

Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	17.44	17.49	17.47	18.20
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	17.32	17.45	17.41	18.20
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	17.36	17.48	17.38	18.20
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	17.32	17.43	17.40	18.20

【FR1 n78 (27Q)___FCC_Part 27Q (3450~3550MHz)_Ant 5_DSI

4】

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

【FR1 n78 (270)_FCC_Part 27O (3700~3800MHz)_Ant 5_DSI

4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		17.58		19.00
100	PI/2 BPSK	1	137		17.52		19.00
100	PI/2 BPSK	1	271		17.56		19.00
100	PI/2 BPSK	135	0		17.56		19.00
100	PI/2 BPSK	135	69		17.57		19.00
100	PI/2 BPSK	135	138		17.52		19.00
100	PI/2 BPSK	270	0		17.51		19.00
100	QPSK	1	1		17.52		19.00
100	QPSK	1	137		17.57		19.00
100	QPSK	1	271		17.49		19.00
100	QPSK	135	0		17.50		19.00
100	QPSK	135	69		17.53		19.00
100	QPSK	135	138		17.49		19.00
100	QPSK	270	0		17.49		19.00
100	16QAM	1	1		17.55		19.00
100	64QAM	1	1		16.97		18.50
100	256QAM	1	1		15.12		16.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	17.45	17.54	17.51	19.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	17.34	17.50	17.48	19.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	17.35	17.40	17.49	19.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	17.35	17.40	17.47	19.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	17.31	17.45	17.48	19.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	17.30	17.49	17.40	19.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	17.42	17.45	17.47	19.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	17.36	17.46	17.47	19.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	17.36	17.53	17.45	19.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	17.31	17.40	17.39	19.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	17.42	17.52	17.43	19.00

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

5_DSI5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		15.58		16.20
100	PI/2 BPSK	1	137		15.52		16.20
100	PI/2 BPSK	1	271		15.54		16.20
100	PI/2 BPSK	135	0		15.55		16.20
100	PI/2 BPSK	135	69		15.56		16.20
100	PI/2 BPSK	135	138		15.52		16.20
100	PI/2 BPSK	270	0		15.51		16.20
100	QPSK	1	1		15.56		16.20

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

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

5_DS15]

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		15.58		16.20
100	PI/2 BPSK	1	137		15.54		16.20
100	PI/2 BPSK	1	271		15.53		16.20
100	PI/2 BPSK	135	0		15.53		16.20
100	PI/2 BPSK	135	69		15.57		16.20
100	PI/2 BPSK	135	138		15.45		16.20
100	PI/2 BPSK	270	0		15.54		16.20
100	QPSK	1	1		15.53		16.20
100	QPSK	1	137		15.53		16.20
100	QPSK	1	271		15.54		16.20
100	QPSK	135	0		15.50		16.20
100	QPSK	135	69		15.46		16.20
100	QPSK	135	138		15.45		16.20
100	QPSK	270	0		15.51		16.20
100	16QAM	1	1		15.45		16.20
100	64QAM	1	1		15.45		16.20
100	256QAM	1	1		15.48		16.20
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	15.52	15.56	15.53	16.20
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	15.39	15.42	15.40	16.20
Channel				649000	650000	651000	Tune-up limit

		Frequency (MHz)			3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1		15.46	15.41	15.48	16.20
		Channel			648668	650000	651332	Tune-up limit
		Frequency (MHz)			3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1		15.50	15.47	15.44	16.20
		Channel			648334	650000	651666	Tune-up limit
		Frequency (MHz)			3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1		15.44	15.49	15.47	16.20
		Channel			648000	650000	652000	Tune-up limit
		Frequency (MHz)			3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1		15.48	15.44	15.40	16.20
		Channel			647668	650000	652332	Tune-up limit
		Frequency (MHz)			3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1		15.48	15.54	15.50	16.20
		Channel			647500	650000	652500	Tune-up limit
		Frequency (MHz)			3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1		15.50	15.51	15.50	16.20
		Channel			647334	650000	652666	Tune-up limit
		Frequency (MHz)			3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1		15.50	15.51	15.42	16.20
		Channel			647168	650000	652832	Tune-up limit
		Frequency (MHz)			3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1		15.48	15.48	15.47	16.20
		Channel			647000	650000	653000	Tune-up limit
		Frequency (MHz)			3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1		15.39	15.48	15.48	16.20

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

5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
					633332		
					3499.98		
100	PI/2 BPSK	1	1		15.61		17.00
100	PI/2 BPSK	1	137		15.46		17.00
100	PI/2 BPSK	1	271		15.42		17.00
100	PI/2 BPSK	135	0		15.40		17.00
100	PI/2 BPSK	135	69		15.57		17.00
100	PI/2 BPSK	135	138		15.46		17.00
100	PI/2 BPSK	270	0		15.51		17.00
100	QPSK	1	1		15.46		17.00
100	QPSK	1	137		15.51		17.00
100	QPSK	1	271		15.58		17.00
100	QPSK	135	0		15.46		17.00
100	QPSK	135	69		15.52		17.00
100	QPSK	135	138		15.58		17.00
100	QPSK	270	0		15.47		17.00
100	16QAM	1	1		15.50		17.00
100	64QAM	1	1		15.44		17.00
100	256QAM	1	1		15.12		16.60
				633000	633332	633666	Tune-up limit
				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	15.54	15.57	15.49	17.00
				632668	633332	634000	Tune-up limit
				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	15.44	15.52	15.45	17.00
				632334	633332	634332	Tune-up limit
				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	15.47	15.53	15.46	17.00
				632000	633332	634666	Tune-up limit
				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	15.41	15.56	15.42	17.00
				631668	633332	635000	Tune-up limit
				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	15.52	15.56	15.46	17.00
				631334	633332	635332	Tune-up limit
				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	15.48	15.55	15.43	17.00
				631000	633332	635666	Tune-up limit
				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	15.53	15.48	15.48	17.00
				630834	633332	635832	Tune-up limit
				3462.51	3499.98	3537.48	(dBm)

25	PI/2 BPSK	1	1	15.44	15.52	15.35	17.00
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	15.48	15.51	15.38	17.00
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	15.45	15.49	15.43	17.00
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	15.52	15.42	15.35	17.00

【FR1 n78 (270)___FCC_Part 270 (3700~3800MHz)_Ant 5_DSI

5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		15.59		17.00
100	PI/2 BPSK	1	137		15.57		17.00
100	PI/2 BPSK	1	271		15.41		17.00
100	PI/2 BPSK	135	0		15.50		17.00
100	PI/2 BPSK	135	69		15.54		17.00
100	PI/2 BPSK	135	138		15.49		17.00
100	PI/2 BPSK	270	0		15.48		17.00
100	QPSK	1	1		15.42		17.00
100	QPSK	1	137		15.56		17.00
100	QPSK	1	271		15.59		17.00
100	QPSK	135	0		15.48		17.00
100	QPSK	135	69		15.54		17.00
100	QPSK	135	138		15.59		17.00
100	QPSK	270	0		15.57		17.00
100	16QAM	1	1		15.44		17.00
100	64QAM	1	1		15.43		17.00
100	256QAM	1	1		15.12		16.50
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	15.52	15.57	15.55	17.00
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	15.47	15.44	15.47	17.00
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	15.49	15.56	15.43	17.00
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	15.47	15.55	15.49	17.00
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	15.47	15.51	15.52	17.00
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	15.39	15.53	15.41	17.00
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	15.50	15.44	15.45	17.00
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	15.50	15.50	15.54	17.00
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	15.48	15.48	15.41	17.00
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	15.40	15.49	15.44	17.00
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	15.43	15.52	15.51	17.00

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

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		Tune-up limit (dBm)
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		27.10		28.50
100	PI/2 BPSK	1	137		27.01		28.50
100	PI/2 BPSK	1	271		27.08		28.50
100	PI/2 BPSK	135	0		26.54		28.00
100	PI/2 BPSK	135	69		26.94		28.50
100	PI/2 BPSK	135	138		26.53		28.00
100	PI/2 BPSK	270	0		26.43		28.00
100	QPSK	1	1		27.10		28.50
100	QPSK	1	137		26.87		28.50
100	QPSK	1	271		27.03		28.50
100	QPSK	135	0		25.98		27.50
100	QPSK	135	69		26.88		28.50
100	QPSK	135	138		25.95		27.50
100	QPSK	270	0		25.98		27.50
100	16QAM	1	1		26.00		27.50
100	64QAM	1	1		24.10		26.00
100	256QAM	1	1		22.07		24.00
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	27.03	27.06	27.05	28.50
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	27.02	26.99	26.94	28.50
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	26.91	27.03	27.00	28.50
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	26.97	26.98	26.96	28.50
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	27.01	26.99	26.97	28.50
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	26.96	27.01	26.95	28.50
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	26.92	26.96	26.92	28.50
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	26.91	26.98	27.02	28.50
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	26.99	27.00	26.91	28.50
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	27.00	27.04	26.93	28.50
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	26.96	27.00	26.94	28.50

【FR1 n78 (27O)_FCC_Part 27O
(3700~3800MHz)_HPUE_Ant 5_Default】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		Tune-up limit (dBm)
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		26.91		28.50
100	PI/2 BPSK	1	137		26.77		28.50
100	PI/2 BPSK	1	271		26.62		28.50
100	PI/2 BPSK	135	0		26.34		28.00
100	PI/2 BPSK	135	69		26.70		28.50
100	PI/2 BPSK	135	138		26.18		28.00
100	PI/2 BPSK	270	0		26.48		28.00
100	QPSK	1	1		26.83		28.50
100	QPSK	1	137		26.71		28.50
100	QPSK	1	271		26.72		28.50

100	QPSK	135	0		25.81		27.50
100	QPSK	135	69		26.70		28.50
100	QPSK	135	138		25.67		27.50
100	QPSK	270	0		25.90		27.50
100	16QAM	1	1		25.76		27.50
100	64QAM	1	1		23.82		26.00
100	256QAM	1	1		21.71		24.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	26.88	26.90	26.85	28.50
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	26.79	26.77	26.76	28.50
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	26.82	26.86	26.71	28.50
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	26.85	26.76	26.74	28.50
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	26.78	26.78	26.70	28.50
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	26.84	26.89	26.82	28.50
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	26.81	26.77	26.77	28.50
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	26.86	26.79	26.78	28.50
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	26.86	26.76	26.83	28.50
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	26.78	26.84	26.82	28.50
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	26.84	26.84	26.75	28.50

【FR1 n78 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_Ant 5_default】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.55		23.10
100	PI/2 BPSK	1	137		21.44		23.10
100	PI/2 BPSK	1	271		21.38		23.10
100	PI/2 BPSK	135	0		21.19		22.60
100	PI/2 BPSK	135	69		21.49		23.10
100	PI/2 BPSK	135	138		21.38		22.60
100	PI/2 BPSK	270	0		20.87		22.60
100	QPSK	1	1		21.70		23.10
100	QPSK	1	137		21.27		23.10
100	QPSK	1	271		21.27		23.10
100	QPSK	135	0		20.46		22.10
100	QPSK	135	69		21.28		23.10
100	QPSK	135	138		20.34		22.10
100	QPSK	270	0		20.48		22.10
100	16QAM	1	1		20.71		22.10
100	64QAM	1	1		19.30		20.60
100	256QAM	1	1		17.36		18.60
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	21.48	21.52	21.44	23.10
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	21.44	21.42	21.35	23.10
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	21.36	21.48	21.41	23.10

Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	21.39	21.42	21.40	23.10
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	21.39	21.40	21.31	23.10
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	21.39	21.38	21.32	23.10
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	21.35	21.51	21.39	23.10
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	21.36	21.50	21.42	23.10
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	21.43	21.47	21.33	23.10
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	21.43	21.48	21.30	23.10
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	21.44	21.49	21.30	23.10

【FR1 n78 (270)_FCC_Part 270

(3700~3800MHz)_HPUE_Ant 5_default】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		21.57		23.00
100	PI/2 BPSK	1	137		21.46		23.00
100	PI/2 BPSK	1	271		21.51		23.00
100	PI/2 BPSK	135	0		21.01		22.50
100	PI/2 BPSK	135	69		21.51		23.00
100	PI/2 BPSK	135	138		20.95		22.50
100	PI/2 BPSK	270	0		20.94		22.50
100	QPSK	1	1		21.50		23.00
100	QPSK	1	137		21.43		23.00
100	QPSK	1	271		21.46		23.00
100	QPSK	135	0		20.45		22.00
100	QPSK	135	69		21.36		23.00
100	QPSK	135	138		20.39		22.00
100	QPSK	270	0		20.44		22.00
100	16QAM	1	1		20.26		22.00
100	64QAM	1	1		18.75		20.50
100	256QAM	1	1		16.97		18.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	21.47	21.51	21.45	23.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	21.39	21.39	21.43	23.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	21.33	21.39	21.36	23.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	21.42	21.36	21.42	23.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	21.37	21.39	21.32	23.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	21.43	21.45	21.32	23.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	21.42	21.44	21.30	23.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	21.33	21.39	21.37	23.00
Channel				647334	650000	652666	Tune-up limit

	Frequency (MHz)			3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	21.35	21.49	21.41	23.00
	Channel			647168	650000	652832	Tune-up limit
	Frequency (MHz)			3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	21.38	21.43	21.32	23.00
	Channel			647000	650000	653000	Tune-up limit
	Frequency (MHz)			3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	21.36	21.50	21.37	23.00

【FR1 n78 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_Ant 5_DS11】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel				633332		
	Frequency (MHz)				3499.98		
100	PI/2 BPSK	1	1		18.58		20.00
100	PI/2 BPSK	1	137		18.56		20.00
100	PI/2 BPSK	1	271		18.49		20.00
100	PI/2 BPSK	135	0		18.56		20.00
100	PI/2 BPSK	135	69		18.47		20.00
100	PI/2 BPSK	135	138		18.54		20.00
100	PI/2 BPSK	270	0		18.57		20.00
100	QPSK	1	1		18.54		20.00
100	QPSK	1	137		18.47		20.00
100	QPSK	1	271		18.55		20.00
100	QPSK	135	0		18.46		20.00
100	QPSK	135	69		18.47		20.00
100	QPSK	135	138		18.47		20.00
100	QPSK	270	0		18.50		20.00
100	16QAM	1	1		18.52		20.00
100	64QAM	1	1		18.57		20.00
100	256QAM	1	1		18.47		20.00
	Channel			633000	633332	633666	Tune-up limit
	Frequency (MHz)			3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	18.52	18.55	18.53	20.00
	Channel			632668	633332	634000	Tune-up limit
	Frequency (MHz)			3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	18.42	18.50	18.40	20.00
	Channel			632334	633332	634332	Tune-up limit
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	18.42	18.44	18.38	20.00
	Channel			632000	633332	634666	Tune-up limit
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	18.39	18.50	18.44	20.00
	Channel			631668	633332	635000	Tune-up limit
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	18.44	18.48	18.52	20.00
	Channel			631334	633332	635332	Tune-up limit
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	18.38	18.45	18.43	20.00
	Channel			631000	633332	635666	Tune-up limit
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	18.41	18.47	18.38	20.00
	Channel			630834	633332	635832	Tune-up limit
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	18.39	18.47	18.39	20.00
	Channel			630668	633332	636000	Tune-up limit
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	18.49	18.41	18.52	20.00
	Channel			630500	633332	636166	Tune-up limit
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	18.38	18.42	18.45	20.00
	Channel			630334	633332	636332	Tune-up limit
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	18.49	18.53	18.44	20.00

【FR1 n78 (270)_FCC_Part 270

(3700~3800MHz)_HPUE_Ant 5_DSI1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		18.59		20.00
100	PI/2 BPSK	1	137		18.58		20.00
100	PI/2 BPSK	1	271		18.52		20.00
100	PI/2 BPSK	135	0		18.58		20.00
100	PI/2 BPSK	135	69		18.53		20.00
100	PI/2 BPSK	135	138		18.53		20.00
100	PI/2 BPSK	270	0		18.54		20.00
100	QPSK	1	1		18.49		20.00
100	QPSK	1	137		18.53		20.00
100	QPSK	1	271		18.50		20.00
100	QPSK	135	0		18.56		20.00
100	QPSK	135	69		18.55		20.00
100	QPSK	135	138		18.49		20.00
100	QPSK	270	0		18.56		20.00
100	16QAM	1	1		18.55		20.00
100	64QAM	1	1		18.56		20.00
100	256QAM	1	1		18.48		20.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	18.54	18.55	18.49	20.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	18.47	18.50	18.36	20.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	18.51	18.43	18.44	20.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	18.40	18.47	18.48	20.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	18.43	18.52	18.43	20.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	18.47	18.51	18.41	20.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	18.41	18.43	18.43	20.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	18.46	18.49	18.44	20.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	18.41	18.47	18.45	20.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	18.41	18.48	18.35	20.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	18.41	18.54	18.41	20.00

【FR1 n78 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_Ant 5_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		18.59		20.00
100	PI/2 BPSK	1	137		18.40		20.00
100	PI/2 BPSK	1	271		18.40		20.00
100	PI/2 BPSK	135	0		18.48		20.00
100	PI/2 BPSK	135	69		18.41		20.00
100	PI/2 BPSK	135	138		18.48		20.00

100	PI/2 BPSK	270	0		18.43		20.00
100	QPSK	1	1		18.46		20.00
100	QPSK	1	137		18.46		20.00
100	QPSK	1	271		18.47		20.00
100	QPSK	135	0		18.47		20.00
100	QPSK	135	69		18.41		20.00
100	QPSK	135	138		18.36		20.00
100	QPSK	270	0		18.44		20.00
100	16QAM	1	1		18.48		20.00
100	64QAM	1	1		18.55		20.00
100	256QAM	1	1		17.36		18.60
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	18.52	18.57	18.55	20.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	18.40	18.51	18.51	20.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	18.49	18.56	18.49	20.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	18.37	18.52	18.50	20.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	18.49	18.50	18.41	20.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	18.40	18.48	18.45	20.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	18.45	18.43	18.48	20.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	18.40	18.52	18.42	20.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	18.39	18.53	18.45	20.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	18.39	18.49	18.44	20.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	18.38	18.46	18.43	20.00

【FR1 n78 (270)_FCC_Part 270

(3700~3800MHz)_HPUE_Ant 5_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		18.57		20.00
100	PI/2 BPSK	1	137		18.45		20.00
100	PI/2 BPSK	1	271		18.39		20.00
100	PI/2 BPSK	135	0		18.45		20.00
100	PI/2 BPSK	135	69		18.47		20.00
100	PI/2 BPSK	135	138		18.53		20.00
100	PI/2 BPSK	270	0		18.48		20.00
100	QPSK	1	1		18.51		20.00
100	QPSK	1	137		18.38		20.00
100	QPSK	1	271		18.43		20.00
100	QPSK	135	0		18.43		20.00
100	QPSK	135	69		18.40		20.00
100	QPSK	135	138		18.40		20.00
100	QPSK	270	0		18.42		20.00
100	16QAM	1	1		18.54		20.00
100	64QAM	1	1		18.50		20.00
100	256QAM	1	1		16.97		18.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	18.52	18.56	18.51	20.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)

80	PI/2 BPSK	1	1	18.40	18.45	18.41	20.00
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	18.44	18.51	18.41	20.00
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	18.42	18.43	18.49	20.00
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	18.41	18.44	18.41	20.00
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	18.37	18.49	18.38	20.00
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	18.50	18.43	18.41	20.00
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	18.47	18.44	18.48	20.00
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	18.38	18.47	18.37	20.00
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	18.49	18.45	18.40	20.00
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	18.50	18.42	18.48	20.00

【FR1 n78 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_Ant 5_DSI3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		20.61		22.00
100	PI/2 BPSK	1	137		20.50		22.00
100	PI/2 BPSK	1	271		20.55		22.00
100	PI/2 BPSK	135	0		20.49		22.00
100	PI/2 BPSK	135	69		20.55		22.00
100	PI/2 BPSK	135	138		20.48		22.00
100	PI/2 BPSK	270	0		20.52		22.00
100	QPSK	1	1		20.54		22.00
100	QPSK	1	137		20.53		22.00
100	QPSK	1	271		20.47		22.00
100	QPSK	135	0		20.53		22.00
100	QPSK	135	69		20.53		22.00
100	QPSK	135	138		20.55		22.00
100	QPSK	270	0		20.49		22.00
100	16QAM	1	1		20.57		22.00
100	64QAM	1	1		20.49		22.00
100	256QAM	1	1		20.51		22.00
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	20.52	20.58	20.55	22.00
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	20.40	20.56	20.49	22.00
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	20.41	20.51	20.48	22.00
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	20.49	20.50	20.51	22.00
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	20.43	20.50	20.42	22.00
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	20.47	20.48	20.47	22.00
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	20.41	20.56	20.48	22.00

Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	20.49	20.45	20.48	22.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	20.40	20.49	20.41	22.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	20.45	20.48	20.46	22.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	20.51	20.55	20.50	22.00

【FR1 n78 (270)___FCC_Part 270

(3700~3800MHz)_HPUE_Ant 5_DSI3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		20.56		22.00
100	PI/2 BPSK	1	137		20.49		22.00
100	PI/2 BPSK	1	271		20.54		22.00
100	PI/2 BPSK	135	0		20.52		22.00
100	PI/2 BPSK	135	69		20.46		22.00
100	PI/2 BPSK	135	138		20.53		22.00
100	PI/2 BPSK	270	0		20.49		22.00
100	QPSK	1	1		20.56		22.00
100	QPSK	1	137		20.50		22.00
100	QPSK	1	271		20.48		22.00
100	QPSK	135	0		20.50		22.00
100	QPSK	135	69		20.56		22.00
100	QPSK	135	138		20.56		22.00
100	QPSK	270	0		20.47		22.00
100	16QAM	1	1		20.53		22.00
100	64QAM	1	1		20.57		22.00
100	256QAM	1	1		20.47		22.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	20.51	20.55	20.49	22.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	20.43	20.47	20.37	22.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	20.42	20.50	20.35	22.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	20.36	20.42	20.42	22.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	20.44	20.51	20.38	22.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	20.42	20.52	20.34	22.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	20.39	20.41	20.40	22.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	20.42	20.40	20.38	22.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	20.40	20.40	20.46	22.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	20.44	20.50	20.42	22.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	20.42	20.48	20.48	22.00

【FR1 n78 (27Q)_FCC_Part 27Q
(3450~3550MHz)_HPUE_Ant 5_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		20.56		22.00
100	PI/2 BPSK	1	137		20.51		22.00
100	PI/2 BPSK	1	271		20.53		22.00
100	PI/2 BPSK	135	0		20.56		22.00
100	PI/2 BPSK	135	69		20.57		22.00
100	PI/2 BPSK	135	138		20.56		22.00
100	PI/2 BPSK	270	0		20.54		22.00
100	QPSK	1	1		20.48		22.00
100	QPSK	1	137		20.51		22.00
100	QPSK	1	271		20.54		22.00
100	QPSK	135	0		20.46		22.00
100	QPSK	135	69		21.28		22.00
100	QPSK	135	138		20.34		22.00
100	QPSK	270	0		20.48		22.00
100	16QAM	1	1		20.71		22.00
100	64QAM	1	1		19.30		20.60
100	256QAM	1	1		17.36		18.60
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	20.46	20.51	20.48	22.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	20.41	20.46	20.34	22.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	20.39	20.37	20.40	22.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	20.44	20.38	20.35	22.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	20.43	20.43	20.39	22.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	20.35	20.40	20.43	22.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	20.43	20.49	20.45	22.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	20.43	20.47	20.43	22.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	20.35	20.38	20.37	22.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	20.39	20.49	20.46	22.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	20.39	20.37	20.34	22.00

【FR1 n78 (27O)_FCC_Part 27O
(3700~3800MHz)_HPUE_Ant 5_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		20.58		22.00
100	PI/2 BPSK	1	137		20.56		22.00
100	PI/2 BPSK	1	271		20.47		22.00
100	PI/2 BPSK	135	0		20.48		22.00
100	PI/2 BPSK	135	69		20.55		22.00
100	PI/2 BPSK	135	138		20.55		22.00
100	PI/2 BPSK	270	0		20.53		22.00
100	QPSK	1	1		20.50		22.00
100	QPSK	1	137		20.56		22.00
100	QPSK	1	271		20.52		22.00
100	QPSK	135	0		20.51		22.00

100	QPSK	135	69		20.46		22.00
100	QPSK	135	138		20.39		22.00
100	QPSK	270	0		20.44		22.00
100	16QAM	1	1		20.26		22.00
100	64QAM	1	1		18.75		20.50
100	256QAM	1	1		16.97		18.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	20.51	20.55	20.53	22.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	20.44	20.53	20.46	22.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	20.44	20.47	20.45	22.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	20.37	20.51	20.50	22.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	20.45	20.42	20.44	22.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	20.47	20.53	20.47	22.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	20.40	20.42	20.41	22.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	20.40	20.45	20.41	22.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	20.47	20.48	20.49	22.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	20.42	20.49	20.44	22.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	20.38	20.51	20.42	22.00

