

80	PI/2 BPSK	1	1	18.51	18.47	18.42	20.00
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	18.46	18.42	18.43	20.00
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	18.51	18.49	18.44	20.00
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	18.46	18.54	18.50	20.00
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	18.39	18.43	18.47	20.00
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	18.47	18.52	18.53	20.00
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	18.44	18.47	18.47	20.00
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	18.45	18.55	18.42	20.00
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	18.51	18.48	18.54	20.00
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	18.49	18.52	18.40	20.00

【FR1 n77 (27Q)_FCC_Part 27Q

(3450~3550MHz)_Ant11_DSI4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		22.32		23.00
100	PI/2 BPSK	1	137		21.84		23.00
100	PI/2 BPSK	1	271		21.91		23.00
100	PI/2 BPSK	135	0		22.07		22.50
100	PI/2 BPSK	135	69		22.12		23.00
100	PI/2 BPSK	135	138		21.85		22.50
100	PI/2 BPSK	270	0		21.92		22.50
100	QPSK	1	1		22.17		23.00
100	QPSK	1	137		21.81		23.00
100	QPSK	1	271		21.79		23.00
100	QPSK	135	0		22.06		23.00
100	QPSK	135	69		21.85		23.00
100	QPSK	135	138		21.77		23.00
100	QPSK	270	0		21.94		23.00
100	16QAM	1	1		22.29		23.00
100	64QAM	1	1		21.75		23.00
100	256QAM	1	1		19.42		21.00
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	22.21	22.28	22.23	23.00
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	22.11	22.14	22.15	23.00
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	22.14	22.20	22.13	23.00
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	22.14	22.26	22.11	23.00
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	22.14	22.26	22.20	23.00
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	22.11	22.14	22.12	23.00
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	22.12	22.21	22.19	23.00

Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	22.08	22.14	22.12	23.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	22.18	22.25	22.10	23.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	22.17	22.21	22.12	23.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	22.13	22.15	22.17	23.00

【FR1 n77 (270)_FCC_Part 270

(3700~3980MHz)_Ant11_DSI4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	Tune-up limit
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	21.21	21.32	21.28	23.00
100	PI/2 BPSK	1	137	20.95	21.13	20.96	23.00
100	PI/2 BPSK	1	271	21.01	21.22	21.05	23.00
100	PI/2 BPSK	135	0	21.09	21.21	21.08	22.50
100	PI/2 BPSK	135	69	21.11	21.25	21.09	23.00
100	PI/2 BPSK	135	138	21.04	21.19	21.01	22.50
100	PI/2 BPSK	270	0	21.06	21.23	21.15	22.50
100	QPSK	1	1	20.94	21.17	21.03	23.00
100	QPSK	1	137	20.82	21.07	20.92	23.00
100	QPSK	1	271	20.81	21.06	20.90	23.00
100	QPSK	135	0	20.88	21.12	21.03	23.00
100	QPSK	135	69	20.91	21.07	20.89	23.00
100	QPSK	135	138	20.96	21.16	21.00	23.00
100	QPSK	270	0	21.01	21.12	21.06	23.00
100	16QAM	1	1	20.99	21.24	21.11	23.00
100	64QAM	1	1	20.48	20.67	20.59	23.00
100	256QAM	1	1	18.26	18.37	18.25	21.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	21.06	21.31	21.17	23.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	21.19	21.22	21.18	23.00
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	21.16	21.17	21.16	23.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	21.12	21.22	21.18	23.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	21.17	21.20	21.14	23.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	21.10	21.26	21.24	23.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	21.18	21.19	21.26	23.00
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	21.17	21.26	21.17	23.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	21.12	21.26	21.21	23.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	21.17	21.26	21.13	23.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	21.13	21.28	21.24	23.00

【FR1 n77 (27Q)_FCC_Part 27Q
(3450~3550MHz)_HPUE_Ant11_Default】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
100	PI/2 BPSK	1	1	24.18	24.21	24.19	25.00
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	24.05	24.16	24.09	25.00
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	24.05	24.15	24.13	25.00
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	24.08	24.06	24.16	25.00
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	24.04	24.16	24.14	25.00
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	24.08	24.11	24.11	25.00
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	24.11	24.16	24.15	25.00
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	24.10	24.15	24.14	25.00
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	24.05	24.09	24.17	25.00
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	24.08	24.16	24.05	25.00
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	24.04	24.12	24.12	25.00

【FR1 n77 (27Q)_FCC_Part 27Q
(3700~3980MHz)_HPUE_Ant11_Default】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	Tune-up limit (dBm)
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	22.63	23.05	23.03	24.50
100	PI/2 BPSK	1	137	22.35	22.85	22.72	24.50
100	PI/2 BPSK	1	271	22.45	22.91	22.80	24.50
100	PI/2 BPSK	135	0	21.88	22.41	22.25	24.00
100	PI/2 BPSK	135	69	22.45	22.92	22.86	24.50
100	PI/2 BPSK	135	138	21.90	22.42	22.38	24.00
100	PI/2 BPSK	270	0	22.01	22.51	22.34	24.00
100	QPSK	1	1	22.31	22.78	22.67	24.50

100	QPSK	1	137	22.25	22.78	22.66	24.50
100	QPSK	1	271	22.44	22.87	22.83	24.50
100	QPSK	135	0	21.41	21.85	21.68	23.50
100	QPSK	135	69	22.29	22.78	22.63	24.50
100	QPSK	135	138	21.46	21.96	21.81	23.50
100	QPSK	270	0	21.57	21.91	21.86	23.50
100	16QAM	1	1	21.48	22.02	21.91	23.50
100	64QAM	1	1	19.87	20.36	20.27	22.00
100	256QAM	1	1	17.69	18.07	18.04	20.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	22.61	22.97	22.96	24.50
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	22.55	22.91	22.91	24.50
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	22.61	23.03	22.95	24.50
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	22.52	22.92	23.01	24.50
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	22.49	22.94	22.90	24.50
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	22.50	22.99	22.99	24.50
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	22.60	22.96	22.99	24.50
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	22.52	23.01	22.94	24.50
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	22.61	23.00	23.00	24.50
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	22.51	22.98	22.88	24.50
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	22.54	22.97	23.02	24.50

【FR1 n77 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_Ant11_DSI1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		17.05		18.00
100	PI/2 BPSK	1	137		16.91		18.00
100	PI/2 BPSK	1	271		16.89		18.00
100	PI/2 BPSK	135	0		16.87		18.00
100	PI/2 BPSK	135	69		17.02		18.00
100	PI/2 BPSK	135	138		16.97		18.00
100	PI/2 BPSK	270	0		16.92		18.00
100	QPSK	1	1		16.97		18.00
100	QPSK	1	137		16.94		18.00
100	QPSK	1	271		16.90		18.00
100	QPSK	135	0		16.95		18.00
100	QPSK	135	69		16.98		18.00
100	QPSK	135	138		16.92		18.00
100	QPSK	270	0		16.88		18.00
100	16QAM	1	1		16.90		18.00
100	64QAM	1	1		16.97		18.00
100	256QAM	1	1		16.96		18.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	16.95	16.98	16.91	18.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	16.91	16.92	16.87	18.00
Channel				632334	633332	634332	Tune-up limit

