2412	15.79	16.10	100.00
	6	2437	15.74	16.10	
	11	2462	15.66	16.10	
802.11ax-HE20 MCS0	1	2412	15.87	16.10	100.00
	6	2437	15.84	16.10	
	11	2462	15.68	16.10	
802.11be-EHT20 MCS0	1	2412	15.91	16.10	100.00
	6	2437	15.87	16.10	
	11	2462	15.72	16.10	

【5.2GHz WLAN_Ant 6_Full power】

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	36	5180	18.45	18.50	99.32
	40	5200	18.44	18.50	
	44	5220	18.22	18.50	
	48	5240	18.20	18.50	
802.11n-HT20 MCS0	36	5180	18.54	19.00	100.00
	40	5200	18.48	18.50	
	44	5220	18.20	18.50	
	48	5240	18.27	18.50	
802.11n-HT40 MCS0	38	5190	18.39	18.50	100.00
	46	5230	18.10	18.50	
802.11ac-VHT20 MCS0	36	5180	18.60	19.00	100.00
	40	5200	18.55	19.00	
	44	5220	18.27	18.50	
	48	5240	18.33	18.50	
802.11ac-VHT40 MCS0	38	5190	18.47	18.50	100.00
	46	5230	18.16	18.50	
802.11ac-VHT80 MCS0	42	5210	18.33	18.50	100.00
802.11ax-HE20 MCS0	36	5180	18.66	19.00	100.00
	40	5200	18.62	19.00	
	44	5220	18.35	18.50	
	48	5240	18.41	18.50	
802.11ax-HE40 MCS0	38	5190	18.53	19.00	100.00
	46	5230	18.23	18.50	
802.11ax-HE80 MCS0	42	5210	18.38	18.50	100.00
802.11be-EHT20 MCS0	36	5180	18.74	19.00	100.00
	40	5200	18.69	19.00	
	44	5220	18.43	18.50	
	48	5240	18.49	18.50	
802.11be-EHT40 MCS0	38	5190	18.59	19.00	100.00
	46	5230	18.31	18.50	
802.11be-EHT80 MCS0	42	5210	18.42	18.50	100.00

**【5.2GHz WLAN_Ant 6_DSI0】**

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	36	5180	18.45	18.50	99.32
	40	5200	18.44	18.50	
	44	5220	18.22	18.50	
	48	5240	18.20	18.50	
802.11n-HT20 MCS0	36	5180	18.54	19.00	100.00
	40	5200	18.48	18.50	
	44	5220	18.20	18.50	
	48	5240	18.27	18.50	
802.11n-HT40 MCS0	38	5190	18.39	18.50	100.00
	46	5230	18.10	18.50	
802.11ac-VHT20 MCS0	36	5180	18.60	19.00	100.00
	40	5200	18.55	19.00	
	44	5220	18.27	18.50	
	48	5240	18.33	18.50	
802.11ac-VHT40 MCS0	38	5190	18.47	18.50	100.00
	46	5230	18.16	18.50	
802.11ac-VHT80 MCS0	42	5210	18.33	18.50	100.00
802.11ax-HE20 MCS0	36	5180	18.66	19.00	100.00
	40	5200	18.62	19.00	
	44	5220	18.35	18.50	
	48	5240	18.41	18.50	
802.11ax-HE40 MCS0	38	5190	18.53	19.00	100.00
	46	5230	18.23	18.50	
802.11ax-HE80 MCS0	42	5210	18.38	18.50	100.00
802.11be-EHT20 MCS0	36	5180	18.74	19.00	100.00
	40	5200	18.69	19.00	
	44	5220	18.43	18.50	
	48	5240	18.49	18.50	
802.11be-EHT40 MCS0	38	5190	18.59	19.00	100.00
	46	5230	18.31	18.50	
802.11be-EHT80 MCS0	42	5210	18.42	18.50	100.00

【5.2GHz WLAN_Ant 6_DSI7】

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	36	5180	9.77	10.00	99.32
	40	5200	9.73	10.00	
	44	5220	9.69	10.00	
	48	5240	9.58	10.00	
802.11n-HT20 MCS0	36	5180	9.69	10.00	100.00
	40	5200	9.57	10.00	
	44	5220	9.52	10.00	
	48	5240	9.56	10.00	
802.11n-HT40 MCS0	38	5190	9.50	10.00	100.00
	46	5230	9.52	10.00	
802.11ac-VHT20 MCS0	36	5180	9.69	10.00	100.00
	40	5200	9.66	10.00	
	44	5220	9.55	10.00	
	48	5240	9.68	10.00	
802.11ac-VHT40 MCS0	38	5190	9.65	10.00	100.00
	46	5230	9.54	10.00	
802.11ac-VHT80 MCS0	42	5210	9.65	10.00	100.00
802.11ax-HE20 MCS0	36	5180	9.55	10.00	100.00
	40	5200	9.60	10.00	
	44	5220	9.56	10.00	
	48	5240	9.53	10.00	
802.11ax-HE40 MCS0	38	5190	9.63	10.00	100.00
	46	5230	9.53	10.00	
802.11ax-HE80 MCS0	42	5210	9.59	10.00	100.00
802.11be-EHT20 MCS0	36	5180	9.65	10.00	100.00
	40	5200	9.58	10.00	
	44	5220	9.53	10.00	
	48	5240	9.58	10.00	
802.11be-EHT40 MCS0	38	5190	9.51	10.00	100.00
	46	5230	9.53	10.00	
802.11be-EHT80 MCS0	42	5210	9.63	10.00	100.00

【5.2GHz WLAN_Ant 7_Full power】

Mode	Channel	Frequency (MHz)	Ant 7		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	36	5180	18.75	19.00	99.32
	40	5200	18.86	19.00	
	44	5220	18.78	19.00	
	48	5240	18.82	19.00	
802.11n-HT20 MCS0	36	5180	18.52	19.00	100.00
	40	5200	18.54	19.00	
	44	5220	18.52	19.00	
	48	5240	18.50	19.00	
802.11n-HT40 MCS0	38	5190	18.40	18.50	100.00
	46	5230	18.45	18.50	
802.11ac-VHT20 MCS0	36	5180	18.59	19.00	100.00
	40	5200	18.62	19.00	
	44	5220	18.59	19.00	
	48	5240	18.57	19.00	
802.11ac-VHT40 MCS0	38	5190	18.48	18.50	100.00
	46	5230	18.52	19.00	
802.11ac-VHT80 MCS0	42	5210	18.88	19.00	100.00
802.11ax-HE20 MCS0	36	5180	18.66	19.00	100.00
	40	5200	18.69	19.00	
	44	5220	18.65	19.00	
	48	5240	18.63	19.00	
802.11ax-HE40 MCS0	38	5190	18.56	19.00	100.00
	46	5230	18.58	19.00	
802.11ax-HE80 MCS0	42	5210	18.90	19.00	100.00
802.11be-EHT20 MCS0	36	5180	18.73	19.00	100.00
	40	5200	18.76	19.00	
	44	5220	18.71	19.00	
	48	5240	18.69	19.00	
802.11be-EHT40 MCS0	38	5190	18.62	19.00	100.00
	46	5230	18.66	19.00	
802.11be-EHT80 MCS0	42	5210	18.95	19.00	100.00

【5.2GHz WLAN_Ant 7_DSI0】

Mode	Channel	Frequency (MHz)	Ant 7		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	36	5180	18.75	19.00	99.32
	40	5200	18.86	19.00	
	44	5220	18.78	19.00	
	48	5240	18.82	19.00	
802.11n-HT20 MCS0	36	5180	18.52	19.00	100.00
	40	5200	18.54	19.00	
	44	5220	18.52	19.00	
	48	5240	18.50	19.00	
802.11n-HT40 MCS0	38	5190	18.40	18.50	100.00
	46	5230	18.45	18.50	
802.11ac-VHT20 MCS0	36	5180	18.59	19.00	100.00
	40	5200	18.62	19.00	
	44	5220	18.59	19.00	
	48	5240	18.57	19.00	
802.11ac-VHT40 MCS0	38	5190	18.48	18.50	100.00
	46	5230	18.52	19.00	
802.11ac-VHT80 MCS0	42	5210	18.88	19.00	100.00
802.11ax-HE20 MCS0	36	5180	18.66	19.00	100.00
	40	5200	18.69	19.00	
	44	5220	18.65	19.00	
	48	5240	18.63	19.00	
802.11ax-HE40 MCS0	38	5190	18.56	19.00	100.00
	46	5230	18.58	19.00	
802.11ax-HE80 MCS0	42	5210	18.90	19.00	100.00
802.11be-EHT20 MCS0	36	5180	18.73	19.00	100.00
	40	5200	18.76	19.00	
	44	5220	18.71	19.00	
	48	5240	18.69	19.00	
802.11be-EHT40 MCS0	38	5190	18.62	19.00	100.00



	46	5230	18.66	19.00	
802.11be-EHT80 MCS0	42	5210	18.95	19.00	100.00

【5.2GHz WLAN_Ant 7_DSI7】

Mode	Channel	Frequency (MHz)	Ant 7		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	36	5180	7.98	8.00	99.32
	40	5200	7.96	8.00	
	44	5220	7.91	8.00	
	48	5240	7.92	8.00	
802.11n-HT20 MCS0	36	5180	7.95	8.00	100.00
	40	5200	7.95	8.00	
	44	5220	7.64	8.00	
	48	5240	7.63	8.00	
802.11n-HT40 MCS0	38	5190	7.83	8.00	100.00
	46	5230	7.54	8.00	
802.11ac-VHT20 MCS0	36	5180	7.86	8.00	100.00
	40	5200	7.94	8.00	
	44	5220	7.72	8.00	
	48	5240	7.70	8.00	
802.11ac-VHT40 MCS0	38	5190	7.87	8.00	100.00
	46	5230	7.54	8.00	
802.11ac-VHT80 MCS0	42	5210	7.79	8.00	100.00
802.11ax-HE20 MCS0	36	5180	7.89	8.00	100.00
	40	5200	7.85	8.00	
	44	5220	7.73	8.00	
	48	5240	7.79	8.00	
802.11ax-HE40 MCS0	38	5190	7.96	8.00	100.00
	46	5230	7.67	8.00	
802.11ax-HE80 MCS0	42	5210	7.84	8.00	100.00
802.11be-EHT20 MCS0	36	5180	7.98	8.00	100.00
	40	5200	7.89	8.00	
	44	5220	7.84	8.00	
	48	5240	7.95	8.00	
802.11be-EHT40 MCS0	38	5190	7.89	8.00	100.00
	46	5230	7.68	8.00	
802.11be-EHT80 MCS0	42	5210	7.94	8.00	100.00

【5.2GHz WLAN_Ant 6+7_Full power】

Mode	Channel	Frequency (MHz)	Ant 6+7		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	36	5180	21.61	21.80	99.32
	40	5200	21.67	21.80	
	44	5220	21.52	21.80	
	48	5240	21.53	21.80	
802.11n-HT20 MCS0	36	5180	21.54	22.00	100.00
	40	5200	21.52	21.80	
	44	5220	21.37	21.80	
	48	5240	21.40	21.80	
802.11n-HT40 MCS0	38	5190	21.41	21.50	100.00
	46	5230	21.29	21.50	
802.11ac-VHT20 MCS0	36	5180	21.61	22.00	100.00
	40	5200	21.60	22.00	
	44	5220	21.44	21.80	
	48	5240	21.46	21.80	
802.11ac-VHT40 MCS0	38	5190	21.49	21.50	100.00
	46	5230	21.35	21.80	
802.11ac-VHT80 MCS0	42	5210	21.62	21.80	100.00
802.11ax-HE20 MCS0	36	5180	21.67	22.00	100.00
	40	5200	21.67	22.00	
	44	5220	21.51	21.80	
	48	5240	21.53	21.80	
802.11ax-HE40 MCS0	38	5190	21.56	22.00	100.00
	46	5230	21.42	21.80	
802.11ax-HE80 MCS0	42	5210	21.66	21.80	100.00
802.11be-EHT20 MCS0	36	5180	21.75	22.00	100.00
	40	5200	21.74	22.00	
	44	5220	21.58	21.80	



	48	5240	21.60	21.80	
802.11be-EHT40 MCS0	38	5190	21.62	22.00	100.00
	46	5230	21.50	21.80	
802.11be-EHT80 MCS0	42	5210	21.70	21.80	100.00