【FR1 n78 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_Ant 5_DS14】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		20.61		22.00
100	PI/2 BPSK	1	137		20.50		22.00
100	PI/2 BPSK	1	271		20.55		22.00
100	PI/2 BPSK	135	0		20.49		22.00
100	PI/2 BPSK	135	69		20.55		22.00
100	PI/2 BPSK	135	138		20.48		22.00
100	PI/2 BPSK	270	0		20.52		22.00
100	QPSK	1	1		20.54		22.00
100	QPSK	1	137		20.53		22.00
100	QPSK	1	271		20.47		22.00
100	QPSK	135	0		20.53		22.00
100	QPSK	135	69		20.53		22.00
100	QPSK	135	138		20.55		22.00
100	QPSK	270	0		20.49		22.00
100	16QAM	1	1		20.57		22.00
100	64QAM	1	1		20.49		22.00
100	256QAM	1	1		20.51		22.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	20.52	20.58	20.55	22.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	20.40	20.56	20.49	22.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	20.41	20.51	20.48	22.00
Channel				632000	633332	634666	Tune-up limit

	Frequency (MHz)			3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	20.49	20.50	20.51	22.00
	Channel			631668	633332	635000	Tune-up limit
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	20.43	20.50	20.42	22.00
	Channel			631334	633332	635332	Tune-up limit
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	20.47	20.48	20.47	22.00
	Channel			631000	633332	635666	Tune-up limit
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	20.41	20.56	20.48	22.00
	Channel			630834	633332	635832	Tune-up limit
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	20.49	20.45	20.48	22.00
	Channel			630668	633332	636000	Tune-up limit
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	20.40	20.49	20.41	22.00
	Channel			630500	633332	636166	Tune-up limit
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	20.45	20.48	20.46	22.00
	Channel			630334	633332	636332	Tune-up limit
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	20.51	20.55	20.50	22.00

【FR1 n78 (270)_FCC_Part 270

(3700~3800MHz)_HPUE_Ant 5_DSI4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel				650000		
	Frequency (MHz)				3750		
100	PI/2 BPSK	1	1		20.56		22.00
100	PI/2 BPSK	1	137		20.49		22.00
100	PI/2 BPSK	1	271		20.54		22.00
100	PI/2 BPSK	135	0		20.52		22.00
100	PI/2 BPSK	135	69		20.46		22.00
100	PI/2 BPSK	135	138		20.53		22.00
100	PI/2 BPSK	270	0		20.49		22.00
100	QPSK	1	1		20.56		22.00
100	QPSK	1	137		20.50		22.00
100	QPSK	1	271		20.48		22.00
100	QPSK	135	0		20.50		22.00
100	QPSK	135	69		20.56		22.00
100	QPSK	135	138		20.56		22.00
100	QPSK	270	0		20.47		22.00
100	16QAM	1	1		20.53		22.00
100	64QAM	1	1		20.57		22.00
100	256QAM	1	1		20.47		22.00
	Channel			649668	650000	650332	Tune-up limit
	Frequency (MHz)			3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	20.51	20.55	20.49	22.00
	Channel			649334	650000	650666	Tune-up limit
	Frequency (MHz)			3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	20.43	20.47	20.37	22.00
	Channel			649000	650000	651000	Tune-up limit
	Frequency (MHz)			3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	20.42	20.50	20.35	22.00
	Channel			648668	650000	651332	Tune-up limit
	Frequency (MHz)			3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	20.36	20.42	20.42	22.00
	Channel			648334	650000	651666	Tune-up limit
	Frequency (MHz)			3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	20.44	20.51	20.38	22.00
	Channel			648000	650000	652000	Tune-up limit
	Frequency (MHz)			3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	20.42	20.52	20.34	22.00
	Channel			647668	650000	652332	Tune-up limit
	Frequency (MHz)			3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	20.39	20.41	20.40	22.00
	Channel			647500	650000	652500	Tune-up limit
	Frequency (MHz)			3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	20.42	20.40	20.38	22.00
	Channel			647334	650000	652666	Tune-up limit
	Frequency (MHz)			3710.01	3750	3789.99	(dBm)

20	PI/2 BPSK	1	1	20.40	20.40	20.46	22.00
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	20.44	20.50	20.42	22.00
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	20.42	20.48	20.48	22.00

【FR1 n78 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_Ant 5_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		20.56		22.00
100	PI/2 BPSK	1	137		20.51		22.00
100	PI/2 BPSK	1	271		20.53		22.00
100	PI/2 BPSK	135	0		20.56		22.00
100	PI/2 BPSK	135	69		20.57		22.00
100	PI/2 BPSK	135	138		20.56		22.00
100	PI/2 BPSK	270	0		20.54		22.00
100	QPSK	1	1		20.48		22.00
100	QPSK	1	137		20.51		22.00
100	QPSK	1	271		20.54		22.00
100	QPSK	135	0		20.46		22.00
100	QPSK	135	69		21.28		22.00
100	QPSK	135	138		20.34		22.00
100	QPSK	270	0		20.48		22.00
100	16QAM	1	1		20.71		22.00
100	64QAM	1	1		19.30		20.60
100	256QAM	1	1		17.36		18.60
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	20.46	20.51	20.48	22.00
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	20.41	20.46	20.34	22.00
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	20.39	20.37	20.40	22.00
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	20.44	20.38	20.35	22.00
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	20.43	20.43	20.39	22.00
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	20.35	20.40	20.43	22.00
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	20.43	20.49	20.45	22.00
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	20.43	20.47	20.43	22.00
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	20.35	20.38	20.37	22.00
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	20.39	20.49	20.46	22.00
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	20.39	20.37	20.34	22.00

【FR1 n78 (270)___FCC_Part 27O

(3700~3800MHz)_HPUE_Ant 5_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		20.58		22.00
100	PI/2 BPSK	1	137		20.56		22.00
100	PI/2 BPSK	1	271		20.47		22.00
100	PI/2 BPSK	135	0		20.48		22.00
100	PI/2 BPSK	135	69		20.55		22.00
100	PI/2 BPSK	135	138		20.55		22.00
100	PI/2 BPSK	270	0		20.53		22.00
100	QPSK	1	1		20.50		22.00
100	QPSK	1	137		20.56		22.00
100	QPSK	1	271		20.52		22.00
100	QPSK	135	0		20.51		22.00
100	QPSK	135	69		20.46		22.00
100	QPSK	135	138		20.39		22.00
100	QPSK	270	0		20.44		22.00
100	16QAM	1	1		20.26		22.00
100	64QAM	1	1		18.75		20.50
100	256QAM	1	1		16.97		18.50
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	20.51	20.55	20.53	22.00
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	20.44	20.53	20.46	22.00
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	20.44	20.47	20.45	22.00
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	20.37	20.51	20.50	22.00
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	20.45	20.42	20.44	22.00
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	20.47	20.53	20.47	22.00
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	20.40	20.42	20.41	22.00
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	20.40	20.45	20.41	22.00
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	20.47	20.48	20.49	22.00
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	20.42	20.49	20.44	22.00
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	20.38	20.51	20.42	22.00

【FR1 n78 (27Q)___FCC_Part 27Q

(3450~3550MHz)_HPUE_Ant 5_DSI5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		18.58		20.00
100	PI/2 BPSK	1	137		18.56		20.00
100	PI/2 BPSK	1	271		18.49		20.00
100	PI/2 BPSK	135	0		18.56		20.00
100	PI/2 BPSK	135	69		18.47		20.00
100	PI/2 BPSK	135	138		18.54		20.00
100	PI/2 BPSK	270	0		18.57		20.00

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

【FR1 n78 (270)_FCC_Part 270

(3700~3800MHz)_HPUE_Ant 5_DSI5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		18.59		20.00
100	PI/2 BPSK	1	137		18.58		20.00
100	PI/2 BPSK	1	271		18.52		20.00
100	PI/2 BPSK	135	0		18.58		20.00
100	PI/2 BPSK	135	69		18.53		20.00
100	PI/2 BPSK	135	138		18.53		20.00
100	PI/2 BPSK	270	0		18.54		20.00
100	QPSK	1	1		18.49		20.00
100	QPSK	1	137		18.53		20.00
100	QPSK	1	271		18.50		20.00
100	QPSK	135	0		18.56		20.00
100	QPSK	135	69		18.55		20.00
100	QPSK	135	138		18.49		20.00
100	QPSK	270	0		18.56		20.00
100	16QAM	1	1		18.55		20.00
100	64QAM	1	1		18.56		20.00
100	256QAM	1	1		18.48		20.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	18.54	18.55	18.49	20.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	18.47	18.50	18.36	20.00

Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	18.51	18.43	18.44	20.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	18.40	18.47	18.48	20.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	18.43	18.52	18.43	20.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	18.47	18.51	18.41	20.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	18.41	18.43	18.43	20.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	18.46	18.49	18.44	20.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	18.41	18.47	18.45	20.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	18.41	18.48	18.35	20.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	18.41	18.54	18.41	20.00

【FR1 n78 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_Ant 5_DSI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		18.59		20.00
100	PI/2 BPSK	1	137		18.40		20.00
100	PI/2 BPSK	1	271		18.40		20.00
100	PI/2 BPSK	135	0		18.48		20.00
100	PI/2 BPSK	135	69		18.41		20.00
100	PI/2 BPSK	135	138		18.48		20.00
100	PI/2 BPSK	270	0		18.43		20.00
100	QPSK	1	1		18.46		20.00
100	QPSK	1	137		18.46		20.00
100	QPSK	1	271		18.47		20.00
100	QPSK	135	0		18.47		20.00
100	QPSK	135	69		18.41		20.00
100	QPSK	135	138		18.36		20.00
100	QPSK	270	0		18.44		20.00
100	16QAM	1	1		18.48		20.00
100	64QAM	1	1		18.55		20.00
100	256QAM	1	1		17.36		18.60
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	18.52	18.57	18.55	20.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	18.40	18.51	18.51	20.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	18.49	18.56	18.49	20.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	18.37	18.52	18.50	20.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	18.49	18.50	18.41	20.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	18.40	18.48	18.45	20.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	18.45	18.43	18.48	20.00
Channel				630834	633332	635832	Tune-up limit

	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	18.40	18.52	18.42	20.00
	Channel			630668	633332	636000	Tune-up limit
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	18.39	18.53	18.45	20.00
	Channel			630500	633332	636166	Tune-up limit
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	18.39	18.49	18.44	20.00
	Channel			630334	633332	636332	Tune-up limit
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	18.38	18.46	18.43	20.00

【FR1 n78 (270)_FCC_Part 270

(3700~3800MHz)_HPUE_Ant 5_DSI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel				650000		
	Frequency (MHz)				3750		
100	PI/2 BPSK	1	1		18.57		20.00
100	PI/2 BPSK	1	137		18.45		20.00
100	PI/2 BPSK	1	271		18.39		20.00
100	PI/2 BPSK	135	0		18.45		20.00
100	PI/2 BPSK	135	69		18.47		20.00
100	PI/2 BPSK	135	138		18.53		20.00
100	PI/2 BPSK	270	0		18.48		20.00
100	QPSK	1	1		18.51		20.00
100	QPSK	1	137		18.38		20.00
100	QPSK	1	271		18.43		20.00
100	QPSK	135	0		18.43		20.00
100	QPSK	135	69		18.40		20.00
100	QPSK	135	138		18.40		20.00
100	QPSK	270	0		18.42		20.00
100	16QAM	1	1		18.54		20.00
100	64QAM	1	1		18.50		20.00
100	256QAM	1	1		16.97		18.50
	Channel			649668	650000	650332	Tune-up limit
	Frequency (MHz)			3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	18.52	18.56	18.51	20.00
	Channel			649334	650000	650666	Tune-up limit
	Frequency (MHz)			3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	18.40	18.45	18.41	20.00
	Channel			649000	650000	651000	Tune-up limit
	Frequency (MHz)			3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	18.44	18.51	18.41	20.00
	Channel			648668	650000	651332	Tune-up limit
	Frequency (MHz)			3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	18.42	18.43	18.49	20.00
	Channel			648334	650000	651666	Tune-up limit
	Frequency (MHz)			3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	18.41	18.44	18.41	20.00
	Channel			648000	650000	652000	Tune-up limit
	Frequency (MHz)			3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	18.37	18.49	18.38	20.00
	Channel			647668	650000	652332	Tune-up limit
	Frequency (MHz)			3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	18.50	18.43	18.41	20.00
	Channel			647500	650000	652500	Tune-up limit
	Frequency (MHz)			3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	18.47	18.44	18.48	20.00
	Channel			647334	650000	652666	Tune-up limit
	Frequency (MHz)			3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	18.38	18.47	18.37	20.00
	Channel			647168	650000	652832	Tune-up limit
	Frequency (MHz)			3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	18.49	18.45	18.40	20.00
	Channel			647000	650000	653000	Tune-up limit
	Frequency (MHz)			3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	18.50	18.42	18.48	20.00

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

10_default】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		25.28		25.70
100	PI/2 BPSK	1	137		24.98		25.70
100	PI/2 BPSK	1	271		25.21		25.70
100	PI/2 BPSK	135	0		25.04		25.20
100	PI/2 BPSK	135	69		25.02		25.70
100	PI/2 BPSK	135	138		25.12		25.20
100	PI/2 BPSK	270	0		25.08		25.20
100	QPSK	1	1		25.21		25.70
100	QPSK	1	137		24.97		25.70
100	QPSK	1	271		25.25		25.70
100	QPSK	135	0		24.40		24.70
100	QPSK	135	69		25.13		25.70
100	QPSK	135	138		24.39		24.70
100	QPSK	270	0		24.34		24.70
100	16QAM	1	1		24.19		24.70
100	64QAM	1	1		22.74		23.20
100	256QAM	1	1		20.72		21.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	25.18	25.23	25.20	25.70
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	25.09	25.10	25.06	25.70
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	25.10	25.11	25.17	25.70
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	25.05	25.22	25.14	25.70
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	25.10	25.10	25.05	25.70
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	25.09	25.12	25.13	25.70
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	25.05	25.18	25.16	25.70
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	25.04	25.14	25.10	25.70
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	25.14	25.11	25.12	25.70
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	25.05	25.15	25.11	25.70
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	25.15	25.10	25.15	25.70

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

10_default】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		25.19		25.70
100	PI/2 BPSK	1	137		24.91		25.70
100	PI/2 BPSK	1	271		25.04		25.70
100	PI/2 BPSK	135	0		24.91		25.20
100	PI/2 BPSK	135	69		24.83		25.70
100	PI/2 BPSK	135	138		24.93		25.20

100	PI/2 BPSK	270	0		24.86		25.20
100	QPSK	1	1		25.06		25.70
100	QPSK	1	137		24.78		25.70
100	QPSK	1	271		24.91		25.70
100	QPSK	135	0		24.23		24.70
100	QPSK	135	69		24.77		25.70
100	QPSK	135	138		24.24		24.70
100	QPSK	270	0		24.12		24.70
100	16QAM	1	1		24.23		24.70
100	64QAM	1	1		22.72		23.20
100	256QAM	1	1		20.66		21.20
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	25.00	25.10	25.04	25.70
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	24.85	25.08	24.93	25.70
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	24.87	24.97	24.94	25.70
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	24.95	25.01	24.92	25.70
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	24.89	24.95	25.03	25.70
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	24.96	25.07	24.99	25.70
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	24.87	25.03	24.98	25.70
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	24.90	24.98	24.96	25.70
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	24.90	25.07	24.90	25.70
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	24.88	25.02	24.99	25.70
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	24.94	25.03	24.98	25.70

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

10_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		25.28		25.70
100	PI/2 BPSK	1	137		24.98		25.70
100	PI/2 BPSK	1	271		25.21		25.70
100	PI/2 BPSK	135	0		25.04		25.20
100	PI/2 BPSK	135	69		25.02		25.70
100	PI/2 BPSK	135	138		25.12		25.20
100	PI/2 BPSK	270	0		25.08		25.20
100	QPSK	1	1		25.21		25.70
100	QPSK	1	137		24.97		25.70
100	QPSK	1	271		25.25		25.70
100	QPSK	135	0		24.40		24.70
100	QPSK	135	69		25.13		25.70
100	QPSK	135	138		24.39		24.70
100	QPSK	270	0		24.34		24.70
100	16QAM	1	1		24.19		24.70
100	64QAM	1	1		22.74		23.20
100	256QAM	1	1		20.72		21.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	25.18	25.23	25.20	25.70
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)

80	PI/2 BPSK	1	1	25.09	25.10	25.06	25.70
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	25.10	25.11	25.17	25.70
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	25.05	25.22	25.14	25.70
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	25.10	25.10	25.05	25.70
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	25.09	25.12	25.13	25.70
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	25.05	25.18	25.16	25.70
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	25.04	25.14	25.10	25.70
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	25.14	25.11	25.12	25.70
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	25.05	25.15	25.11	25.70
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	25.15	25.10	25.15	25.70

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

10_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		25.19		25.70
100	PI/2 BPSK	1	137		24.91		25.70
100	PI/2 BPSK	1	271		25.04		25.70
100	PI/2 BPSK	135	0		24.91		25.20
100	PI/2 BPSK	135	69		24.83		25.70
100	PI/2 BPSK	135	138		24.93		25.20
100	PI/2 BPSK	270	0		24.86		25.20
100	QPSK	1	1		25.06		25.70
100	QPSK	1	137		24.78		25.70
100	QPSK	1	271		24.91		25.70
100	QPSK	135	0		24.23		24.70
100	QPSK	135	69		24.77		25.70
100	QPSK	135	138		24.24		24.70
100	QPSK	270	0		24.12		24.70
100	16QAM	1	1		24.23		24.70
100	64QAM	1	1		22.72		23.20
100	256QAM	1	1		20.66		21.20
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	25.00	25.10	25.04	25.70
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	24.85	25.08	24.93	25.70
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	24.87	24.97	24.94	25.70
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	24.95	25.01	24.92	25.70
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	24.89	24.95	25.03	25.70
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	24.96	25.07	24.99	25.70
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	24.87	25.03	24.98	25.70

Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	24.90	24.98	24.96	25.70
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	24.90	25.07	24.90	25.70
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	24.88	25.02	24.99	25.70
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	24.94	25.03	24.98	25.70

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

10_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		16.71		17.20
100	PI/2 BPSK	1	137		16.59		17.20
100	PI/2 BPSK	1	271		16.60		17.20
100	PI/2 BPSK	135	0		16.65		17.20
100	PI/2 BPSK	135	69		16.68		17.20
100	PI/2 BPSK	135	138		16.57		17.20
100	PI/2 BPSK	270	0		16.66		17.20
100	QPSK	1	1		16.62		17.20
100	QPSK	1	137		16.66		17.20
100	QPSK	1	271		16.59		17.20
100	QPSK	135	0		16.60		17.20
100	QPSK	135	69		16.62		17.20
100	QPSK	135	138		16.67		17.20
100	QPSK	270	0		16.63		17.20
100	16QAM	1	1		16.63		17.20
100	64QAM	1	1		16.65		17.20
100	256QAM	1	1		16.65		17.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	16.57	16.67	16.65	17.20
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	16.49	16.53	16.52	17.20
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	16.50	16.55	16.59	17.20
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	16.52	16.60	16.60	17.20
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	16.47	16.54	16.52	17.20
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	16.46	16.63	16.58	17.20
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	16.50	16.53	16.59	17.20
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	16.43	16.62	16.61	17.20
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	16.51	16.63	16.63	17.20
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	16.45	16.54	16.51	17.20
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	16.48	16.59	16.54	17.20

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

10_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		16.68		17.20
100	PI/2 BPSK	1	137		16.64		17.20
100	PI/2 BPSK	1	271		16.67		17.20
100	PI/2 BPSK	135	0		16.57		17.20
100	PI/2 BPSK	135	69		16.66		17.20
100	PI/2 BPSK	135	138		16.57		17.20
100	PI/2 BPSK	270	0		16.64		17.20
100	QPSK	1	1		16.56		17.20
100	QPSK	1	137		16.57		17.20
100	QPSK	1	271		16.57		17.20
100	QPSK	135	0		16.65		17.20
100	QPSK	135	69		16.66		17.20
100	QPSK	135	138		16.66		17.20
100	QPSK	270	0		16.65		17.20
100	16QAM	1	1		16.58		17.20
100	64QAM	1	1		16.67		17.20
100	256QAM	1	1		16.65		17.20
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	16.53	16.67	16.62	17.20
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	16.48	16.59	16.48	17.20
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	16.46	16.59	16.60	17.20
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	16.49	16.58	16.56	17.20
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	16.51	16.61	16.60	17.20
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	16.42	16.65	16.53	17.20
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	16.44	16.66	16.53	17.20
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	16.39	16.58	16.53	17.20
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	16.51	16.54	16.51	17.20
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	16.45	16.54	16.53	17.20
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	16.38	16.55	16.54	17.20

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

10_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		16.71		17.20
100	PI/2 BPSK	1	137		16.59		17.20
100	PI/2 BPSK	1	271		16.60		17.20
100	PI/2 BPSK	135	0		16.65		17.20
100	PI/2 BPSK	135	69		16.68		17.20
100	PI/2 BPSK	135	138		16.57		17.20
100	PI/2 BPSK	270	0		16.66		17.20
100	QPSK	1	1		16.62		17.20

100	QPSK	1	137		16.66		17.20
100	QPSK	1	271		16.59		17.20
100	QPSK	135	0		16.60		17.20
100	QPSK	135	69		16.62		17.20
100	QPSK	135	138		16.67		17.20
100	QPSK	270	0		16.63		17.20
100	16QAM	1	1		16.63		17.20
100	64QAM	1	1		16.65		17.20
100	256QAM	1	1		16.65		17.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	16.57	16.67	16.65	17.20
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	16.49	16.53	16.52	17.20
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	16.50	16.55	16.59	17.20
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	16.52	16.60	16.60	17.20
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	16.47	16.54	16.52	17.20
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	16.46	16.63	16.58	17.20
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	16.50	16.53	16.59	17.20
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	16.43	16.62	16.61	17.20
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	16.51	16.63	16.63	17.20
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	16.45	16.54	16.51	17.20
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	16.48	16.59	16.54	17.20

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

10_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		16.68		17.20
100	PI/2 BPSK	1	137		16.64		17.20
100	PI/2 BPSK	1	271		16.67		17.20
100	PI/2 BPSK	135	0		16.57		17.20
100	PI/2 BPSK	135	69		16.66		17.20
100	PI/2 BPSK	135	138		16.57		17.20
100	PI/2 BPSK	270	0		16.64		17.20
100	QPSK	1	1		16.56		17.20
100	QPSK	1	137		16.57		17.20
100	QPSK	1	271		16.57		17.20
100	QPSK	135	0		16.65		17.20
100	QPSK	135	69		16.66		17.20
100	QPSK	135	138		16.66		17.20
100	QPSK	270	0		16.65		17.20
100	16QAM	1	1		16.58		17.20
100	64QAM	1	1		16.67		17.20
100	256QAM	1	1		16.65		17.20
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	16.53	16.67	16.62	17.20
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	16.48	16.59	16.48	17.20
Channel				649000	650000	651000	Tune-up limit

		Frequency (MHz)			3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1		16.46	16.59	16.60	17.20
		Channel			648668	650000	651332	Tune-up limit
		Frequency (MHz)			3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1		16.49	16.58	16.56	17.20
		Channel			648334	650000	651666	Tune-up limit
		Frequency (MHz)			3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1		16.51	16.61	16.60	17.20
		Channel			648000	650000	652000	Tune-up limit
		Frequency (MHz)			3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1		16.42	16.65	16.53	17.20
		Channel			647668	650000	652332	Tune-up limit
		Frequency (MHz)			3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1		16.44	16.66	16.53	17.20
		Channel			647500	650000	652500	Tune-up limit
		Frequency (MHz)			3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1		16.39	16.58	16.53	17.20
		Channel			647334	650000	652666	Tune-up limit
		Frequency (MHz)			3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1		16.51	16.54	16.51	17.20
		Channel			647168	650000	652832	Tune-up limit
		Frequency (MHz)			3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1		16.45	16.54	16.53	17.20
		Channel			647000	650000	653000	Tune-up limit
		Frequency (MHz)			3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1		16.38	16.55	16.54	17.20