	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	16.81	16.89	16.79	18.00
	Channel			632000	633332	634666	Tune-up limit
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	16.86	16.88	16.79	18.00
	Channel			631668	633332	635000	Tune-up limit
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	16.90	16.85	16.87	18.00
	Channel			631334	633332	635332	Tune-up limit
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	16.90	16.91	16.78	18.00
	Channel			631000	633332	635666	Tune-up limit
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	16.93	16.89	16.79	18.00
	Channel			630834	633332	635832	Tune-up limit
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	16.81	16.84	16.77	18.00
	Channel			630668	633332	636000	Tune-up limit
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	16.92	16.89	16.84	18.00
	Channel			630500	633332	636166	Tune-up limit
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	16.83	16.90	16.87	18.00
	Channel			630334	633332	636332	Tune-up limit
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	16.89	16.94	16.77	18.00

【FR1 n77 (270)_FCC_Part 270

(3700~3980MHz)_HPUE_Ant11_DSI1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel			650000	656000	662000	
	Frequency (MHz)			3750	3840	3930	
100	PI/2 BPSK	1	1	16.58	16.62	16.54	18.00
100	PI/2 BPSK	1	137	16.46	16.53	16.34	18.00
100	PI/2 BPSK	1	271	16.40	16.47	16.32	18.00
100	PI/2 BPSK	135	0	16.37	16.50	16.32	18.00
100	PI/2 BPSK	135	69	16.42	16.58	16.36	18.00
100	PI/2 BPSK	135	138	16.42	16.48	16.30	18.00
100	PI/2 BPSK	270	0	16.41	16.52	16.39	18.00
100	QPSK	1	1	16.45	16.58	16.46	18.00
100	QPSK	1	137	16.36	16.48	16.30	18.00
100	QPSK	1	271	16.43	16.53	16.43	18.00
100	QPSK	135	0	16.35	16.51	16.38	18.00
100	QPSK	135	69	16.45	16.50	16.29	18.00
100	QPSK	135	138	16.42	16.49	16.32	18.00
100	QPSK	270	0	16.30	16.47	16.33	18.00
100	16QAM	1	1	16.38	16.48	16.29	18.00
100	64QAM	1	1	16.35	16.48	16.29	18.00
100	256QAM	1	1	16.30	16.49	16.37	18.00
	Channel			649668	656000	662332	Tune-up limit
	Frequency (MHz)			3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	16.55	16.48	16.43	18.00
	Channel			649334	656000	662666	Tune-up limit
	Frequency (MHz)			3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	16.49	16.50	16.47	18.00
	Channel			649000	656000	663000	Tune-up limit
	Frequency (MHz)			3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	16.46	16.60	16.42	18.00
	Channel			648668	656000	663332	Tune-up limit
	Frequency (MHz)			3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	16.47	16.50	16.42	18.00
	Channel			648334	656000	663666	Tune-up limit
	Frequency (MHz)			3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	16.51	16.49	16.43	18.00
	Channel			648000	656000	664000	Tune-up limit
	Frequency (MHz)			3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	16.48	16.53	16.47	18.00
	Channel			647668	656000	664332	Tune-up limit
	Frequency (MHz)			3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	16.51	16.59	16.49	18.00
	Channel			647500	656000	664500	Tune-up limit
	Frequency (MHz)			3712.5	3840	3967.5	(dBm)

25	PI/2 BPSK	1	1	16.49	16.51	16.47	18.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	16.56	16.60	16.49	18.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	16.51	16.60	16.41	18.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	16.54	16.49	16.51	18.00

【FR1 n77 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_Ant11_DSI5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		17.05		18.00
100	PI/2 BPSK	1	137		16.91		18.00
100	PI/2 BPSK	1	271		16.89		18.00
100	PI/2 BPSK	135	0		16.87		18.00
100	PI/2 BPSK	135	69		17.02		18.00
100	PI/2 BPSK	135	138		16.97		18.00
100	PI/2 BPSK	270	0		16.92		18.00
100	QPSK	1	1		16.97		18.00
100	QPSK	1	137		16.94		18.00
100	QPSK	1	271		16.90		18.00
100	QPSK	135	0		16.95		18.00
100	QPSK	135	69		16.98		18.00
100	QPSK	135	138		16.92		18.00
100	QPSK	270	0		16.88		18.00
100	16QAM	1	1		16.90		18.00
100	64QAM	1	1		16.97		18.00
100	256QAM	1	1		16.96		18.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	16.95	16.98	16.91	18.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	16.91	16.92	16.87	18.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	16.81	16.89	16.79	18.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	16.86	16.88	16.79	18.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	16.90	16.85	16.87	18.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	16.90	16.91	16.78	18.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	16.93	16.89	16.79	18.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	16.81	16.84	16.77	18.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	16.92	16.89	16.84	18.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	16.83	16.90	16.87	18.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	16.89	16.94	16.77	18.00

【FR1 n77 (270)_FCC_Part 270

(3700~3980MHz)_HPUE_Ant11_DSI5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	16.58	16.62	16.54	18.00
100	PI/2 BPSK	1	137	16.46	16.53	16.34	18.00
100	PI/2 BPSK	1	271	16.40	16.47	16.32	18.00
100	PI/2 BPSK	135	0	16.37	16.50	16.32	18.00
100	PI/2 BPSK	135	69	16.42	16.58	16.36	18.00
100	PI/2 BPSK	135	138	16.42	16.48	16.30	18.00
100	PI/2 BPSK	270	0	16.41	16.52	16.39	18.00
100	QPSK	1	1	16.45	16.58	16.46	18.00
100	QPSK	1	137	16.36	16.48	16.30	18.00
100	QPSK	1	271	16.43	16.53	16.43	18.00
100	QPSK	135	0	16.35	16.51	16.38	18.00
100	QPSK	135	69	16.45	16.50	16.29	18.00
100	QPSK	135	138	16.42	16.49	16.32	18.00
100	QPSK	270	0	16.30	16.47	16.33	18.00
100	16QAM	1	1	16.38	16.48	16.29	18.00
100	64QAM	1	1	16.35	16.48	16.29	18.00
100	256QAM	1	1	16.30	16.49	16.37	18.00
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	16.55	16.48	16.43	18.00
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	16.49	16.50	16.47	18.00
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	16.46	16.60	16.42	18.00
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	16.47	16.50	16.42	18.00
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	16.51	16.49	16.43	18.00
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	16.48	16.53	16.47	18.00
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	16.51	16.59	16.49	18.00
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	16.49	16.51	16.47	18.00
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	16.56	16.60	16.49	18.00
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	16.51	16.60	16.41	18.00
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	16.54	16.49	16.51	18.00

【FR1 n77 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_Ant11_DSI3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.98		23.00
100	PI/2 BPSK	1	137		21.84		23.00
100	PI/2 BPSK	1	271		21.83		23.00
100	PI/2 BPSK	135	0		21.93		23.00
100	PI/2 BPSK	135	69		21.96		23.00
100	PI/2 BPSK	135	138		21.91		23.00

100	PI/2 BPSK	270	0		21.87		23.00
100	QPSK	1	1		21.91		23.00
100	QPSK	1	137		21.85		23.00
100	QPSK	1	271		21.91		23.00
100	QPSK	135	0		21.86		23.00
100	QPSK	135	69		21.86		23.00
100	QPSK	135	138		21.87		23.00
100	QPSK	270	0		21.91		23.00
100	16QAM	1	1		21.92		23.00
100	64QAM	1	1		21.67		22.50
100	256QAM	1	1		19.43		20.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	21.86	21.95	21.91	23.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	21.73	21.87	21.87	23.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	21.85	21.85	21.89	23.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	21.75	21.84	21.83	23.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	21.77	21.90	21.88	23.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	21.82	21.84	21.79	23.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	21.78	21.94	21.86	23.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	21.83	21.94	21.81	23.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	21.78	21.92	21.87	23.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	21.81	21.86	21.88	23.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	21.71	21.86	21.85	23.00