【5.2GHz WLAN_Ant 6+7_DSI0】

Mode	Channel	Frequency (MHz)	Ant 6+7		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	36	5180	21.61	21.80	99.32
	40	5200	21.67	21.80	
	44	5220	21.52	21.80	
	48	5240	21.53	21.80	
802.11n-HT20 MCS0	36	5180	21.54	22.00	100.00
	40	5200	21.52	21.80	
	44	5220	21.37	21.80	
	48	5240	21.40	21.80	
802.11n-HT40 MCS0	38	5190	21.41	21.50	100.00
	46	5230	21.29	21.50	
802.11ac-VHT20 MCS0	36	5180	21.61	22.00	100.00
	40	5200	21.60	22.00	
	44	5220	21.44	21.80	
	48	5240	21.46	21.80	
802.11ac-VHT40 MCS0	38	5190	21.49	21.50	100.00
	46	5230	21.35	21.80	
802.11ac-VHT80 MCS0	42	5210	21.62	21.80	100.00
802.11ax-HE20 MCS0	36	5180	21.67	22.00	100.00
	40	5200	21.67	22.00	
	44	5220	21.51	21.80	
	48	5240	21.53	21.80	
802.11ax-HE40 MCS0	38	5190	21.56	22.00	100.00
	46	5230	21.42	21.80	
802.11ax-HE80 MCS0	42	5210	21.66	21.80	100.00
802.11be-EHT20 MCS0	36	5180	21.75	22.00	100.00
	40	5200	21.74	22.00	
	44	5220	21.58	21.80	
	48	5240	21.60	21.80	
802.11be-EHT40 MCS0	38	5190	21.62	22.00	100.00
	46	5230	21.50	21.80	
802.11be-EHT80 MCS0	42	5210	21.70	21.80	100.00

【5.2GHz WLAN_Ant 6+7_DSI7】

Mode	Channel	Frequency (MHz)	Ant 6+7		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	36	5180	11.98	12.10	99.32
	40	5200	11.94	12.10	
	44	5220	11.90	12.10	
	48	5240	11.84	12.10	
802.11n-HT20 MCS0	36	5180	11.92	12.10	100.00
	40	5200	11.85	12.10	
	44	5220	11.69	12.10	
	48	5240	11.71	12.10	
802.11n-HT40 MCS0	38	5190	11.76	12.10	100.00
	46	5230	11.65	12.10	
802.11ac-VHT20 MCS0	36	5180	11.88	12.10	100.00
	40	5200	11.89	12.10	
	44	5220	11.74	12.10	
	48	5240	11.81	12.10	
802.11ac-VHT40 MCS0	38	5190	11.86	12.10	100.00
	46	5230	11.66	12.10	
802.11ac-VHT80 MCS0	42	5210	11.83	12.10	100.00
802.11ax-HE20 MCS0	36	5180	11.81	12.10	100.00
	40	5200	11.82	12.10	
	44	5220	11.75	12.10	
	48	5240	11.76	12.10	
802.11ax-HE40 MCS0	38	5190	11.89	12.10	100.00
	46	5230	11.71	12.10	
802.11ax-HE80 MCS0	42	5210	11.81	12.10	100.00
802.11be-EHT20 MCS0	36	5180	11.91	12.10	100.00



802.11be-EHT40 MCS0	40	5200	11.83	12.10	100.00
	44	5220	11.78	12.10	
	48	5240	11.85	12.10	
	38	5190	11.79	12.10	
802.11be-EHT80 MCS0	46	5230	11.71	12.10	100.00
	42	5210	11.88	12.10	

【5.3GHz WLAN_Ant 6_Full power】

			Ant 6		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	52	5260	17.93	18.00	99.32
	56	5280	18.54	19.00	
	60	5300	18.19	18.50	
	64	5320	18.96	19.00	
802.11n-HT20 MCS0	52	5260	17.80	18.00	100.00
	56	5280	17.88	18.00	
	60	5300	18.02	18.50	
	64	5320	18.05	18.50	
802.11n-HT40 MCS0	54	5270	17.93	18.00	100.00
	62	5310	18.23	18.50	
802.11ac-VHT20 MCS0	52	5260	17.87	18.00	100.00
	56	5280	17.95	18.00	
	60	5300	18.08	18.50	
	64	5320	18.13	18.50	
802.11ac-VHT40 MCS0	54	5270	17.99	18.00	100.00
	62	5310	18.29	18.50	
802.11ac-VHT80 MCS0	58	5290	18.70	19.00	100.00
802.11ac-VHT160 MCS0	50	5250	16.35	16.50	100.00
802.11ax-HE20 MCS0	52	5260	17.94	18.00	100.00
	56	5280	18.01	18.50	
	60	5300	18.15	18.50	
	64	5320	18.21	18.50	
802.11ax-HE40 MCS0	54	5270	18.07	18.50	100.00
	62	5310	18.37	18.50	
802.11ax-HE80 MCS0	58	5290	18.72	19.00	100.00
802.11ax-HE160 MCS0	50	5250	16.41	16.50	100.00
802.11be-EHT20 MCS0	52	5260	18.01	18.50	100.00
	56	5280	18.07	18.50	
	60	5300	18.22	18.50	
	64	5320	18.27	18.50	
802.11be-EHT40 MCS0	54	5270	18.13	18.50	100.00
	62	5310	18.44	18.50	
802.11be-EHT80 MCS0	58	5290	18.75	19.00	100.00
802.11be-EHT160 MCS0	50	5250	16.48	16.50	100.00

【5.3GHz WLAN_Ant 6_DSI0】

			Ant 6		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	52	5260	17.93	18.00	99.32
	56	5280	18.54	19.00	
	60	5300	18.19	18.50	
	64	5320	18.96	19.00	
802.11n-HT20 MCS0	52	5260	17.80	18.00	100.00
	56	5280	17.88	18.00	
	60	5300	18.02	18.50	
	64	5320	18.05	18.50	
802.11n-HT40 MCS0	54	5270	17.93	18.00	100.00
	62	5310	18.23	18.50	
802.11ac-VHT20 MCS0	52	5260	17.87	18.00	100.00
	56	5280	17.95	18.00	
	60	5300	18.08	18.50	
	64	5320	18.13	18.50	
802.11ac-VHT40 MCS0	54	5270	17.99	18.00	100.00
	62	5310	18.29	18.50	
802.11ac-VHT80 MCS0	58	5290	18.70	19.00	100.00
802.11ac-VHT160 MCS0	50	5250	16.35	16.50	100.00
802.11ax-HE20 MCS0	52	5260	17.94	18.00	100.00
	56	5280	18.01	18.50	



802.11ax-HE40 MCS0	60	5300	18.15	18.50	100.00
	64	5320	18.21	18.50	
	54	5270	18.07	18.50	
	62	5310	18.37	18.50	
802.11ax-HE80 MCS0	58	5290	18.72	19.00	100.00
802.11ax-HE160 MCS0	50	5250	16.41	16.50	100.00
802.11be-EHT20 MCS0	52	5260	18.01	18.50	100.00
	56	5280	18.07	18.50	
	60	5300	18.22	18.50	
	64	5320	18.27	18.50	
802.11be-EHT40 MCS0	54	5270	18.13	18.50	100.00
	62	5310	18.44	18.50	
802.11be-EHT80 MCS0	58	5290	18.75	19.00	100.00
802.11be-EHT160 MCS0	50	5250	16.48	16.50	100.00

【5.3GHz WLAN_Ant 6_DSI7】

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	52	5260	8.63	9.00	99.32
	56	5280	8.59	9.00	
	60	5300	8.59	9.00	
	64	5320	8.85	9.00	
802.11n-HT20 MCS0	52	5260	8.53	9.00	100.00
	56	5280	8.54	9.00	
	60	5300	8.65	9.00	
	64	5320	8.52	9.00	
802.11n-HT40 MCS0	54	5270	8.64	9.00	100.00
	62	5310	8.69	9.00	
802.11ac-VHT20 MCS0	52	5260	8.55	9.00	100.00
	56	5280	8.63	9.00	
	60	5300	8.55	9.00	
	64	5320	8.60	9.00	
802.11ac-VHT40 MCS0	54	5270	8.52	9.00	100.00
	62	5310	8.70	9.00	
802.11ac-VHT80 MCS0	58	5290	8.61	9.00	100.00
802.11ac-VHT160 MCS0	50	5250	8.58	9.00	100.00
802.11ax-HE20 MCS0	52	5260	8.72	9.00	100.00
	56	5280	8.60	9.00	
	60	5300	8.62	9.00	
	64	5320	8.63	9.00	
802.11ax-HE40 MCS0	54	5270	8.79	9.00	100.00
	62	5310	8.73	9.00	
802.11ax-HE80 MCS0	58	5290	8.71	9.00	100.00
802.11ax-HE160 MCS0	50	5250	8.61	9.00	100.00
802.11be-EHT20 MCS0	52	5260	8.65	9.00	100.00
	56	5280	8.65	9.00	
	60	5300	8.62	9.00	
	64	5320	8.70	9.00	
802.11be-EHT40 MCS0	54	5270	8.54	9.00	100.00
	62	5310	8.88	9.00	
802.11be-EHT80 MCS0	58	5290	8.81	9.00	100.00
802.11be-EHT160 MCS0	50	5250	8.58	9.00	100.00

【5.3GHz WLAN_Ant 7_Full power】

Mode	Channel	Frequency (MHz)	Ant 7		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	52	5260	18.93	19.00	99.32
	56	5280	19.26	19.50	
	60	5300	18.70	19.00	
	64	5320	18.98	19.00	
802.11n-HT20 MCS0	52	5260	18.57	19.00	100.00
	56	5280	18.41	18.50	
	60	5300	18.33	18.50	
	64	5320	18.30	18.50	
802.11n-HT40 MCS0	54	5270	18.56	19.00	100.00
	62	5310	18.23	18.50	
802.11ac-VHT20 MCS0	52	5260	18.63	19.00	100.00
	56	5280	18.48	18.50	



802.11ac-VHT40 MCS0	60	5300	18.40	18.50	100.00
	64	5320	18.36	18.50	
	54	5270	18.62	19.00	
	62	5310	18.29	18.50	
802.11ac-VHT80 MCS0	58	5290	19.20	19.50	100.00
802.11ac-VHT160 MCS0	50	5250	16.89	17.00	100.00
802.11ax-HE20 MCS0	52	5260	18.69	19.00	100.00
	56	5280	18.56	19.00	
	60	5300	18.46	18.50	
	64	5320	18.42	18.50	
802.11ax-HE40 MCS0	54	5270	18.68	19.00	100.00
802.11ax-HE80 MCS0	62	5310	18.37	18.50	100.00
802.11ax-HE160 MCS0	58	5290	19.24	19.50	100.00
802.11be-EHT20 MCS0	50	5250	16.97	17.00	100.00
802.11be-EHT40 MCS0	52	5260	18.75	19.00	100.00
	56	5280	18.64	19.00	
	60	5300	18.54	19.00	
	64	5320	18.48	18.50	
802.11be-EHT80 MCS0	54	5270	18.75	19.00	100.00
802.11be-EHT160 MCS0	62	5310	18.45	18.50	100.00
802.11be-EHT20 MCS0	58	5290	19.30	19.50	100.00
802.11be-EHT40 MCS0	50	5250	17.04	17.50	100.00

【5.3GHz WLAN_Ant 7_DSIO】

Mode	Channel	Frequency (MHz)	Ant 7		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	52	5260	18.93	19.00	99.32
	56	5280	19.26	19.50	
	60	5300	18.70	19.00	
	64	5320	18.98	19.00	
802.11n-HT20 MCS0	52	5260	18.57	19.00	100.00
	56	5280	18.41	18.50	
	60	5300	18.33	18.50	
	64	5320	18.30	18.50	
802.11n-HT40 MCS0	54	5270	18.56	19.00	100.00
	62	5310	18.23	18.50	
802.11ac-VHT20 MCS0	52	5260	18.63	19.00	100.00
	56	5280	18.48	18.50	
	60	5300	18.40	18.50	
	64	5320	18.36	18.50	
802.11ac-VHT40 MCS0	54	5270	18.62	19.00	100.00
	62	5310	18.29	18.50	
802.11ac-VHT80 MCS0	58	5290	19.20	19.50	100.00
802.11ac-VHT160 MCS0	50	5250	16.89	17.00	100.00
802.11ax-HE20 MCS0	52	5260	18.69	19.00	100.00
	56	5280	18.56	19.00	
	60	5300	18.46	18.50	
	64	5320	18.42	18.50	
802.11ax-HE40 MCS0	54	5270	18.68	19.00	100.00
	62	5310	18.37	18.50	
802.11ax-HE80 MCS0	58	5290	19.24	19.50	100.00
802.11ax-HE160 MCS0	50	5250	16.97	17.00	100.00
802.11be-EHT20 MCS0	52	5260	18.75	19.00	100.00
	56	5280	18.64	19.00	
	60	5300	18.54	19.00	
	64	5320	18.48	18.50	
802.11be-EHT40 MCS0	54	5270	18.75	19.00	100.00
	62	5310	18.45	18.50	
802.11be-EHT80 MCS0	58	5290	19.30	19.50	100.00
802.11be-EHT160 MCS0	50	5250	17.04	17.50	100.00