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

10_DSI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
					633332		
					3499.98		
100	PI/2 BPSK	1	1		16.71		17.20
100	PI/2 BPSK	1	137		16.59		17.20
100	PI/2 BPSK	1	271		16.60		17.20
100	PI/2 BPSK	135	0		16.65		17.20
100	PI/2 BPSK	135	69		16.68		17.20
100	PI/2 BPSK	135	138		16.57		17.20
100	PI/2 BPSK	270	0		16.66		17.20
100	QPSK	1	1		16.62		17.20
100	QPSK	1	137		16.66		17.20
100	QPSK	1	271		16.59		17.20
100	QPSK	135	0		16.60		17.20
100	QPSK	135	69		16.62		17.20
100	QPSK	135	138		16.67		17.20
100	QPSK	270	0		16.63		17.20
100	16QAM	1	1		16.63		17.20
100	64QAM	1	1		16.65		17.20
100	256QAM	1	1		16.65		17.20
				633000	633332	633666	Tune-up limit
				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1		16.57	16.65	17.20
				632668	633332	634000	Tune-up limit
				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1		16.49	16.53	16.52
				632334	633332	634332	Tune-up limit
				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1		16.50	16.55	16.59
				632000	633332	634666	Tune-up limit
				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1		16.52	16.60	16.60
				631668	633332	635000	Tune-up limit
				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1		16.47	16.54	16.52
				631334	633332	635332	Tune-up limit
				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1		16.46	16.63	16.58
				631000	633332	635666	Tune-up limit
				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1		16.50	16.53	16.59
				630834	633332	635832	Tune-up limit
				3462.51	3499.98	3537.48	(dBm)

25	PI/2 BPSK	1	1	16.43	16.62	16.61	17.20
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	16.51	16.63	16.63	17.20
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	16.45	16.54	16.51	17.20
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	16.48	16.59	16.54	17.20

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

10_DSI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		16.68		17.20
100	PI/2 BPSK	1	137		16.64		17.20
100	PI/2 BPSK	1	271		16.67		17.20
100	PI/2 BPSK	135	0		16.57		17.20
100	PI/2 BPSK	135	69		16.66		17.20
100	PI/2 BPSK	135	138		16.57		17.20
100	PI/2 BPSK	270	0		16.64		17.20
100	QPSK	1	1		16.56		17.20
100	QPSK	1	137		16.57		17.20
100	QPSK	1	271		16.57		17.20
100	QPSK	135	0		16.65		17.20
100	QPSK	135	69		16.66		17.20
100	QPSK	135	138		16.66		17.20
100	QPSK	270	0		16.65		17.20
100	16QAM	1	1		16.58		17.20
100	64QAM	1	1		16.67		17.20
100	256QAM	1	1		16.65		17.20
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	16.53	16.67	16.62	17.20
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	16.48	16.59	16.48	17.20
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	16.46	16.59	16.60	17.20
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	16.49	16.58	16.56	17.20
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	16.51	16.61	16.60	17.20
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	16.42	16.65	16.53	17.20
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	16.44	16.66	16.53	17.20
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	16.39	16.58	16.53	17.20
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	16.51	16.54	16.51	17.20
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	16.45	16.54	16.53	17.20
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	16.38	16.55	16.54	17.20

【FR1 n78 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_Ant 10_default】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		27.26		28.50
100	PI/2 BPSK	1	137		27.07		28.50
100	PI/2 BPSK	1	271		27.23		28.50
100	PI/2 BPSK	135	0		26.55		28.00
100	PI/2 BPSK	135	69		27.04		28.50
100	PI/2 BPSK	135	138		26.67		28.00
100	PI/2 BPSK	270	0		26.58		28.00
100	QPSK	1	1		27.13		28.50
100	QPSK	1	137		26.92		28.50
100	QPSK	1	271		27.23		28.50
100	QPSK	135	0		26.04		27.50
100	QPSK	135	69		26.95		28.50
100	QPSK	135	138		26.15		27.50
100	QPSK	270	0		26.06		27.50
100	16QAM	1	1		26.12		27.50
100	64QAM	1	1		24.15		26.00
100	256QAM	1	1		22.27		24.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	27.21	27.23	27.17	28.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	27.07	27.19	27.11	28.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	27.10	27.11	27.05	28.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	27.09	27.08	27.13	28.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	27.12	27.22	27.03	28.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	27.19	27.19	27.10	28.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	27.16	27.14	27.06	28.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	27.14	27.17	27.09	28.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	27.08	27.10	27.08	28.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	27.14	27.22	27.08	28.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	27.16	27.15	27.08	28.50

【FR1 n78 (27O)_FCC_Part 27O

(3700~3800MHz)_HPUE_Ant 10_default】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		27.18		28.50
100	PI/2 BPSK	1	137		26.95		28.50
100	PI/2 BPSK	1	271		26.94		28.50
100	PI/2 BPSK	135	0		26.43		28.00
100	PI/2 BPSK	135	69		26.86		28.50
100	PI/2 BPSK	135	138		26.24		28.00

100	PI/2 BPSK	270	0		26.29		28.00
100	QPSK	1	1		27.02		28.50
100	QPSK	1	137		26.86		28.50
100	QPSK	1	271		26.94		28.50
100	QPSK	135	0		25.86		27.50
100	QPSK	135	69		26.73		28.50
100	QPSK	135	138		25.85		27.50
100	QPSK	270	0		25.83		27.50
100	16QAM	1	1		25.88		27.50
100	64QAM	1	1		24.12		26.00
100	256QAM	1	1		22.06		24.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	27.11	27.14	27.16	28.50
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	27.08	27.06	27.08	28.50
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	27.09	27.04	27.14	28.50
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	27.02	27.03	27.11	28.50
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	26.96	27.05	27.08	28.50
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	26.97	27.05	27.06	28.50
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	27.03	27.01	27.03	28.50
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	27.08	27.08	27.09	28.50
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	26.99	27.09	27.02	28.50
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	26.99	27.01	27.13	28.50
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	27.01	27.05	27.15	28.50

【FR1 n78 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_Ant 10_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		27.26		28.50
100	PI/2 BPSK	1	137		27.07		28.50
100	PI/2 BPSK	1	271		27.23		28.50
100	PI/2 BPSK	135	0		26.55		28.00
100	PI/2 BPSK	135	69		27.04		28.50
100	PI/2 BPSK	135	138		26.67		28.00
100	PI/2 BPSK	270	0		26.58		28.00
100	QPSK	1	1		27.13		28.50
100	QPSK	1	137		26.92		28.50
100	QPSK	1	271		27.23		28.50
100	QPSK	135	0		26.04		27.50
100	QPSK	135	69		26.95		28.50
100	QPSK	135	138		26.15		27.50
100	QPSK	270	0		26.06		27.50
100	16QAM	1	1		26.12		27.50
100	64QAM	1	1		24.15		26.00
100	256QAM	1	1		22.27		24.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	27.21	27.23	27.17	28.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)

80	PI/2 BPSK	1	1	27.07	27.19	27.11	28.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	27.10	27.11	27.05	28.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	27.09	27.08	27.13	28.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	27.12	27.22	27.03	28.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	27.19	27.19	27.10	28.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	27.16	27.14	27.06	28.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	27.14	27.17	27.09	28.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	27.08	27.10	27.08	28.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	27.14	27.22	27.08	28.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	27.16	27.15	27.08	28.50

【FR1 n78 (270)_FCC_Part 270

(3700~3800MHz)_HPUE_Ant 10_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		27.18		28.50
100	PI/2 BPSK	1	137		26.95		28.50
100	PI/2 BPSK	1	271		26.94		28.50
100	PI/2 BPSK	135	0		26.43		28.00
100	PI/2 BPSK	135	69		26.86		28.50
100	PI/2 BPSK	135	138		26.24		28.00
100	PI/2 BPSK	270	0		26.29		28.00
100	QPSK	1	1		27.02		28.50
100	QPSK	1	137		26.86		28.50
100	QPSK	1	271		26.94		28.50
100	QPSK	135	0		25.86		27.50
100	QPSK	135	69		26.73		28.50
100	QPSK	135	138		25.85		27.50
100	QPSK	270	0		25.83		27.50
100	16QAM	1	1		25.88		27.50
100	64QAM	1	1		24.12		26.00
100	256QAM	1	1		22.06		24.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	27.11	27.14	27.16	28.50
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	27.08	27.06	27.08	28.50
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	27.09	27.04	27.14	28.50
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	27.02	27.03	27.11	28.50
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	26.96	27.05	27.08	28.50
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	26.97	27.05	27.06	28.50
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	27.03	27.01	27.03	28.50

Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	27.08	27.08	27.09	28.50
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	26.99	27.09	27.02	28.50
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	26.99	27.01	27.13	28.50
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	27.01	27.05	27.15	28.50

【FR1 n78 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_Ant 10_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		19.72		21.00
100	PI/2 BPSK	1	137		19.63		21.00
100	PI/2 BPSK	1	271		19.59		21.00
100	PI/2 BPSK	135	0		19.58		21.00
100	PI/2 BPSK	135	69		19.65		21.00
100	PI/2 BPSK	135	138		19.63		21.00
100	PI/2 BPSK	270	0		19.60		21.00
100	QPSK	1	1		19.67		21.00
100	QPSK	1	137		19.68		21.00
100	QPSK	1	271		19.62		21.00
100	QPSK	135	0		19.66		21.00
100	QPSK	135	69		19.65		21.00
100	QPSK	135	138		19.65		21.00
100	QPSK	270	0		19.61		21.00
100	16QAM	1	1		19.64		21.00
100	64QAM	1	1		19.65		21.00
100	256QAM	1	1		19.65		21.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	19.64	19.71	19.67	21.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	19.58	19.67	19.53	21.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	19.54	19.60	19.62	21.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	19.59	19.63	19.55	21.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	19.60	19.69	19.58	21.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	19.57	19.59	19.57	21.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	19.51	19.58	19.55	21.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	19.53	19.62	19.55	21.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	19.61	19.61	19.59	21.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	19.56	19.65	19.58	21.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	19.62	19.67	19.65	21.00

【FR1 n78 (270)_FCC_Part 270

(3700~3800MHz)_HPUE_Ant 10_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		19.68		21.00
100	PI/2 BPSK	1	137		19.65		21.00
100	PI/2 BPSK	1	271		19.55		21.00
100	PI/2 BPSK	135	0		19.56		21.00
100	PI/2 BPSK	135	69		19.63		21.00
100	PI/2 BPSK	135	138		19.56		21.00
100	PI/2 BPSK	270	0		19.55		21.00
100	QPSK	1	1		19.66		21.00
100	QPSK	1	137		19.65		21.00
100	QPSK	1	271		19.66		21.00
100	QPSK	135	0		19.63		21.00
100	QPSK	135	69		19.63		21.00
100	QPSK	135	138		19.65		21.00
100	QPSK	270	0		19.60		21.00
100	16QAM	1	1		19.58		21.00
100	64QAM	1	1		19.58		21.00
100	256QAM	1	1		19.65		21.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	19.62	19.67	19.54	21.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	19.56	19.55	19.44	21.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	19.50	19.62	19.46	21.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	19.55	19.56	19.40	21.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	19.55	19.56	19.41	21.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	19.52	19.53	19.46	21.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	19.56	19.66	19.43	21.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	19.50	19.57	19.43	21.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	19.51	19.63	19.47	21.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	19.58	19.53	19.41	21.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	19.52	19.56	19.52	21.00

【FR1 n78 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_Ant 10_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		19.72		21.00
100	PI/2 BPSK	1	137		19.63		21.00
100	PI/2 BPSK	1	271		19.59		21.00
100	PI/2 BPSK	135	0		19.58		21.00
100	PI/2 BPSK	135	69		19.65		21.00
100	PI/2 BPSK	135	138		19.63		21.00
100	PI/2 BPSK	270	0		19.60		21.00
100	QPSK	1	1		19.67		21.00

100	QPSK	1	137		19.68		21.00
100	QPSK	1	271		19.62		21.00
100	QPSK	135	0		19.66		21.00
100	QPSK	135	69		19.65		21.00
100	QPSK	135	138		19.65		21.00
100	QPSK	270	0		19.61		21.00
100	16QAM	1	1		19.64		21.00
100	64QAM	1	1		19.65		21.00
100	256QAM	1	1		19.65		21.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	19.64	19.71	19.67	21.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	19.58	19.67	19.53	21.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	19.54	19.60	19.62	21.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	19.59	19.63	19.55	21.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	19.60	19.69	19.58	21.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	19.57	19.59	19.57	21.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	19.51	19.58	19.55	21.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	19.53	19.62	19.55	21.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	19.61	19.61	19.59	21.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	19.56	19.65	19.58	21.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	19.62	19.67	19.65	21.00

【FR1 n78 (270)_FCC_Part 270

(3700~3800MHz)_HPUE_Ant 10_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		19.68		21.00
100	PI/2 BPSK	1	137		19.65		21.00
100	PI/2 BPSK	1	271		19.55		21.00
100	PI/2 BPSK	135	0		19.56		21.00
100	PI/2 BPSK	135	69		19.63		21.00
100	PI/2 BPSK	135	138		19.56		21.00
100	PI/2 BPSK	270	0		19.55		21.00
100	QPSK	1	1		19.66		21.00
100	QPSK	1	137		19.65		21.00
100	QPSK	1	271		19.66		21.00
100	QPSK	135	0		19.63		21.00
100	QPSK	135	69		19.63		21.00
100	QPSK	135	138		19.65		21.00
100	QPSK	270	0		19.60		21.00
100	16QAM	1	1		19.58		21.00
100	64QAM	1	1		19.58		21.00
100	256QAM	1	1		19.65		21.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	19.62	19.67	19.54	21.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	19.56	19.55	19.44	21.00
Channel				649000	650000	651000	Tune-up limit

		Frequency (MHz)			3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1		19.50	19.62	19.46	21.00
		Channel			648668	650000	651332	Tune-up limit
		Frequency (MHz)			3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1		19.55	19.56	19.40	21.00
		Channel			648334	650000	651666	Tune-up limit
		Frequency (MHz)			3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1		19.55	19.56	19.41	21.00
		Channel			648000	650000	652000	Tune-up limit
		Frequency (MHz)			3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1		19.52	19.53	19.46	21.00
		Channel			647668	650000	652332	Tune-up limit
		Frequency (MHz)			3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1		19.56	19.66	19.43	21.00
		Channel			647500	650000	652500	Tune-up limit
		Frequency (MHz)			3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1		19.50	19.57	19.43	21.00
		Channel			647334	650000	652666	Tune-up limit
		Frequency (MHz)			3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1		19.51	19.63	19.47	21.00
		Channel			647168	650000	652832	Tune-up limit
		Frequency (MHz)			3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1		19.58	19.53	19.41	21.00
		Channel			647000	650000	653000	Tune-up limit
		Frequency (MHz)			3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1		19.52	19.56	19.52	21.00

【FR1 n78 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_Ant 10_DSI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
					633332		
					3499.98		
100	PI/2 BPSK	1	1		19.72		21.00
100	PI/2 BPSK	1	137		19.63		21.00
100	PI/2 BPSK	1	271		19.59		21.00
100	PI/2 BPSK	135	0		19.58		21.00
100	PI/2 BPSK	135	69		19.65		21.00
100	PI/2 BPSK	135	138		19.63		21.00
100	PI/2 BPSK	270	0		19.60		21.00
100	QPSK	1	1		19.67		21.00
100	QPSK	1	137		19.68		21.00
100	QPSK	1	271		19.62		21.00
100	QPSK	135	0		19.66		21.00
100	QPSK	135	69		19.65		21.00
100	QPSK	135	138		19.65		21.00
100	QPSK	270	0		19.61		21.00
100	16QAM	1	1		19.64		21.00
100	64QAM	1	1		19.65		21.00
100	256QAM	1	1		19.65		21.00
				633000	633332	633666	Tune-up limit
				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	19.64	19.71	19.67	21.00
				632668	633332	634000	Tune-up limit
				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	19.58	19.67	19.53	21.00
				632334	633332	634332	Tune-up limit
				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	19.54	19.60	19.62	21.00
				632000	633332	634666	Tune-up limit
				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	19.59	19.63	19.55	21.00
				631668	633332	635000	Tune-up limit
				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	19.60	19.69	19.58	21.00
				631334	633332	635332	Tune-up limit
				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	19.57	19.59	19.57	21.00
				631000	633332	635666	Tune-up limit
				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	19.51	19.58	19.55	21.00
				630834	633332	635832	Tune-up limit
				3462.51	3499.98	3537.48	(dBm)

25	PI/2 BPSK	1	1	19.53	19.62	19.55	21.00
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	19.61	19.61	19.59	21.00
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	19.56	19.65	19.58	21.00
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	19.62	19.67	19.65	21.00

【FR1 n78 (270)_FCC_Part 270

(3700~3800MHz)_HPUE_Ant 10_DSI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		19.68		21.00
100	PI/2 BPSK	1	137		19.65		21.00
100	PI/2 BPSK	1	271		19.55		21.00
100	PI/2 BPSK	135	0		19.56		21.00
100	PI/2 BPSK	135	69		19.63		21.00
100	PI/2 BPSK	135	138		19.56		21.00
100	PI/2 BPSK	270	0		19.55		21.00
100	QPSK	1	1		19.66		21.00
100	QPSK	1	137		19.65		21.00
100	QPSK	1	271		19.66		21.00
100	QPSK	135	0		19.63		21.00
100	QPSK	135	69		19.63		21.00
100	QPSK	135	138		19.65		21.00
100	QPSK	270	0		19.60		21.00
100	16QAM	1	1		19.58		21.00
100	64QAM	1	1		19.58		21.00
100	256QAM	1	1		19.65		21.00
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	19.62	19.67	19.54	21.00
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	19.56	19.55	19.44	21.00
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	19.50	19.62	19.46	21.00
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	19.55	19.56	19.40	21.00
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	19.55	19.56	19.41	21.00
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	19.52	19.53	19.46	21.00
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	19.56	19.66	19.43	21.00
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	19.50	19.57	19.43	21.00
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	19.51	19.63	19.47	21.00
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	19.58	19.53	19.41	21.00
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	19.52	19.56	19.52	21.00

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

19_default】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		24.17		25.70
100	PI/2 BPSK	1	137		23.76		25.70
100	PI/2 BPSK	1	271		23.82		25.70
100	PI/2 BPSK	135	0		23.43		25.20
100	PI/2 BPSK	135	69		23.82		25.70
100	PI/2 BPSK	135	138		23.25		25.20
100	PI/2 BPSK	270	0		23.36		25.20
100	QPSK	1	1		24.14		25.70
100	QPSK	1	137		23.75		25.70
100	QPSK	1	271		23.78		25.70
100	QPSK	135	0		22.91		24.70
100	QPSK	135	69		23.72		25.70
100	QPSK	135	138		22.76		24.70
100	QPSK	270	0		22.87		24.70
100	16QAM	1	1		23.04		24.70
100	64QAM	1	1		21.54		23.20
100	256QAM	1	1		19.58		21.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	24.06	24.11	24.10	25.70
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	24.03	24.08	24.05	25.70
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	24.02	23.96	23.99	25.70
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	23.93	24.00	23.99	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	24.03	24.07	25.70
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	24.05	23.98	24.01	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	24.03	24.08	25.70
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	23.92	24.09	24.04	25.70
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	24.04	24.00	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	24.02	24.02	24.01	25.70
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	23.96	24.02	23.97	25.70

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

19_default】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		24.15		25.70
100	PI/2 BPSK	1	137		24.13		25.70
100	PI/2 BPSK	1	271		24.10		25.70
100	PI/2 BPSK	135	0		23.53		25.20
100	PI/2 BPSK	135	69		24.11		25.70
100	PI/2 BPSK	135	138		23.60		25.20
100	PI/2 BPSK	270	0		23.51		25.20
100	QPSK	1	1		24.04		25.70
100	QPSK	1	137		24.01		25.70

100	QPSK	1	271		24.10		25.70
100	QPSK	135	0		22.98		24.70
100	QPSK	135	69		24.03		25.70
100	QPSK	135	138		23.07		24.70
100	QPSK	270	0		23.10		24.70
100	16QAM	1	1		23.10		24.70
100	64QAM	1	1		21.61		23.20
100	256QAM	1	1		19.52		21.20
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	24.10	24.13	23.97	25.70
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	24.09	23.99	23.95	25.70
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	24.07	24.07	23.92	25.70
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	24.05	24.12	23.88	25.70
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	23.98	24.02	23.93	25.70
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	23.99	24.11	23.89	25.70
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	23.97	24.10	23.85	25.70
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	24.01	24.09	23.91	25.70
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	24.05	24.08	23.88	25.70
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	24.04	24.07	23.91	25.70
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	24.03	23.99	23.93	25.70

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

19_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		17.30		18.70
100	PI/2 BPSK	1	137		17.21		18.70
100	PI/2 BPSK	1	271		17.25		18.70
100	PI/2 BPSK	135	0		17.24		18.70
100	PI/2 BPSK	135	69		17.29		18.70
100	PI/2 BPSK	135	138		17.22		18.70
100	PI/2 BPSK	270	0		17.26		18.70
100	QPSK	1	1		17.25		18.70
100	QPSK	1	137		17.23		18.70
100	QPSK	1	271		17.29		18.70
100	QPSK	135	0		17.20		18.70
100	QPSK	135	69		17.23		18.70
100	QPSK	135	138		17.29		18.70
100	QPSK	270	0		17.21		18.70
100	16QAM	1	1		17.28		18.70
100	64QAM	1	1		17.22		18.70
100	256QAM	1	1		17.25		18.70
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	17.25	17.28	17.26	18.70
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	17.17	17.15	17.15	18.70
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)

70	PI/2 BPSK	1	1	17.11	17.15	17.21	18.70
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	17.16	17.25	17.22	18.70
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	17.13	17.24	17.14	18.70
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	17.12	17.19	17.17	18.70
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	17.14	17.21	17.20	18.70
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	17.21	17.21	17.11	18.70
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	17.22	17.25	17.14	18.70
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	17.17	17.21	17.19	18.70
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	17.13	17.23	17.13	18.70

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

19_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		17.28		18.70
100	PI/2 BPSK	1	137		17.21		18.70
100	PI/2 BPSK	1	271		17.27		18.70
100	PI/2 BPSK	135	0		17.23		18.70
100	PI/2 BPSK	135	69		17.26		18.70
100	PI/2 BPSK	135	138		17.24		18.70
100	PI/2 BPSK	270	0		17.23		18.70
100	QPSK	1	1		17.23		18.70
100	QPSK	1	137		17.26		18.70
100	QPSK	1	271		17.20		18.70
100	QPSK	135	0		17.25		18.70
100	QPSK	135	69		17.22		18.70
100	QPSK	135	138		17.19		18.70
100	QPSK	270	0		17.29		18.70
100	16QAM	1	1		17.25		18.70
100	64QAM	1	1		17.19		18.70
100	256QAM	1	1		17.23		18.70
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	17.19	17.24	17.21	18.70
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	17.07	17.18	17.12	18.70
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	17.12	17.10	17.15	18.70
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	17.18	17.19	17.09	18.70
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	17.18	17.19	17.08	18.70
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	17.05	17.21	17.14	18.70
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	17.09	17.22	17.07	18.70
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	17.08	17.17	17.10	18.70

Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	17.16	17.11	17.11	18.70
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	17.16	17.16	17.10	18.70
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	17.16	17.21	17.07	18.70

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

19_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		17.30		18.70
100	PI/2 BPSK	1	137		17.21		18.70
100	PI/2 BPSK	1	271		17.25		18.70
100	PI/2 BPSK	135	0		17.24		18.70
100	PI/2 BPSK	135	69		17.29		18.70
100	PI/2 BPSK	135	138		17.22		18.70
100	PI/2 BPSK	270	0		17.26		18.70
100	QPSK	1	1		17.25		18.70
100	QPSK	1	137		17.23		18.70
100	QPSK	1	271		17.29		18.70
100	QPSK	135	0		17.20		18.70
100	QPSK	135	69		17.23		18.70
100	QPSK	135	138		17.29		18.70
100	QPSK	270	0		17.21		18.70
100	16QAM	1	1		17.28		18.70
100	64QAM	1	1		17.22		18.70
100	256QAM	1	1		17.25		18.70
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	17.25	17.28	17.26	18.70
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	17.17	17.15	17.15	18.70
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	17.11	17.15	17.21	18.70
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	17.16	17.25	17.22	18.70
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	17.13	17.24	17.14	18.70
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	17.12	17.19	17.17	18.70
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	17.14	17.21	17.20	18.70
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	17.21	17.21	17.11	18.70
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	17.22	17.25	17.14	18.70
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	17.17	17.21	17.19	18.70
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	17.13	17.23	17.13	18.70