【FR1 n77 (270)_FCC_Part 270

(3700~3980MHz)_HPUE_Ant11_DSI3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	21.52	21.60	21.54	23.00
100	PI/2 BPSK	1	137	21.32	21.48	21.30	23.00
100	PI/2 BPSK	1	271	21.38	21.51	21.38	23.00
100	PI/2 BPSK	135	0	21.37	21.46	21.36	23.00
100	PI/2 BPSK	135	69	21.44	21.55	21.42	23.00
100	PI/2 BPSK	135	138	21.31	21.51	21.31	23.00
100	PI/2 BPSK	270	0	21.39	21.50	21.39	23.00
100	QPSK	1	1	21.28	21.43	21.29	23.00
100	QPSK	1	137	21.35	21.51	21.44	23.00
100	QPSK	1	271	21.39	21.49	21.30	23.00
100	QPSK	135	0	21.33	21.43	21.22	23.00
100	QPSK	135	69	21.37	21.46	21.33	23.00
100	QPSK	135	138	21.21	21.43	21.25	23.00
100	QPSK	270	0	21.27	21.49	21.39	23.00
100	16QAM	1	1	21.36	21.53	21.40	23.00
100	64QAM	1	1	20.20	20.36	20.25	22.00
100	256QAM	1	1	18.09	18.25	18.08	20.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	21.49	21.52	21.48	23.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)

80	PI/2 BPSK	1	1	21.48	21.59	21.43	23.00
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	21.42	21.51	21.44	23.00
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	21.47	21.53	21.43	23.00
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	21.42	21.54	21.50	23.00
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	21.39	21.53	21.52	23.00
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	21.45	21.52	21.44	23.00
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	21.47	21.46	21.44	23.00
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	21.45	21.51	21.41	23.00
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	21.45	21.52	21.47	23.00
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	21.43	21.50	21.46	23.00

【FR1 n77 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_Ant11_DSI4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		24.25		25.00
100	PI/2 BPSK	1	137		23.83		25.00
100	PI/2 BPSK	1	271		23.81		25.00
100	PI/2 BPSK	135	0		23.56		24.50
100	PI/2 BPSK	135	69		23.91		25.00
100	PI/2 BPSK	135	138		23.37		24.50
100	PI/2 BPSK	270	0		23.46		24.50
100	QPSK	1	1		24.21		25.00
100	QPSK	1	137		23.89		25.00
100	QPSK	1	271		23.81		25.00
100	QPSK	135	0		23.57		24.00
100	QPSK	135	69		23.78		25.00
100	QPSK	135	138		23.28		24.00
100	QPSK	270	0		23.41		24.00
100	16QAM	1	1		23.26		24.00
100	64QAM	1	1		21.67		22.50
100	256QAM	1	1		19.43		20.50
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	24.18	24.21	24.19	25.00
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	24.05	24.16	24.09	25.00
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	24.05	24.15	24.13	25.00
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	24.08	24.06	24.16	25.00
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	24.04	24.16	24.14	25.00
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	24.08	24.11	24.11	25.00
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	24.11	24.16	24.15	25.00

Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	24.10	24.15	24.14	25.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	24.05	24.09	24.17	25.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	24.08	24.16	24.05	25.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	24.04	24.12	24.12	25.00

【FR1 n77 (270)_FCC_Part 270

(3700~3980MHz)_HPUE_Ant11_DSI4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	22.63	23.05	23.03	24.50
100	PI/2 BPSK	1	137	22.35	22.85	22.72	24.50
100	PI/2 BPSK	1	271	22.45	22.91	22.80	24.50
100	PI/2 BPSK	135	0	21.88	22.41	22.25	24.00
100	PI/2 BPSK	135	69	22.45	22.92	22.86	24.50
100	PI/2 BPSK	135	138	21.90	22.42	22.38	24.00
100	PI/2 BPSK	270	0	22.01	22.51	22.34	24.00
100	QPSK	1	1	22.31	22.78	22.67	24.50
100	QPSK	1	137	22.25	22.78	22.66	24.50
100	QPSK	1	271	22.44	22.87	22.83	24.50
100	QPSK	135	0	21.41	21.85	21.68	23.50
100	QPSK	135	69	22.29	22.78	22.63	24.50
100	QPSK	135	138	21.46	21.96	21.81	23.50
100	QPSK	270	0	21.57	21.91	21.86	23.50
100	16QAM	1	1	21.48	22.02	21.91	23.50
100	64QAM	1	1	19.87	20.36	20.27	22.00
100	256QAM	1	1	17.69	18.07	18.04	20.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	22.61	22.97	22.96	24.50
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	22.55	22.91	22.91	24.50
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	22.61	23.03	22.95	24.50
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	22.52	22.92	23.01	24.50
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	22.49	22.94	22.90	24.50
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	22.50	22.99	22.99	24.50
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	22.60	22.96	22.99	24.50
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	22.52	23.01	22.94	24.50
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	22.61	23.00	23.00	24.50
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	22.51	22.98	22.88	24.50
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	22.54	22.97	23.02	24.50

【FR1 n78 (27Q)_FCC_Part 27Q
(3450~3550MHz)_Ant8_Default】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		25.35		26.00
100	PI/2 BPSK	1	137		25.21		26.00
100	PI/2 BPSK	1	271		25.12		26.00
100	PI/2 BPSK	135	0		25.28		26.00
100	PI/2 BPSK	135	69		25.31		26.00
100	PI/2 BPSK	135	138		25.18		26.00
100	PI/2 BPSK	270	0		25.24		26.00
100	QPSK	1	1		25.31		26.00
100	QPSK	1	137		25.16		26.00
100	QPSK	1	271		25.18		26.00
100	QPSK	135	0		25.28		26.00
100	QPSK	135	69		25.29		26.00
100	QPSK	135	138		25.13		26.00
100	QPSK	270	0		25.17		26.00
100	16QAM	1	1		25.26		26.00
100	64QAM	1	1		25.21		26.00
100	256QAM	1	1		23.07		24.50
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	25.26	25.31	25.27	26.00
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	25.19	25.20	25.19	26.00
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	25.15	25.30	25.21	26.00
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	25.14	25.24	25.15	26.00
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	25.19	25.25	25.25	26.00
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	25.12	25.19	25.16	26.00
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	25.18	25.18	25.25	26.00
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	25.23	25.21	25.18	26.00
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	25.13	25.17	25.18	26.00
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	25.13	25.26	25.14	26.00
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	25.12	25.24	25.18	26.00

【FR1 n78 (27O)_FCC_Part 27O
(3700~3800MHz)_Ant8_Default】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		25.17		26.00
100	PI/2 BPSK	1	137		24.74		26.00
100	PI/2 BPSK	1	271		25.06		26.00
100	PI/2 BPSK	135	0		24.86		26.00
100	PI/2 BPSK	135	69		24.88		26.00
100	PI/2 BPSK	135	138		24.85		26.00
100	PI/2 BPSK	270	0		24.87		26.00
100	QPSK	1	1		25.06		26.00

100	QPSK	1	137		24.68		26.00
100	QPSK	1	271		24.71		26.00
100	QPSK	135	0		24.69		26.00
100	QPSK	135	69		24.75		26.00
100	QPSK	135	138		24.76		26.00
100	QPSK	270	0		24.73		26.00
100	16QAM	1	1		25.11		26.00
100	64QAM	1	1		25.09		26.00
100	256QAM	1	1		22.85		23.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	25.05	25.11	25.08	26.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	24.90	25.03	24.98	26.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	24.92	25.07	24.93	26.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	25.04	25.03	24.96	26.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	25.03	24.96	24.97	26.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	24.92	24.98	24.99	26.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	25.03	24.97	24.95	26.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	24.94	25.00	24.94	26.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	25.01	25.02	25.03	26.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	24.97	24.97	25.06	26.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	24.91	25.04	24.98	26.00