【5.3GHz WLAN_Ant 7_DSI7】

Mode	Channel	Frequency (MHz)	Ant 7		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	52	5260	7.54	8.00	99.32
	56	5280	7.53	8.00	
	60	5300	7.61	8.00	
	64	5320	7.88	8.00	
802.11n-HT20 MCS0	52	5260	7.56	8.00	100.00
	56	5280	7.61	8.00	
	60	5300	7.50	8.00	
	64	5320	7.59	8.00	
802.11n-HT40 MCS0	54	5270	7.52	8.00	100.00
	62	5310	7.70	8.00	
802.11ac-VHT20 MCS0	52	5260	7.68	8.00	100.00
	56	5280	7.72	8.00	
	60	5300	7.66	8.00	
	64	5320	7.51	8.00	
802.11ac-VHT40 MCS0	54	5270	7.51	8.00	100.00
	62	5310	7.71	8.00	
802.11ac-VHT80 MCS0	58	5290	7.61	8.00	100.00
802.11ac-VHT160 MCS0	50	5250	7.53	8.00	100.00
802.11ax-HE20 MCS0	52	5260	7.60	8.00	100.00
	56	5280	7.71	8.00	
	60	5300	7.52	8.00	
	64	5320	7.63	8.00	
802.11ax-HE40 MCS0	54	5270	7.51	8.00	100.00
	62	5310	7.85	8.00	
802.11ax-HE80 MCS0	58	5290	7.78	8.00	100.00
802.11ax-HE160 MCS0	50	5250	7.59	8.00	100.00
802.11be-EHT20 MCS0	52	5260	7.69	8.00	100.00
	56	5280	7.65	8.00	
	60	5300	7.65	8.00	
	64	5320	7.69	8.00	
802.11be-EHT40 MCS0	54	5270	7.50	8.00	100.00
	62	5310	7.87	8.00	
802.11be-EHT80 MCS0	58	5290	7.81	8.00	100.00
802.11be-EHT160 MCS0	50	5250	7.55	8.00	100.00

【5.3GHz WLAN_Ant 6+7_Full power】

Mode	Channel	Frequency (MHz)	Ant 6+7		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	52	5260	21.47	21.50	99.32
	56	5280	21.92	22.30	
	60	5300	21.46	21.80	
	64	5320	21.98	22.00	
802.11n-HT20 MCS0	52	5260	21.21	21.50	100.00
	56	5280	21.16	21.30	
	60	5300	21.19	21.50	
	64	5320	21.19	21.50	
802.11n-HT40 MCS0	54	5270	21.27	21.50	100.00
	62	5310	21.24	21.50	
802.11ac-VHT20 MCS0	52	5260	21.28	21.50	100.00
	56	5280	21.23	21.30	
	60	5300	21.25	21.50	
	64	5320	21.26	21.50	
802.11ac-VHT40 MCS0	54	5270	21.33	21.50	100.00
	62	5310	21.30	21.50	
802.11ac-VHT80 MCS0	58	5290	20.38	20.80	100.00
802.11ac-VHT160 MCS0	50	5250	19.64	19.80	100.00
802.11ax-HE20 MCS0	52	5260	21.34	21.50	100.00
	56	5280	21.30	21.80	
	60	5300	21.32	21.50	
	64	5320	21.33	21.50	
802.11ax-HE40 MCS0	54	5270	21.40	21.80	100.00
	62	5310	21.38	21.50	
802.11ax-HE80 MCS0	58	5290	20.46	20.80	100.00
802.11ax-HE160 MCS0	50	5250	19.71	19.80	100.00
802.11be-EHT20 MCS0	52	5260	21.41	21.80	100.00



	56	5280	21.37	21.80	
	60	5300	21.39	21.80	
	64	5320	21.39	21.50	
802.11be-EHT40 MCS0	54	5270	21.46	21.80	100.00
	62	5310	21.46	21.50	
802.11be-EHT80 MCS0	58	5290	20.53	20.80	100.00
802.11be-EHT160 MCS0	50	5250	19.78	20.00	100.00

【5.3GHz WLAN_Ant 6+7_DSI0】

Mode	Channel	Frequency (MHz)	Ant 6+7		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	52	5260	21.47	21.50	99.32
	56	5280	21.92	22.30	
	60	5300	21.46	21.80	
	64	5320	21.98	22.00	
802.11n-HT20 MCS0	52	5260	21.21	21.50	100.00
	56	5280	21.16	21.30	
	60	5300	21.19	21.50	
	64	5320	21.19	21.50	
802.11n-HT40 MCS0	54	5270	21.27	21.50	100.00
	62	5310	21.24	21.50	
802.11ac-VHT20 MCS0	52	5260	21.28	21.50	100.00
	56	5280	21.23	21.30	
	60	5300	21.25	21.50	
	64	5320	21.26	21.50	
802.11ac-VHT40 MCS0	54	5270	21.33	21.50	100.00
	62	5310	21.30	21.50	
802.11ac-VHT80 MCS0	58	5290	21.97	22.30	100.00
802.11ac-VHT160 MCS0	50	5250	19.64	19.80	100.00
802.11ax-HE20 MCS0	52	5260	21.34	21.50	100.00
	56	5280	21.30	21.80	
	60	5300	21.32	21.50	
	64	5320	21.33	21.50	
802.11ax-HE40 MCS0	54	5270	21.40	21.80	100.00
	62	5310	21.38	21.50	
802.11ax-HE80 MCS0	58	5290	22.00	22.30	100.00
802.11ax-HE160 MCS0	50	5250	19.71	19.80	100.00
802.11be-EHT20 MCS0	52	5260	21.41	21.80	100.00
	56	5280	21.37	21.80	
	60	5300	21.39	21.80	
	64	5320	21.39	21.50	
802.11be-EHT40 MCS0	54	5270	21.46	21.80	100.00
	62	5310	21.46	21.50	
802.11be-EHT80 MCS0	58	5290	22.04	22.30	100.00
802.11be-EHT160 MCS0	50	5250	19.78	20.00	100.00

【5.3GHz WLAN_Ant 6+7_DSI7】

Mode	Channel	Frequency (MHz)	Ant 6+7		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	52	5260	11.13	11.50	99.32
	56	5280	11.10	11.50	
	60	5300	11.14	11.50	
	64	5320	11.40	11.50	
802.11n-HT20 MCS0	52	5260	11.08	11.50	100.00
	56	5280	11.11	11.50	
	60	5300	11.12	11.50	
	64	5320	11.09	11.50	
802.11n-HT40 MCS0	54	5270	11.13	11.50	100.00
	62	5310	11.23	11.50	
802.11ac-VHT20 MCS0	52	5260	11.15	11.50	100.00
	56	5280	11.21	11.50	
	60	5300	11.14	11.50	
	64	5320	11.10	11.50	
802.11ac-VHT40 MCS0	54	5270	11.05	11.50	100.00
	62	5310	11.24	11.50	
802.11ac-VHT80 MCS0	58	5290	11.15	11.50	100.00
802.11ac-VHT160 MCS0	50	5250	11.10	11.50	100.00
802.11ax-HE20 MCS0	52	5260	11.21	11.50	100.00



	56	5280	11.19	11.50	
	60	5300	11.12	11.50	
	64	5320	11.17	11.50	
802.11ax-HE40 MCS0	54	5270	11.21	11.50	100.00
	62	5310	11.32	11.50	
802.11ax-HE80 MCS0	58	5290	11.28	11.50	100.00
802.11ax-HE160 MCS0	50	5250	11.14	11.50	100.00
802.11be-EHT20 MCS0	52	5260	11.21	11.50	100.00
	56	5280	11.19	11.50	
	60	5300	11.17	11.50	
	64	5320	11.23	11.50	
802.11be-EHT40 MCS0	54	5270	11.06	11.50	100.00
	62	5310	11.41	11.50	
802.11be-EHT80 MCS0	58	5290	11.35	11.50	100.00
802.11be-EHT160 MCS0	50	5250	11.11	11.50	100.00

【5.5GHz WLAN_Ant 6_Full power】

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	100	5500	18.92	19.00	99.32
	116	5580	18.89	19.00	
	124	5620	18.77	19.00	
	132	5660	18.64	19.00	
	144	5720	18.79	19.00	
802.11n-HT20 MCS0	100	5500	18.31	18.50	100.00
	116	5580	18.24	18.50	
	124	5620	18.09	18.50	
	132	5660	18.04	18.50	
	144	5720	18.10	18.50	
802.11n-HT40 MCS0	102	5510	18.38	18.50	100.00
	110	5550	18.35	18.50	
	126	5630	18.21	18.50	
	134	5670	18.12	18.50	
	142	5710	18.13	18.50	
802.11ac-VHT20 MCS0	100	5500	18.38	18.50	100.00
	116	5580	18.31	18.50	
	124	5620	18.15	18.50	
	132	5660	18.10	18.50	
	144	5720	18.18	18.50	
802.11ac-VHT40 MCS0	102	5510	18.45	18.50	100.00
	110	5550	18.43	18.50	
	126	5630	18.28	18.50	
	134	5670	18.18	18.50	
	142	5710	18.21	18.50	
802.11ac-VHT80 MCS0	106	5530	18.84	19.00	100.00
	122	5610	18.72	19.00	
	138	5690	18.46	18.50	
802.11ac-VHT160 MCS0	114	5570	17.13	17.50	100.00
802.11ax-HE20 MCS0	100	5500	18.44	18.50	100.00
	116	5580	18.38	18.50	
	124	5620	18.22	18.50	
	132	5660	18.17	18.50	
	144	5720	18.26	18.50	
802.11ax-HE40 MCS0	102	5510	18.51	19.00	100.00
	110	5550	18.51	19.00	
	126	5630	18.36	18.50	
	134	5670	18.25	18.50	
	142	5710	18.28	18.50	
802.11ax-HE80 MCS0	106	5530	18.87	19.00	100.00
	122	5610	18.78	19.00	
	138	5690	18.54	19.00	
802.11ax-HE160 MCS0	114	5570	17.22	17.50	100.00
802.11be-EHT20 MCS0	100	5500	18.51	19.00	100.00
	116	5580	18.44	18.50	
	124	5620	18.28	18.50	
	132	5660	18.23	18.50	
	144	5720	18.33	18.50	
802.11be-EHT40 MCS0	102	5510	18.59	19.00	100.00
	110	5550	18.58	19.00	
	126	5630	18.44	18.50	
	134	5670	18.33	18.50	



802.11be-EHT80 MCS0	142	5710	18.34	18.50	100.00
	106	5530	18.91	19.00	
	122	5610	18.86	19.00	
	138	5690	18.60	19.00	
802.11be-EHT160 MCS0	114	5570	17.32	17.50	100.00

【5.5GHz WLAN_Ant 6_DSI0】

			Ant 6		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	100	5500	18.92	19.00	99.32
	116	5580	18.89	19.00	
	124	5620	18.77	19.00	
	132	5660	18.64	19.00	
	144	5720	18.79	19.00	
802.11n-HT20 MCS0	100	5500	18.31	18.50	100.00
	116	5580	18.24	18.50	
	124	5620	18.09	18.50	
	132	5660	18.04	18.50	
802.11n-HT40 MCS0	100	5500	18.38	18.50	100.00
	110	5550	18.35	18.50	
	126	5630	18.21	18.50	
	134	5670	18.12	18.50	
802.11ac-VHT20 MCS0	100	5500	18.38	18.50	100.00
	116	5580	18.31	18.50	
	124	5620	18.15	18.50	
	132	5660	18.10	18.50	
802.11ac-VHT40 MCS0	100	5500	18.38	18.50	100.00
	116	5580	18.31	18.50	
	124	5620	18.15	18.50	
	132	5660	18.10	18.50	
802.11ac-VHT80 MCS0	100	5500	18.38	18.50	100.00
	116	5580	18.31	18.50	
	124	5620	18.15	18.50	
	132	5660	18.10	18.50	
802.11ac-VHT160 MCS0	100	5500	18.38	18.50	100.00
	116	5580	18.31	18.50	
	124	5620	18.15	18.50	
	132	5660	18.10	18.50	
802.11ax-HE20 MCS0	100	5500	18.44	18.50	100.00
	116	5580	18.38	18.50	
	124	5620	18.22	18.50	
	132	5660	18.17	18.50	
802.11ax-HE40 MCS0	100	5500	18.44	18.50	100.00
	116	5580	18.38	18.50	
	124	5620	18.22	18.50	
	132	5660	18.17	18.50	
802.11ax-HE80 MCS0	100	5500	18.44	18.50	100.00
	116	5580	18.38	18.50	
	124	5620	18.22	18.50	
	132	5660	18.17	18.50	
802.11ax-HE160 MCS0	100	5500	18.44	18.50	100.00
	116	5580	18.38	18.50	
	124	5620	18.22	18.50	
	132	5660	18.17	18.50	
802.11be-EHT20 MCS0	100	5500	18.44	18.50	100.00
	116	5580	18.38	18.50	
	124	5620	18.22	18.50	
	132	5660	18.17	18.50	
802.11be-EHT40 MCS0	100	5500	18.44	18.50	100.00
	116	5580	18.38	18.50	
	124	5620	18.22	18.50	
	132	5660	18.17	18.50	
802.11be-EHT80 MCS0	100	5500	18.44	18.50	100.00
	116	5580	18.38	18.50	
	124	5620	18.22	18.50	
	132	5660	18.17	18.50	
802.11be-EHT160 MCS0	100	5500	18.44	18.50	100.00
	116	5580	18.38	18.50	
	124	5620	18.22	18.50	
	132	5660	18.17	18.50	