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

19_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		17.28		18.70
100	PI/2 BPSK	1	137		17.21		18.70
100	PI/2 BPSK	1	271		17.27		18.70
100	PI/2 BPSK	135	0		17.23		18.70
100	PI/2 BPSK	135	69		17.26		18.70
100	PI/2 BPSK	135	138		17.24		18.70
100	PI/2 BPSK	270	0		17.23		18.70
100	QPSK	1	1		17.23		18.70
100	QPSK	1	137		17.26		18.70
100	QPSK	1	271		17.20		18.70
100	QPSK	135	0		17.25		18.70
100	QPSK	135	69		17.22		18.70
100	QPSK	135	138		17.19		18.70
100	QPSK	270	0		17.29		18.70
100	16QAM	1	1		17.25		18.70
100	64QAM	1	1		17.19		18.70
100	256QAM	1	1		17.23		18.70
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	17.19	17.24	17.21	18.70
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	17.07	17.18	17.12	18.70
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	17.12	17.10	17.15	18.70
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	17.18	17.19	17.09	18.70
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	17.18	17.19	17.08	18.70
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	17.05	17.21	17.14	18.70
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	17.09	17.22	17.07	18.70
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	17.08	17.17	17.10	18.70
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	17.16	17.11	17.11	18.70
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	17.16	17.16	17.10	18.70
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	17.16	17.21	17.07	18.70

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

19_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		17.30		18.70
100	PI/2 BPSK	1	137		17.21		18.70
100	PI/2 BPSK	1	271		17.25		18.70
100	PI/2 BPSK	135	0		17.24		18.70
100	PI/2 BPSK	135	69		17.29		18.70
100	PI/2 BPSK	135	138		17.22		18.70
100	PI/2 BPSK	270	0		17.26		18.70
100	QPSK	1	1		17.25		18.70

100	QPSK	1	137		17.23		18.70
100	QPSK	1	271		17.29		18.70
100	QPSK	135	0		17.20		18.70
100	QPSK	135	69		17.23		18.70
100	QPSK	135	138		17.29		18.70
100	QPSK	270	0		17.21		18.70
100	16QAM	1	1		17.28		18.70
100	64QAM	1	1		17.22		18.70
100	256QAM	1	1		17.25		18.70
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	17.25	17.28	17.26	18.70
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	17.17	17.15	17.15	18.70
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	17.11	17.15	17.21	18.70
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	17.16	17.25	17.22	18.70
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	17.13	17.24	17.14	18.70
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	17.12	17.19	17.17	18.70
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	17.14	17.21	17.20	18.70
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	17.21	17.21	17.11	18.70
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	17.22	17.25	17.14	18.70
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	17.17	17.21	17.19	18.70
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	17.13	17.23	17.13	18.70

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

19_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		17.28		18.70
100	PI/2 BPSK	1	137		17.21		18.70
100	PI/2 BPSK	1	271		17.27		18.70
100	PI/2 BPSK	135	0		17.23		18.70
100	PI/2 BPSK	135	69		17.26		18.70
100	PI/2 BPSK	135	138		17.24		18.70
100	PI/2 BPSK	270	0		17.23		18.70
100	QPSK	1	1		17.23		18.70
100	QPSK	1	137		17.26		18.70
100	QPSK	1	271		17.20		18.70
100	QPSK	135	0		17.25		18.70
100	QPSK	135	69		17.22		18.70
100	QPSK	135	138		17.19		18.70
100	QPSK	270	0		17.29		18.70
100	16QAM	1	1		17.25		18.70
100	64QAM	1	1		17.19		18.70
100	256QAM	1	1		17.23		18.70
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	17.19	17.24	17.21	18.70
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	17.07	17.18	17.12	18.70
Channel				649000	650000	651000	Tune-up limit

	Frequency (MHz)			3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	17.12	17.10	17.15	18.70
	Channel			648668	650000	651332	Tune-up limit (dBm)
	Frequency (MHz)			3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	17.18	17.19	17.09	18.70
	Channel			648334	650000	651666	Tune-up limit (dBm)
	Frequency (MHz)			3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	17.18	17.19	17.08	18.70
	Channel			648000	650000	652000	Tune-up limit (dBm)
	Frequency (MHz)			3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	17.05	17.21	17.14	18.70
	Channel			647668	650000	652332	Tune-up limit (dBm)
	Frequency (MHz)			3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	17.09	17.22	17.07	18.70
	Channel			647500	650000	652500	Tune-up limit (dBm)
	Frequency (MHz)			3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	17.08	17.17	17.10	18.70
	Channel			647334	650000	652666	Tune-up limit (dBm)
	Frequency (MHz)			3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	17.16	17.11	17.11	18.70
	Channel			647168	650000	652832	Tune-up limit (dBm)
	Frequency (MHz)			3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	17.16	17.16	17.10	18.70
	Channel			647000	650000	653000	Tune-up limit (dBm)
	Frequency (MHz)			3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	17.16	17.21	17.07	18.70

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

19_DSI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel				633332		
	Frequency (MHz)				3499.98		
100	PI/2 BPSK	1	1		17.30		18.70
100	PI/2 BPSK	1	137		17.21		18.70
100	PI/2 BPSK	1	271		17.25		18.70
100	PI/2 BPSK	135	0		17.24		18.70
100	PI/2 BPSK	135	69		17.29		18.70
100	PI/2 BPSK	135	138		17.22		18.70
100	PI/2 BPSK	270	0		17.26		18.70
100	QPSK	1	1		17.25		18.70
100	QPSK	1	137		17.23		18.70
100	QPSK	1	271		17.29		18.70
100	QPSK	135	0		17.20		18.70
100	QPSK	135	69		17.23		18.70
100	QPSK	135	138		17.29		18.70
100	QPSK	270	0		17.21		18.70
100	16QAM	1	1		17.28		18.70
100	64QAM	1	1		17.22		18.70
100	256QAM	1	1		17.25		18.70
	Channel			633000	633332	633666	Tune-up limit (dBm)
	Frequency (MHz)			3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	17.25	17.28	17.26	18.70
	Channel			632668	633332	634000	Tune-up limit (dBm)
	Frequency (MHz)			3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	17.17	17.15	17.15	18.70
	Channel			632334	633332	634332	Tune-up limit (dBm)
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	17.11	17.15	17.21	18.70
	Channel			632000	633332	634666	Tune-up limit (dBm)
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	17.16	17.25	17.22	18.70
	Channel			631668	633332	635000	Tune-up limit (dBm)
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	17.13	17.24	17.14	18.70
	Channel			631334	633332	635332	Tune-up limit (dBm)
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	17.12	17.19	17.17	18.70
	Channel			631000	633332	635666	Tune-up limit (dBm)
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	17.14	17.21	17.20	18.70
	Channel			630834	633332	635832	Tune-up limit (dBm)
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)

25	PI/2 BPSK	1	1	17.21	17.21	17.11	18.70
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	17.22	17.25	17.14	18.70
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	17.17	17.21	17.19	18.70
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	17.13	17.23	17.13	18.70

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

19_DSI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		17.28		18.70
100	PI/2 BPSK	1	137		17.21		18.70
100	PI/2 BPSK	1	271		17.27		18.70
100	PI/2 BPSK	135	0		17.23		18.70
100	PI/2 BPSK	135	69		17.26		18.70
100	PI/2 BPSK	135	138		17.24		18.70
100	PI/2 BPSK	270	0		17.23		18.70
100	QPSK	1	1		17.23		18.70
100	QPSK	1	137		17.26		18.70
100	QPSK	1	271		17.20		18.70
100	QPSK	135	0		17.25		18.70
100	QPSK	135	69		17.22		18.70
100	QPSK	135	138		17.19		18.70
100	QPSK	270	0		17.29		18.70
100	16QAM	1	1		17.25		18.70
100	64QAM	1	1		17.19		18.70
100	256QAM	1	1		17.23		18.70
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	17.19	17.24	17.21	18.70
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	17.07	17.18	17.12	18.70
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	17.12	17.10	17.15	18.70
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	17.18	17.19	17.09	18.70
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	17.18	17.19	17.08	18.70
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	17.05	17.21	17.14	18.70
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	17.09	17.22	17.07	18.70
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	17.08	17.17	17.10	18.70
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	17.16	17.11	17.11	18.70
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	17.16	17.16	17.10	18.70
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	17.16	17.21	17.07	18.70

【FR1 n78 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_Ant 19_default]

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		26.41		28.00
100	PI/2 BPSK	1	137		26.26		28.00
100	PI/2 BPSK	1	271		26.29		28.00
100	PI/2 BPSK	135	0		25.61		27.50
100	PI/2 BPSK	135	69		26.30		28.00
100	PI/2 BPSK	135	138		25.91		27.50
100	PI/2 BPSK	270	0		25.83		27.50
100	QPSK	1	1		26.33		28.00
100	QPSK	1	137		25.96		28.00
100	QPSK	1	271		26.06		28.00
100	QPSK	135	0		25.32		27.00
100	QPSK	135	69		25.96		28.00
100	QPSK	135	138		25.38		27.00
100	QPSK	270	0		25.49		27.00
100	16QAM	1	1		25.30		27.00
100	64QAM	1	1		22.93		25.50
100	256QAM	1	1		21.16		23.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	26.30	26.33	26.32	28.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	26.18	26.29	26.29	28.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	26.19	26.18	26.20	28.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	26.23	26.22	26.19	28.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	26.25	26.23	26.27	28.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	26.21	26.22	26.31	28.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	26.16	26.19	26.23	28.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	26.24	26.23	26.31	28.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	26.22	26.23	26.22	28.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	26.15	26.27	26.23	28.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	26.19	26.23	26.25	28.00

【FR1 n78 (270)_FCC_Part 270

(3700~3800MHz)_HPUE_Ant 19_default]

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		26.15		28.00
100	PI/2 BPSK	1	137		26.13		28.00
100	PI/2 BPSK	1	271		26.10		28.00
100	PI/2 BPSK	135	0		25.56		27.50
100	PI/2 BPSK	135	69		26.05		28.00
100	PI/2 BPSK	135	138		25.56		27.50
100	PI/2 BPSK	270	0		25.60		27.50
100	QPSK	1	1		26.07		28.00
100	QPSK	1	137		26.03		28.00
100	QPSK	1	271		26.09		28.00

100	QPSK	135	0		24.97		27.00
100	QPSK	135	69		25.97		28.00
100	QPSK	135	138		25.05		27.00
100	QPSK	270	0		25.03		27.00
100	16QAM	1	1		25.14		27.00
100	64QAM	1	1		23.28		25.50
100	256QAM	1	1		21.15		23.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	26.10	26.13	26.12	28.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	26.01	26.02	25.99	28.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	26.07	26.05	26.05	28.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	25.97	26.02	26.10	28.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	26.01	25.99	26.04	28.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	25.95	26.02	26.05	28.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	26.01	26.12	26.07	28.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	26.05	26.09	26.00	28.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	26.09	26.11	25.99	28.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	26.05	26.05	25.98	28.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	26.01	26.09	26.03	28.00

【FR1 n78 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_Ant 19_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		20.32		21.70
100	PI/2 BPSK	1	137		20.24		21.70
100	PI/2 BPSK	1	271		20.22		21.70
100	PI/2 BPSK	135	0		20.24		21.70
100	PI/2 BPSK	135	69		20.28		21.70
100	PI/2 BPSK	135	138		20.24		21.70
100	PI/2 BPSK	270	0		20.27		21.70
100	QPSK	1	1		20.21		21.70
100	QPSK	1	137		20.29		21.70
100	QPSK	1	271		20.26		21.70
100	QPSK	135	0		20.22		21.70
100	QPSK	135	69		20.19		21.70
100	QPSK	135	138		20.19		21.70
100	QPSK	270	0		20.24		21.70
100	16QAM	1	1		20.23		21.70
100	64QAM	1	1		20.27		21.70
100	256QAM	1	1		20.21		21.70
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	20.26	20.28	20.21	21.70
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	20.11	20.26	20.08	21.70
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	20.13	20.18	20.15	21.70

Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	20.16	20.26	20.18	21.70
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	20.24	20.24	20.16	21.70
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	20.16	20.25	20.20	21.70
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	20.19	20.19	20.09	21.70
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	20.14	20.20	20.14	21.70
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	20.21	20.21	20.10	21.70
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	20.17	20.23	20.08	21.70
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	20.13	20.20	20.19	21.70

【FR1 n78 (270)_FCC_Part 270

(3700~3800MHz)_HPUE_Ant 19_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		20.29		21.70
100	PI/2 BPSK	1	137		20.22		21.70
100	PI/2 BPSK	1	271		20.28		21.70
100	PI/2 BPSK	135	0		20.26		21.70
100	PI/2 BPSK	135	69		20.20		21.70
100	PI/2 BPSK	135	138		20.29		21.70
100	PI/2 BPSK	270	0		20.27		21.70
100	QPSK	1	1		20.28		21.70
100	QPSK	1	137		20.22		21.70
100	QPSK	1	271		20.23		21.70
100	QPSK	135	0		20.20		21.70
100	QPSK	135	69		20.21		21.70
100	QPSK	135	138		20.27		21.70
100	QPSK	270	0		20.28		21.70
100	16QAM	1	1		20.22		21.70
100	64QAM	1	1		20.25		21.70
100	256QAM	1	1		20.19		21.70
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	20.22	20.25	20.27	21.70
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	20.08	20.13	20.18	21.70
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	20.11	20.19	20.23	21.70
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	20.13	20.14	20.22	21.70
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	20.14	20.12	20.21	21.70
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	20.20	20.15	20.15	21.70
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	20.12	20.11	20.17	21.70
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	20.17	20.16	20.14	21.70
Channel				647334	650000	652666	Tune-up limit

Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	20.14	20.13	20.20	21.70
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	20.11	20.22	20.19	21.70
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	20.14	20.17	20.17	21.70

【FR1 n78 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_Ant 19_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		20.32		21.70
100	PI/2 BPSK	1	137		20.24		21.70
100	PI/2 BPSK	1	271		20.22		21.70
100	PI/2 BPSK	135	0		20.24		21.70
100	PI/2 BPSK	135	69		20.28		21.70
100	PI/2 BPSK	135	138		20.24		21.70
100	PI/2 BPSK	270	0		20.27		21.70
100	QPSK	1	1		20.21		21.70
100	QPSK	1	137		20.29		21.70
100	QPSK	1	271		20.26		21.70
100	QPSK	135	0		20.22		21.70
100	QPSK	135	69		20.19		21.70
100	QPSK	135	138		20.19		21.70
100	QPSK	270	0		20.24		21.70
100	16QAM	1	1		20.23		21.70
100	64QAM	1	1		20.27		21.70
100	256QAM	1	1		20.21		21.70
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	20.26	20.28	20.21	21.70
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	20.11	20.26	20.08	21.70
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	20.13	20.18	20.15	21.70
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	20.16	20.26	20.18	21.70
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	20.24	20.24	20.16	21.70
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	20.16	20.25	20.20	21.70
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	20.19	20.19	20.09	21.70
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	20.14	20.20	20.14	21.70
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	20.21	20.21	20.10	21.70
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	20.17	20.23	20.08	21.70
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	20.13	20.20	20.19	21.70

【FR1 n78 (270)_FCC_Part 270

(3700~3800MHz)_HPUE_Ant 19_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		20.29		21.70
100	PI/2 BPSK	1	137		20.22		21.70
100	PI/2 BPSK	1	271		20.28		21.70
100	PI/2 BPSK	135	0		20.26		21.70
100	PI/2 BPSK	135	69		20.20		21.70
100	PI/2 BPSK	135	138		20.29		21.70
100	PI/2 BPSK	270	0		20.27		21.70
100	QPSK	1	1		20.28		21.70
100	QPSK	1	137		20.22		21.70
100	QPSK	1	271		20.23		21.70
100	QPSK	135	0		20.20		21.70
100	QPSK	135	69		20.21		21.70
100	QPSK	135	138		20.27		21.70
100	QPSK	270	0		20.28		21.70
100	16QAM	1	1		20.22		21.70
100	64QAM	1	1		20.25		21.70
100	256QAM	1	1		20.19		21.70
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	20.22	20.25	20.27	21.70
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	20.08	20.13	20.18	21.70
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	20.11	20.19	20.23	21.70
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	20.13	20.14	20.22	21.70
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	20.14	20.12	20.21	21.70
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	20.20	20.15	20.15	21.70
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	20.12	20.11	20.17	21.70
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	20.17	20.16	20.14	21.70
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	20.14	20.13	20.20	21.70
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	20.11	20.22	20.19	21.70
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	20.14	20.17	20.17	21.70

【FR1 n78 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_Ant 19_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		20.32		21.70
100	PI/2 BPSK	1	137		20.24		21.70
100	PI/2 BPSK	1	271		20.22		21.70
100	PI/2 BPSK	135	0		20.24		21.70
100	PI/2 BPSK	135	69		20.28		21.70
100	PI/2 BPSK	135	138		20.24		21.70

100	PI/2 BPSK	270	0		20.27		21.70
100	QPSK	1	1		20.21		21.70
100	QPSK	1	137		20.29		21.70
100	QPSK	1	271		20.26		21.70
100	QPSK	135	0		20.22		21.70
100	QPSK	135	69		20.19		21.70
100	QPSK	135	138		20.19		21.70
100	QPSK	270	0		20.24		21.70
100	16QAM	1	1		20.23		21.70
100	64QAM	1	1		20.27		21.70
100	256QAM	1	1		20.21		21.70
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	20.26	20.28	20.21	21.70
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	20.11	20.26	20.08	21.70
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	20.13	20.18	20.15	21.70
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	20.16	20.26	20.18	21.70
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	20.24	20.24	20.16	21.70
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	20.16	20.25	20.20	21.70
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	20.19	20.19	20.09	21.70
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	20.14	20.20	20.14	21.70
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	20.21	20.21	20.10	21.70
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	20.17	20.23	20.08	21.70
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	20.13	20.20	20.19	21.70

【FR1 n78 (270)_FCC_Part 270

(3700~3800MHz)_HPUE_Ant 19_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		20.29		21.70
100	PI/2 BPSK	1	137		20.22		21.70
100	PI/2 BPSK	1	271		20.28		21.70
100	PI/2 BPSK	135	0		20.26		21.70
100	PI/2 BPSK	135	69		20.20		21.70
100	PI/2 BPSK	135	138		20.29		21.70
100	PI/2 BPSK	270	0		20.27		21.70
100	QPSK	1	1		20.28		21.70
100	QPSK	1	137		20.22		21.70
100	QPSK	1	271		20.23		21.70
100	QPSK	135	0		20.20		21.70
100	QPSK	135	69		20.21		21.70
100	QPSK	135	138		20.27		21.70
100	QPSK	270	0		20.28		21.70
100	16QAM	1	1		20.22		21.70
100	64QAM	1	1		20.25		21.70
100	256QAM	1	1		20.19		21.70
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	20.22	20.25	20.27	21.70
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)

80	PI/2 BPSK	1	1	20.08	20.13	20.18	21.70
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	20.11	20.19	20.23	21.70
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	20.13	20.14	20.22	21.70
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	20.14	20.12	20.21	21.70
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	20.20	20.15	20.15	21.70
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	20.12	20.11	20.17	21.70
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	20.17	20.16	20.14	21.70
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	20.14	20.13	20.20	21.70
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	20.11	20.22	20.19	21.70
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	20.14	20.17	20.17	21.70

【FR1 n78 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_Ant 19_DSI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		20.32		21.70
100	PI/2 BPSK	1	137		20.24		21.70
100	PI/2 BPSK	1	271		20.22		21.70
100	PI/2 BPSK	135	0		20.24		21.70
100	PI/2 BPSK	135	69		20.28		21.70
100	PI/2 BPSK	135	138		20.24		21.70
100	PI/2 BPSK	270	0		20.27		21.70
100	QPSK	1	1		20.21		21.70
100	QPSK	1	137		20.29		21.70
100	QPSK	1	271		20.26		21.70
100	QPSK	135	0		20.22		21.70
100	QPSK	135	69		20.19		21.70
100	QPSK	135	138		20.19		21.70
100	QPSK	270	0		20.24		21.70
100	16QAM	1	1		20.23		21.70
100	64QAM	1	1		20.27		21.70
100	256QAM	1	1		20.21		21.70
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	20.26	20.28	20.21	21.70
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	20.11	20.26	20.08	21.70
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	20.13	20.18	20.15	21.70
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	20.16	20.26	20.18	21.70
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	20.24	20.24	20.16	21.70
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	20.16	20.25	20.20	21.70
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	20.19	20.19	20.09	21.70

Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	20.14	20.20	20.14	21.70
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	20.21	20.21	20.10	21.70
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	20.17	20.23	20.08	21.70
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	20.13	20.20	20.19	21.70

【FR1 n78 (270)___FCC_Part 270

(3700~3800MHz)_HPUE_Ant 19_DSI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		20.29		21.70
100	PI/2 BPSK	1	137		20.22		21.70
100	PI/2 BPSK	1	271		20.28		21.70
100	PI/2 BPSK	135	0		20.26		21.70
100	PI/2 BPSK	135	69		20.20		21.70
100	PI/2 BPSK	135	138		20.29		21.70
100	PI/2 BPSK	270	0		20.27		21.70
100	QPSK	1	1		20.28		21.70
100	QPSK	1	137		20.22		21.70
100	QPSK	1	271		20.23		21.70
100	QPSK	135	0		20.20		21.70
100	QPSK	135	69		20.21		21.70
100	QPSK	135	138		20.27		21.70
100	QPSK	270	0		20.28		21.70
100	16QAM	1	1		20.22		21.70
100	64QAM	1	1		20.25		21.70
100	256QAM	1	1		20.19		21.70
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	20.22	20.25	20.27	21.70
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	20.08	20.13	20.18	21.70
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	20.11	20.19	20.23	21.70
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	20.13	20.14	20.22	21.70
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	20.14	20.12	20.21	21.70
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	20.20	20.15	20.15	21.70
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	20.12	20.11	20.17	21.70
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	20.17	20.16	20.14	21.70
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	20.14	20.13	20.20	21.70
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	20.11	20.22	20.19	21.70
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	20.14	20.17	20.17	21.70

Bluetooth Conducted Power

<Bluetooth_Ant 7_Full power>					
			Ant 7		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
BR / EDR 1Mbps	0	2402	14.67	16.00	76.68
	39	2441	14.40	16.00	76.68
	78	2480	14.44	16.00	76.68
BR / EDR 2Mbps	0	2402	11.88	13.50	76.68
	39	2441	12.22	13.50	76.68
	78	2480	12.36	14.00	76.68
BR / EDR 3Mbps	0	2402	11.78	13.50	76.68
	39	2441	12.19	13.50	76.68
	78	2480	12.39	14.00	76.68
LE 125kbps	0	2402	6.38	8.00	83.41
	19	2440	6.94	8.50	83.41
	39	2480	8.00	9.50	83.41
LE 500kbps	0	2402	6.68	8.00	57.17
	19	2440	7.07	8.50	57.17
	39	2480	8.45	10.00	57.17
LE 1Mbps	0	2402	6.43	8.00	62.96
	19	2440	6.98	8.50	62.96
	39	2480	8.06	9.50	62.96
LE 2Mbps	1	2404	7.09	8.50	32.87
	19	2440	7.15	8.50	32.87
	38	2478	8.49	10.00	32.87

<Bluetooth_Ant 14_Full power>					
			Ant 14		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
BR / EDR 1Mbps	0	2402	15.92	17.50	76.68
	39	2441	15.41	17.00	76.68
	78	2480	15.67	17.00	76.68
BR / EDR 2Mbps	0	2402	13.26	14.50	76.68
	39	2441	12.84	14.50	76.68
	78	2480	12.61	14.00	76.68
BR / EDR 3Mbps	0	2402	13.28	15.00	76.68
	39	2441	12.81	14.50	76.68
	78	2480	12.55	14.00	76.68
LE 125kbps	0	2402	9.97	11.50	83.41
	19	2440	9.23	10.50	83.41
	39	2480	10.08	11.50	83.41
LE 500kbps	0	2402	10.18	11.50	57.17
	19	2440	9.38	11.00	57.17
	39	2480	10.35	12.00	57.17
LE 1Mbps	0	2402	10.09	12.00	62.96
	19	2440	9.35	11.00	62.96
	39	2480	10.29	12.00	62.96
LE 2Mbps	1	2404	10.37	12.00	32.87
	19	2440	9.47	11.00	32.87
	38	2478	10.42	12.00	32.87

<Bluetooth_Ant 7_Head Standalone>					
			Ant 7		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
BR / EDR 1Mbps	0	2402	14.67	16.00	76.68
	39	2441	14.40	16.00	76.68
	78	2480	14.44	16.00	76.68
BR / EDR 2Mbps	0	2402	11.88	13.50	76.68
	39	2441	12.22	13.50	76.68
	78	2480	12.36	14.00	76.68
BR / EDR 3Mbps	0	2402	11.78	13.50	76.68
	39	2441	12.19	13.50	76.68
	78	2480	12.39	14.00	76.68
LE 125kbps	0	2402	6.38	8.00	83.41
	19	2440	6.94	8.50	83.41
	39	2480	8.00	9.50	83.41
LE 500kbps	0	2402	6.68	8.00	57.17
	19	2440	7.07	8.50	57.17
	39	2480	8.45	10.00	57.17
LE 1Mbps	0	2402	6.43	8.00	62.96
	19	2440	6.98	8.50	62.96
	39	2480	8.06	9.50	62.96
LE 2Mbps	1	2404	7.09	8.50	32.87
	19	2440	7.15	8.50	32.87
	38	2478	8.49	10.00	32.87