【FR1 n78 (27Q)_FCC_Part 27Q

(3450~3550MHz)_Ant8_DS11】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		16.15		17.00
100	PI/2 BPSK	1	137		16.03		17.00
100	PI/2 BPSK	1	271		16.10		17.00
100	PI/2 BPSK	135	0		16.10		17.00
100	PI/2 BPSK	135	69		16.12		17.00
100	PI/2 BPSK	135	138		16.04		17.00
100	PI/2 BPSK	270	0		16.05		17.00
100	QPSK	1	1		16.13		17.00
100	QPSK	1	137		16.03		17.00
100	QPSK	1	271		16.13		17.00
100	QPSK	135	0		16.07		17.00
100	QPSK	135	69		16.13		17.00
100	QPSK	135	138		16.09		17.00
100	QPSK	270	0		16.13		17.00
100	16QAM	1	1		16.02		17.00
100	64QAM	1	1		16.05		17.00
100	256QAM	1	1		16.11		17.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	16.08	16.12	16.05	17.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	15.99	16.02	16.00	17.00
Channel				632334	633332	634332	Tune-up limit

	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	15.95	16.01	16.02	17.00
	Channel			632000	633332	634666	Tune-up limit
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	15.94	16.05	15.94	17.00
	Channel			631668	633332	635000	Tune-up limit
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	16.00	16.02	15.97	17.00
	Channel			631334	633332	635332	Tune-up limit
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	15.99	16.10	15.93	17.00
	Channel			631000	633332	635666	Tune-up limit
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	15.96	16.02	15.91	17.00
	Channel			630834	633332	635832	Tune-up limit
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	16.01	15.99	16.00	17.00
	Channel			630668	633332	636000	Tune-up limit
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	16.03	16.05	16.01	17.00
	Channel			630500	633332	636166	Tune-up limit
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	15.94	16.09	15.98	17.00
	Channel			630334	633332	636332	Tune-up limit
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	16.04	15.98	16.04	17.00

【FR1 n78 (270)_FCC_Part 270

(3700~3800MHz)_Ant8_DSI1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel				650000		
	Frequency (MHz)				3750		
100	PI/2 BPSK	1	1		16.14		17.00
100	PI/2 BPSK	1	137		16.07		17.00
100	PI/2 BPSK	1	271		16.02		17.00
100	PI/2 BPSK	135	0		16.12		17.00
100	PI/2 BPSK	135	69		16.13		17.00
100	PI/2 BPSK	135	138		16.10		17.00
100	PI/2 BPSK	270	0		16.13		17.00
100	QPSK	1	1		16.11		17.00
100	QPSK	1	137		16.03		17.00
100	QPSK	1	271		16.13		17.00
100	QPSK	135	0		16.12		17.00
100	QPSK	135	69		16.08		17.00
100	QPSK	135	138		16.03		17.00
100	QPSK	270	0		16.04		17.00
100	16QAM	1	1		16.13		17.00
100	64QAM	1	1		16.09		17.00
100	256QAM	1	1		16.12		17.00
	Channel			649668	650000	650332	Tune-up limit
	Frequency (MHz)			3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	16.08	16.11	16.07	17.00
	Channel			649334	650000	650666	Tune-up limit
	Frequency (MHz)			3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	15.99	15.98	15.98	17.00
	Channel			649000	650000	651000	Tune-up limit
	Frequency (MHz)			3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	16.01	15.97	16.03	17.00
	Channel			648668	650000	651332	Tune-up limit
	Frequency (MHz)			3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	15.98	15.96	16.05	17.00
	Channel			648334	650000	651666	Tune-up limit
	Frequency (MHz)			3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	16.01	16.00	16.01	17.00
	Channel			648000	650000	652000	Tune-up limit
	Frequency (MHz)			3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	16.02	16.00	15.95	17.00
	Channel			647668	650000	652332	Tune-up limit
	Frequency (MHz)			3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	15.99	16.08	16.06	17.00
	Channel			647500	650000	652500	Tune-up limit
	Frequency (MHz)			3712.5	3750	3787.5	(dBm)

25	PI/2 BPSK	1	1	16.04	16.05	15.97	17.00
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	16.02	16.05	15.98	17.00
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	16.02	16.07	15.98	17.00
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	16.05	15.98	15.97	17.00

【FR1 n78 (27Q)_FCC_Part 27Q

(3450~3550MHz)_Ant8_DSI5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		16.15		17.00
100	PI/2 BPSK	1	137		16.03		17.00
100	PI/2 BPSK	1	271		16.10		17.00
100	PI/2 BPSK	135	0		16.10		17.00
100	PI/2 BPSK	135	69		16.12		17.00
100	PI/2 BPSK	135	138		16.04		17.00
100	PI/2 BPSK	270	0		16.05		17.00
100	QPSK	1	1		16.13		17.00
100	QPSK	1	137		16.03		17.00
100	QPSK	1	271		16.13		17.00
100	QPSK	135	0		16.07		17.00
100	QPSK	135	69		16.13		17.00
100	QPSK	135	138		16.09		17.00
100	QPSK	270	0		16.13		17.00
100	16QAM	1	1		16.02		17.00
100	64QAM	1	1		16.05		17.00
100	256QAM	1	1		16.11		17.00
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	16.08	16.12	16.05	17.00
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	15.99	16.02	16.00	17.00
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	15.95	16.01	16.02	17.00
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	15.94	16.05	15.94	17.00
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	16.00	16.02	15.97	17.00
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	15.99	16.10	15.93	17.00
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	15.96	16.02	15.91	17.00
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	16.01	15.99	16.00	17.00
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	16.03	16.05	16.01	17.00
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	15.94	16.09	15.98	17.00
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	16.04	15.98	16.04	17.00

【FR1 n78 (270)_FCC_Part 270

(3700~3800MHz)_Ant8_DSI5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		16.14		17.00
100	PI/2 BPSK	1	137		16.07		17.00
100	PI/2 BPSK	1	271		16.02		17.00
100	PI/2 BPSK	135	0		16.12		17.00
100	PI/2 BPSK	135	69		16.13		17.00
100	PI/2 BPSK	135	138		16.10		17.00
100	PI/2 BPSK	270	0		16.13		17.00
100	QPSK	1	1		16.11		17.00
100	QPSK	1	137		16.03		17.00
100	QPSK	1	271		16.13		17.00
100	QPSK	135	0		16.12		17.00
100	QPSK	135	69		16.08		17.00
100	QPSK	135	138		16.03		17.00
100	QPSK	270	0		16.04		17.00
100	16QAM	1	1		16.13		17.00
100	64QAM	1	1		16.09		17.00
100	256QAM	1	1		16.12		17.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	16.08	16.11	16.07	17.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	15.99	15.98	15.98	17.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	16.01	15.97	16.03	17.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	15.98	15.96	16.05	17.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	16.01	16.00	16.01	17.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	16.02	16.00	15.95	17.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	15.99	16.08	16.06	17.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	16.04	16.05	15.97	17.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	16.02	16.05	15.98	17.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	16.02	16.07	15.98	17.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	16.05	15.98	15.97	17.00