【5.5GHz WLAN_Ant 6_DSI7】

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	100	5500	8.34	8.50	99.32
	116	5580	8.37	8.50	
	124	5620	8.26	8.50	
	132	5660	8.06	8.50	
	144	5720	8.28	8.50	
802.11n-HT20 MCS0	100	5500	8.26	8.50	100.00
	116	5580	8.12	8.50	
	124	5620	8.04	8.50	
	132	5660	8.02	8.50	
	144	5720	8.06	8.50	
802.11n-HT40 MCS0	102	5510	8.29	8.50	100.00
	110	5550	8.31	8.50	
	126	5630	8.10	8.50	
	134	5670	8.07	8.50	
	142	5710	8.08	8.50	
802.11ac-VHT20 MCS0	100	5500	8.24	8.50	100.00
	116	5580	8.21	8.50	
	124	5620	8.05	8.50	
	132	5660	8.04	8.50	
	144	5720	8.06	8.50	
802.11ac-VHT40 MCS0	102	5510	8.40	8.50	100.00
	110	5550	8.34	8.50	
	126	5630	8.14	8.50	
	134	5670	8.13	8.50	
	142	5710	8.16	8.50	
802.11ac-VHT80 MCS0	106	5530	8.33	8.50	100.00
	122	5610	8.22	8.50	
	138	5690	8.11	8.50	
802.11ac-VHT160 MCS0	114	5570	8.06	8.50	100.00
802.11ax-HE20 MCS0	100	5500	8.41	8.50	100.00
	116	5580	8.32	8.50	
	124	5620	8.12	8.50	
	132	5660	8.09	8.50	
	144	5720	8.16	8.50	
802.11ax-HE40 MCS0	102	5510	8.45	8.50	100.00
	110	5550	8.44	8.50	
	126	5630	8.32	8.50	
	134	5670	8.16	8.50	
	142	5710	8.16	8.50	
802.11ax-HE80 MCS0	106	5530	8.45	8.50	100.00
	122	5610	8.35	8.50	
	138	5690	8.30	8.50	
802.11ax-HE160 MCS0	114	5570	8.08	8.50	100.00
802.11be-EHT20 MCS0	100	5500	8.46	8.50	100.00
	116	5580	8.37	8.50	
	124	5620	8.23	8.50	
	132	5660	8.09	8.50	
	144	5720	8.23	8.50	
802.11be-EHT40 MCS0	102	5510	8.42	8.50	100.00
	110	5550	8.46	8.50	
	126	5630	8.32	8.50	
	134	5670	8.24	8.50	
	142	5710	8.30	8.50	
802.11be-EHT80 MCS0	106	5530	8.41	8.50	100.00
	122	5610	8.42	8.50	
	138	5690	8.26	8.50	
802.11be-EHT160 MCS0	114	5570	8.06	8.50	100.00



【5.5GHz WLAN_Ant 7_Full power】

Mode	Channel	Frequency (MHz)	Ant 7		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	100	5500	19.36	19.50	99.32
	116	5580	19.51	20.00	
	124	5620	19.31	19.50	
	132	5660	19.25	19.50	
	144	5720	19.27	19.50	
802.11n-HT20 MCS0	100	5500	18.54	19.00	100.00
	116	5580	18.73	19.00	
	124	5620	18.67	19.00	
	132	5660	18.44	18.50	
	144	5720	18.54	19.00	
802.11n-HT40 MCS0	102	5510	18.60	19.00	100.00
	110	5550	18.73	19.00	
	126	5630	18.52	19.00	
	134	5670	18.50	19.00	
	142	5710	18.55	19.00	
802.11ac-VHT20 MCS0	100	5500	18.60	19.00	100.00
	116	5580	18.79	19.00	
	124	5620	18.74	19.00	
	132	5660	18.51	19.00	
	144	5720	18.61	19.00	
802.11ac-VHT40 MCS0	102	5510	18.66	19.00	100.00
	110	5550	18.81	19.00	
	126	5630	18.59	19.00	
	134	5670	18.58	19.00	
	142	5710	18.61	19.00	
802.11ac-VHT80 MCS0	106	5530	19.54	20.00	100.00
	122	5610	19.47	19.50	
	138	5690	19.24	19.50	
802.11ac-VHT160 MCS0	114	5570	18.18	18.50	100.00
802.11ax-HE20 MCS0	100	5500	18.67	19.00	100.00
	116	5580	18.87	19.00	
	124	5620	18.81	19.00	
	132	5660	18.59	19.00	
	144	5720	18.69	19.00	
802.11ax-HE40 MCS0	102	5510	18.74	19.00	100.00
	110	5550	18.89	19.00	
	126	5630	18.66	19.00	
	134	5670	18.65	19.00	
	142	5710	18.68	19.00	
802.11ax-HE80 MCS0	106	5530	19.58	20.00	100.00
	122	5610	19.56	20.00	
	138	5690	19.33	19.50	
802.11ax-HE160 MCS0	114	5570	18.21	18.50	100.00
802.11be-EHT20 MCS0	100	5500	18.73	19.00	100.00
	116	5580	18.95	19.00	
	124	5620	18.87	19.00	
	132	5660	18.67	19.00	
	144	5720	18.75	19.00	
802.11be-EHT40 MCS0	102	5510	18.81	19.00	100.00
	110	5550	18.96	19.00	
	126	5630	18.73	19.00	
	134	5670	18.72	19.00	
	142	5710	18.74	19.00	
802.11be-EHT80 MCS0	106	5530	19.61	20.00	100.00
	122	5610	19.63	20.00	
	138	5690	19.43	19.50	
802.11be-EHT160 MCS0	114	5570	18.27	18.50	100.00



【5.5GHz WLAN_Ant 7_DSI0】

Mode	Channel	Frequency (MHz)	Ant 7		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	100	5500	19.36	19.50	99.32
	116	5580	19.51	20.00	
	124	5620	19.31	19.50	
	132	5660	19.25	19.50	
	144	5720	19.27	19.50	
802.11n-HT20 MCS0	100	5500	18.54	19.00	100.00
	116	5580	18.73	19.00	
	124	5620	18.67	19.00	
	132	5660	18.44	18.50	
	144	5720	18.54	19.00	
802.11n-HT40 MCS0	102	5510	18.60	19.00	100.00
	110	5550	18.73	19.00	
	126	5630	18.52	19.00	
	134	5670	18.50	19.00	
	142	5710	18.55	19.00	
802.11ac-VHT20 MCS0	100	5500	18.60	19.00	100.00
	116	5580	18.79	19.00	
	124	5620	18.74	19.00	
	132	5660	18.51	19.00	
	144	5720	18.61	19.00	
802.11ac-VHT40 MCS0	102	5510	18.66	19.00	100.00
	110	5550	18.81	19.00	
	126	5630	18.59	19.00	
	134	5670	18.58	19.00	
	142	5710	18.61	19.00	
802.11ac-VHT80 MCS0	106	5530	19.54	20.00	100.00
	122	5610	19.47	19.50	
	138	5690	19.24	19.50	
802.11ac-VHT160 MCS0	114	5570	18.18	18.50	100.00
802.11ax-HE20 MCS0	100	5500	18.67	19.00	100.00
	116	5580	18.87	19.00	
	124	5620	18.81	19.00	
	132	5660	18.59	19.00	
	144	5720	18.69	19.00	
802.11ax-HE40 MCS0	102	5510	18.74	19.00	100.00
	110	5550	18.89	19.00	
	126	5630	18.66	19.00	
	134	5670	18.65	19.00	
	142	5710	18.68	19.00	
802.11ax-HE80 MCS0	106	5530	19.58	20.00	100.00
	122	5610	19.56	20.00	
	138	5690	19.33	19.50	
802.11ax-HE160 MCS0	114	5570	18.21	18.50	100.00
802.11be-EHT20 MCS0	100	5500	18.73	19.00	100.00
	116	5580	18.95	19.00	
	124	5620	18.87	19.00	
	132	5660	18.67	19.00	
	144	5720	18.75	19.00	
802.11be-EHT40 MCS0	102	5510	18.81	19.00	100.00
	110	5550	18.96	19.00	
	126	5630	18.73	19.00	
	134	5670	18.72	19.00	
	142	5710	18.74	19.00	
802.11be-EHT80 MCS0	106	5530	19.61	20.00	100.00
	122	5610	19.63	20.00	
	138	5690	19.43	19.50	
802.11be-EHT160 MCS0	114	5570	18.27	18.50	100.00



【5.5GHz WLAN_Ant 7_DSI7】

Mode	Channel	Frequency (MHz)	Ant 7		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	100	5500	5.83	6.00	99.32
	116	5580	5.87	6.00	
	124	5620	5.65	6.00	
	132	5660	5.63	6.00	
	144	5720	5.77	6.00	
802.11n-HT20 MCS0	100	5500	5.71	6.00	100.00
	116	5580	5.72	6.00	
	124	5620	5.56	6.00	
	132	5660	5.57	6.00	
	144	5720	5.68	6.00	
802.11n-HT40 MCS0	102	5510	5.81	6.00	100.00
	110	5550	5.80	6.00	
	126	5630	5.64	6.00	
	134	5670	5.60	6.00	
	142	5710	5.57	6.00	
802.11ac-VHT20 MCS0	100	5500	5.78	6.00	100.00
	116	5580	5.75	6.00	
	124	5620	5.55	6.00	
	132	5660	5.54	6.00	
	144	5720	5.66	6.00	
802.11ac-VHT40 MCS0	102	5510	5.83	6.00	100.00
	110	5550	5.80	6.00	
	126	5630	5.69	6.00	
	134	5670	5.65	6.00	
	142	5710	5.63	6.00	
802.11ac-VHT80 MCS0	106	5530	5.90	6.00	100.00
	122	5610	5.82	6.00	
	138	5690	5.61	6.00	
802.11ac-VHT160 MCS0	114	5570	5.63	6.00	100.00
802.11ax-HE20 MCS0	100	5500	5.87	6.00	100.00
	116	5580	5.77	6.00	
	124	5620	5.67	6.00	
	132	5660	5.58	6.00	
	144	5720	5.66	6.00	
802.11ax-HE40 MCS0	102	5510	5.96	6.00	100.00
	110	5550	5.90	6.00	
	126	5630	5.76	6.00	
	134	5670	5.68	6.00	
	142	5710	5.72	6.00	
802.11ax-HE80 MCS0	106	5530	5.92	6.00	100.00
	122	5610	5.87	6.00	
	138	5690	5.79	6.00	
802.11ax-HE160 MCS0	114	5570	5.62	6.00	100.00
802.11be-EHT20 MCS0	100	5500	5.91	6.00	100.00
	116	5580	5.84	6.00	
	124	5620	5.67	6.00	
	132	5660	5.64	6.00	
	144	5720	5.73	6.00	
802.11be-EHT40 MCS0	102	5510	5.69	6.00	100.00
	110	5550	5.96	6.00	
	126	5630	5.86	6.00	
	134	5670	5.76	6.00	
	142	5710	5.74	6.00	
802.11be-EHT80 MCS0	106	5530	5.98	6.00	100.00
	122	5610	5.94	6.00	
	138	5690	5.79	6.00	
802.11be-EHT160 MCS0	114	5570	5.59	6.00	100.00