<Bluetooth_Ant 14_Head Standalone>					
			Ant 14		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
BR / EDR 1Mbps	0	2402	15.92	17.50	76.68
	39	2441	15.41	17.00	76.68
	78	2480	15.67	17.00	76.68
BR / EDR 2Mbps	0	2402	13.26	14.50	76.68
	39	2441	12.84	14.50	76.68
	78	2480	12.61	14.00	76.68
BR / EDR 3Mbps	0	2402	13.28	15.00	76.68
	39	2441	12.81	14.50	76.68
	78	2480	12.55	14.00	76.68
LE 125kbps	0	2402	9.97	11.50	83.41
	19	2440	9.23	10.50	83.41
	39	2480	10.08	11.50	83.41
LE 500kbps	0	2402	10.18	11.50	57.17
	19	2440	9.38	11.00	57.17
	39	2480	10.35	12.00	57.17
LE 1Mbps	0	2402	10.09	12.00	62.96
	19	2440	9.35	11.00	62.96
	39	2480	10.29	12.00	62.96
LE 2Mbps	1	2404	10.37	12.00	32.87
	19	2440	9.47	11.00	32.87
	38	2478	10.42	12.00	32.87

<Bluetooth_Ant 7_Body-worn Standalone>					
			Ant 7		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
BR / EDR 1Mbps	0	2402	14.67	16.00	76.68
	39	2441	14.40	16.00	76.68
	78	2480	14.44	16.00	76.68
BR / EDR 2Mbps	0	2402	11.88	13.50	76.68
	39	2441	12.22	13.50	76.68
	78	2480	12.36	14.00	76.68
BR / EDR 3Mbps	0	2402	11.78	13.50	76.68
	39	2441	12.19	13.50	76.68
	78	2480	12.39	14.00	76.68
LE 125kbps	0	2402	6.38	8.00	83.41
	19	2440	6.94	8.50	83.41
	39	2480	8.00	9.50	83.41
LE 500kbps	0	2402	6.68	8.00	57.17
	19	2440	7.07	8.50	57.17
	39	2480	8.45	10.00	57.17
LE 1Mbps	0	2402	6.43	8.00	62.96
	19	2440	6.98	8.50	62.96
	39	2480	8.06	9.50	62.96
LE 2Mbps	1	2404	7.09	8.50	32.87
	19	2440	7.15	8.50	32.87
	38	2478	8.49	10.00	32.87

<Bluetooth_Ant 14_Body-worn Standalone>					
			Ant 14		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
BR / EDR 1Mbps	0	2402	15.92	17.50	76.68
	39	2441	15.41	17.00	76.68
	78	2480	15.67	17.00	76.68
BR / EDR 2Mbps	0	2402	13.26	14.50	76.68
	39	2441	12.84	14.50	76.68
	78	2480	12.61	14.00	76.68
BR / EDR 3Mbps	0	2402	13.28	15.00	76.68
	39	2441	12.81	14.50	76.68
	78	2480	12.55	14.00	76.68
LE 125kbps	0	2402	9.97	11.50	83.41
	19	2440	9.23	10.50	83.41
	39	2480	10.08	11.50	83.41
LE 500kbps	0	2402	10.18	11.50	57.17
	19	2440	9.38	11.00	57.17
	39	2480	10.35	12.00	57.17
LE 1Mbps	0	2402	10.09	12.00	62.96
	19	2440	9.35	11.00	62.96
	39	2480	10.29	12.00	62.96
LE 2Mbps	1	2404	10.37	12.00	32.87
	19	2440	9.47	11.00	32.87
	38	2478	10.42	12.00	32.87

<Bluetooth_Ant 7_Hotspot>					
			Ant 7		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
BR / EDR 1Mbps	0	2402	14.67	16.00	76.68
	39	2441	14.40	16.00	76.68
	78	2480	14.44	16.00	76.68
BR / EDR 2Mbps	0	2402	11.88	13.50	76.68
	39	2441	12.22	13.50	76.68
	78	2480	12.36	14.00	76.68
BR / EDR 3Mbps	0	2402	11.78	13.50	76.68
	39	2441	12.19	13.50	76.68
	78	2480	12.39	14.00	76.68
LE 125kbps	0	2402	6.38	8.00	83.41
	19	2440	6.94	8.50	83.41
	39	2480	8.00	9.50	83.41
LE 500kbps	0	2402	6.68	8.00	57.17
	19	2440	7.07	8.50	57.17
	39	2480	8.45	10.00	57.17
LE 1Mbps	0	2402	6.43	8.00	62.96
	19	2440	6.98	8.50	62.96
	39	2480	8.06	9.50	62.96
LE 2Mbps	1	2404	7.09	8.50	32.87
	19	2440	7.15	8.50	32.87
	38	2478	8.49	10.00	32.87

<Bluetooth_Ant 14_Hotspot>					
			Ant 14		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
BR / EDR 1Mbps	0	2402	15.92	17.50	76.68
	39	2441	15.41	17.00	76.68
	78	2480	15.67	17.00	76.68
BR / EDR 2Mbps	0	2402	13.26	14.50	76.68
	39	2441	12.84	14.50	76.68
	78	2480	12.61	14.00	76.68
BR / EDR 3Mbps	0	2402	13.28	15.00	76.68
	39	2441	12.81	14.50	76.68
	78	2480	12.55	14.00	76.68
LE 125kbps	0	2402	9.97	11.50	83.41
	19	2440	9.23	10.50	83.41
	39	2480	10.08	11.50	83.41
LE 500kbps	0	2402	10.18	11.50	57.17
	19	2440	9.38	11.00	57.17
	39	2480	10.35	12.00	57.17
LE 1Mbps	0	2402	10.09	12.00	62.96
	19	2440	9.35	11.00	62.96
	39	2480	10.29	12.00	62.96
LE 2Mbps	1	2404	10.37	12.00	32.87
	19	2440	9.47	11.00	32.87
	38	2478	10.42	12.00	32.87

<Bluetooth_Ant 7_Extremity Standalone>					
			Ant 7		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
BR / EDR 1Mbps	0	2402	14.67	16.00	76.68
	39	2441	14.40	16.00	76.68
	78	2480	14.44	16.00	76.68
BR / EDR 2Mbps	0	2402	11.88	13.50	76.68
	39	2441	12.22	13.50	76.68
	78	2480	12.36	14.00	76.68
BR / EDR 3Mbps	0	2402	11.78	13.50	76.68
	39	2441	12.19	13.50	76.68
	78	2480	12.39	14.00	76.68
LE 125kbps	0	2402	6.38	8.00	83.41
	19	2440	6.94	8.50	83.41
	39	2480	8.00	9.50	83.41
LE 500kbps	0	2402	6.68	8.00	57.17
	19	2440	7.07	8.50	57.17
	39	2480	8.45	10.00	57.17
LE 1Mbps	0	2402	6.43	8.00	62.96
	19	2440	6.98	8.50	62.96
	39	2480	8.06	9.50	62.96
LE 2Mbps	0	2402	7.09	8.50	32.87
	19	2440	7.15	8.50	32.87
	39	2480	8.49	10.00	32.87

<Bluetooth_Ant 14_Extremity Standalone>					
			Ant 14		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
BR / EDR 1Mbps	0	2402	15.92	17.50	76.68
	39	2441	15.41	17.00	76.68
	78	2480	15.67	17.00	76.68
BR / EDR 2Mbps	0	2402	13.26	14.50	76.68
	39	2441	12.84	14.50	76.68
	78	2480	12.61	14.00	76.68
BR / EDR 3Mbps	0	2402	13.28	15.00	76.68
	39	2441	12.81	14.50	76.68
	78	2480	12.55	14.00	76.68
LE 125kbps	0	2402	9.97	11.50	83.41
	19	2440	9.23	10.50	83.41
	39	2480	10.08	11.50	83.41
LE 500kbps	0	2402	10.18	11.50	57.17
	19	2440	9.38	11.00	57.17
	39	2480	10.35	12.00	57.17
LE 1Mbps	0	2402	10.09	12.00	62.96
	19	2440	9.35	11.00	62.96
	39	2480	10.29	12.00	62.96
LE 2Mbps	0	2402	10.37	12.00	32.87
	19	2440	9.47	11.00	32.87
	39	2480	10.42	12.00	32.87

<Bluetooth Beamforming>

Bluetooth		ANT7				
Mode	Channel	Frequency (MHz)	Average power (dBm)			Tune-up Limit
			1Mbps	2Mbps	3Mbps	
BR / EDR	CH 00	2402	11.03	7.60	7.59	12.50
	CH 39	2441	11.27	8.29	8.34	13.00
	CH 78	2480	12.10	9.61	9.64	13.50

Bluetooth		ANT14				
Mode	Channel	Frequency (MHz)	Average power (dBm)			Tune-up Limit
			1Mbps	2Mbps	3Mbps	
BR / EDR	CH 00	2402	12.59	9.10	9.12	14.00
	CH 39	2441	11.39	8.12	8.10	13.00
	CH 78	2480	12.41	9.61	9.78	14.00

Bluetooth		ANT7+14				
Mode	Channel	Frequency (MHz)	Average power (dBm)			Tune-up Limit
			1Mbps	2Mbps	3Mbps	
BR / EDR	CH 00	2402	14.89	11.42	11.43	16.50
	CH 39	2441	14.34	11.22	11.23	16.00
	CH 78	2480	15.27	12.62	12.72	17.00

WLAN Conducted Power

【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	19.85	20.50	97.45
	6	2437	19.59	20.50	
	11	2462	19.48	20.00	
802.11g 6Mbps	1	2412	19.55	20.50	99.18
	6	2437	19.37	20.00	
	11	2462	19.27	20.00	
802.11n-HT20 MCS0	1	2412	19.53	20.50	100.00
	6	2437	19.27	20.00	
	11	2462	19.31	20.00	
802.11n-HT40 MCS0	3	2422	19.30	20.00	100.00
	6	2437	19.19	20.00	
	9	2452	19.28	20.00	
802.11ax-HE20 MCS0	1	2412	19.58	20.50	100.00
	6	2437	19.36	20.00	
	11	2462	19.35	20.00	
802.11ax-HE40 MCS0	3	2422	19.36	20.00	100.00
	6	2437	19.27	20.00	
	9	2452	19.34	20.00	
802.11be-EHT20 MCS0	1	2412	19.61	20.50	100.00
	6	2437	19.44	20.00	
	11	2462	19.37	20.00	
802.11be-EHT40 MCS0	3	2422	19.43	20.00	100.00
	6	2437	19.33	20.00	
	9	2452	19.42	20.00	

【2.4GHz WLAN_Ant 7_Head Standalone】

Mode	Channel	Frequency (MHz)	Ant 7		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	16.83	17.50	97.45
	6	2437	16.62	17.50	
	11	2462	16.58	17.50	
802.11g 6Mbps	1	2412	Not Required	17.50	Not Required
	6	2437		17.50	
	11	2462		17.50	
802.11n-HT20 MCS0	1	2412		17.50	
	6	2437		17.50	
	11	2462		17.50	
802.11n-HT40 MCS0	3	2422	16.65	17.50	100.00
	6	2437	16.75	17.50	
	9	2452	16.68	17.50	
802.11ax-HE20 MCS0	1	2412	Not Required	17.50	Not Required
	6	2437		17.50	
	11	2462		17.50	
802.11ax-HE40 MCS0	3	2422		17.50	
	6	2437		17.50	
	9	2452		17.50	
802.11be-EHT20 MCS0	1	2412		17.50	
	6	2437		17.50	
	11	2462		17.50	
802.11be-EHT40 MCS0	3	2422		17.50	
	6	2437		17.50	
	9	2452		17.50	

【2.4GHz WLAN_Ant 7_Hotspot Standalone】

Mode	Channel	Frequency (MHz)	Ant 7		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	19.85	20.50	97.45
	6	2437	19.59	20.50	
	11	2462	19.48	20.00	
802.11g 6Mbps	1	2412	19.55	20.50	99.18
	6	2437	19.37	20.00	
	11	2462	19.27	20.00	
802.11n-HT20 MCS0	1	2412	19.53	20.50	100.00
	6	2437	19.27	20.00	
	11	2462	19.31	20.00	
802.11n-HT40 MCS0	3	2422	19.30	20.00	100.00
	6	2437	19.19	20.00	
	9	2452	19.28	20.00	
802.11ax-HE20 MCS0	1	2412	19.58	20.50	100.00
	6	2437	19.36	20.00	
	11	2462	19.35	20.00	
802.11ax-HE40 MCS0	3	2422	19.36	20.00	100.00
	6	2437	19.27	20.00	
	9	2452	19.34	20.00	
802.11be-EHT20 MCS0	1	2412	19.61	20.50	100.00
	6	2437	19.44	20.00	
	11	2462	19.37	20.00	
802.11be-EHT40 MCS0	3	2422	19.43	20.00	100.00
	6	2437	19.33	20.00	
	9	2452	19.42	20.00	

【2.4GHz WLAN_Ant 7_Body worn Standalone】

Mode	Channel	Frequency (MHz)	Ant 7		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	19.85	20.50	97.45
	6	2437	19.59	20.50	
	11	2462	19.48	20.00	
802.11g 6Mbps	1	2412	19.55	20.50	99.18
	6	2437	19.37	20.00	
	11	2462	19.27	20.00	
802.11n-HT20 MCS0	1	2412	19.53	20.50	100.00
	6	2437	19.27	20.00	
	11	2462	19.31	20.00	
802.11n-HT40 MCS0	3	2422	19.30	20.00	100.00
	6	2437	19.19	20.00	
	9	2452	19.28	20.00	
802.11ax-HE20 MCS0	1	2412	19.58	20.50	100.00
	6	2437	19.36	20.00	
	11	2462	19.35	20.00	
802.11ax-HE40 MCS0	3	2422	19.36	20.00	100.00
	6	2437	19.27	20.00	
	9	2452	19.34	20.00	
802.11be-EHT20 MCS0	1	2412	19.61	20.50	100.00
	6	2437	19.44	20.00	
	11	2462	19.37	20.00	
802.11be-EHT40 MCS0	3	2422	19.43	20.00	100.00
	6	2437	19.33	20.00	
	9	2452	19.42	20.00	

<2.4GHz WLAN_Ant 7_Extremity Standalone>

Mode	Channel	Frequency (MHz)	Ant 7		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	19.85	20.50	97.45
	6	2437	19.59	20.50	97.45
	11	2462	19.48	20.00	97.45
802.11g 6Mbps	1	2412	19.55	20.50	99.18
	6	2437	19.37	20.00	99.18
	11	2462	19.27	20.00	99.18
802.11n-HT20 MCS0	1	2412	19.53	20.50	100.00
	6	2437	19.27	20.00	100.00
	11	2462	19.31	20.00	100.00
802.11n-HT40 MCS0	3	2422	19.30	20.00	100.00
	6	2437	19.19	20.00	100.00
	9	2452	19.28	20.00	100.00
802.11ax-HE20 MCS0	1	2412	19.58	20.50	100.00
	6	2437	19.36	20.00	100.00
	11	2462	19.35	20.00	100.00
802.11ax-HE40 MCS0	3	2422	19.36	20.00	100.00
	6	2437	19.27	20.00	100.00
	9	2452	19.34	20.00	100.00
802.11be-EHT20 MCS0	1	2412	19.61	20.50	100.00
	6	2437	19.44	20.00	100.00
	11	2462	19.37	20.00	100.00
802.11be-EHT40 MCS0	3	2422	19.43	20.00	100.00
	6	2437	19.33	20.00	100.00
	9	2452	19.42	20.00	100.00

【2.4GHz WLAN_Ant 14_Full Power】

Mode	Channel	Frequency (MHz)	Ant 14		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	19.77	20.50	97.45
	6	2437	19.52	20.50	
	11	2462	19.63	20.50	
802.11g 6Mbps	1	2412	19.31	20.00	99.18
	6	2437	19.35	20.00	
	11	2462	19.42	20.00	
802.11n-HT20 MCS0	1	2412	19.26	20.00	100.00
	6	2437	19.29	20.00	
	11	2462	19.42	20.00	
802.11n-HT40 MCS0	3	2422	18.95	19.50	100.00
	6	2437	19.32	20.00	
	9	2452	19.21	20.00	
802.11ax-HE20 MCS0	1	2412	19.29	20.00	100.00
	6	2437	19.38	20.00	
	11	2462	19.48	20.00	
802.11ax-HE40 MCS0	3	2422	19.02	20.00	100.00
	6	2437	19.35	20.00	
	9	2452	19.27	20.00	
802.11be-EHT20 MCS0	1	2412	19.33	20.00	100.00
	6	2437	19.41	20.00	
	11	2462	19.52	20.50	
802.11be-EHT40 MCS0	3	2422	19.04	20.00	100.00
	6	2437	19.44	20.00	
	9	2452	19.29	20.00	

【2.4GHz WLAN_Ant 14_Head Standalone】

Mode	Channel	Frequency (MHz)	Ant 14		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	16.83	17.50	97.45
	6	2437	16.61	17.50	
	11	2462	16.69	17.50	
802.11g 6Mbps	1	2412	Not Required	17.50	Not Required
	6	2437		17.50	
	11	2462		17.50	
802.11n-HT20 MCS0	1	2412	Not Required	17.50	Not Required
	6	2437		17.50	
	11	2462		17.50	
802.11n-HT40 MCS0	3	2422	16.78	17.50	100.00
	6	2437	16.81	17.50	
	9	2452	16.69	17.50	
802.11ax-HE20 MCS0	1	2412	Not Required	17.50	Not Required
	6	2437		17.50	
	11	2462		17.50	
802.11ax-HE40 MCS0	3	2422	Not Required	17.50	Not Required
	6	2437		17.50	
	9	2452		17.50	
802.11be-EHT20 MCS0	1	2412	Not Required	17.50	Not Required
	6	2437		17.50	
	11	2462		17.50	
802.11be-EHT40 MCS0	3	2422	Not Required	17.50	Not Required
	6	2437		17.50	
	9	2452		17.50	

【2.4GHz WLAN_Ant 14_Hotspot Standalone】

Mode	Channel	Frequency (MHz)	Ant 14		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	19.77	20.50	97.45
	6	2437	19.52	20.50	
	11	2462	19.63	20.50	
802.11g 6Mbps	1	2412	19.31	20.00	99.18
	6	2437	19.35	20.00	
	11	2462	19.42	20.00	
802.11n-HT20 MCS0	1	2412	19.26	20.00	100.00
	6	2437	19.29	20.00	
	11	2462	19.42	20.00	
802.11n-HT40 MCS0	3	2422	18.95	19.50	100.00
	6	2437	19.32	20.00	
	9	2452	19.21	20.00	
802.11ax-HE20 MCS0	1	2412	19.29	20.00	100.00
	6	2437	19.38	20.00	
	11	2462	19.48	20.00	
802.11ax-HE40 MCS0	3	2422	19.02	20.00	100.00
	6	2437	19.35	20.00	
	9	2452	19.27	20.00	
802.11be-EHT20 MCS0	1	2412	19.33	20.00	100.00
	6	2437	19.41	20.00	
	11	2462	19.52	20.50	
802.11be-EHT40 MCS0	3	2422	19.04	20.00	100.00
	6	2437	19.44	20.00	
	9	2452	19.29	20.00	

【2.4GHz WLAN_Ant 14_Body worn Standalone】

Mode	Channel	Frequency (MHz)	Ant 14		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	19.77	20.50	97.45
	6	2437	19.52	20.50	
	11	2462	19.63	20.50	
802.11g 6Mbps	1	2412	19.31	20.00	99.18
	6	2437	19.35	20.00	
	11	2462	19.42	20.00	
802.11n-HT20 MCS0	1	2412	19.26	20.00	100.00
	6	2437	19.29	20.00	
	11	2462	19.42	20.00	
802.11n-HT40 MCS0	3	2422	18.95	19.50	100.00
	6	2437	19.32	20.00	
	9	2452	19.21	20.00	
802.11ax-HE20 MCS0	1	2412	19.29	20.00	100.00
	6	2437	19.38	20.00	
	11	2462	19.48	20.00	
802.11ax-HE40 MCS0	3	2422	19.02	20.00	100.00
	6	2437	19.35	20.00	
	9	2452	19.27	20.00	
802.11be-EHT20 MCS0	1	2412	19.33	20.00	100.00
	6	2437	19.41	20.00	
	11	2462	19.52	20.50	
802.11be-EHT40 MCS0	3	2422	19.04	20.00	100.00
	6	2437	19.44	20.00	
	9	2452	19.29	20.00	

<2.4GHz WLAN_Ant 14_Extremity Standalone>

Mode	Channel	Frequency (MHz)	Ant 14		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	19.77	20.50	97.45
	6	2437	19.52	20.50	97.45
	11	2462	19.63	20.50	97.45
802.11g 6Mbps	1	2412	19.31	20.00	99.18
	6	2437	19.35	20.00	99.18
	11	2462	19.42	20.00	99.18
802.11n-HT20 MCS0	1	2412	19.26	20.00	100.00
	6	2437	19.29	20.00	100.00
	11	2462	19.42	20.00	100.00
802.11n-HT40 MCS0	3	2422	18.95	19.50	100.00
	6	2437	19.32	20.00	100.00
	9	2452	19.21	20.00	100.00
802.11ax-HE20 MCS0	1	2412	19.29	20.00	100.00
	6	2437	19.38	20.00	100.00
	11	2462	19.48	20.00	100.00
802.11ax-HE40 MCS0	3	2422	19.02	20.00	100.00
	6	2437	19.35	20.00	100.00
	9	2452	19.27	20.00	100.00
802.11be-EHT20 MCS0	1	2412	19.33	20.00	100.00
	6	2437	19.41	20.00	100.00
	11	2462	19.52	20.50	100.00
802.11be-EHT40 MCS0	3	2422	19.04	20.00	100.00
	6	2437	19.44	20.00	100.00
	9	2452	19.29	20.00	100.00

【2.4GHz WLAN_Ant 7+14_Full Power】

Mode	Channel	Frequency (MHz)	Ant 7+14		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11n-HT20 MCS0	1	2412	22.41	23.00	100.00
	6	2437	22.29	23.00	
	11	2462	22.38	23.00	
802.11n-HT40 MCS0	3	2422	22.14	23.00	100.00
	6	2437	22.27	23.00	
	9	2452	22.26	23.00	
802.11ax-HE20 MCS0	1	2412	22.45	23.00	100.00
	6	2437	22.38	23.00	
	11	2462	22.43	23.00	
802.11ax-HE40 MCS0	3	2422	22.20	23.00	100.00
	6	2437	22.32	23.00	
	9	2452	22.32	23.00	
802.11be-EHT20 MCS0	1	2412	22.48	23.00	100.00
	6	2437	22.44	23.00	
	11	2462	22.46	23.00	
802.11be-EHT40 MCS0	3	2422	22.25	23.00	100.00
	6	2437	22.40	23.00	
	9	2452	22.37	23.00	

【2.4GHz WLAN_Ant 7+14_Head Standalone】

Mode	Channel	Frequency (MHz)	Ant 7+14		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11n-HT20 MCS0	1	2412	Not Required	20.50	Not Required
	6	2437		20.50	
	11	2462		20.50	
802.11n-HT40 MCS0	3	2422	19.73	20.50	100.00
	6	2437	19.79	20.50	
	9	2452	19.70	20.50	
802.11ax-HE20 MCS0	1	2412	Not Required	20.50	Not Required
	6	2437		20.50	
	11	2462		20.50	
802.11ax-HE40 MCS0	3	2422		20.50	
	6	2437		20.50	
	9	2452		20.50	
802.11be-EHT20 MCS0	1	2412		20.50	
	6	2437		20.50	
	11	2462		20.50	
802.11be-EHT40 MCS0	3	2422		20.50	
	6	2437		20.50	
	9	2452		20.50	

【2.4GHz WLAN_Ant 7+14_Hotspot Standalone】

Mode	Channel	Frequency (MHz)	Ant 7+14		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11n-HT20 MCS0	1	2412	22.41	23.00	100.00
	6	2437	22.29	23.00	
	11	2462	22.38	23.00	
802.11n-HT40 MCS0	3	2422	22.14	23.00	100.00
	6	2437	22.27	23.00	
	9	2452	22.26	23.00	
802.11ax-HE20 MCS0	1	2412	22.45	23.00	100.00
	6	2437	22.38	23.00	
	11	2462	22.43	23.00	
802.11ax-HE40 MCS0	3	2422	22.20	23.00	100.00
	6	2437	22.32	23.00	
	9	2452	22.32	23.00	
802.11be-EHT20 MCS0	1	2412	22.48	23.00	100.00
	6	2437	22.44	23.00	
	11	2462	22.46	23.00	
802.11be-EHT40 MCS0	3	2422	22.25	23.00	100.00
	6	2437	22.40	23.00	
	9	2452	22.37	23.00	