【FR1 n78 (27Q)_FCC_Part 27Q

(3450~3550MHz)_Ant8_DSI3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		17.63		18.50
100	PI/2 BPSK	1	137		17.57		18.50
100	PI/2 BPSK	1	271		17.56		18.50
100	PI/2 BPSK	135	0		17.59		18.50
100	PI/2 BPSK	135	69		17.62		18.50

100	PI/2 BPSK	135	138		17.61		18.50
100	PI/2 BPSK	270	0		17.58		18.50
100	QPSK	1	1		17.61		18.50
100	QPSK	1	137		17.55		18.50
100	QPSK	1	271		17.54		18.50
100	QPSK	135	0		17.60		18.50
100	QPSK	135	69		17.62		18.50
100	QPSK	135	138		17.58		18.50
100	QPSK	270	0		17.61		18.50
100	16QAM	1	1		17.59		18.50
100	64QAM	1	1		17.58		18.50
100	256QAM	1	1		17.60		18.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	17.55	17.59	17.54	18.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	17.52	17.55	17.50	18.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	17.53	17.55	17.44	18.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	17.44	17.50	17.46	18.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	17.41	17.47	17.49	18.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	17.53	17.53	17.47	18.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	17.41	17.45	17.46	18.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	17.46	17.55	17.46	18.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	17.47	17.51	17.41	18.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	17.46	17.46	17.45	18.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	17.52	17.47	17.52	18.50

【FR1 n78 (270)_FCC_Part 270

(3700~3800MHz)_Ant8_DS13】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		17.64		18.50
100	PI/2 BPSK	1	137		17.63		18.50
100	PI/2 BPSK	1	271		17.61		18.50
100	PI/2 BPSK	135	0		17.53		18.50
100	PI/2 BPSK	135	69		17.62		18.50
100	PI/2 BPSK	135	138		17.61		18.50
100	PI/2 BPSK	270	0		17.59		18.50
100	QPSK	1	1		17.62		18.50
100	QPSK	1	137		17.58		18.50
100	QPSK	1	271		17.54		18.50
100	QPSK	135	0		17.53		18.50
100	QPSK	135	69		17.62		18.50
100	QPSK	135	138		17.57		18.50
100	QPSK	270	0		17.62		18.50
100	16QAM	1	1		17.56		18.50
100	64QAM	1	1		17.54		18.50
100	256QAM	1	1		17.60		18.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	17.52	17.58	17.55	18.50
Channel				649334	650000	650666	Tune-up limit

80	PI/2 BPSK	1	1	3740.01	3750	3759.99	(dBm)
	Channel			17.43	17.55	17.50	18.50
	Frequency (MHz)			649000	650000	651000	Tune-up limit (dBm)
70	PI/2 BPSK	1	1	3735	3750	3765	(dBm)
	Channel			17.41	17.47	17.50	18.50
	Frequency (MHz)			648668	650000	651332	Tune-up limit (dBm)
60	PI/2 BPSK	1	1	3730.02	3750	3769.98	(dBm)
	Channel			17.49	17.54	17.54	18.50
	Frequency (MHz)			648334	650000	651666	Tune-up limit (dBm)
50	PI/2 BPSK	1	1	3725.01	3750	3774.99	(dBm)
	Channel			17.38	17.47	17.41	18.50
	Frequency (MHz)			648000	650000	652000	Tune-up limit (dBm)
40	PI/2 BPSK	1	1	3720	3750	3780	(dBm)
	Channel			17.47	17.50	17.43	18.50
	Frequency (MHz)			647668	650000	652332	Tune-up limit (dBm)
30	PI/2 BPSK	1	1	3715.02	3750	3784.98	(dBm)
	Channel			17.43	17.54	17.42	18.50
	Frequency (MHz)			647500	650000	652500	Tune-up limit (dBm)
25	PI/2 BPSK	1	1	3712.5	3750	3787.5	(dBm)
	Channel			17.49	17.50	17.41	18.50
	Frequency (MHz)			647334	650000	652666	Tune-up limit (dBm)
20	PI/2 BPSK	1	1	3710.01	3750	3789.99	(dBm)
	Channel			17.40	17.55	17.53	18.50
	Frequency (MHz)			647168	650000	652832	Tune-up limit (dBm)
15	PI/2 BPSK	1	1	3707.52	3750	3792.48	(dBm)
	Channel			17.43	17.43	17.45	18.50
	Frequency (MHz)			647000	650000	653000	Tune-up limit (dBm)
10	PI/2 BPSK	1	1	3705	3750	3795	(dBm)
	Channel			17.51	17.48	17.50	18.50

【FR1 n78 (27Q)_FCC_Part 27Q

(3450~3550MHz)_Ant8_DSI4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel				633332		
	Frequency (MHz)				3499.98		
100	PI/2 BPSK	1	1		17.63		18.50
100	PI/2 BPSK	1	137		17.57		18.50
100	PI/2 BPSK	1	271		17.56		18.50
100	PI/2 BPSK	135	0		17.59		18.50
100	PI/2 BPSK	135	69		17.62		18.50
100	PI/2 BPSK	135	138		17.61		18.50
100	PI/2 BPSK	270	0		17.58		18.50
100	QPSK	1	1		17.61		18.50
100	QPSK	1	137		17.55		18.50
100	QPSK	1	271		17.54		18.50
100	QPSK	135	0		17.60		18.50
100	QPSK	135	69		17.62		18.50
100	QPSK	135	138		17.58		18.50
100	QPSK	270	0		17.61		18.50
100	16QAM	1	1		17.59		18.50
100	64QAM	1	1		17.58		18.50
100	256QAM	1	1		17.60		18.50
	Channel			633000	633332	633666	Tune-up limit (dBm)
	Frequency (MHz)			3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	17.55	17.59	17.54	18.50
	Channel			632668	633332	634000	Tune-up limit (dBm)
	Frequency (MHz)			3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	17.52	17.55	17.50	18.50
	Channel			632334	633332	634332	Tune-up limit (dBm)
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	17.53	17.55	17.44	18.50
	Channel			632000	633332	634666	Tune-up limit (dBm)
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	17.44	17.50	17.46	18.50
	Channel			631668	633332	635000	Tune-up limit (dBm)
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	17.41	17.47	17.49	18.50
	Channel			631334	633332	635332	Tune-up limit (dBm)
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	17.53	17.53	17.47	18.50
	Channel			631000	633332	635666	Tune-up limit (dBm)
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)

30	PI/2 BPSK	1	1	17.41	17.45	17.46	18.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	17.46	17.55	17.46	18.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	17.47	17.51	17.41	18.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	17.46	17.46	17.45	18.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	17.52	17.47	17.52	18.50

【FR1 n78 (270)_FCC_Part 270

(3700~3800MHz)_Ant8_DSI4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		17.64		18.50
100	PI/2 BPSK	1	137		17.63		18.50
100	PI/2 BPSK	1	271		17.61		18.50
100	PI/2 BPSK	135	0		17.53		18.50
100	PI/2 BPSK	135	69		17.62		18.50
100	PI/2 BPSK	135	138		17.61		18.50
100	PI/2 BPSK	270	0		17.59		18.50
100	QPSK	1	1		17.62		18.50
100	QPSK	1	137		17.58		18.50
100	QPSK	1	271		17.54		18.50
100	QPSK	135	0		17.53		18.50
100	QPSK	135	69		17.62		18.50
100	QPSK	135	138		17.57		18.50
100	QPSK	270	0		17.62		18.50
100	16QAM	1	1		17.56		18.50
100	64QAM	1	1		17.54		18.50
100	256QAM	1	1		17.60		18.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	17.52	17.58	17.55	18.50
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	17.43	17.55	17.50	18.50
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	17.41	17.47	17.50	18.50
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	17.49	17.54	17.54	18.50
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	17.38	17.47	17.41	18.50
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	17.47	17.50	17.43	18.50
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	17.43	17.54	17.42	18.50
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	17.49	17.50	17.41	18.50
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	17.40	17.55	17.53	18.50
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	17.43	17.43	17.45	18.50
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	17.51	17.48	17.50	18.50