【5.5GHz WLAN_Ant 6+7_Full power】

Mode	Channel	Frequency (MHz)	Ant 6+7		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	100	5500	22.16	22.30	99.32
	116	5580	22.22	22.50	
	124	5620	22.06	22.30	
	132	5660	21.97	22.30	
	144	5720	22.05	22.30	
802.11n-HT20 MCS0	100	5500	21.44	21.80	100.00
	116	5580	21.50	21.80	
	124	5620	21.40	21.80	
	132	5660	21.25	21.50	
	144	5720	21.34	21.80	
802.11n-HT40 MCS0	102	5510	21.50	21.80	100.00
	110	5550	21.55	21.80	
	126	5630	21.38	21.80	
	134	5670	21.32	21.80	
	142	5710	21.36	21.80	
802.11ac-VHT20 MCS0	100	5500	21.50	21.80	100.00
	116	5580	21.57	21.80	
	124	5620	21.47	21.80	
	132	5660	21.32	21.80	
	144	5720	21.41	21.80	
802.11ac-VHT40 MCS0	102	5510	21.57	21.80	100.00
	110	5550	21.63	21.80	
	126	5630	21.45	21.80	
	134	5670	21.39	21.80	
	142	5710	21.42	21.80	
802.11ac-VHT80 MCS0	106	5530	22.21	22.50	100.00
	122	5610	22.12	22.30	
	138	5690	21.88	22.00	
802.11ac-VHT160 MCS0	114	5570	20.70	21.00	100.00
802.11ax-HE20 MCS0	100	5500	21.57	21.80	100.00
	116	5580	21.64	21.80	
	124	5620	21.54	21.80	
	132	5660	21.40	21.80	
	144	5720	21.49	21.80	
802.11ax-HE40 MCS0	102	5510	21.64	22.00	100.00
	110	5550	21.71	22.00	
	126	5630	21.52	21.80	
	134	5670	21.46	21.80	
	142	5710	21.49	21.80	
802.11ax-HE80 MCS0	106	5530	22.25	22.50	100.00
	122	5610	22.20	22.50	
	138	5690	21.96	22.30	
802.11ax-HE160 MCS0	114	5570	20.75	21.00	100.00
802.11be-EHT20 MCS0	100	5500	21.63	22.00	100.00
	116	5580	21.71	21.80	
	124	5620	21.60	21.80	
	132	5660	21.47	21.80	
	144	5720	21.56	21.80	
802.11be-EHT40 MCS0	102	5510	21.71	22.00	100.00
	110	5550	21.78	22.00	
	126	5630	21.60	21.80	
	134	5670	21.54	21.80	
	142	5710	21.55	21.80	
802.11be-EHT80 MCS0	106	5530	22.28	22.50	100.00
	122	5610	22.27	22.50	
	138	5690	22.05	22.30	
802.11be-EHT160 MCS0	114	5570	20.83	21.00	100.00



【5.5GHz WLAN_Ant 6+7_DSI0】

Mode	Channel	Frequency (MHz)	Ant 6+7		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	100	5500	22.16	22.30	99.32
	116	5580	22.22	22.50	
	124	5620	22.06	22.30	
	132	5660	21.97	22.30	
	144	5720	22.05	22.30	
802.11n-HT20 MCS0	100	5500	21.44	21.80	100.00
	116	5580	21.50	21.80	
	124	5620	21.40	21.80	
	132	5660	21.25	21.50	
	144	5720	21.34	21.80	
802.11n-HT40 MCS0	102	5510	21.50	21.80	100.00
	110	5550	21.55	21.80	
	126	5630	21.38	21.80	
	134	5670	21.32	21.80	
	142	5710	21.36	21.80	
802.11ac-VHT20 MCS0	100	5500	21.50	21.80	100.00
	116	5580	21.57	21.80	
	124	5620	21.47	21.80	
	132	5660	21.32	21.80	
	144	5720	21.41	21.80	
802.11ac-VHT40 MCS0	102	5510	21.57	21.80	100.00
	110	5550	21.63	21.80	
	126	5630	21.45	21.80	
	134	5670	21.39	21.80	
	142	5710	21.42	21.80	
802.11ac-VHT80 MCS0	106	5530	22.21	22.50	100.00
	122	5610	22.12	22.30	
	138	5690	21.88	22.00	
802.11ac-VHT160 MCS0	114	5570	20.70	21.00	100.00
802.11ax-HE20 MCS0	100	5500	21.57	21.80	100.00
	116	5580	21.64	21.80	
	124	5620	21.54	21.80	
	132	5660	21.40	21.80	
	144	5720	21.49	21.80	
802.11ax-HE40 MCS0	102	5510	21.64	22.00	100.00
	110	5550	21.71	22.00	
	126	5630	21.52	21.80	
	134	5670	21.46	21.80	
	142	5710	21.49	21.80	
802.11ax-HE80 MCS0	106	5530	22.25	22.50	100.00
	122	5610	22.20	22.50	
	138	5690	21.96	22.30	
802.11ax-HE160 MCS0	114	5570	20.75	21.00	100.00
802.11be-EHT20 MCS0	100	5500	21.63	22.00	100.00
	116	5580	21.71	21.80	
	124	5620	21.60	21.80	
	132	5660	21.47	21.80	
	144	5720	21.56	21.80	
802.11be-EHT40 MCS0	102	5510	21.71	22.00	100.00
	110	5550	21.78	22.00	
	126	5630	21.60	21.80	
	134	5670	21.54	21.80	
	142	5710	21.55	21.80	
802.11be-EHT80 MCS0	106	5530	22.28	22.50	100.00
	122	5610	22.27	22.50	
	138	5690	22.05	22.30	
802.11be-EHT160 MCS0	114	5570	20.83	21.00	100.00



【5.5GHz WLAN_Ant 6+7_DSI7】

Mode	Channel	Frequency (MHz)	Ant 6+7		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	100	5500	10.27	10.40	99.32
	116	5580	10.31	10.40	
	124	5620	10.16	10.40	
	132	5660	10.02	10.40	
	144	5720	10.21	10.40	
802.11n-HT20 MCS0	100	5500	10.18	10.40	100.00
	116	5580	10.09	10.40	
	124	5620	9.98	10.40	
	132	5660	9.98	10.40	
	144	5720	10.04	10.40	
802.11n-HT40 MCS0	102	5510	10.23	10.40	100.00
	110	5550	10.24	10.40	
	126	5630	10.05	10.40	
	134	5670	10.02	10.40	
	142	5710	10.01	10.40	
802.11ac-VHT20 MCS0	100	5500	10.19	10.40	100.00
	116	5580	10.16	10.40	
	124	5620	9.99	10.40	
	132	5660	9.98	10.40	
	144	5720	10.03	10.40	
802.11ac-VHT40 MCS0	102	5510	10.31	10.40	100.00
	110	5550	10.26	10.40	
	126	5630	10.10	10.40	
	134	5670	10.07	10.40	
	142	5710	10.09	10.40	
802.11ac-VHT80 MCS0	106	5530	10.29	10.40	100.00
	122	5610	10.19	10.40	
	138	5690	10.05	10.40	
802.11ac-VHT160 MCS0	114	5570	10.02	10.40	100.00
802.11ax-HE20 MCS0	100	5500	10.33	10.40	100.00
	116	5580	10.24	10.40	
	124	5620	10.08	10.40	
	132	5660	10.02	10.40	
	144	5720	10.10	10.40	
802.11ax-HE40 MCS0	102	5510	10.39	10.40	100.00
	110	5550	10.36	10.40	
	126	5630	10.24	10.40	
	134	5670	10.10	10.40	
	142	5710	10.12	10.40	
802.11ax-HE80 MCS0	106	5530	10.38	10.40	100.00
	122	5610	10.29	10.40	
	138	5690	10.23	10.40	
802.11ax-HE160 MCS0	114	5570	10.03	10.40	100.00
802.11be-EHT20 MCS0	100	5500	10.38	10.40	100.00
	116	5580	10.30	10.40	
	124	5620	10.15	10.40	
	132	5660	10.05	10.40	
	144	5720	10.17	10.40	
802.11be-EHT40 MCS0	102	5510	10.28	10.40	100.00
	110	5550	10.40	10.40	
	126	5630	10.27	10.40	
	134	5670	10.18	10.40	
	142	5710	10.22	10.40	
802.11be-EHT80 MCS0	106	5530	10.37	10.40	100.00
	122	5610	10.36	10.40	
	138	5690	10.21	10.40	
802.11be-EHT160 MCS0	114	5570	10.01	10.40	100.00

【5.8GHz WLAN_Ant 6_Full power】

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	149	5745	19.06	19.50	99.32
	157	5785	18.99	19.00	
	165	5825	18.99	19.00	
802.11n-HT20 MCS0	149	5745	18.26	18.50	100.00
	157	5785	18.31	18.50	
	165	5825	18.27	18.50	
802.11n-HT40 MCS0	151	5755	18.34	18.50	100.00
	159	5795	18.41	18.50	
802.11ac-VHT20 MCS0	149	5745	18.34	18.50	100.00
	157	5785	18.39	18.50	
	165	5825	18.34	18.50	
802.11ac-VHT40 MCS0	151	5755	18.41	18.50	100.00
	159	5795	18.49	18.50	
802.11ac-VHT80 MCS0	155	5775	18.62	19.00	100.00
802.11ax-HE20 MCS0	149	5745	18.40	18.50	100.00
	157	5785	18.45	18.50	
	165	5825	18.40	18.50	
802.11ax-HE40 MCS0	151	5755	18.49	18.50	100.00
	159	5795	18.56	19.00	
802.11ax-HE80 MCS0	155	5775	18.66	19.00	100.00
802.11be-EHT20 MCS0	149	5745	18.48	18.50	100.00
	157	5785	18.51	19.00	
	165	5825	18.48	18.50	
802.11be-EHT40 MCS0	151	5755	18.57	19.00	100.00
	159	5795	18.63	19.00	
802.11be-EHT80 MCS0	155	5775	18.69	19.00	100.00

【5.8GHz WLAN_Ant 6_DSI0】

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	149	5745	19.06	19.50	99.32
	157	5785	18.99	19.00	
	165	5825	18.99	19.00	
802.11n-HT20 MCS0	149	5745	18.26	18.50	100.00
	157	5785	18.31	18.50	
	165	5825	18.27	18.50	
802.11n-HT40 MCS0	151	5755	18.34	18.50	100.00
	159	5795	18.41	18.50	
802.11ac-VHT20 MCS0	149	5745	18.34	18.50	100.00
	157	5785	18.39	18.50	
	165	5825	18.34	18.50	
802.11ac-VHT40 MCS0	151	5755	18.41	18.50	100.00
	159	5795	18.49	18.50	
802.11ac-VHT80 MCS0	155	5775	18.62	19.00	100.00
802.11ax-HE20 MCS0	149	5745	18.40	18.50	100.00
	157	5785	18.45	18.50	
	165	5825	18.40	18.50	
802.11ax-HE40 MCS0	151	5755	18.49	18.50	100.00
	159	5795	18.56	19.00	
802.11ax-HE80 MCS0	155	5775	18.66	19.00	100.00
802.11be-EHT20 MCS0	149	5745	18.48	18.50	100.00
	157	5785	18.51	19.00	
	165	5825	18.48	18.50	
802.11be-EHT40 MCS0	151	5755	18.57	19.00	100.00
	159	5795	18.63	19.00	
802.11be-EHT80 MCS0	155	5775	18.69	19.00	100.00

【5.8GHz WLAN_Ant 6_DSI7】

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	149	5745	10.43	10.50	99.32
	157	5785	10.42	10.50	
	165	5825	10.41	10.50	
802.11n-HT20 MCS0	149	5745	10.29	10.50	100.00
	157	5785	10.29	10.50	
	165	5825	10.23	10.50	
802.11n-HT40 MCS0	151	5755	10.34	10.50	100.00
	159	5795	10.38	10.50	
802.11ac-VHT20 MCS0	149	5745	10.28	10.50	100.00
	157	5785	10.40	10.50	
	165	5825	10.39	10.50	
802.11ac-VHT40 MCS0	151	5755	10.44	10.50	100.00
	159	5795	10.46	10.50	
802.11ac-VHT80 MCS0	155	5775	10.45	10.50	100.00
802.11ax-HE20 MCS0	149	5745	10.43	10.50	100.00
	157	5785	10.46	10.50	
	165	5825	10.42	10.50	
802.11ax-HE40 MCS0	151	5755	10.48	10.50	100.00
	159	5795	10.46	10.50	
802.11ax-HE80 MCS0	155	5775	10.45	10.50	100.00
802.11be-EHT20 MCS0	149	5745	10.48	10.50	100.00
	157	5785	10.36	10.50	
	165	5825	10.44	10.50	
802.11be-EHT40 MCS0	151	5755	10.46	10.50	100.00
	159	5795	10.47	10.50	
802.11be-EHT80 MCS0	155	5775	10.44	10.50	100.00