【2.4GHz WLAN_Ant 7+14_Body worn Standalone】

Mode	Channel	Frequency (MHz)	Ant 7+14		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11n-HT20 MCS0	1	2412	22.41	23.00	100.00
	6	2437	22.29	23.00	
	11	2462	22.38	23.00	
802.11n-HT40 MCS0	3	2422	22.14	23.00	100.00
	6	2437	22.27	23.00	
	9	2452	22.26	23.00	
802.11ax-HE20 MCS0	1	2412	22.45	23.00	100.00
	6	2437	22.38	23.00	
	11	2462	22.43	23.00	
802.11ax-HE40 MCS0	3	2422	22.20	23.00	100.00
	6	2437	22.32	23.00	
	9	2452	22.32	23.00	
802.11be-EHT20 MCS0	1	2412	22.48	23.00	100.00
	6	2437	22.44	23.00	
	11	2462	22.46	23.00	
802.11be-EHT40 MCS0	3	2422	22.25	23.00	100.00
	6	2437	22.40	23.00	
	9	2452	22.37	23.00	

<2.4GHz WLAN_Ant 7+14_Extremity Standalone>					
			Ant 7+14		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	Not Required	23.00	Not Required
	6	2437		23.00	
	11	2462		23.00	
802.11g 6Mbps	1	2412		23.00	
	6	2437		23.00	
	11	2462		23.00	
802.11n-HT20 MCS0	1	2412	22.41	23.00	100.00
	6	2437	22.29	23.00	100.00
	11	2462	22.38	23.00	100.00
802.11n-HT40 MCS0	3	2422	22.14	23.00	100.00
	6	2437	22.27	23.00	100.00
	9	2452	22.26	23.00	100.00
802.11ax-HE20 MCS0	1	2412	22.45	23.00	100.00
	6	2437	22.38	23.00	100.00
	11	2462	22.43	23.00	100.00
802.11ax-HE40 MCS0	3	2422	22.20	23.00	100.00
	6	2437	22.32	23.00	100.00
	9	2452	22.32	23.00	100.00
802.11be-EHT20 MCS0	1	2412	22.48	23.00	100.00
	6	2437	22.44	23.00	100.00
	11	2462	22.46	23.00	100.00
802.11be-EHT40 MCS0	3	2422	22.25	23.00	100.00
	6	2437	22.40	23.00	100.00
	9	2452	22.37	23.00	100.00

【5.2GHz WLAN_Ant 8+15_Full Power】

Mode	Channel	Frequency (MHz)	Ant 8+15(8)		Ant 8+15(15)		Ant 8+15		Duty Cycle %
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	
802.11a 6Mbps	36	5180	18.48	19.00	18.66	19.50	21.58	22.50	98.97
	40	5200	18.41	19.00	18.57	19.50	21.50	22.00	
	44	5220	18.48	19.00	18.21	19.00	21.36	22.00	
	48	5240	18.52	19.50	18.39	19.00	21.47	22.00	
802.11n-HT20 MCS0	36	5180	18.35	19.00	18.40	19.00	21.39	22.00	100.00
	40	5200	18.50	19.00	18.39	19.00	21.46	22.00	
	44	5220	18.52	19.50	18.17	19.00	21.36	22.00	
	48	5240	18.52	19.50	18.30	19.00	21.42	22.00	
802.11n-HT40 MCS0	38	5190	17.76	18.50	17.53	18.50	20.66	21.50	100.00
	46	5230	17.76	18.50	17.22	18.00	20.51	21.50	
802.11ac-VHT20 MCS0	36	5180	18.43	19.00	18.47	19.00	21.46	22.00	100.00
	40	5200	18.57	19.50	18.45	19.00	21.52	22.50	
	44	5220	18.58	19.50	18.25	19.00	21.43	22.00	
	48	5240	18.58	19.50	18.38	19.00	21.49	22.00	
802.11ac-VHT40 MCS0	38	5190	17.82	18.50	17.60	18.50	20.72	21.50	100.00
	46	5230	17.83	18.50	17.29	18.00	20.58	21.50	
802.11ac-VHT80 MCS0	42	5210	16.79	17.50	16.28	17.00	19.55	20.50	100.00
802.11ax-HE20 MCS0	36	5180	18.49	19.00	18.54	19.50	21.53	22.50	100.00
	40	5200	18.63	19.50	18.52	19.50	21.59	22.50	
	44	5220	18.65	19.50	18.33	19.00	21.50	22.00	
	48	5240	18.65	19.50	18.44	19.00	21.56	22.50	
802.11ax-HE40 MCS0	38	5190	17.89	18.50	17.66	18.50	20.79	21.50	100.00
	46	5230	17.89	18.50	17.37	18.00	20.65	21.50	
802.11ax-HE80 MCS0	42	5210	16.86	17.50	16.36	17.00	19.63	20.50	100.00
802.11be-EHT20 MCS0	36	5180	18.56	19.50	18.62	19.50	21.60	22.50	100.00
	40	5200	18.69	19.50	18.59	19.50	21.65	22.50	
	44	5220	18.71	19.50	18.39	19.00	21.56	22.50	
	48	5240	18.71	19.50	18.51	19.50	21.62	22.50	
802.11be-EHT40 MCS0	38	5190	17.95	18.50	17.72	18.50	20.85	21.50	100.00
	46	5230	17.95	18.50	17.45	18.00	20.72	21.50	
802.11be-EHT80 MCS0	42	5210	16.92	17.50	16.44	17.00	19.70	20.50	100.00

【5.2GHz WLAN_Ant 8+15_Head Standalone】

Mode	Channel	Frequency (MHz)	Ant 8+15(8)		Ant 8+15(15)		Ant 8+15		Duty Cycle %
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	
802.11a 6Mbps	36	5180	Not Required	15.50	Not Required	15.50	Not Required	18.50	Not Required
	40	5200		15.50		15.50		18.50	
	44	5220		15.50		15.50		18.50	
	48	5240		15.50		15.50		18.50	
802.11n-HT20 MCS0	36	5180		15.50		15.50		18.50	
	40	5200		15.50		15.50		18.50	
	44	5220		15.50		15.50		18.50	
	48	5240		15.50		15.50		18.50	
802.11n-HT40 MCS0	38	5190		15.50		15.50		18.50	
	46	5230		15.50		15.50		18.50	
802.11ac-VHT20 MCS0	36	5180		15.50		15.50		18.50	
	40	5200		15.50		15.50		18.50	
	44	5220		15.50		15.50		18.50	
	48	5240		15.50		15.50		18.50	
802.11ac-VHT40 MCS0	38	5190		15.50		15.50		18.50	
	46	5230		15.50		15.50		18.50	
802.11ac-VHT80 MCS0	42	5210		15.50		15.50		18.50	
802.11ax-HE20 MCS0	36	5180		15.50		15.50		18.50	
	40	5200		15.50		15.50		18.50	
	44	5220		15.50		15.50		18.50	
	48	5240		15.50		15.50		18.50	
802.11ax-HE40 MCS0	38	5190		15.50		15.50		18.50	
	46	5230		15.50		15.50		18.50	
802.11ax-HE80 MCS0	42	5210		15.50		15.50		18.50	
802.11be-EHT20 MCS0	36	5180		15.50		15.50		18.50	
	40	5200		15.50		15.50		18.50	
	44	5220		15.50		15.50		18.50	
	48	5240		15.50		15.50		18.50	
802.11be-EHT40 MCS0	38	5190		15.50		15.50		18.50	
	46	5230		15.50		15.50		18.50	
802.11be-EHT80 MCS0	42	5210		15.50		15.50		18.50	

【5.2GHz WLAN_Ant 8+15_Hotspot Standalone】

Mode	Channel	Frequency (MHz)	Ant 8+15(8)		Ant 8+15(15)		Ant 8+15		
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	36	5180	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	40	5200		18.00		18.00		21.00	
	44	5220		18.00		18.00		21.00	
	48	5240		18.00		18.00		21.00	
802.11n-HT20 MCS0	36	5180	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	40	5200		18.00		18.00		21.00	
	44	5220		18.00		18.00		21.00	
	48	5240		18.00		18.00		21.00	
802.11n-HT40 MCS0	38	5190	17.21	18.00	17.12	18.00	20.18	21.00	100.00
	46	5230	17.23	18.00	17.22	18.00	20.24	21.00	
802.11ac-VHT20 MCS0	36	5180	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	40	5200		18.00		18.00		21.00	
	44	5220		18.00		18.00		21.00	
	48	5240		18.00		18.00		21.00	
802.11ac-VHT40 MCS0	38	5190	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	46	5230		18.00		18.00		21.00	
802.11ac-VHT80 MCS0	42	5210	Not Required	17.50	Not Required	17.00	Not Required	20.50	Not Required
	36	5180		18.00		18.00		21.00	
802.11ax-HE20 MCS0	36	5180	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	40	5200		18.00		18.00		21.00	
	44	5220		18.00		18.00		21.00	
	48	5240		18.00		18.00		21.00	
802.11ax-HE40 MCS0	38	5190	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	46	5230		18.00		18.00		21.00	
802.11ax-HE80 MCS0	42	5210	Not Required	17.50	Not Required	17.00	Not Required	20.50	Not Required
	36	5180		18.00		18.00		21.00	
802.11be-EHT20 MCS0	36	5180	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	40	5200		18.00		18.00		21.00	
	44	5220		18.00		18.00		21.00	
	48	5240		18.00		18.00		21.00	
802.11be-EHT40 MCS0	38	5190	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	46	5230		18.00		18.00		21.00	
802.11be-EHT80 MCS0	42	5210	Not Required	17.50	Not Required	17.00	Not Required	20.50	Not Required
	36	5180		18.00		18.00		21.00	

【5.2GHz WLAN_Ant 8+15_Body worn Standalone】

Mode	Channel	Frequency (MHz)	Ant 8+15(8)		Ant 8+15(15)		Ant 8+15		
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	36	5180	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	40	5200		18.00		18.00		21.00	
	44	5220		18.00		18.00		21.00	
	48	5240		18.00		18.00		21.00	
802.11n-HT20 MCS0	36	5180	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	40	5200		18.00		18.00		21.00	
	44	5220		18.00		18.00		21.00	
	48	5240		18.00		18.00		21.00	
802.11n-HT40 MCS0	38	5190	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	46	5230		18.00		18.00		21.00	
802.11ac-VHT20 MCS0	36	5180	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	40	5200		18.00		18.00		21.00	
	44	5220		18.00		18.00		21.00	
	48	5240		18.00		18.00		21.00	
802.11ac-VHT40 MCS0	38	5190	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	46	5230		18.00		18.00		21.00	
802.11ac-VHT80 MCS0	42	5210	Not Required	17.50	Not Required	17.00	Not Required	20.50	Not Required
	36	5180		18.00		18.00		21.00	
802.11ax-HE20 MCS0	36	5180	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	40	5200		18.00		18.00		21.00	
	44	5220		18.00		18.00		21.00	
	48	5240		18.00		18.00		21.00	
802.11ax-HE40 MCS0	38	5190	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	46	5230		18.00		18.00		21.00	
802.11ax-HE80 MCS0	42	5210	Not Required	17.50	Not Required	17.00	Not Required	20.50	Not Required
	36	5180		18.00		18.00		21.00	
802.11be-EHT20 MCS0	36	5180	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	40	5200		18.00		18.00		21.00	
	44	5220		18.00		18.00		21.00	
	48	5240		18.00		18.00		21.00	
802.11be-EHT40 MCS0	38	5190	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	46	5230		18.00		18.00		21.00	
802.11be-EHT80 MCS0	42	5210	Not Required	17.50	Not Required	17.00	Not Required	20.50	Not Required
	36	5180		18.00		18.00		21.00	

<5.2GHz WLAN_Ant 8+15_Extremity Standalone>

Mode	Channel	Frequency (MHz)	Ant 8+15(8)		Ant 8+15(15)		Ant 8+15		Duty Cycle %
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	
802.11a 6Mbps	36	5180	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	40	5200		18.00		18.00		21.00	
	44	5220		18.00		18.00		21.00	
	48	5240		18.00		18.00		21.00	
802.11n-HT20 MCS0	36	5180		18.00		18.00		21.00	
	40	5200		18.00		18.00		21.00	
	44	5220		18.00		18.00		21.00	
	48	5240		18.00		18.00		21.00	
802.11n-HT40 MCS0	38	5190		18.00		18.00		21.00	
	46	5230		18.00		18.00		21.00	
802.11ac-VHT20 MCS0	36	5180		18.00		18.00		21.00	
	40	5200		18.00		18.00		21.00	
	44	5220		18.00		18.00		21.00	
	48	5240		18.00		18.00		21.00	
802.11ac-VHT40 MCS0	38	5190		18.00		18.00		21.00	
	46	5230		18.00		18.00		21.00	
802.11ac-VHT80 MCS0	42	5210		17.50		17.00		20.50	
802.11ax-HE20 MCS0	36	5180		18.00		18.00		21.00	
	40	5200		18.00		18.00		21.00	
	44	5220		18.00		18.00		21.00	
	48	5240		18.00		18.00		21.00	
802.11ax-HE40 MCS0	38	5190		18.00		18.00		21.00	
	46	5230		18.00		18.00		21.00	
802.11ax-HE80 MCS0	42	5210		17.50		17.00		20.50	
802.11be-EHT20 MCS0	36	5180		18.00		18.00		21.00	
	40	5200		18.00		18.00		21.00	
	44	5220		18.00		18.00		21.00	
	48	5240		18.00		18.00		21.00	
802.11be-EHT40 MCS0	38	5190		18.00		18.00		21.00	
	46	5230		18.00		18.00		21.00	
802.11be-EHT80 MCS0	42	5210		17.50		17.00		20.50	

【5.3GHz WLAN_Ant 8+15_Full Power】

Mode	Channel	Frequency (MHz)	Ant 8+15(8)		Ant 8+15(15)		Ant 8+15		Duty Cycle %
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	
802.11a 6Mbps	52	5260	18.40	19.00	18.51	19.50	21.47	22.00	98.97
	56	5280	18.53	19.50	18.37	19.00	21.46	22.00	
	60	5300	17.86	18.50	18.03	19.00	20.96	21.50	
	64	5320	18.57	19.50	18.51	19.50	21.55	22.50	
802.11n-HT20 MCS0	52	5260	18.42	19.00	18.39	19.00	21.42	22.00	100.00
	56	5280	18.46	19.00	18.37	19.00	21.43	22.00	
	60	5300	18.42	19.00	18.19	19.00	21.32	22.00	
	64	5320	18.36	19.00	18.26	19.00	21.32	22.00	
802.11n-HT40 MCS0	54	5270	17.50	18.00	17.31	18.00	20.42	21.00	100.00
	62	5310	16.74	17.50	16.78	17.50	19.77	20.50	
802.11ac-VHT20 MCS0	52	5260	18.50	19.00	18.46	19.00	21.49	22.00	100.00
	56	5280	18.53	19.50	18.44	19.00	21.50	22.00	
	60	5300	18.49	19.00	18.26	19.00	21.39	22.00	
	64	5320	18.43	19.00	18.32	19.00	21.39	22.00	
802.11ac-VHT40 MCS0	54	5270	17.58	18.50	17.39	18.00	20.50	21.00	100.00
	62	5310	16.77	17.50	16.80	17.50	19.80	20.50	
802.11ac-VHT80 MCS0	58	5290	16.39	17.00	16.51	17.50	19.46	20.00	100.00
802.11ac-VHT160 MCS0	50	5250	15.80	16.50	15.51	16.50	18.67	19.50	100.00
802.11ax-HE20 MCS0	52	5260	18.57	19.00	18.53	19.50	21.56	22.50	100.00
	56	5280	18.59	19.00	18.51	19.50	21.56	22.50	
	60	5300	18.57	19.00	18.33	19.00	21.46	22.00	
	64	5320	18.49	19.00	18.39	19.00	21.45	22.00	
802.11ax-HE40 MCS0	54	5270	17.64	19.00	17.46	18.00	20.56	21.50	100.00
	62	5310	16.81	17.50	16.84	17.50	19.84	20.50	
802.11ax-HE80 MCS0	58	5290	16.46	17.00	16.59	17.50	19.54	20.50	100.00
802.11ax-HE160 MCS0	50	5250	15.86	16.50	15.59	16.50	18.74	19.50	100.00
802.11be-EHT20 MCS0	52	5260	18.64	19.50	18.60	19.50	21.63	22.50	100.00
	56	5280	18.66	19.50	18.59	19.50	21.64	22.50	
	60	5300	18.64	19.50	18.41	19.00	21.54	22.50	
	64	5320	18.56	19.50	18.46	19.00	21.52	22.50	
802.11be-EHT40 MCS0	54	5270	17.71	18.50	17.54	18.50	20.64	21.50	100.00

	62	5310	16.87	17.50	16.89	17.50	19.89	20.50	
802.11be-EHT80 MCS0	58	5290	16.53	17.50	16.66	17.50	19.61	20.50	100.00
802.11be-EHT160 MCS0	50	5250	15.92	16.50	15.66	16.50	18.80	19.50	100.00

[5.3GHz WLAN_Ant 8+15_Head Standalone]

Mode	Channel	Frequency (MHz)	Ant 8+15(8)		Ant 8+15(15)		Ant 8+15		
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	52	5260	Not Required	15.50	Not Required	15.50	Not Required	18.50	Not Required
	56	5280		15.50		15.50		18.50	
	60	5300		15.50		15.50		18.50	
	64	5320		15.50		15.50		18.50	
802.11n-HT20 MCS0	52	5260		15.50		15.50		18.50	
	56	5280		15.50		15.50		18.50	
	60	5300		15.50		15.50		18.50	
	64	5320		15.50		15.50		18.50	
802.11n-HT40 MCS0	54	5270		15.50		15.50		18.50	
	62	5310		15.50		15.50		18.50	
802.11ac-VHT20 MCS0	52	5260		15.50		15.50		18.50	
	56	5280		15.50		15.50		18.50	
	60	5300		15.50		15.50		18.50	
	64	5320		15.50		15.50		18.50	
802.11ac-VHT40 MCS0	54	5270		15.50		15.50		18.50	
	62	5310		15.50		15.50		18.50	
802.11ac-VHT80 MCS0	58	5290		15.50		15.50		18.50	
802.11ac-VHT160 MCS0	50	5250	14.76	15.50	14.53	15.50	17.66	18.50	100.00
802.11ax-HE20 MCS0	52	5260	Not Required	15.50	Not Required	15.50	Not Required	18.50	Not Required
	56	5280		15.50		15.50		18.50	
	60	5300		15.50		15.50		18.50	
	64	5320		15.50		15.50		18.50	
802.11ax-HE40 MCS0	54	5270		15.50		15.50		18.50	
	62	5310		15.50		15.50		18.50	
802.11ax-HE80 MCS0	58	5290		15.50		15.50		18.50	
802.11ax-HE160 MCS0	50	5250		15.50		15.50		18.50	
802.11be-EHT20 MCS0	52	5260		15.50		15.50		18.50	
	56	5280		15.50		15.50		18.50	
	60	5300		15.50		15.50		18.50	
	64	5320		15.50		15.50		18.50	
802.11be-EHT40 MCS0	54	5270		15.50		15.50		18.50	
	62	5310		15.50		15.50		18.50	
802.11be-EHT80 MCS0	58	5290		15.50		15.50		18.50	
802.11be-EHT160 MCS0	50	5250		15.50		15.50		18.50	

[5.3GHz WLAN_Ant 8+15_Body worn Standalone]

Mode	Channel	Frequency (MHz)	Ant 8+15(8)		Ant 8+15(15)		Ant 8+15		
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	52	5260	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	56	5280		18.00		18.00		21.00	
	60	5300		18.00		18.00		21.00	
	64	5320		18.00		18.00		21.00	
802.11n-HT20 MCS0	52	5260		18.00		18.00		21.00	
	56	5280		18.00		18.00		21.00	
	60	5300		18.00		18.00		21.00	
	64	5320		18.00		18.00		21.00	
802.11n-HT40 MCS0	54	5270		17.50		17.31		20.42	100.00
	62	5310		16.74		16.78		19.77	
802.11ac-VHT20 MCS0	52	5260		18.00	Not Required	18.00	Not Required	21.00	Not Required
	56	5280		18.00		18.00		21.00	
	60	5300		18.00		18.00		21.00	
	64	5320		18.00		18.00		21.00	
802.11ac-VHT40 MCS0	54	5270		18.00		18.00		21.00	
	62	5310		17.50		17.50		20.50	
802.11ac-VHT80 MCS0	58	5290		17.00		17.50		20.00	
802.11ac-VHT160 MCS0	50	5250		16.50		16.50		19.50	
802.11ax-HE20 MCS0	52	5260		18.00		18.00		21.00	
	56	5280		18.00		18.00		21.00	
	60	5300		18.00		18.00		21.00	
	64	5320		18.00		18.00		21.00	
802.11ax-HE40 MCS0	54	5270		18.00		18.00		21.00	
	62	5310		17.50		17.50		20.50	
802.11ax-HE80 MCS0	58	5290		17.00		17.50		20.50	

802.11ax-HE160 MCS0	50	5250		16.50		16.50		19.50	
	52	5260		18.00		18.00		21.00	
802.11be-EHT20 MCS0	56	5280		18.00		18.00		21.00	
	60	5300		18.00		18.00		21.00	
	64	5320		18.00		18.00		21.00	
802.11be-EHT40 MCS0	54	5270		18.00		18.00		21.00	
	62	5310		17.50		17.50		20.50	
802.11be-EHT80 MCS0	58	5290		17.50		17.50		20.50	
802.11be-EHT160 MCS0	50	5250		16.50		16.50		19.50	

【5.3GHz WLAN_Ant 8+15_Extremity Standalone】

Mode	Channel	Frequency (MHz)	Ant 8+15(8)		Ant 8+15(15)		Ant 8+15		Duty Cycle %
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	
802.11a 6Mbps	52	5260	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	56	5280		18.00		18.00		21.00	
	60	5300		18.00		18.00		21.00	
	64	5320		18.00		18.00		21.00	
802.11n-HT20 MCS0	52	5260	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	56	5280		18.00		18.00		21.00	
	60	5300		18.00		18.00		21.00	
	64	5320		18.00		18.00		21.00	
802.11n-HT40 MCS0	54	5270	17.16	18.00	17.08	18.00	20.13	21.00	100.00
	62	5310	16.74	17.50	16.78	17.50	19.77	20.50	
802.11ac-VHT20 MCS0	52	5260	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	56	5280		18.00		18.00		21.00	
	60	5300		18.00		18.00		21.00	
	64	5320		18.00		18.00		21.00	
802.11ac-VHT40 MCS0	54	5270		18.00		18.00		21.00	
	62	5310		17.50		17.50		20.50	
802.11ac-VHT80 MCS0	58	5290		17.00		17.50		20.00	
802.11ac-VHT160 MCS0	50	5250		16.50		16.50		19.50	
802.11ax-HE20 MCS0	52	5260		18.00		18.00		21.00	
	56	5280		18.00		18.00		21.00	
	60	5300		18.00		18.00		21.00	
	64	5320		18.00		18.00		21.00	
802.11ax-HE40 MCS0	54	5270		18.00		18.00		21.00	
	62	5310		17.50		17.50		20.50	
802.11ax-HE80 MCS0	58	5290		17.00		17.50		20.50	
802.11ax-HE160 MCS0	50	5250		16.50		16.50		19.50	
802.11be-EHT20 MCS0	52	5260		18.00		18.00		21.00	
	56	5280		18.00		18.00		21.00	
	60	5300		18.00		18.00		21.00	
	64	5320		18.00		18.00		21.00	
802.11be-EHT40 MCS0	54	5270		18.00		18.00		21.00	
	62	5310		17.50		17.50		20.50	
802.11be-EHT80 MCS0	58	5290		17.50		17.50		20.50	
802.11be-EHT160 MCS0	50	5250		16.50		16.50		19.50	