【FR1 n78 (27Q)_FCC_Part 27Q
(3450~3550MHz)_HPUE_Ant8_Default】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		27.84		29.00
100	PI/2 BPSK	1	137		27.59		29.00
100	PI/2 BPSK	1	271		27.77		29.00
100	PI/2 BPSK	135	0		27.79		28.50
100	PI/2 BPSK	135	69		27.74		29.00
100	PI/2 BPSK	135	138		27.61		28.50
100	PI/2 BPSK	270	0		27.63		28.50
100	QPSK	1	1		27.65		29.00
100	QPSK	1	137		27.48		29.00
100	QPSK	1	271		27.72		29.00
100	QPSK	135	0		27.24		28.00
100	QPSK	135	69		27.58		29.00
100	QPSK	135	138		27.04		28.00
100	QPSK	270	0		27.21		28.00
100	16QAM	1	1		27.21		28.00
100	64QAM	1	1		25.55		26.50
100	256QAM	1	1		23.81		24.50
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	27.72	27.75	27.68	29.00
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	27.61	27.67	27.54	29.00
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	27.66	27.64	27.54	29.00
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	27.66	27.64	27.64	29.00
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	27.69	27.61	27.63	29.00
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	27.70	27.71	27.59	29.00
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	27.60	27.66	27.57	29.00
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	27.65	27.72	27.65	29.00
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	27.69	27.62	27.58	29.00
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	27.57	27.71	27.59	29.00
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	27.70	27.65	27.65	29.00

【FR1 n78 (27O)_FCC_Part 27O
(3700~3800MHz)_HPUE_Ant8_Default】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		27.71		29.00
100	PI/2 BPSK	1	137		27.42		29.00
100	PI/2 BPSK	1	271		27.57		29.00
100	PI/2 BPSK	135	0		27.54		28.50
100	PI/2 BPSK	135	69		27.50		29.00
100	PI/2 BPSK	135	138		27.31		28.50
100	PI/2 BPSK	270	0		27.30		28.50

100	QPSK	1	1		27.53		29.00
100	QPSK	1	137		27.53		29.00
100	QPSK	1	271		27.59		29.00
100	QPSK	135	0		26.73		28.00
100	QPSK	135	69		27.65		29.00
100	QPSK	135	138		26.63		28.00
100	QPSK	270	0		26.62		28.00
100	16QAM	1	1		27.15		28.00
100	64QAM	1	1		25.56		26.50
100	256QAM	1	1		23.52		24.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	27.59	27.62	27.55	29.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	27.47	27.47	27.50	29.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	27.51	27.51	27.49	29.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	27.46	27.57	27.45	29.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	27.55	27.59	27.50	29.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	27.44	27.58	27.50	29.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	27.50	27.52	27.51	29.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	27.57	27.51	27.45	29.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	27.47	27.53	27.48	29.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	27.46	27.61	27.41	29.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	27.45	27.59	27.47	29.00

【FR1 n78 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_Ant8_DSI1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		19.41		20.50
100	PI/2 BPSK	1	137		19.32		20.50
100	PI/2 BPSK	1	271		19.29		20.50
100	PI/2 BPSK	135	0		19.33		20.50
100	PI/2 BPSK	135	69		19.38		20.50
100	PI/2 BPSK	135	138		19.30		20.50
100	PI/2 BPSK	270	0		19.35		20.50
100	QPSK	1	1		19.32		20.50
100	QPSK	1	137		19.35		20.50
100	QPSK	1	271		19.28		20.50
100	QPSK	135	0		19.32		20.50
100	QPSK	135	69		19.28		20.50
100	QPSK	135	138		19.35		20.50
100	QPSK	270	0		19.34		20.50
100	16QAM	1	1		19.38		20.50
100	64QAM	1	1		19.27		20.50
100	256QAM	1	1		19.31		20.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	19.35	19.38	19.37	20.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	19.32	19.34	19.22	20.50

Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	19.31	19.34	19.35	20.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	19.20	19.30	19.23	20.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	19.22	19.23	19.27	20.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	19.30	19.30	19.36	20.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	19.20	19.23	19.22	20.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	19.29	19.27	19.30	20.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	19.26	19.36	19.31	20.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	19.29	19.32	19.26	20.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	19.30	19.30	19.28	20.50

【FR1 n78 (270)_FCC_Part 270

(3700~3800MHz)_HPUE_Ant8_DS11】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		19.37		20.50
100	PI/2 BPSK	1	137		19.35		20.50
100	PI/2 BPSK	1	271		19.31		20.50
100	PI/2 BPSK	135	0		19.29		20.50
100	PI/2 BPSK	135	69		19.35		20.50
100	PI/2 BPSK	135	138		19.32		20.50
100	PI/2 BPSK	270	0		19.34		20.50
100	QPSK	1	1		19.36		20.50
100	QPSK	1	137		19.35		20.50
100	QPSK	1	271		19.28		20.50
100	QPSK	135	0		19.33		20.50
100	QPSK	135	69		19.33		20.50
100	QPSK	135	138		19.33		20.50
100	QPSK	270	0		19.34		20.50
100	16QAM	1	1		19.37		20.50
100	64QAM	1	1		19.37		20.50
100	256QAM	1	1		19.29		20.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	19.28	19.31	19.30	20.50
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	19.24	19.19	19.28	20.50
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	19.21	19.17	19.16	20.50
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	19.22	19.24	19.17	20.50
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	19.26	19.24	19.21	20.50
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	19.25	19.20	19.21	20.50
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	19.17	19.21	19.17	20.50
Channel				647500	650000	652500	Tune-up limit

	Frequency (MHz)			3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	19.22	19.24	19.26	20.50
	Channel			647334	650000	652666	Tune-up limit
	Frequency (MHz)			3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	19.25	19.24	19.23	20.50
	Channel			647168	650000	652832	Tune-up limit
	Frequency (MHz)			3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	19.20	19.17	19.18	20.50
	Channel			647000	650000	653000	Tune-up limit
	Frequency (MHz)			3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	19.13	19.23	19.22	20.50

【FR1 n78 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_Ant8_DSI5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel				633332		
	Frequency (MHz)				3499.98		
100	PI/2 BPSK	1	1		19.41		20.50
100	PI/2 BPSK	1	137		19.32		20.50
100	PI/2 BPSK	1	271		19.29		20.50
100	PI/2 BPSK	135	0		19.33		20.50
100	PI/2 BPSK	135	69		19.38		20.50
100	PI/2 BPSK	135	138		19.30		20.50
100	PI/2 BPSK	270	0		19.35		20.50
100	QPSK	1	1		19.32		20.50
100	QPSK	1	137		19.35		20.50
100	QPSK	1	271		19.28		20.50
100	QPSK	135	0		19.32		20.50
100	QPSK	135	69		19.28		20.50
100	QPSK	135	138		19.35		20.50
100	QPSK	270	0		19.34		20.50
100	16QAM	1	1		19.38		20.50
100	64QAM	1	1		19.27		20.50
100	256QAM	1	1		19.31		20.50
	Channel			633000	633332	633666	Tune-up limit
	Frequency (MHz)			3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	19.35	19.38	19.37	20.50
	Channel			632668	633332	634000	Tune-up limit
	Frequency (MHz)			3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	19.32	19.34	19.22	20.50
	Channel			632334	633332	634332	Tune-up limit
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	19.31	19.34	19.35	20.50
	Channel			632000	633332	634666	Tune-up limit
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	19.20	19.30	19.23	20.50
	Channel			631668	633332	635000	Tune-up limit
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	19.22	19.23	19.27	20.50
	Channel			631334	633332	635332	Tune-up limit
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	19.30	19.30	19.36	20.50
	Channel			631000	633332	635666	Tune-up limit
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	19.20	19.23	19.22	20.50
	Channel			630834	633332	635832	Tune-up limit
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	19.29	19.27	19.30	20.50
	Channel			630668	633332	636000	Tune-up limit
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	19.26	19.36	19.31	20.50
	Channel			630500	633332	636166	Tune-up limit
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	19.29	19.32	19.26	20.50
	Channel			630334	633332	636332	Tune-up limit
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	19.30	19.30	19.28	20.50