【5.8GHz WLAN_Ant 7_Full power】

Mode	Channel	Frequency (MHz)	Ant 7		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	149	5745	19.45	19.50	99.32
	157	5785	19.47	19.50	
	165	5825	19.36	19.50	
802.11n-HT20 MCS0	149	5745	18.69	19.00	100.00
	157	5785	18.59	19.00	
	165	5825	18.46	18.50	
802.11n-HT40 MCS0	151	5755	18.74	19.00	100.00
	159	5795	18.66	19.00	
802.11ac-VHT20 MCS0	149	5745	18.77	19.00	100.00
	157	5785	18.67	19.00	
	165	5825	18.54	19.00	
802.11ac-VHT40 MCS0	151	5755	18.82	19.00	100.00
	159	5795	18.73	19.00	
802.11ac-VHT80 MCS0	155	5775	19.38	19.50	100.00
802.11ax-HE20 MCS0	149	5745	18.84	19.00	100.00
	157	5785	18.75	19.00	
	165	5825	18.61	19.00	
802.11ax-HE40 MCS0	151	5755	18.90	19.00	100.00
	159	5795	18.81	19.00	
802.11ax-HE80 MCS0	155	5775	19.45	19.50	100.00
802.11be-EHT20 MCS0	149	5745	18.92	19.00	100.00
	157	5785	18.82	19.00	
	165	5825	18.68	19.00	
802.11be-EHT40 MCS0	151	5755	18.96	19.00	100.00
	159	5795	18.88	19.00	
802.11be-EHT80 MCS0	155	5775	19.52	20.00	100.00

【5.8GHz WLAN_Ant 7_DSI0】

Mode	Channel	Frequency (MHz)	Ant 7		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	149	5745	19.45	19.50	99.32
	157	5785	19.47	19.50	
	165	5825	19.36	19.50	
802.11n-HT20 MCS0	149	5745	18.69	19.00	100.00
	157	5785	18.59	19.00	
	165	5825	18.46	18.50	
802.11n-HT40 MCS0	151	5755	18.74	19.00	100.00
	159	5795	18.66	19.00	
802.11ac-VHT20 MCS0	149	5745	18.77	19.00	100.00
	157	5785	18.67	19.00	
	165	5825	18.54	19.00	
802.11ac-VHT40 MCS0	151	5755	18.82	19.00	100.00
	159	5795	18.73	19.00	
802.11ac-VHT80 MCS0	155	5775	19.38	19.50	100.00
802.11ax-HE20 MCS0	149	5745	18.84	19.00	100.00
	157	5785	18.75	19.00	
	165	5825	18.61	19.00	
802.11ax-HE40 MCS0	151	5755	18.90	19.00	100.00
	159	5795	18.81	19.00	
802.11ax-HE80 MCS0	155	5775	19.45	19.50	100.00
802.11be-EHT20 MCS0	149	5745	18.92	19.00	100.00
	157	5785	18.82	19.00	
	165	5825	18.68	19.00	
802.11be-EHT40 MCS0	151	5755	18.96	19.00	100.00
	159	5795	18.88	19.00	
802.11be-EHT80 MCS0	155	5775	19.52	20.00	100.00

【5.8GHz WLAN_Ant 7_DSI7】

Mode	Channel	Frequency (MHz)	Ant 7		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	149	5745	7.40	7.50	99.32
	157	5785	7.42	7.50	
	165	5825	7.41	7.50	
802.11n-HT20 MCS0	149	5745	7.21	7.50	100.00
	157	5785	7.34	7.50	
	165	5825	7.23	7.50	
802.11n-HT40 MCS0	151	5755	7.30	7.50	100.00
	159	5795	7.45	7.50	
802.11ac-VHT20 MCS0	149	5745	7.38	7.50	100.00
	157	5785	7.34	7.50	
	165	5825	7.37	7.50	
802.11ac-VHT40 MCS0	151	5755	7.43	7.50	100.00
	159	5795	7.48	7.50	
802.11ac-VHT80 MCS0	155	5775	7.37	7.50	100.00
802.11ax-HE20 MCS0	149	5745	7.39	7.50	100.00
	157	5785	7.49	7.50	
	165	5825	7.41	7.50	
802.11ax-HE40 MCS0	151	5755	7.43	7.50	100.00
	159	5795	7.40	7.50	
802.11ax-HE80 MCS0	155	5775	7.42	7.50	100.00
802.11be-EHT20 MCS0	149	5745	7.48	7.50	100.00
	157	5785	7.41	7.50	
	165	5825	7.43	7.50	
802.11be-EHT40 MCS0	151	5755	7.47	7.50	100.00
	159	5795	7.38	7.50	
802.11be-EHT80 MCS0	155	5775	7.40	7.50	100.00

【5.8GHz WLAN_Ant 6+7_Full power】

Mode	Channel	Frequency (MHz)	Ant 6+7		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	149	5745	22.27	22.50	99.32
	157	5785	22.25	22.30	
	165	5825	22.19	22.30	
802.11n-HT20 MCS0	149	5745	21.49	21.80	100.00
	157	5785	21.46	21.80	
	165	5825	21.38	21.50	
802.11n-HT40 MCS0	151	5755	21.55	21.80	100.00
	159	5795	21.55	21.80	
802.11ac-VHT20 MCS0	149	5745	21.57	21.80	100.00
	157	5785	21.54	21.80	
	165	5825	21.45	21.80	
802.11ac-VHT40 MCS0	151	5755	21.63	21.80	100.00
	159	5795	21.62	21.80	
802.11ac-VHT80 MCS0	155	5775	22.03	22.30	100.00
802.11ax-HE20 MCS0	149	5745	21.64	21.80	100.00
	157	5785	21.61	21.80	
	165	5825	21.52	21.80	
802.11ax-HE40 MCS0	151	5755	21.71	21.80	100.00
	159	5795	21.70	22.00	
802.11ax-HE80 MCS0	155	5775	22.08	22.30	100.00
802.11be-EHT20 MCS0	149	5745	21.72	21.80	100.00
	157	5785	21.68	22.00	
	165	5825	21.59	21.80	
802.11be-EHT40 MCS0	151	5755	21.78	22.00	100.00
	159	5795	21.77	22.00	
802.11be-EHT80 MCS0	155	5775	22.14	22.50	100.00

【5.8GHz WLAN_Ant 6+7_DSI0】

Mode	Channel	Frequency (MHz)	Ant 6+7		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	149	5745	22.27	22.50	99.32
	157	5785	22.25	22.30	
	165	5825	22.19	22.30	
802.11n-HT20 MCS0	149	5745	21.49	21.80	100.00
	157	5785	21.46	21.80	
	165	5825	21.38	21.50	
802.11n-HT40 MCS0	151	5755	21.55	21.80	100.00
	159	5795	21.55	21.80	
802.11ac-VHT20 MCS0	149	5745	21.57	21.80	100.00
	157	5785	21.54	21.80	
	165	5825	21.45	21.80	
802.11ac-VHT40 MCS0	151	5755	21.63	21.80	100.00
	159	5795	21.62	21.80	
802.11ac-VHT80 MCS0	155	5775	22.03	22.30	100.00
802.11ax-HE20 MCS0	149	5745	21.64	21.80	100.00
	157	5785	21.61	21.80	
	165	5825	21.52	21.80	
802.11ax-HE40 MCS0	151	5755	21.71	21.80	100.00
	159	5795	21.70	22.00	
802.11ax-HE80 MCS0	155	5775	22.08	22.30	100.00
802.11be-EHT20 MCS0	149	5745	21.72	21.80	100.00
	157	5785	21.68	22.00	
	165	5825	21.59	21.80	
802.11be-EHT40 MCS0	151	5755	21.78	22.00	100.00
	159	5795	21.77	22.00	
802.11be-EHT80 MCS0	155	5775	22.14	22.50	100.00

【5.8GHz WLAN_Ant 6+7_DSI7】

Mode	Channel	Frequency (MHz)	Ant 6+7		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	149	5745	12.18	12.30	99.32
	157	5785	12.18	12.30	
	165	5825	12.17	12.30	
802.11n-HT20 MCS0	149	5745	12.03	12.30	100.00
	157	5785	12.07	12.30	
	165	5825	11.99	12.30	
802.11n-HT40 MCS0	151	5755	12.09	12.30	100.00
	159	5795	12.17	12.30	
802.11ac-VHT20 MCS0	149	5745	12.08	12.30	100.00
	157	5785	12.14	12.30	
	165	5825	12.15	12.30	
802.11ac-VHT40 MCS0	151	5755	12.20	12.30	100.00
	159	5795	12.23	12.30	
802.11ac-VHT80 MCS0	155	5775	12.19	12.30	100.00
802.11ax-HE20 MCS0	149	5745	12.18	12.30	100.00
	157	5785	12.23	12.30	
	165	5825	12.18	12.30	
802.11ax-HE40 MCS0	151	5755	12.23	12.30	100.00
	159	5795	12.20	12.30	
802.11ax-HE80 MCS0	155	5775	12.20	12.30	100.00
802.11be-EHT20 MCS0	149	5745	12.24	12.30	100.00
	157	5785	12.14	12.30	
	165	5825	12.20	12.30	
802.11be-EHT40 MCS0	151	5755	12.23	12.30	100.00
	159	5795	12.20	12.30	
802.11be-EHT80 MCS0	155	5775	12.19	12.30	100.00

<6GHz WLAN> standard client

	Band	Mode	Channel	Frequency (MHz)	Ant 6 Full Power/DSI 0		Ant 7 Full Power/DSI 0		Ant 6+7 Full Power/DSI 0		Ant 6 DSI 7		Ant 7 DSI 7		Ant 6+7 DSI 7		Duty Cycle %
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
WiFi 6E	UNII 5 (5.925-6.425GHz)	802.11a 6Mbps	1	5955	18.86	19.00	19.15	19.50	22.02	22.50		11.50		9.00		13.40	98.97
			49	6195	18.97	19.00	18.92	19.00	21.96	22.00		11.50		9.00		13.40	
			93	6415	19.19	19.50	19.17	19.50	22.20	22.50		11.50		9.00		13.40	
		802.11ax-HE20 MCS0	1	5955	18.19	18.50	18.46	18.50	21.34	21.50		11.50		9.00		13.40	100.00
			49	6195	18.25	18.50	18.15	18.50	21.21	21.50		11.50		9.00		13.40	
			93	6415	18.60	19.00	18.54	19.00	21.58	22.00		11.50		9.00		13.40	
		802.11ax-HE40 MCS0	3	5965	18.24	18.50	18.46	18.50	21.36	21.50		11.50		9.00		13.40	100.00
			51	6205	18.47	18.50	18.37	18.50	21.43	21.50		11.50		9.00		13.40	
			91	6405	18.37	18.50	18.39	18.50	21.39	21.50		11.50		9.00		13.40	
		802.11ax-HE80 MCS0	7	5985	17.41	17.50	17.70	18.00	20.57	21.00		11.50		9.00		13.40	100.00
			55	6225	17.53	18.00	17.56	18.00	20.56	21.00		11.50		9.00		13.40	
			87	6385	17.54	18.00	17.58	18.00	20.57	21.00		11.50		9.00		13.40	
		802.11ax-HE160 MCS0	15	6025	17.69	18.00	17.12	17.50	20.42	20.50		11.50		9.00		13.40	100.00
			47	6185	17.32	17.50	17.31	17.50	20.33	20.50		11.50		9.00		13.40	
			1	5955	18.25	18.50	18.53	19.00	21.40	21.50		11.50		9.00		13.40	100.00
		802.11ax-EHT20 MCS0	49	6195	18.33	18.50	18.22	18.50	21.29	21.50		11.50		9.00		13.40	
			93	6415	18.66	19.00	18.60	19.00	21.64	22.00		11.50		9.00		13.40	
		802.11ax-EHT40 MCS0	3	5965	18.32	18.50	18.53	19.00	21.44	21.50		11.50		9.00		13.40	100.00
			51	6205	18.53	19.00	18.43	18.50	21.49	21.50		11.50		9.00		13.40	
			91	6405	18.43	18.50	18.45	18.50	21.45	21.50		11.50		9.00		13.40	
		802.11ax-EHT80 MCS0	7	5985	17.48	17.50	17.76	18.00	20.63	21.00		11.50		9.00		13.40	100.00
			55	6225	17.59	18.00	17.64	18.00	20.63	21.00		11.50		9.00		13.40	
			87	6385	17.62	18.00	17.66	18.00	20.65	21.00		11.50		9.00		13.40	
		802.11ax-EHT160 MCS0	15	6025	17.73	18.00	17.16	17.50	20.46	20.50		11.50		9.00		13.40	100.00
			47	6185	17.36	17.50	17.35	17.50	20.37	20.50		11.50		9.00		13.40	