【5.5GHz WLAN_Ant 8+15_Full Power】

Mode	Channel	Frequency (MHz)	Ant 8+15(8)		Ant 8+15(15)		Ant 8+15		Duty Cycle %
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	
802.11a 6Mbps	100	5500	18.28	19.00	18.95	19.50	21.64	22.50	98.97
	116	5580	18.43	19.00	18.66	19.50	21.56	22.50	
	124	5620	18.31	19.00	18.70	19.50	21.52	22.50	
	132	5660	18.07	19.00	18.32	19.00	21.21	22.00	
	144	5720	18.41	19.00	18.19	19.00	21.31	22.00	
802.11n-HT20 MCS0	100	5500	18.30	19.00	18.60	19.50	21.46	22.00	100.00
	116	5580	18.43	19.00	18.64	19.50	21.55	22.50	
	124	5620	18.30	19.00	18.55	19.50	21.44	22.00	
	132	5660	18.12	19.00	18.41	19.00	21.28	22.00	
	144	5720	18.36	19.00	18.20	19.00	21.29	22.00	
802.11n-HT40 MCS0	102	5510	17.53	18.50	18.00	18.50	20.78	21.50	100.00
	110	5550	17.73	18.50	18.03	19.00	20.89	21.50	
	126	5630	17.51	18.50	17.73	18.50	20.63	21.50	
	134	5670	17.70	18.50	17.71	18.50	20.72	21.50	
	142	5710	17.44	18.00	17.35	18.00	20.41	21.00	
802.11ac-VHT20 MCS0	100	5500	18.37	19.00	18.66	19.50	21.53	22.50	100.00
	116	5580	18.51	19.50	18.71	19.50	21.62	22.50	
	124	5620	18.36	19.00	18.61	19.50	21.50	22.00	

	132	5660	18.20	19.00	18.47	19.00	21.35	22.00	
	144	5720	18.44	19.00	18.27	19.00	21.37	22.00	
802.11ac-VHT40 MCS0	102	5510	17.60	18.50	18.08	19.00	20.86	21.50	100.00
	110	5550	17.79	18.50	18.11	19.00	20.96	21.50	
	126	5630	17.58	18.50	17.81	18.50	20.71	21.50	
	134	5670	17.78	18.50	17.77	18.50	20.79	21.50	
	142	5710	17.52	18.50	17.41	18.00	20.48	21.00	
	106	5530	16.47	17.00	17.11	18.00	19.81	20.50	
802.11ac-VHT80 MCS0	122	5610	16.55	17.50	16.81	17.50	19.69	20.50	100.00
	138	5690	16.67	17.50	16.62	17.50	19.66	20.50	
	114	5570	15.79	16.50	15.98	16.50	18.90	19.50	
802.11ac-VHT160 MCS0	100	5500	18.45	19.00	18.74	19.50	21.61	22.50	100.00
802.11ax-HE20 MCS0	116	5580	18.59	19.50	18.78	19.50	21.70	22.50	
	124	5620	18.42	19.00	18.69	19.50	21.57	22.50	
	132	5660	18.28	19.00	18.54	19.50	21.42	22.00	
	144	5720	18.50	19.00	18.34	19.00	21.43	22.00	
802.11ax-HE40 MCS0	102	5510	17.67	18.50	18.16	19.00	20.93	21.50	100.00
	110	5550	17.87	18.50	18.19	19.00	21.04	22.00	
	126	5630	17.64	18.50	17.89	18.50	20.78	21.50	
	134	5670	17.86	18.50	17.83	18.50	20.86	21.50	
	142	5710	17.58	18.50	17.49	19.00	20.55	21.50	
802.11ax-HE80 MCS0	106	5530	16.51	17.50	17.18	18.00	19.87	20.50	100.00
	122	5610	16.63	17.50	16.87	17.50	19.76	20.50	
	138	5690	16.73	17.50	16.68	17.50	19.72	20.50	
802.11ax-HE160 MCS0	114	5570	15.86	16.50	16.04	17.00	18.96	19.50	100.00
802.11be-EHT20 MCS0	100	5500	18.51	19.50	18.82	19.50	21.68	22.50	100.00
	116	5580	18.65	19.50	18.84	19.50	21.76	22.50	
	124	5620	18.48	19.00	18.76	19.50	21.63	22.50	
	132	5660	18.36	19.00	18.61	19.50	21.50	22.00	
	144	5720	18.58	19.50	18.42	19.00	21.51	22.50	
802.11be-EHT40 MCS0	102	5510	17.74	18.50	18.22	19.00	21.00	21.50	100.00
	110	5550	17.95	18.50	18.27	19.00	21.12	22.00	
	126	5630	17.71	18.50	17.96	18.50	20.85	21.50	
	134	5670	17.92	18.50	17.91	18.50	20.93	21.50	
	142	5710	17.64	18.50	17.55	18.50	20.61	21.50	
802.11be-EHT80 MCS0	106	5530	16.57	17.50	17.22	18.00	19.92	20.50	100.00
	122	5610	16.69	17.50	16.93	17.50	19.82	20.50	
	138	5690	16.79	17.50	16.74	17.50	19.78	20.50	
802.11be-EHT160 MCS0	114	5570	15.93	16.50	16.12	17.00	19.04	20.00	100.00

【5.5GHz WLAN_Ant 8+15_Head Standalone】

Mode	Channel	Frequency (MHz)	Ant 8+15(8)		Ant 8+15(15)		Ant 8+15		Duty Cycle %
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	
802.11a 6Mbps	100	5500	Not Required	14.50	Not Required	15.00	Not Required	18.00	Not Required
	116	5580		14.50		15.00		18.00	
	124	5620		14.50		15.00		18.00	
	132	5660		14.50		15.00		18.00	
	144	5720		14.50		15.00		18.00	
802.11n-HT20 MCS0	100	5500		14.50		15.00		18.00	
	116	5580		14.50		15.00		18.00	
	124	5620		14.50		15.00		18.00	
	132	5660		14.50		15.00		18.00	
	144	5720		14.50		15.00		18.00	
802.11n-HT40 MCS0	102	5510		14.50		15.00		18.00	
	110	5550		14.50		15.00		18.00	
	126	5630		14.50		15.00		18.00	
	134	5670		14.50		15.00		18.00	
	142	5710		14.50		15.00		18.00	
802.11ac-VHT20 MCS0	100	5500		14.50		15.00		18.00	
	116	5580		14.50		15.00		18.00	
	124	5620		14.50		15.00		18.00	
	132	5660		14.50		15.00		18.00	
	144	5720		14.50		15.00		18.00	
802.11ac-VHT40 MCS0	102	5510		14.50		15.00		18.00	
	110	5550		14.50		15.00		18.00	
	126	5630		14.50		15.00		18.00	
	134	5670		14.50		15.00		18.00	
	142	5710		14.50		15.00		18.00	
802.11ac-VHT80 MCS0	106	5530		14.50		15.00		18.00	
	122	5610		14.50		15.00		18.00	
	138	5690		14.50		15.00		18.00	

802.11ac-VHT160 MCS0	114	5570	13.75	14.50	14.43	15.00	17.11	18.00	100.00
802.11ax-HE20 MCS0	100	5500	Not Required	14.50	Not Required	15.00	Not Required	18.00	Not Required
	116	5580		14.50		15.00		18.00	
	124	5620		14.50		15.00		18.00	
	132	5660		14.50		15.00		18.00	
	144	5720		14.50		15.00		18.00	
802.11ax-HE40 MCS0	102	5510		14.50		15.00		18.00	
	110	5550		14.50		15.00		18.00	
	126	5630		14.50		15.00		18.00	
	134	5670		14.50		15.00		18.00	
	142	5710		14.50		15.00		18.00	
802.11ax-HE80 MCS0	106	5530		14.50		15.00		18.00	
	122	5610		14.50		15.00		18.00	
	138	5690		14.50		15.00		18.00	
802.11ax-HE160 MCS0	114	5570		14.50		15.00		18.00	
802.11be-EHT20 MCS0	100	5500		14.50		15.00		18.00	
	116	5580		14.50		15.00		18.00	
	124	5620		14.50		15.00		18.00	
	132	5660		14.50		15.00		18.00	
	144	5720		14.50		15.00		18.00	
802.11be-EHT40 MCS0	102	5510		14.50		15.00		18.00	
	110	5550		14.50		15.00		18.00	
	126	5630		14.50		15.00		18.00	
	134	5670		14.50		15.00		18.00	
	142	5710		14.50		15.00		18.00	
802.11be-EHT80 MCS0	106	5530		14.50		15.00		18.00	
	122	5610		14.50		15.00		18.00	
	138	5690		14.50		15.00		18.00	
802.11be-EHT160 MCS0	114	5570		14.50		15.00		18.00	

【5.5GHz WLAN_Ant 8+15_Body worn Standalone】

Mode	Channel	Frequency (MHz)	Ant 8+15(8)		Ant 8+15(15)		Ant 8+15		Duty Cycle %
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	
802.11a 6Mbps	100	5500	18.28	19.00	18.95	19.50	21.64	22.50	98.97
	116	5580	18.43	19.00	18.66	19.50	21.56	22.50	
	124	5620	18.31	19.00	18.70	19.50	21.52	22.50	
	132	5660	18.07	19.00	18.32	19.00	21.21	22.00	
	144	5720	18.41	19.00	18.19	19.00	21.31	22.00	
802.11n-HT20 MCS0	100	5500	18.30	19.00	18.60	19.50	21.46	22.00	100.00
	116	5580	18.43	19.00	18.64	19.50	21.55	22.50	
	124	5620	18.30	19.00	18.55	19.50	21.44	22.00	
	132	5660	18.12	19.00	18.41	19.00	21.28	22.00	
	144	5720	18.36	19.00	18.20	19.00	21.29	22.00	
802.11n-HT40 MCS0	102	5510	17.53	18.50	18.00	18.50	20.78	21.50	100.00
	110	5550	17.73	18.50	18.03	19.00	20.89	21.50	
	126	5630	17.51	18.50	17.73	18.50	20.63	21.50	
	134	5670	17.70	18.50	17.71	18.50	20.72	21.50	
	142	5710	17.44	18.00	17.35	18.00	20.41	21.00	
802.11ac-VHT20 MCS0	100	5500	18.37	19.00	18.66	19.50	21.53	22.50	100.00
	116	5580	18.51	19.50	18.71	19.50	21.62	22.50	
	124	5620	18.36	19.00	18.61	19.50	21.50	22.00	
	132	5660	18.20	19.00	18.47	19.00	21.35	22.00	
	144	5720	18.44	19.00	18.27	19.00	21.37	22.00	
802.11ac-VHT40 MCS0	102	5510	17.60	18.50	18.08	19.00	20.86	21.50	100.00
	110	5550	17.79	18.50	18.11	19.00	20.96	21.50	
	126	5630	17.58	18.50	17.81	18.50	20.71	21.50	
	134	5670	17.78	18.50	17.77	18.50	20.79	21.50	
	142	5710	17.52	18.50	17.41	18.00	20.48	21.00	
802.11ac-VHT80 MCS0	106	5530	16.47	17.00	17.11	18.00	19.81	20.50	100.00
	122	5610	16.55	17.50	16.81	17.50	19.69	20.50	
	138	5690	16.67	17.50	16.62	17.50	19.66	20.50	
802.11ac-VHT160 MCS0	114	5570	15.79	16.50	15.98	16.50	18.90	19.50	100.00
802.11ax-HE20 MCS0	100	5500	18.45	19.00	18.74	19.50	21.61	22.50	100.00
	116	5580	18.59	19.50	18.78	19.50	21.70	22.50	
	124	5620	18.42	19.00	18.69	19.50	21.57	22.50	
	132	5660	18.28	19.00	18.54	19.50	21.42	22.00	
	144	5720	18.50	19.00	18.34	19.00	21.43	22.00	
802.11ax-HE40 MCS0	102	5510	17.67	18.50	18.16	19.00	20.93	21.50	100.00
	110	5550	17.87	18.50	18.19	19.00	21.04	22.00	
	126	5630	17.64	18.50	17.89	18.50	20.78	21.50	
	134	5670	17.86	18.50	17.83	18.50	20.86	21.50	

802.11ax-HE80 MCS0	142	5710	17.58	18.50	17.49	19.00	20.55	21.50	100.00
	106	5530	16.51	17.50	17.18	18.00	19.87	20.50	
	122	5610	16.63	17.50	16.87	17.50	19.76	20.50	
	138	5690	16.73	17.50	16.68	17.50	19.72	20.50	
802.11ax-HE160 MCS0	114	5570	15.86	16.50	16.04	17.00	18.96	19.50	100.00
802.11be-EHT20 MCS0	100	5500	18.51	19.50	18.82	19.50	21.68	22.50	100.00
	116	5580	18.65	19.50	18.84	19.50	21.76	22.50	
	124	5620	18.48	19.00	18.76	19.50	21.63	22.50	
	132	5660	18.36	19.00	18.61	19.50	21.50	22.00	
802.11be-EHT40 MCS0	144	5720	18.58	19.50	18.42	19.00	21.51	22.50	100.00
	102	5510	17.74	18.50	18.22	19.00	21.00	21.50	
	110	5550	17.95	18.50	18.27	19.00	21.12	22.00	
	126	5630	17.71	18.50	17.96	18.50	20.85	21.50	
802.11be-EHT80 MCS0	134	5670	17.92	18.50	17.91	18.50	20.93	21.50	100.00
	142	5710	17.64	18.50	17.55	18.50	20.61	21.50	
	106	5530	16.57	17.50	17.22	18.00	19.92	20.50	
	122	5610	16.69	17.50	16.93	17.50	19.82	20.50	
802.11be-EHT160 MCS0	138	5690	16.79	17.50	16.74	17.50	19.78	20.50	100.00
	114	5570	15.93	16.50	16.12	17.00	19.04	20.00	

【5.5GHz WLAN_Ant 8+15_Extremity Standalone】

Mode	Channel	Frequency (MHz)	Ant 8+15(8)		Ant 8+15(15)		Ant 8+15		Duty Cycle %
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	
802.11a 6Mbps	100	5500	18.28	19.00	18.95	19.50	21.64	22.50	98.97
	116	5580	18.43	19.00	18.66	19.50	21.56	22.50	
	124	5620	18.31	19.00	18.70	19.50	21.52	22.50	
	132	5660	18.07	19.00	18.32	19.00	21.21	22.00	
802.11n-HT20 MCS0	144	5720	18.41	19.00	18.19	19.00	21.31	22.00	100.00
	100	5500	18.30	19.00	18.60	19.50	21.46	22.00	
	116	5580	18.43	19.00	18.64	19.50	21.55	22.50	
	124	5620	18.30	19.00	18.55	19.50	21.44	22.00	
802.11n-HT40 MCS0	132	5660	18.12	19.00	18.41	19.00	21.28	22.00	100.00
	144	5720	18.36	19.00	18.20	19.00	21.29	22.00	
	102	5510	17.53	18.50	18.00	18.50	20.78	21.50	
	110	5550	17.73	18.50	18.03	19.00	20.89	21.50	
802.11ac-VHT20 MCS0	126	5630	17.51	18.50	17.73	18.50	20.63	21.50	100.00
	134	5670	17.70	18.50	17.71	18.50	20.72	21.50	
	142	5710	17.44	18.00	17.35	18.00	20.41	21.00	
	100	5500	18.37	19.00	18.66	19.50	21.53	22.50	
802.11ac-VHT40 MCS0	116	5580	18.51	19.50	18.71	19.50	21.62	22.50	100.00
	124	5620	18.36	19.00	18.61	19.50	21.50	22.00	
	132	5660	18.20	19.00	18.47	19.00	21.35	22.00	
	144	5720	18.44	19.00	18.27	19.00	21.37	22.00	
802.11ac-VHT80 MCS0	102	5510	17.60	18.50	18.08	19.00	20.86	21.50	100.00
	110	5550	17.79	18.50	18.11	19.00	20.96	21.50	
	126	5630	17.58	18.50	17.81	18.50	20.71	21.50	
	134	5670	17.78	18.50	17.77	18.50	20.79	21.50	
802.11ac-VHT160 MCS0	142	5710	17.52	18.50	17.41	18.00	20.48	21.00	100.00
	106	5530	16.47	17.00	17.11	18.00	19.81	20.50	
802.11ax-HE20 MCS0	122	5610	16.55	17.50	16.81	17.50	19.69	20.50	100.00
	138	5690	16.67	17.50	16.62	17.50	19.66	20.50	
	114	5570	15.79	16.50	15.98	16.50	18.90	19.50	
	100	5500	18.45	19.00	18.74	19.50	21.61	22.50	
802.11ax-HE40 MCS0	116	5580	18.59	19.50	18.78	19.50	21.70	22.50	100.00
	124	5620	18.42	19.00	18.69	19.50	21.57	22.50	
	132	5660	18.28	19.00	18.54	19.50	21.42	22.00	
	144	5720	18.50	19.00	18.34	19.00	21.43	22.00	
802.11ax-HE80 MCS0	102	5510	17.67	18.50	18.16	19.00	20.93	21.50	100.00
	110	5550	17.87	18.50	18.19	19.00	21.04	22.00	
	126	5630	17.64	18.50	17.89	18.50	20.78	21.50	
	134	5670	17.86	18.50	17.83	18.50	20.86	21.50	
802.11ax-HE160 MCS0	142	5710	17.58	18.50	17.49	19.00	20.55	21.50	100.00
	106	5530	16.51	17.50	17.18	18.00	19.87	20.50	
802.11be-EHT20 MCS0	122	5610	16.63	17.50	16.87	17.50	19.76	20.50	100.00
	138	5690	16.73	17.50	16.68	17.50	19.72	20.50	
	114	5570	15.86	16.50	16.04	17.00	18.96	19.50	
	100	5500	18.51	19.50	18.82	19.50	21.68	22.50	
802.11be-EHT40 MCS0	116	5580	18.65	19.50	18.84	19.50	21.76	22.50	100.00
	124	5620	18.48	19.00	18.76	19.50	21.63	22.50	
	132	5660	18.36	19.00	18.61	19.50	21.50	22.00	
	144	5720	18.58	19.50	18.42	19.00	21.51	22.50	
802.11be-EHT80 MCS0	102	5510	17.74	18.50	18.22	19.00	21.00	21.50	100.00

	110	5550	17.95	18.50	18.27	19.00	21.12	22.00	
	126	5630	17.71	18.50	17.96	18.50	20.85	21.50	
	134	5670	17.92	18.50	17.91	18.50	20.93	21.50	
	142	5710	17.64	18.50	17.55	18.50	20.61	21.50	
802.11be-EHT80 MCS0	106	5530	16.57	17.50	17.22	18.00	19.92	20.50	100.00
	122	5610	16.69	17.50	16.93	17.50	19.82	20.50	
	138	5690	16.79	17.50	16.74	17.50	19.78	20.50	
802.11be-EHT160 MCS0	114	5570	15.93	16.50	16.12	17.00	19.04	20.00	100.00

【5.8GHz WLAN_Ant 8+15_Full Power】

Mode	Channel	Frequency (MHz)	Ant 8+15(8)		Ant 8+15(15)		Ant 8+15		Duty Cycle %
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	
802.11a 6Mbps	149	5745	19.45	20.00	19.13	20.00	22.30	23.00	98.97
	157	5785	19.33	20.00	19.05	20.00	22.20	23.00	
	165	5825	19.60	20.50	19.37	20.00	22.50	23.00	
802.11n-HT20 MCS0	149	5745	18.25	19.00	18.10	19.00	21.19	22.00	100.00
	157	5785	18.22	19.00	18.13	19.00	21.19	22.00	
	165	5825	18.18	19.00	18.15	19.00	21.18	22.00	
802.11n-HT40 MCS0	151	5755	17.78	18.50	17.46	18.00	20.63	21.50	100.00
	159	5795	17.46	18.00	17.34	18.00	20.41	21.00	
802.11ac-VHT20 MCS0	149	5745	18.32	19.00	18.18	19.00	21.26	22.00	100.00
	157	5785	18.28	19.00	18.21	19.00	21.26	22.00	
	165	5825	18.25	19.00	18.21	19.00	21.24	22.00	
802.11ac-VHT40 MCS0	151	5755	17.84	18.50	17.53	18.50	20.70	21.50	100.00
	159	5795	17.53	18.50	17.41	18.00	20.48	21.00	
802.11ac-VHT80 MCS0	155	5775	16.54	17.50	16.36	17.00	19.46	20.00	100.00
802.11ax-HE20 MCS0	149	5745	18.39	19.00	18.25	19.00	21.33	22.00	100.00
	157	5785	18.35	19.00	18.29	19.00	21.33	22.00	
	165	5825	18.31	19.00	18.29	19.00	21.31	22.00	
802.11ax-HE40 MCS0	151	5755	17.92	18.50	17.59	18.50	20.77	21.50	100.00
	159	5795	17.61	18.50	17.47	18.00	20.55	21.50	
802.11ax-HE80 MCS0	155	5775	16.61	17.50	16.42	17.00	19.53	20.50	100.00
802.11be-EHT20 MCS0	149	5745	18.47	19.00	18.33	19.00	21.41	22.00	100.00
	157	5785	18.41	19.00	18.35	19.00	21.39	22.00	
	165	5825	18.39	19.00	18.36	19.00	21.39	22.00	
802.11be-EHT40 MCS0	151	5755	17.98	18.50	17.65	18.50	20.83	21.50	100.00
	159	5795	17.67	18.50	17.54	18.50	20.62	21.50	
802.11be-EHT80 MCS0	155	5775	16.67	17.50	16.48	17.00	19.59	20.50	100.00

【5.8GHz WLAN_Ant 8+15_Head Standalone】

Mode	Channel	Frequency (MHz)	Ant 8+15(8)		Ant 8+15(15)		Ant 8+15		Duty Cycle %
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	
802.11a 6Mbps	149	5745	Not Required	14.50	Not Required	14.00	Not Required	17.00	Not Required
	157	5785		14.50		14.00		17.00	
	165	5825		14.50		14.00		17.00	
802.11n-HT20 MCS0	149	5745		14.50		14.00		17.00	
	157	5785		14.50		14.00		17.00	
	165	5825		14.50		14.00		17.00	
802.11n-HT40 MCS0	151	5755		14.50		14.00		17.00	
	159	5795		14.50		14.00		17.00	
802.11ac-VHT20 MCS0	149	5745		14.50		14.00		17.00	
	157	5785		14.50		14.00		17.00	
	165	5825		14.50		14.00		17.00	
802.11ac-VHT40 MCS0	151	5755		14.50		14.00		17.00	
	159	5795		14.50		14.00		17.00	
802.11ac-VHT80 MCS0	155	5775	13.52	14.50	13.34	14.00	16.44	17.00	100.00
802.11ax-HE20 MCS0	149	5745	Not Required	14.50	Not Required	14.00	Not Required	17.00	Not Required
	157	5785		14.50		14.00		17.00	
	165	5825		14.50		14.00		17.00	
802.11ax-HE40 MCS0	151	5755		14.50		14.00		17.00	
	159	5795		14.50		14.00		17.00	
802.11ax-HE80 MCS0	155	5775		14.50		14.00		17.00	
	149	5745		14.50		14.00		17.00	
	157	5785		14.50		14.00		17.00	
802.11be-EHT20 MCS0	165	5825		14.50		14.00		17.00	
	151	5755		14.50		14.00		17.00	
802.11be-EHT40 MCS0	159	5795		14.50		14.00		17.00	
	155	5775		14.50		14.00		17.00	
802.11be-EHT80 MCS0	155	5775		14.50		14.00		17.00	

【5.8GHz WLAN_Ant 8+15_Hotspot Standalone】

Mode	Channel	Frequency (MHz)	Ant 8+15(8)		Ant 8+15(15)		Ant 8+15		Duty Cycle %
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	
802.11a 6Mbps	149	5745	19.45	20.00	19.13	20.00	22.30	23.00	98.97
	157	5785	19.33	20.00	19.05	20.00	22.20	23.00	
	165	5825	19.60	20.50	19.37	20.00	22.50	23.00	
802.11n-HT20 MCS0	149	5745	18.25	19.00	18.10	19.00	21.19	22.00	100.00
	157	5785	18.22	19.00	18.13	19.00	21.19	22.00	
	165	5825	18.18	19.00	18.15	19.00	21.18	22.00	
802.11n-HT40 MCS0	151	5755	17.78	18.50	17.46	18.00	20.63	21.50	100.00
	159	5795	17.46	18.00	17.34	18.00	20.41	21.00	
802.11ac-VHT20 MCS0	149	5745	18.32	19.00	18.18	19.00	21.26	22.00	100.00
	157	5785	18.28	19.00	18.21	19.00	21.26	22.00	
	165	5825	18.25	19.00	18.21	19.00	21.24	22.00	
802.11ac-VHT40 MCS0	151	5755	17.84	18.50	17.53	18.50	20.70	21.50	100.00
	159	5795	17.53	18.50	17.41	18.00	20.48	21.00	
802.11ac-VHT80 MCS0	155	5775	16.54	17.50	16.36	17.00	19.46	20.00	100.00
802.11ax-HE20 MCS0	149	5745	18.39	19.00	18.25	19.00	21.33	22.00	100.00
	157	5785	18.35	19.00	18.29	19.00	21.33	22.00	
	165	5825	18.31	19.00	18.29	19.00	21.31	22.00	
802.11ax-HE40 MCS0	151	5755	17.92	18.50	17.59	18.50	20.77	21.50	100.00
	159	5795	17.61	18.50	17.47	18.00	20.55	21.50	
802.11ax-HE80 MCS0	155	5775	16.61	17.50	16.42	17.00	19.53	20.50	100.00
802.11be-EHT20 MCS0	149	5745	18.47	19.00	18.33	19.00	21.41	22.00	100.00
	157	5785	18.41	19.00	18.35	19.00	21.39	22.00	
	165	5825	18.39	19.00	18.36	19.00	21.39	22.00	
802.11be-EHT40 MCS0	151	5755	17.98	18.50	17.65	18.50	20.83	21.50	100.00
	159	5795	17.67	18.50	17.54	18.50	20.62	21.50	
802.11be-EHT80 MCS0	155	5775	16.67	17.50	16.48	17.00	19.59	20.50	100.00