【FR1 n78 (270)_FCC_Part 270

(3700~3800MHz)_HPUE_Ant8_DSI5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		19.37		20.50
100	PI/2 BPSK	1	137		19.35		20.50
100	PI/2 BPSK	1	271		19.31		20.50
100	PI/2 BPSK	135	0		19.29		20.50
100	PI/2 BPSK	135	69		19.35		20.50
100	PI/2 BPSK	135	138		19.32		20.50
100	PI/2 BPSK	270	0		19.34		20.50
100	QPSK	1	1		19.36		20.50
100	QPSK	1	137		19.35		20.50
100	QPSK	1	271		19.28		20.50
100	QPSK	135	0		19.33		20.50
100	QPSK	135	69		19.33		20.50
100	QPSK	135	138		19.33		20.50
100	QPSK	270	0		19.34		20.50
100	16QAM	1	1		19.37		20.50
100	64QAM	1	1		19.37		20.50
100	256QAM	1	1		19.29		20.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	19.28	19.31	19.30	20.50
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	19.24	19.19	19.28	20.50
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	19.21	19.17	19.16	20.50
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	19.22	19.24	19.17	20.50
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	19.26	19.24	19.21	20.50
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	19.25	19.20	19.21	20.50
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	19.17	19.21	19.17	20.50
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	19.22	19.24	19.26	20.50
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	19.25	19.24	19.23	20.50
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	19.20	19.17	19.18	20.50
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	19.13	19.23	19.22	20.50

【FR1 n78 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_Ant8_DSI3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		20.75		22.00
100	PI/2 BPSK	1	137		20.70		22.00
100	PI/2 BPSK	1	271		20.73		22.00
100	PI/2 BPSK	135	0		20.63		22.00
100	PI/2 BPSK	135	69		20.73		22.00
100	PI/2 BPSK	135	138		20.63		22.00

100	PI/2 BPSK	270	0		20.71		22.00
100	QPSK	1	1		20.67		22.00
100	QPSK	1	137		20.66		22.00
100	QPSK	1	271		20.69		22.00
100	QPSK	135	0		20.63		22.00
100	QPSK	135	69		20.72		22.00
100	QPSK	135	138		20.65		22.00
100	QPSK	270	0		20.69		22.00
100	16QAM	1	1		20.68		22.00
100	64QAM	1	1		20.66		22.00
100	256QAM	1	1		20.72		22.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	20.68	20.71	20.65	22.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	20.58	20.64	20.54	22.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	20.66	20.64	20.57	22.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	20.61	20.66	20.63	22.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	20.61	20.60	20.53	22.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	20.64	20.69	20.58	22.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	20.58	20.69	20.56	22.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	20.66	20.70	20.54	22.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	20.55	20.66	20.58	22.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	20.54	20.65	20.64	22.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	20.63	20.62	20.62	22.00

【FR1 n78 (270)_FCC_Part 270

(3700~3800MHz)_HPUE_Ant8_DSI3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		20.73		22.00
100	PI/2 BPSK	1	137		20.69		22.00
100	PI/2 BPSK	1	271		20.68		22.00
100	PI/2 BPSK	135	0		20.68		22.00
100	PI/2 BPSK	135	69		20.69		22.00
100	PI/2 BPSK	135	138		20.60		22.00
100	PI/2 BPSK	270	0		20.66		22.00
100	QPSK	1	1		20.68		22.00
100	QPSK	1	137		20.59		22.00
100	QPSK	1	271		20.60		22.00
100	QPSK	135	0		20.69		22.00
100	QPSK	135	69		20.59		22.00
100	QPSK	135	138		20.63		22.00
100	QPSK	270	0		20.61		22.00
100	16QAM	1	1		20.65		22.00
100	64QAM	1	1		20.68		22.00
100	256QAM	1	1		20.65		22.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	20.62	20.65	20.63	22.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)

80	PI/2 BPSK	1	1	20.51	20.62	20.55	22.00
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	20.61	20.59	20.53	22.00
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	20.51	20.50	20.62	22.00
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	20.49	20.62	20.60	22.00
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	20.60	20.62	20.62	22.00
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	20.50	20.52	20.48	22.00
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	20.56	20.61	20.53	22.00
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	20.51	20.56	20.51	22.00
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	20.57	20.53	20.53	22.00
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	20.47	20.60	20.49	22.00

【FR1 n78 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_Ant8_DSI4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		20.75		22.00
100	PI/2 BPSK	1	137		20.70		22.00
100	PI/2 BPSK	1	271		20.73		22.00
100	PI/2 BPSK	135	0		20.63		22.00
100	PI/2 BPSK	135	69		20.73		22.00
100	PI/2 BPSK	135	138		20.63		22.00
100	PI/2 BPSK	270	0		20.71		22.00
100	QPSK	1	1		20.67		22.00
100	QPSK	1	137		20.66		22.00
100	QPSK	1	271		20.69		22.00
100	QPSK	135	0		20.63		22.00
100	QPSK	135	69		20.72		22.00
100	QPSK	135	138		20.65		22.00
100	QPSK	270	0		20.69		22.00
100	16QAM	1	1		20.68		22.00
100	64QAM	1	1		20.66		22.00
100	256QAM	1	1		20.72		22.00
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	20.68	20.71	20.65	22.00
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	20.58	20.64	20.54	22.00
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	20.66	20.64	20.57	22.00
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	20.61	20.66	20.63	22.00
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	20.61	20.60	20.53	22.00
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	20.64	20.69	20.58	22.00
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	20.58	20.69	20.56	22.00

Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	20.66	20.70	20.54	22.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	20.55	20.66	20.58	22.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	20.54	20.65	20.64	22.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	20.63	20.62	20.62	22.00

【FR1 n78 (270)___FCC_Part 270

(3700~3800MHz)_HPUE_Ant8_DSI4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		20.73		22.00
100	PI/2 BPSK	1	137		20.69		22.00
100	PI/2 BPSK	1	271		20.68		22.00
100	PI/2 BPSK	135	0		20.68		22.00
100	PI/2 BPSK	135	69		20.69		22.00
100	PI/2 BPSK	135	138		20.60		22.00
100	PI/2 BPSK	270	0		20.66		22.00
100	QPSK	1	1		20.68		22.00
100	QPSK	1	137		20.59		22.00
100	QPSK	1	271		20.60		22.00
100	QPSK	135	0		20.69		22.00
100	QPSK	135	69		20.59		22.00
100	QPSK	135	138		20.63		22.00
100	QPSK	270	0		20.61		22.00
100	16QAM	1	1		20.65		22.00
100	64QAM	1	1		20.68		22.00
100	256QAM	1	1		20.65		22.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	20.62	20.65	20.63	22.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	20.51	20.62	20.55	22.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	20.61	20.59	20.53	22.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	20.51	20.50	20.62	22.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	20.49	20.62	20.60	22.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	20.60	20.62	20.62	22.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	20.50	20.52	20.48	22.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	20.56	20.61	20.53	22.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	20.51	20.56	20.51	22.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	20.57	20.53	20.53	22.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	20.47	20.60	20.49	22.00