FCC SAR Test Report

Report No. : FA591015

UNII 7 (6.525-6.885GHz)	802.11ax-EHT320 MCS0	79	6345	17.27	17.50	17.00	17.50	20.15	20.50		11.50		9.00		13.40	100.00
		31	6105	17.64	18.00	17.69	18.00	20.68	21.00	11.23	11.50	8.71	9.00	13.16	13.40	
		63	6265	17.77	18.00	17.71	18.00	20.75	21.00	11.31	11.50	8.77	9.00	13.23	13.40	
		95	6425	18.01	18.50	17.93	18.00	20.98	21.00	11.42	11.50	8.89	9.00	13.35	13.40	
	802.11a 6Mbps	117	6535	19.17	19.50	19.36	19.50	22.28	22.50		11.00		10.00		13.50	98.97
		149	6695	19.23	19.50	19.25	19.50	22.26	22.50		11.00		10.00		13.50	
		173	6815	19.67	20.00	19.51	20.00	22.61	23.00		11.00		10.00		13.50	
	802.11ax-HE20 MCS0	117	6535	18.52	19.00	18.68	19.00	21.61	22.00		11.00		10.00		13.50	100.00
		149	6695	18.47	18.50	18.60	19.00	21.55	22.00		11.00		10.00		13.50	
		173	6815	18.91	19.00	18.84	19.00	21.89	22.00		11.00		10.00		13.50	
	802.11ax-HE40 MCS0	123	6565	18.43	18.50	18.70	19.00	21.58	22.00		11.00		10.00		13.50	100.00
		147	6685	18.63	19.00	18.66	19.00	21.66	22.00		11.00		10.00		13.50	
		179	6845	19.00	19.50	18.71	19.00	21.87	22.00		11.00		10.00		13.50	
	802.11ax-HE80 MCS0	135	6625	17.38	17.50	17.76	18.00	20.58	21.00		11.00		10.00		13.50	100.00
		151	6705	17.55	18.00	17.80	18.00	20.69	21.00		11.00		10.00		13.50	
		167	6785	17.69	18.00	17.60	18.00	20.66	21.00		11.00		10.00		13.50	
	802.11ax-HE160 MCS0	143	6665	17.37	17.50	17.35	17.50	20.37	20.50		11.00		10.00		13.50	100.00
		117	6535	18.58	19.00	18.75	19.00	21.68	22.00		11.00		10.00		13.50	
		149	6695	18.54	19.00	18.68	19.00	21.62	22.00		11.00		10.00		13.50	
	802.11ax-EHT20 MCS0	173	6815	18.99	19.00	18.91	19.00	21.96	22.00		11.00		10.00		13.50	100.00
		123	6565	18.49	18.50	18.77	19.00	21.64	22.00		11.00		10.00		13.50	
		147	6685	18.71	19.00	18.74	19.00	21.74	22.00		11.00		10.00		13.50	
	802.11ax-EHT40 MCS0	179	6845	19.06	19.50	18.79	19.00	21.94	22.00		11.00		10.00		13.50	100.00
		135	6625	17.46	17.50	17.83	18.00	20.66	21.00		11.00		10.00		13.50	
		151	6705	17.63	18.00	17.88	18.00	20.77	21.00		11.00		10.00		13.50	
	802.11ax-EHT80 MCS0	167	6785	17.75	18.00	17.66	18.00	20.72	21.00		11.00		10.00		13.50	100.00
		143	6665	17.42	17.50	17.39	17.50	20.42	20.50		11.00		10.00		13.50	
		143	6665	17.42	17.50	17.39	17.50	20.42	20.50		11.00		10.00		13.50	

<6GHz WLAN> indoor client

	Band	Mode	Channel	Frequency (MHz)	Ant 6 Full Power/DSI 0		Ant 7 Full Power/DSI 0		Ant 6+7 Full Power/DSI 0		Ant 6 DSI 7		Ant 7 DSI 7		Ant 6+7 DSI 7		Duty Cycle %
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
WiFi 6E	UNII 5 (5.925-6.425GHz)	802.11a 6Mbps	1	5955	3.76	4.00	3.21	3.50	6.51	7.00		4.00		3.50		7.00	98.97
			49	6195	3.73	4.00	3.03	3.50	6.41	6.50		4.00		3.50		6.50	
			93	6415	3.76	4.00	3.37	3.50	6.58	7.00		4.00		3.50		7.00	
		802.11ax-HE20 MCS0	1	5955	6.24	6.50	7.33	7.50	9.83	10.00		6.50		7.50		10.00	100.00
			49	6195	6.43	6.50	6.83	7.00	9.64	10.00		6.50		7.00		10.00	
			93	6415	6.80	7.00	6.56	7.00	9.69	10.00		7.00		7.00		10.00	
		802.11ax-HE40 MCS0	3	5965	10.17	10.50	9.63	10.00	12.92	13.00		10.50		10.00		13.00	100.00
			51	6205	10.18	10.50	9.58	10.00	12.90	13.00		10.50		10.00		13.00	
			91	6405	9.72	10.00	9.70	10.00	12.72	13.00		10.00		10.00		13.00	
		802.11ax-HE80 MCS0	7	5985	12.97	13.00	12.62	13.00	15.81	16.00		11.50		9.00		13.40	100.00
			55	6225	12.52	13.00	12.28	12.50	15.41	15.50		11.50		9.00		13.40	
			87	6385	12.75	13.00	12.67	13.00	15.72	16.00		11.50		9.00		13.40	
		802.11ax-HE160 MCS0	15	6025	15.34	15.50	15.13	15.50	18.25	18.50		11.50		9.00		13.40	100.00
			47	6185	15.34	15.50	15.03	15.50	18.20	18.50		11.50		9.00		13.40	
			1	5955	6.35	6.50	7.42	7.50	9.93	10.00		6.50		7.50		10.00	100.00
		802.11ax-EHT20 MCS0	49	6195	6.52	7.00	6.89	7.00	9.72	10.00		7.00		7.00		10.00	
			93	6415	6.87	7.00	6.67	7.00	9.78	10.00		7.00		7.00		10.00	
		802.11ax-EHT40 MCS0	3	5965	10.22	10.50	9.72	10.00	12.99	13.00		10.50		10.00		13.00	100.00
			51	6205	10.23	10.50	9.63	10.00	12.95	13.00		10.50		10.00		13.00	
			91	6405	9.82	10.00	9.79	10.00	12.82	13.00		10.00		10.00		13.00	
		802.11ax-EHT80 MCS0	7	5985	13.04	13.50	12.69	13.00	15.88	16.00		11.50		9.00		13.40	100.00
			55	6225	12.62	13.00	12.34	12.50	15.49	15.50		11.50		9.00		13.40	



		802.11ax-EHT160 MCS0	87	6385	12.82	13.00	12.78	13.00	15.81	16.00		11.50		9.00		13.40	
			15	6025	15.44	15.50	15.65	16.00	18.56	19.00		11.50		9.00		13.40	
			47	6185	15.43	15.50	15.07	15.50	18.26	18.50		11.50		9.00		13.40	100.00
			79	6345	15.02	15.50	15.11	15.50	18.08	18.50		11.50		9.00		13.40	
		802.11ax-EHT320 MCS0	31	6105	17.56	18.00	17.69	18.00	20.64	21.00	11.23	11.50	8.71	9.00	13.16	13.40	100.00
			63	6265	17.84	18.00	17.55	18.00	20.71	21.00	11.31	11.50	8.77	9.00	13.23	13.40	
			95	6425	17.84	18.00	17.86	18.00	20.86	21.00	11.42	11.50	8.89	9.00	13.35	13.40	
UNII 6 (6.425-6.525GHz)	802.11a 6Mbps		97	6435	4.22	4.50	3.65	4.00	6.96	7.00		4.50		4.00		7.00	98.97
			105	6475	4.09	4.50	3.77	4.00	6.95	7.00		4.50		4.00		7.00	
			113	6515	4.07	4.50	3.87	4.00	6.99	7.00		4.50		4.00		7.00	
	802.11ax-HE20 MCS0		97	6435	7.18	7.50	7.26	7.50	10.23	10.50		7.50		7.50		10.50	100.00
			105	6475	7.06	7.50	7.18	7.50	10.13	10.50		7.50		7.50		10.50	
			113	6515	7.38	7.50	7.12	7.50	10.26	10.50		7.50		7.50		10.50	
	802.11ax-HE40 MCS0		99	6445	10.53	11.00	10.29	10.50	13.42	13.50		11.00		10.50		13.50	100.00
			115	6525	9.88	10.00	9.84	10.00	12.87	13.00		10.00		10.00		13.00	
	802.11ax-HE80 MCS0		103	6465	13.20	13.50	13.16	13.50	16.19	16.50		11.50		11.50		14.50	100.00
			119	6545	12.71	13.00	12.76	13.00	15.75	16.00		11.50		11.50		14.50	
	802.11ax-HE160 MCS0		111	6505	15.50	16.00	15.58	16.00	18.55	19.00		11.50		11.50		14.50	100.00
	802.11ax-EHT20 MCS0		97	6435	7.28	7.50	7.31	7.50	10.31	10.50		7.50		7.50		10.50	100.00
			105	6475	7.17	7.50	7.23	7.50	10.21	10.50		7.50		7.50		10.50	
			113	6515	7.48	7.50	7.22	7.50	10.36	10.50		7.50		7.50		10.50	
	802.11ax-EHT40 MCS0		99	6445	10.63	11.00	10.33	10.50	13.49	13.50		11.00		10.50		13.50	100.00
			107	6485	10.55	11.00	10.30	10.50	13.44	13.50		11.00		10.50		13.50	
			115	6525	9.92	10.00	9.92	10.00	12.93	13.00		10.00		10.00		13.00	
	802.11ax-EHT80 MCS0		103	6465	13.30	13.50	13.26	13.50	16.29	16.50		11.50		11.50		14.50	100.00
			119	6545	12.80	13.00	12.82	13.00	15.82	16.00		11.50		11.50		14.50	
	802.11ax-EHT160 MCS0		111	6505	15.60	16.00	15.64	16.00	18.63	19.00		11.50		11.50		14.50	100.00
	802.11ax-EHT320 MCS0		127	6585	17.61	18.00	17.97	18.00	20.80	21.00	11.33	11.50	11.43	11.50	14.39	14.50	100.00
UNII 7 (6.525-6.885GHz)	802.11a 6Mbps		117	6535	4.10	4.50	4.25	4.50	7.19	7.50		4.50		4.50		7.50	98.97
			149	6695	3.80	4.00	3.98	4.00	6.91	7.00		4.00		4.00		7.00	
			173	6815	3.13	3.50	3.07	3.50	6.12	6.50		3.50		3.50		6.50	
	802.11ax-HE20 MCS0		117	6535	7.21	7.50	6.88	7.00	10.06	10.50		7.50		7.00		10.50	100.00
			149	6695	6.78	7.00	7.08	7.50	9.94	10.00		7.00		7.50		10.00	
			173	6815	6.91	7.00	7.08	7.50	10.01	10.50		7.00		7.50		10.50	
	802.11ax-HE40 MCS0		123	6565	9.81	10.00	9.92	10.00	12.88	13.00		10.00		10.00		13.00	100.00
			147	6685	9.62	10.00	9.83	10.00	12.74	13.00		10.00		10.00		13.00	
			179	6845	9.88	10.00	9.85	10.00	12.88	13.00		10.00		10.00		13.00	
	802.11ax-HE80 MCS0		135	6625	12.54	13.00	12.73	13.00	15.65	16.00		11.00		10.00		13.50	100.00
			151	6705	12.54	13.00	12.77	13.00	15.67	16.00		11.00		10.00		13.50	
			167	6785	12.63	13.00	12.57	13.00	15.61	16.00		11.00		10.00		13.50	
	802.11ax-HE160 MCS0		143	6665	15.44	15.50	15.62	16.00	18.54	19.00		11.00		10.00		13.50	100.00
	802.11ax-EHT20 MCS0		117	6535	7.25	7.50	6.98	7.00	10.13	10.50		7.50		7.00		10.50	100.00
			149	6695	6.88	7.00	7.13	7.50	10.02	10.50		7.00		7.50		10.50	
			173	6815	6.99	7.00	7.18	7.50	10.10	10.50		7.00		7.50		10.50	
	802.11ax-EHT40 MCS0		123	6565	9.88	10.00	10.03	10.50	12.97	13.00		10.00		10.50		13.00	100.00
			147	6685	9.67	10.00	9.94	10.00	12.82	13.00		10.00		10.00		13.00	
			179	6845	9.99	10.00	9.91	10.00	12.96	13.00		10.00		10.00		13.00	
	802.11ax-EHT80 MCS0		135	6625	12.58	13.00	12.78	13.00	15.69	16.00		11.00		10.00		13.50	100.00
			151	6705	12.65	13.00	12.87	13.00	15.77	16.00		11.00		10.00		13.50	
			167	6785	12.72	13.00	12.62	13.00	15.68	16.00		11.00		10.00		13.50	
	802.11ax-EHT160 MCS0		143	6665	15.48	15.50	15.71	16.00	18.61	19.00		11.00		10.00		13.50	100.00
	802.11ax-EHT320 MCS0		159	6745	17.33	17.50	17.66	18.00	20.51	21.00	10.86	11.00	9.71	10.00	13.33	13.50	100.00
UNII 8 (6.885-7.125GHz)	802.11a 6Mbps		189	6895	3.43	3.50	3.61	4.00	6.54	7.00		3.50		4.00		7.00	98.97
			209	6995	3.46	3.50	3.66	4.00	6.58	7.00		3.50		4.00		7.00	
			229	7095	4.56	5.00	4.85	5.00	7.72	8.00		5.00		5.00		8.00	