【5.8GHz WLAN_Ant 8+15_Body worn Standalone】

Mode	Channel	Frequency (MHz)	Ant 8+15(8)		Ant 8+15(15)		Ant 8+15		Duty Cycle %
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	
802.11a 6Mbps	149	5745	19.45	20.00	19.13	20.00	22.30	23.00	98.97
	157	5785	19.33	20.00	19.05	20.00	22.20	23.00	
	165	5825	19.60	20.50	19.37	20.00	22.50	23.00	
802.11n-HT20 MCS0	149	5745	18.25	19.00	18.10	19.00	21.19	22.00	100.00
	157	5785	18.22	19.00	18.13	19.00	21.19	22.00	
	165	5825	18.18	19.00	18.15	19.00	21.18	22.00	
802.11n-HT40 MCS0	151	5755	17.78	18.50	17.46	18.00	20.63	21.50	100.00
	159	5795	17.46	18.00	17.34	18.00	20.41	21.00	
802.11ac-VHT20 MCS0	149	5745	18.32	19.00	18.18	19.00	21.26	22.00	100.00
	157	5785	18.28	19.00	18.21	19.00	21.26	22.00	
	165	5825	18.25	19.00	18.21	19.00	21.24	22.00	
802.11ac-VHT40 MCS0	151	5755	17.84	18.50	17.53	18.50	20.70	21.50	100.00
	159	5795	17.53	18.50	17.41	18.00	20.48	21.00	
802.11ac-VHT80 MCS0	155	5775	16.54	17.50	16.36	17.00	19.46	20.00	100.00
802.11ax-HE20 MCS0	149	5745	18.39	19.00	18.25	19.00	21.33	22.00	100.00
	157	5785	18.35	19.00	18.29	19.00	21.33	22.00	
	165	5825	18.31	19.00	18.29	19.00	21.31	22.00	
802.11ax-HE40 MCS0	151	5755	17.92	18.50	17.59	18.50	20.77	21.50	100.00
	159	5795	17.61	18.50	17.47	18.00	20.55	21.50	
802.11ax-HE80 MCS0	155	5775	16.61	17.50	16.42	17.00	19.53	20.50	100.00
802.11be-EHT20 MCS0	149	5745	18.47	19.00	18.33	19.00	21.41	22.00	100.00
	157	5785	18.41	19.00	18.35	19.00	21.39	22.00	
	165	5825	18.39	19.00	18.36	19.00	21.39	22.00	
802.11be-EHT40 MCS0	151	5755	17.98	18.50	17.65	18.50	20.83	21.50	100.00
	159	5795	17.67	18.50	17.54	18.50	20.62	21.50	
802.11be-EHT80 MCS0	155	5775	16.67	17.50	16.48	17.00	19.59	20.50	100.00

<5.8GHz WLAN_Ant 8+15_Extremity Standalone>									
Mode	Channel	Frequency (MHz)	Ant 8+15(8)		Ant 8+15(15)		Ant 8+15		
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	149	5745	19.45	20.00	19.13	20.00	22.30	23.00	98.97
	157	5785	19.33	20.00	19.05	20.00	22.20	23.00	98.97
	165	5825	19.60	20.50	19.37	20.00	22.50	23.00	98.97
802.11n-HT20 MCS0	149	5745	18.25	19.00	18.10	19.00	21.19	22.00	100.00
	157	5785	18.22	19.00	18.13	19.00	21.19	22.00	100.00
	165	5825	18.18	19.00	18.15	19.00	21.18	22.00	100.00
802.11n-HT40 MCS0	151	5755	17.78	18.50	17.46	18.00	20.63	21.50	100.00
	159	5795	17.46	18.00	17.34	18.00	20.41	21.00	100.00
802.11ac-VHT20 MCS0	149	5745	18.32	19.00	18.18	19.00	21.26	22.00	100.00
	157	5785	18.28	19.00	18.21	19.00	21.26	22.00	100.00
	165	5825	18.25	19.00	18.21	19.00	21.24	22.00	100.00
802.11ac-VHT40 MCS0	151	5755	17.84	18.50	17.53	18.50	20.70	21.50	100.00
	159	5795	17.53	18.50	17.41	18.00	20.48	21.00	100.00
802.11ac-VHT80 MCS0	155	5775	16.54	17.50	16.36	17.00	19.46	20.00	100.00
802.11ax-HE20 MCS0	149	5745	18.39	19.00	18.25	19.00	21.33	22.00	100.00
	157	5785	18.35	19.00	18.29	19.00	21.33	22.00	100.00
	165	5825	18.31	19.00	18.29	19.00	21.31	22.00	100.00
802.11ax-HE40 MCS0	151	5755	17.92	18.50	17.59	18.50	20.77	21.50	100.00
	159	5795	17.61	18.50	17.47	18.00	20.55	21.50	100.00
802.11ax-HE80 MCS0	155	5775	16.61	17.50	16.42	17.00	19.53	20.50	100.00
802.11be-EHT20 MCS0	149	5745	18.47	19.00	18.33	19.00	21.41	22.00	100.00
	157	5785	18.41	19.00	18.35	19.00	21.39	22.00	100.00
	165	5825	18.39	19.00	18.36	19.00	21.39	22.00	100.00
802.11be-EHT40 MCS0	151	5755	17.98	18.50	17.65	18.50	20.83	21.50	100.00
	159	5795	17.67	18.50	17.54	18.50	20.62	21.50	100.00
802.11be-EHT80 MCS0	155	5775	16.67	17.50	16.48	17.00	19.59	20.50	100.00

<WLAN 6E Power>

Indoor client					Ant 8 For Default / Full Power	Ant 15 For Default / Full Power	Ant 8+15 For Default / Full Power	Ant 8 For Head Standalone	Ant 15 For Head Standalone	Ant 8+15 For Head Standalone	Ant 8 For Extremity Standalone For Body-worn Standalone	Ant 15 For Extremity Standalone For Body-worn Standalone	Ant 8+15 For Extremity Standalone For Body-worn Standalone	Duty Cycle %										
Band	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %		
WLAN6GHz	UNII 5 (5.925-6.425GHz)	802.11a 6Mbps	1	5955	4.48	5.00	5.10	6.00	7.81	8.50	4.48	5.00	5.10	6.00	7.81	8.50	Not Required	5.00	Not Required	6.00	Not Required	8.50	99.32	
			45	6175	4.76	5.50	4.88	5.50	7.83	8.50	4.76	5.50	4.88	5.50	7.83	8.50		5.50		5.50		8.50		
			93	6415	4.32	5.00	5.11	6.00	7.74	8.50	4.32	5.00	5.11	6.00	7.74	8.50		5.00		6.00		8.50		
		802.11ax-HE20 MCS0	1	5955	5.04	6.00	5.64	6.50	8.36	9.00	5.04	6.00	5.64	6.50	8.36	9.00	Not Required	6.00	Not Required	6.50	Not Required	9.00	100	
			45	6175	4.72	5.50	4.91	5.50	7.83	8.50	4.72	5.50	4.91	5.50	7.83	8.50		5.50		5.50		8.50		
			93	6415	4.98	5.50	5.46	6.00	8.24	9.00	4.98	5.50	5.46	6.00	8.24	9.00		5.50		6.00		9.00		
		802.11ax-HE40 MCS0	3	5965	7.64	8.50	9.20	10.00	11.50	12.00	7.64	8.50	9.20	10.00	11.50	12.00	Not Required	8.50	Not Required	10.00	Not Required	12.00	100	
			43	6165	7.24	8.00	7.52	8.80	10.39	11.00	7.24	8.00	7.52	8.80	10.39	11.00		8.00		8.80		11.00		
			91	6405	7.83	8.50	7.75	8.50	10.80	11.50	7.83	8.50	7.75	8.50	10.80	11.50		8.50		8.50		11.50		
		802.11ax-HE80 MCS0	7	5985	11.42	12.00	11.99	12.50	14.72	15.50	11.42	12.00	11.99	12.50	14.72	15.50	Not Required	12.00	Not Required	12.50	Not Required	15.50	100	
			39	6145	10.26	11.00	10.56	11.50	13.42	14.50	10.26	11.00	10.56	11.50	13.42	14.50		11.00		11.50		14.50		
			87	6385	10.90	11.50	11.50	12.00	14.22	15.00	10.90	11.50	11.50	12.00	14.22	15.00		11.50		12.00		15.00		
		802.11ax-HE160 MCS0	15	6025	13.96	14.50	14.38	15.00	17.19	18.00	13.96	14.50	14.38	15.00	17.19	18.00	12.98	13.50	13.34	14.00	16.17	17.00	100	
			47	6185	13.60	14.50	13.77	14.50	16.70	17.50	13.60	14.50	13.77	14.50	16.70	17.50	13.60	14.50	13.77	14.50	16.70	17.50		
		UNII 6 (6.425-6.525GHz)	802.11be-EHT20 MCS0	1	5955	5.09	6.00	5.67	6.50	8.40	9.00	5.09	6.00	5.67	6.50	8.40	9.00	Not Required	6.00	Not Required	6.50	Not Required	9.00	100
				45	6175	4.77	5.50	4.95	5.50	7.87	8.50	4.77	5.50	4.95	5.50	7.87	8.50		5.50		5.50		8.50	
				93	6415	5.04	6.00	5.48	6.00	8.28	9.00	5.04	6.00	5.48	6.00	8.28	9.00		6.00		6.00		9.00	
			802.11be-EHT40 MCS0	3	5965	7.68	8.50	9.24	10.00	11.54	12.50	7.68	8.50	9.24	10.00	11.54	12.50	Not Required	8.50	Not Required	10.00	Not Required	12.50	100
				43	6165	7.32	8.00	7.59	8.50	10.47	11.50	7.32	8.00	7.59	8.50	10.47	11.50		8.00		8.50		11.50	
				91	6405	7.86	8.50	7.82	8.50	10.85	11.50	7.86	8.50	7.82	8.50	10.85	11.50		8.50		8.50		11.50	
			802.11be-EHT80 MCS0	7	5985	11.49	12.00	12.05	13.00	14.79	15.50	11.49	12.00	12.05	13.00	14.79	15.50	Not Required	12.00	Not Required	13.00	Not Required	15.50	100
				39	6145	10.33	11.00	10.59	11.50	13.47	14.50	10.33	11.00	10.59	11.50	13.47	14.50		11.00		11.50		14.50	
				87	6385	10.97	11.50	11.59	12.50	14.30	15.00	10.97	11.50	11.59	12.50	14.30	15.00		11.50		12.50		15.00	
			802.11be-EHT160 MCS0	15	6025	13.99	14.50	14.46	15.00	17.24	18.00	13.99	14.50	14.46	15.00	17.24	18.00	Not Required	14.50	Not Required	15.00	Not Required	17.50	100
		47		6185	13.67	14.50	13.83	14.50	16.76	17.50	13.67	14.50	13.83	14.50	16.76	17.50	14.50		14.50		17.50			
		802.11be-EHT320 MCS0	31	6105	13.29	14.00	13.66	14.50	16.49	17.00	13.29	14.00	13.66	14.50	16.49	17.00	Not Required	14.00	Not Required	14.50	Not Required	17.00	100	
			95	6425	13.71	14.00	13.64	14.50	16.69	17.00	13.71	14.00	13.64	14.50	16.69	17.00		14.00		14.50		17.00		
	UNII 7 (6.525-6.885GHz)	802.11a 6Mbps	97	6435	7.19	8.00	7.07	8.00	10.14	11.00	Not Required	8.00	Not Required	8.00	Not Required	11.00	7.19	8.00	7.07	8.00	10.14	11.00	99.32	
			105	6475	7.22	8.00	8.26	9.00	10.78	11.50		8.00		9.00		11.50	7.22	8.00	8.26	9.00	10.78	11.50		
			113	6515	7.15	8.00	7.94	8.50	10.57	11.50		8.00		8.50		11.50	7.15	8.00	7.94	8.50	10.57	11.50		
		802.11ax-HE20 MCS0	97	6435	8.01	9.00	8.77	9.50	11.42	12.00	Not Required	9.00	Not Required	9.50	Not Required	12.00	8.01	9.00	8.77	9.50	11.42	12.00	100	
			105	6475	7.89	8.50	8.65	9.50	11.30	12.00		8.50		9.50		12.00	7.89	8.50	8.65	9.50	11.30	12.00		
			113	6515	7.88	8.50	8.58	9.50	11.25	12.00		8.50		9.50		12.00	7.88	8.50	8.58	9.50	11.25	12.00		
		802.11ax-HE40 MCS0	99	6445	10.73	11.50	11.35	12.00	14.06	15.00	Not Required	11.50	Not Required	12.00	Not Required	15.00	10.73	11.50	11.35	12.00	14.06	15.00	100	
			115	6525	10.76	11.50	11.64	12.50	14.23	15.00		11.50		12.50		15.00	10.76	11.50	11.64	12.50	14.23	15.00		
		802.11ax-HE80 MCS0	103	6465	13.52	14.50	14.14	15.00	16.85	17.50	Not Required	14.50	Not Required	15.00	Not Required	17.50	13.52	14.50	14.14	15.00	16.85	17.50	100	
			119	6545	13.53	14.50	14.47	15.00	17.04	18.00		14.50		15.00		17.50	13.53	14.50	14.47	15.00	17.04	18.00		
		802.11ax-HE160 MCS0	111	6505	15.57	16.50	16.27	17.00	18.94	19.50	13.56	14.50	14.24	15.00	16.92	17.50	15.57	16.50	16.27	17.00	18.94	19.50	100	
			127	6585	13.28	13.50	14.08	14.50	16.71	17.00	13.50	14.50	14.24	15.00	16.92	17.50	15.57	16.50	16.27	17.00	18.94	19.50	100	
		802.11be-EHT20 MCS0	97	6435	8.04	9.00	8.79	9.50	11.44	12.00	Not Required	9.00	Not Required	9.50	Not Required	12.00	8.04	9.00	8.79	9.50	11.44	12.00	100	
			105	6475	7.93	8.50	8.70	9.50	11.34	12.00		8.50		9.50		12.00	7.93	8.50	8.70	9.50	11.34	12.00		
		802.11be-EHT40 MCS0	99	6445	10.78	11.50	11.43	12.00	14.13	15.00	Not Required	11.50	Not Required	12.00	Not Required	15.00	10.78	11.50	11.43	12.00	14.13	15.00	100	
			115	6525	10.85	11.50	11.67	12.50	14.29	15.00		11.50		12.50		15.00	10.85	11.50	11.67	12.50	14.29	15.00		
		802.11be-EHT80 MCS0	103	6465	13.58	14.50	14.22	15.00	16.92	17.50	Not Required	14.50	Not Required	15.00	Not Required	17.50	13.58	14.50	14.22	15.00	16.92	17.50	100	
	119		6545	13.55	14.50	14.56	15.50	17.09	18.00	14.50		15.50		17.50		13.55	14.50	14.56	15.50	17.09	18.00			
	802.11be-EHT160 MCS0	111	6505	15.62	16.50	16.33	17.00	19.00	19.50	Not Required	14.50	Not Required	15.00	Not Required	17.50	15.62	16.50	16.33	17.00	19.00	19.50	100		
		127	6585	13.28	13.50	14.08	14.50	16.71	17.00	13.50	14.50	14.24	15.00	16.92	17.50	15.57	16.50	16.33	17.00	18.94	19.50	100		
802.11be-EHT320 MCS0	117	6535	8.58	9.00	9.14	10.00	11.88	12.50	Not Required	9.00	Not Required	10.00	Not Required	12.50	8.58	9.00	9.14	10.00	11.88	12.50	99.32			
	149	6695	8.64	9.50	9.26	10.00	11.97	12.50		9.50		10.00		10.00	10.00	12.50	8.64	9.50	9.26	10.00		11.97	12.50	

			181	6855	8.29	9.00	9.07	10.00	11.71	12.50		9.00		10.00		12.50	8.29	9.00	9.07	10.00	11.71	12.50	
		802.11ax-HE20 MCS0	117	6535	9.27	10.00	10.22	11.00	12.78	13.50		10.00		11.00		13.50	9.27	10.00	10.22	11.00	12.78	13.50	100
			149	6695	9.27	10.00	9.72	10.50	12.51	13.50		10.00		10.50		13.50	9.27	10.00	9.72	10.50	12.51	13.50	
			181	6855	8.91	9.50	9.55	10.50	12.25	13.00		9.50		10.50		13.00	8.91	9.50	9.55	10.50	12.25	13.00	
		802.11ax-HE40 MCS0	123	6565	11.75	12.50	12.77	13.50	15.30	16.00		12.50		13.50		16.00	11.75	12.50	12.77	13.50	15.30	16.00	100
			147	6685	11.62	12.50	12.27	13.00	14.97	15.50		12.50		13.00		15.50	11.62	12.50	12.27	13.00	14.97	15.50	
			179	6845	11.48	12.00	12.04	13.00	14.78	15.50		12.00		13.00		15.50	11.48	12.00	12.04	13.00	14.78	15.50	
		802.11ax-HE80 MCS0	135	6625	15.09	16.00	15.74	16.50	18.44	19.00		15.50		16.00		19.00	15.09	16.00	15.74	16.50	18.44	19.00	100
			151	6705	15.10	16.00	15.47	16.00	18.30	19.00		15.50		16.00		19.00	15.10	16.00	15.47	16.00	18.30	19.00	
			167	6785	15.01	16.00	15.16	16.00	18.10	19.00		15.50		16.00		19.00	15.01	16.00	15.16	16.00	18.10	19.00	
		802.11ax-HE160 MCS0	143	6665	15.44	16.00	15.99	16.50	18.73	19.50	14.87	15.50	15.45	16.00	18.18	19.00	15.44	16.00	15.99	16.50	18.73	19.50	100
		802.11be-EHT20 MCS0	117	6535	9.32	10.00	10.29	11.00	12.84	13.50		10.00		11.00		13.50	9.32	10.00	10.29	11.00	12.84	13.50	100
			149	6695	9.34	10.00	9.77	10.50	12.57	13.50		10.00		10.50		13.50	9.34	10.00	9.77	10.50	12.57	13.50	
			181	6855	8.97	9.50	9.63	10.50	12.32	13.00		9.50		10.50		13.00	8.97	9.50	9.63	10.50	12.32	13.00	
		802.11be-EHT40 MCS0	123	6565	11.77	12.50	12.85	13.50	15.35	16.00		12.50		13.50		16.00	11.77	12.50	12.85	13.50	15.35	16.00	100
			147	6685	11.64	12.50	12.33	13.00	15.01	16.00		12.50		13.00		16.00	11.64	12.50	12.33	13.00	15.01	16.00	
			179	6845	11.52	12.50	12.11	13.00	14.84	15.50	Not Required	12.50	Not Required	13.00	Not Required	15.50	11.52	12.50	12.11	13.00	14.84	15.50	
		802.11be-EHT80 MCS0	135	6625	15.12	16.00	15.78	16.50	18.47	19.00		15.50		16.00		19.00	15.12	16.00	15.78	16.50	18.47	19.00	100
			151	6705	15.14	16.00	15.51	16.50	18.34	19.00		15.50		16.00		19.00	15.14	16.00	15.51	16.50	18.34	19.00	
			167	6785	15.09	16.00	15.18	16.00	18.15	19.00		15.50		16.00		19.00	15.09	16.00	15.18	16.00	18.15	19.00	
		802.11be-EHT160 MCS0	143	6665	15.48	16.00	16.05	17.00	18.78	19.50		15.50		16.00		19.00	15.48	16.00	16.05	17.00	18.78	19.50	100
		802.11be-EHT320 MCS0	159	6745	13.67	14.50	13.49	14.50	16.59	17.50		14.50		14.50		17.50	13.67	14.50	13.49	14.50	16.59	17.50	100
	UNII 8 (6.885-7.125GHz)	802.11a 6Mbps	189	6895	8.30	9.00	9.00	9.50	11.67	12.50	8.30	9.00	9.00	9.50	11.67	12.50	8.30	9.00	9.00	9.50	11.67	12.50	99.32
			209	6995	8.42	9.00	9.05	10.00	11.76	12.50	8.42	9.00	9.05	10.00	11.76	12.50	8.42	9.00	9.05	10.00	11.76	12.50	
			229	7095	9.27	10.00	9.46	10.00	12.38	13.00	9.27	10.00	9.46	10.00	12.38	13.00	9.27	10.00	9.46	10.00	12.38	13.00	
		802.11ax-HE20 MCS0	189	6895	8.79	9.50	9.56	10.50	12.20	13.00	8.79	9.50	9.56	10.50	12.20	13.00	8.79	9.50	9.56	10.50	12.20	13.00	100
			209	6995	8.97	9.50	9.61	10.50	12.31	13.00	8.97	9.50	9.61	10.50	12.31	13.00	8.97	9.50	9.61	10.50	12.31	13.00	
			229	7095	9.84	10.50	10.05	11.00	12.96	13.50	9.84	10.50	10.05	11.00	12.96	13.50	9.84	10.50	10.05	11.00	12.96	13.50	
		802.11ax-HE40 MCS0	187	6885	11.94	12.50	11.19	12.00	14.59	15.50	11.94	12.50	11.19	12.00	14.59	15.50	11.94	12.50	11.19	12.00	14.59	15.50	100
			203	6965	12.36	13.00	11.75	12.50	15.08	16.00	12.36	13.00	11.75	12.50	15.08	16.00	12.36	13.00	11.75	12.50	15.08	16.00	
			227	7085	12.14	13.00	12.50	13.00	15.33	16.00	12.14	13.00	12.50	13.00	15.33	16.00	12.14	13.00	12.50	13.00	15.33	16.00	
		802.11ax-HE80 MCS0	199	6945	14.55	15.50	15.07	16.00	17.83	18.50	14.55	15.50	15.07	16.00	17.83	18.50	14.55	15.50	15.07	16.00	17.83	18.50	100
			215	7025	14.60	15.50	15.16	16.00	17.90	18.50	14.60	15.50	15.16	16.00	17.90	18.50	14.60	15.50	15.16	16.00	17.90	18.50	
		802.11ax-HE160 MCS0	207	6985	15.59	16.50	16.37	17.00	19.01	20.00	15.59	16.50	16.37	17.00	19.01	20.00	15.59	16.50	16.37	17.00	19.01	20.00	100
		802.11be-EHT20 MCS0	189	6895	8.84	9.50	9.59	10.50	12.24	13.00	8.84	9.50	9.59	10.50	12.24	13.00	8.84	9.50	9.59	10.50	12.24	13.00	100
			209	6995	8.99	9.50	9.67	10.50	12.35	13.00	8.99	9.50	9.67	10.50	12.35	13.00	8.99	9.50	9.67	10.50	12.35	13.00	
			229	7095	9.86	10.50	10.09	11.00	12.99	13.50	9.86	10.50	10.09	11.00	12.99	13.50	9.86	10.50	10.09	11.00	12.99	13.50	
		802.11be-EHT40 MCS0	187	6885	12.03	13.00	11.23	12.00	14.66	15.50	12.03	13.00	11.23	12.00	14.66	15.50	12.03	13.00	11.23	12.00	14.66	15.50	100
			203	6965	12.44	13.00	11.79	12.50	15.14	16.00	12.44	13.00	11.79	12.50	15.14	16.00	12.44	13.00	11.79	12.50	15.14	16.00	
			227	7085	12.22	13.00	12.53	13.50	15.39	16.00	12.22	13.00	12.53	13.50	15.39	16.00	12.22	13.00	12.53	13.50	15.39	16.00	
		802.11be-EHT80 MCS0	199	6945	14.61	15.50	15.14	16.00	17.89	18.50	14.61	15.50	15.14	16.00	17.89	18.50	14.61	15.50	15.14	16.00	17.89	18.50	100
			215	7025	14.66	15.50	15.19	16.00	17.94	18.50	14.66	15.50	15.19	16.00	17.94	18.50	14.66	15.50	15.19	16.00	17.94	18.50	
		802.11be-EHT160 MCS0	207	6985	15.66	16.50	16.42	17.00	19.07	20.00	15.66	16.50	16.42	17.00	19.07	20.00	15.66	16.50	16.42	17.00	19.07	20.00	100
		802.11be-EHT320 MCS0	191	6905	12.45	13.00	13.21	14.00	15.86	16.50	12.45	13.00	13.21	14.00	15.86	16.50	12.45	13.00	13.21	14.00	15.86	16.50	100