		802.11ax-HE20 MCS0	233	7115	4.53	5.00	4.52	5.00	7.54	8.00		5.00		5.00		8.00	100.00
			189	6895	6.63	7.00	7.09	7.50	9.88	10.00		7.00		7.50		10.00	
			209	6995	6.72	7.00	7.12	7.50	9.93	10.00		7.00		7.50		10.00	
			229	7095	7.55	8.00	7.81	8.00	10.69	11.00		8.00		8.00		11.00	
		802.11ax-HE40 MCS0	233	7115	2.46	2.50	2.04	2.50	5.27	5.50		2.50		2.50		5.50	100.00
			195	6925	10.07	10.50	10.36	10.50	13.23	13.50		10.50		10.50		13.50	
			211	7005	10.05	10.50	10.18	10.50	13.13	13.50		10.50		10.50		13.50	
		802.11ax-HE80 MCS0	227	7085	11.05	11.50	11.11	11.50	14.09	14.50		11.50		11.00		14.50	100.00
			199	6945	12.75	13.00	13.32	13.50	16.05	16.50		12.00		11.00		14.50	
		802.11ax-HE160 MCS0	215	7025	13.53	14.00	13.37	13.50	16.46	16.50		12.00		11.00		14.50	100.00
			207	6985	15.76	16.00	15.85	16.00	18.82	19.00		12.00		11.00		14.50	
		802.11ax-EHT20 MCS0	189	6895	6.74	7.00	7.14	7.50	9.95	10.00		7.00		7.50		10.00	100.00
			209	6995	6.81	7.00	7.17	7.50	10.00	10.50		7.00		7.50		10.50	
			229	7095	7.60	8.00	7.89	8.00	10.76	11.00		8.00		8.00		11.00	
			233	7115	2.52	3.00	2.11	2.50	5.33	5.50		3.00		2.50		5.50	
		802.11ax-EHT40 MCS0	195	6925	10.18	10.50	10.47	10.50	13.34	13.50		10.50		10.50		13.50	100.00
			211	7005	10.15	10.50	10.23	10.50	13.20	13.50		10.50		10.50		13.50	
			227	7085	11.16	11.50	11.18	11.50	14.18	14.50		11.50		11.00		14.50	
		802.11ax-EHT80 MCS0	199	6945	12.85	13.00	13.37	13.50	16.13	16.50		12.00		11.00		14.50	100.00
			215	7025	13.63	14.00	13.46	13.50	16.56	17.00		12.00		11.00		14.50	
		802.11ax-EHT160 MCS0	207	6985	15.85	16.00	15.94	16.00	18.91	19.00		12.00		11.00		14.50	100.00
		802.11ax-EHT320 MCS0	191	6905	16.87	17.00	17.25	17.50	20.07	20.50	11.85	12.00	10.79	11.00	14.36	14.50	100.00

<6GHz WLAN> VLP

	Band	Mode	Channel	Frequency (MHz)	Ant 6 For Default / Full Power		Ant 7 For Default / Full Power		Ant 6+7 For Default / Full Power		Duty Cycle %
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
WiFi 6E	UNII 5 (5.925-6.425GHz)	802.11a 6Mbps	1	5955	-0.58	-0.50	-0.45	0.00	2.50	3.00	98.97
			49	6195	-0.54	-0.50	-0.84	-0.50	2.33	2.50	
			93	6415	-0.33	0.00	-0.18	0.00	2.76	3.00	
		802.11ax-HE20 MCS0	1	5955	3.18	3.50	2.71	3.00	5.96	6.00	100.00
			49	6195	3.04	3.50	2.36	2.50	5.72	6.00	
			93	6415	3.22	3.50	2.85	3.00	6.05	6.50	
		802.11ax-HE40 MCS0	3	5965	5.63	6.00	5.14	5.50	8.40	8.50	100.00
			51	6205	5.89	6.00	5.17	5.50	8.56	9.00	
			91	6405	5.45	5.50	5.20	5.50	8.34	8.50	
		802.11ax-HE80 MCS0	7	5985	9.29	9.50	8.87	9.00	12.10	12.50	100.00
			55	6225	9.00	9.50	8.26	8.50	11.66	12.00	
			87	6385	8.65	9.00	8.30	8.50	11.49	11.50	
		802.11ax-HE160 MCS0	15	6025	9.58	10.00	9.37	9.50	12.49	12.50	100.00
			47	6185	9.74	10.00	9.37	9.50	12.57	13.00	
		802.11ax-EHT20 MCS0	1	5955	3.24	3.50	2.79	3.00	6.03	6.50	100.00
			49	6195	3.11	3.50	2.42	2.50	5.79	6.00	
			93	6415	3.26	3.50	2.89	3.00	6.09	6.50	
		802.11ax-EHT40 MCS0	3	5965	5.68	6.00	5.23	5.50	8.47	8.50	100.00
			51	6205	5.92	6.00	5.23	5.50	8.60	9.00	
			91	6405	5.51	6.00	5.23	5.50	8.38	8.50	
		802.11ax-EHT80 MCS0	7	5985	9.32	9.50	8.92	9.00	12.13	12.50	100.00
			55	6225	9.06	9.50	8.35	8.50	11.73	12.00	
			87	6385	8.68	9.00	8.36	8.50	11.53	12.00	
		802.11ax-EHT160 MCS0	15	6025	9.66	10.00	9.42	9.50	12.55	13.00	100.00
			47	6185	9.82	10.00	9.42	9.50	12.63	13.00	
			79	6345	9.66	10.00	9.46	9.50	12.57	13.00	
		802.11ax-EHT320 MCS0	31	6105	9.93	10.00	9.68	10.00	12.82	13.00	100.00

			63	6265	9.81	10.00	9.24	9.50	12.54	13.00	
			95	6425	9.98	10.00	9.85	10.00	12.93	13.00	
			97	6435	-0.34	0.00	-0.24	0.00	2.73	3.00	
			105	6475	0.18	0.50	0.49	0.50	3.35	3.50	
UNII 6 (6.425-6.525GHz)	802.11a 6Mbps		113	6515	-0.39	0.00	0.00	0.50	2.82	3.00	98.97
			97	6435	3.72	4.00	3.21	3.50	6.48	6.50	
			105	6475	3.56	4.00	3.27	3.50	6.43	6.50	
			113	6515	3.43	3.50	3.32	3.50	6.39	6.50	
	802.11ax-HE20 MCS0		99	6445	5.60	6.00	6.23	6.50	8.94	9.00	100.00
			115	6525	5.48	5.50	6.33	6.50	8.94	9.00	
			103	6465	9.08	9.50	8.81	9.00	11.96	12.00	
	802.11ax-HE40 MCS0		119	6545	8.53	9.00	8.57	9.00	11.56	12.00	100.00
			111	6505	10.67	11.00	10.62	11.00	13.66	14.00	
	802.11ax-HE80 MCS0		97	6435	3.79	4.00	3.29	3.50	6.56	7.00	100.00
			105	6475	3.62	4.00	3.32	3.50	6.48	6.50	
	802.11ax-EHT20 MCS0		113	6515	3.52	4.00	3.39	3.50	6.47	6.50	100.00
			99	6445	5.66	6.00	6.27	6.50	8.99	9.00	
			107	6485	5.59	6.00	6.23	6.50	8.93	9.00	
	802.11ax-EHT40 MCS0		115	6525	5.56	6.00	6.39	6.50	9.01	9.50	100.00
			103	6465	9.12	9.50	8.87	9.00	12.01	12.50	
			119	6545	8.55	9.00	8.60	9.00	11.59	12.00	
	802.11ax-EHT80 MCS0		111	6505	10.75	11.00	10.71	11.00	13.74	14.00	100.00
			127	6585	10.31	10.50	10.49	10.50	13.41	13.50	
	802.11ax-EHT160 MCS0										100.00
	802.11ax-EHT320 MCS0										100.00
UNII 7 (6.525-6.885GHz)	802.11a 6Mbps		117	6535	0.31	0.50	0.16	0.50	3.25	3.50	98.97
			149	6695	-0.50	0.00	-0.04	0.00	2.75	3.00	
			173	6815	-0.52	-0.50	-0.22	0.00	2.65	3.00	
			117	6535	3.51	4.00	3.55	4.00	6.54	7.00	
	802.11ax-HE20 MCS0		149	6695	2.93	3.00	3.46	3.50	6.21	6.50	100.00
			173	6815	3.14	3.50	3.42	3.50	6.29	6.50	
			123	6565	5.15	5.50	5.90	6.00	8.55	9.00	
	802.11ax-HE40 MCS0		147	6685	6.12	6.50	6.18	6.50	9.16	9.50	100.00
			179	6845	6.24	6.50	6.19	6.50	9.23	9.50	
			135	6625	9.12	9.50	9.16	9.50	12.15	12.50	
	802.11ax-HE80 MCS0		151	6705	9.15	9.50	9.19	9.50	12.18	12.50	100.00
			167	6785	9.12	9.50	7.90	8.00	11.56	12.00	
			143	6665	10.26	10.50	10.19	10.50	13.24	13.50	
	802.11ax-HE160 MCS0		117	6535	3.55	4.00	3.58	4.00	6.58	7.00	100.00
			149	6695	3.01	3.50	3.55	4.00	6.30	6.50	
			173	6815	3.18	3.50	3.49	3.50	6.35	6.50	
	802.11ax-EHT20 MCS0		123	6565	5.20	5.50	5.99	6.00	8.62	9.00	100.00
			147	6685	6.18	6.50	6.21	6.50	9.21	9.50	
			179	6845	6.29	6.50	6.23	6.50	9.27	9.50	
	802.11ax-EHT40 MCS0		135	6625	9.21	9.50	9.23	9.50	12.23	12.50	100.00
			151	6705	9.20	9.50	9.26	9.50	12.24	12.50	
			167	6785	9.16	9.50	7.96	8.00	11.61	12.00	
802.11ax-EHT80 MCS0		143	6665	10.29	10.50	10.27	10.50	13.29	13.50	100.00	
		159	6745	9.89	10.00	10.10	10.50	13.01	13.50		
802.11ax-EHT160 MCS0										100.00	
802.11ax-EHT320 MCS0										100.00	
UNII 8 (6.885-7.125GHz)	802.11a 6Mbps		189	6895	0.21	0.50	0.27	0.50	3.26	3.50	98.97
			209	6995	-0.10	0.00	0.18	0.50	3.06	3.50	
			229	7095	0.28	0.50	0.76	1.00	3.54	4.00	
			233	7115	0.15	0.50	0.58	1.00	3.39	3.50	
	802.11ax-HE20 MCS0		189	6895	3.01	3.50	3.44	3.50	6.24	6.50	100.00
			209	6995	3.16	3.50	3.69	4.00	6.44	6.50	
			229	7095	3.96	4.00	4.20	4.50	7.09	7.50	
			233	7115	-2.53	-2.50	-3.03	-3.00	0.24	0.50	
	802.11ax-HE40 MCS0		195	6925	6.69	7.00	6.81	7.00	9.76	10.00	100.00



			211	7005	6.36	6.50	6.73	7.00	9.56	10.00	
			227	7085	6.29	6.50	6.74	7.00	9.53	10.00	
		802.11ax-HE80 MCS0	199	6945	8.72	9.00	9.15	9.50	11.95	12.00	100.00
			215	7025	8.62	9.00	9.18	9.50	11.92	12.00	
		802.11ax-HE160 MCS0	207	6985	10.16	10.50	10.54	11.00	13.36	13.50	100.00
		802.11ax-EHT20 MCS0	189	6895	3.06	3.50	3.53	4.00	6.31	6.50	100.00
			209	6995	3.25	3.50	3.78	4.00	6.53	7.00	
			229	7095	4.04	4.50	4.24	4.50	7.15	7.50	
			233	7115	-2.47	-2.00	-2.96	-2.50	0.30	0.50	
		802.11ax-EHT40 MCS0	195	6925	6.76	7.00	6.89	7.00	9.84	10.00	100.00
			211	7005	6.43	6.50	6.79	7.00	9.62	10.00	
			227	7085	6.35	6.50	6.78	7.00	9.58	10.00	
		802.11ax-EHT80 MCS0	199	6945	8.75	9.00	9.19	9.50	11.99	12.00	100.00
			215	7025	8.65	9.00	9.23	9.50	11.96	12.00	
		802.11ax-EHT160 MCS0	207	6985	10.25	10.50	10.58	11.00	13.43	13.50	100.00
		802.11ax-EHT320 MCS0	191	6905	10.77	11.00	10.95	11.00	13.87	14.00	100.00