【FR1 n78 (27Q)_FCC_Part 27Q
(3450~3550MHz)_Ant9_Default】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.62		22.50
100	PI/2 BPSK	1	137		21.57		22.50
100	PI/2 BPSK	1	271		21.61		22.50
100	PI/2 BPSK	135	0		21.56		22.50
100	PI/2 BPSK	135	69		21.58		22.50
100	PI/2 BPSK	135	138		21.57		22.50
100	PI/2 BPSK	270	0		21.54		22.50
100	QPSK	1	1		21.58		22.50
100	QPSK	1	137		21.52		22.50
100	QPSK	1	271		21.55		22.50
100	QPSK	135	0		21.59		22.50
100	QPSK	135	69		21.61		22.50
100	QPSK	135	138		21.52		22.50
100	QPSK	270	0		21.56		22.50
100	16QAM	1	1		21.52		22.50
100	64QAM	1	1		21.48		22.50
100	256QAM	1	1		19.27		20.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	21.56	21.58	21.52	22.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	21.55	21.51	21.44	22.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	21.53	21.45	21.48	22.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	21.54	21.45	21.44	22.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	21.52	21.51	21.47	22.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	21.53	21.56	21.39	22.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	21.42	21.45	21.39	22.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	21.49	21.48	21.48	22.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	21.43	21.56	21.50	22.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	21.43	21.56	21.45	22.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	21.55	21.44	21.39	22.50

【FR1 n78 (27Q)_FCC_Part 27Q
(3700~3800MHz)_Ant9_Default】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		22.03		22.50
100	PI/2 BPSK	1	137		21.63		22.50
100	PI/2 BPSK	1	271		21.67		22.50
100	PI/2 BPSK	135	0		21.78		22.50
100	PI/2 BPSK	135	69		21.79		22.50
100	PI/2 BPSK	135	138		21.67		22.50
100	PI/2 BPSK	270	0		21.75		22.50
100	QPSK	1	1		21.94		22.50

100	QPSK	1	137		21.77		22.50
100	QPSK	1	271		21.72		22.50
100	QPSK	135	0		21.72		22.50
100	QPSK	135	69		21.75		22.50
100	QPSK	135	138		21.67		22.50
100	QPSK	270	0		21.65		22.50
100	16QAM	1	1		21.93		22.50
100	64QAM	1	1		21.89		22.50
100	256QAM	1	1		19.69		20.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	21.89	21.96	21.83	22.50
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	21.87	21.94	21.84	22.50
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	21.92	21.91	21.92	22.50
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	21.89	21.88	21.86	22.50
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	21.84	21.97	21.88	22.50
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	21.89	21.97	21.83	22.50
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	21.92	21.98	21.86	22.50
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	21.93	21.88	21.83	22.50
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	21.85	21.91	21.91	22.50
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	21.91	21.94	21.82	22.50
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	21.92	21.95	21.87	22.50

【FR1 n78 (27Q)_FCC_Part 27Q

(3450~3550MHz)_Ant9_DSI1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		15.52		16.50
100	PI/2 BPSK	1	137		15.45		16.50
100	PI/2 BPSK	1	271		15.38		16.50
100	PI/2 BPSK	135	0		15.41		16.50
100	PI/2 BPSK	135	69		15.47		16.50
100	PI/2 BPSK	135	138		15.46		16.50
100	PI/2 BPSK	270	0		15.45		16.50
100	QPSK	1	1		15.38		16.50
100	QPSK	1	137		15.45		16.50
100	QPSK	1	271		15.44		16.50
100	QPSK	135	0		15.43		16.50
100	QPSK	135	69		15.49		16.50
100	QPSK	135	138		15.39		16.50
100	QPSK	270	0		15.47		16.50
100	16QAM	1	1		15.40		16.50
100	64QAM	1	1		15.49		16.50
100	256QAM	1	1		15.44		16.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	15.46	15.48	15.43	16.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	15.41	15.45	15.36	16.50
Channel				632334	633332	634332	Tune-up limit

	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	15.39	15.45	15.42	16.50
	Channel			632000	633332	634666	Tune-up limit
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	15.40	15.46	15.37	16.50
	Channel			631668	633332	635000	Tune-up limit
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	15.37	15.45	15.36	16.50
	Channel			631334	633332	635332	Tune-up limit
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	15.41	15.44	15.32	16.50
	Channel			631000	633332	635666	Tune-up limit
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	15.32	15.40	15.34	16.50
	Channel			630834	633332	635832	Tune-up limit
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	15.34	15.36	15.41	16.50
	Channel			630668	633332	636000	Tune-up limit
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	15.33	15.46	15.38	16.50
	Channel			630500	633332	636166	Tune-up limit
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	15.36	15.34	15.31	16.50
	Channel			630334	633332	636332	Tune-up limit
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	15.42	15.43	15.36	16.50

【FR1 n78 (270)_FCC_Part 270

(3700~3800MHz)_Ant9_DSI1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel				650000		
	Frequency (MHz)				3750		
100	PI/2 BPSK	1	1		15.73		16.50
100	PI/2 BPSK	1	137		15.62		16.50
100	PI/2 BPSK	1	271		15.58		16.50
100	PI/2 BPSK	135	0		15.63		16.50
100	PI/2 BPSK	135	69		15.68		16.50
100	PI/2 BPSK	135	138		15.61		16.50
100	PI/2 BPSK	270	0		15.59		16.50
100	QPSK	1	1		15.61		16.50
100	QPSK	1	137		15.66		16.50
100	QPSK	1	271		15.65		16.50
100	QPSK	135	0		15.63		16.50
100	QPSK	135	69		15.62		16.50
100	QPSK	135	138		15.66		16.50
100	QPSK	270	0		15.57		16.50
100	16QAM	1	1		15.69		16.50
100	64QAM	1	1		15.66		16.50
100	256QAM	1	1		15.65		16.50
	Channel			649668	650000	650332	Tune-up limit
	Frequency (MHz)			3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	15.62	15.68	15.65	16.50
	Channel			649334	650000	650666	Tune-up limit
	Frequency (MHz)			3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	15.49	15.63	15.54	16.50
	Channel			649000	650000	651000	Tune-up limit
	Frequency (MHz)			3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	15.53	15.66	15.55	16.50
	Channel			648668	650000	651332	Tune-up limit
	Frequency (MHz)			3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	15.53	15.64	15.56	16.50
	Channel			648334	650000	651666	Tune-up limit
	Frequency (MHz)			3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	15.56	15.63	15.60	16.50
	Channel			648000	650000	652000	Tune-up limit
	Frequency (MHz)			3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	15.60	15.62	15.59	16.50
	Channel			647668	650000	652332	Tune-up limit
	Frequency (MHz)			3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	15.47	15.62	15.64	16.50
	Channel			647500	650000	652500	Tune-up limit
	Frequency (MHz)			3712.5	3750	3787.5	(dBm)

25	PI/2 BPSK	1	1	15.48	15.55	15.58	16.50
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	15.57	15.59	15.55	16.50
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	15.52	15.59	15.53	16.50
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	15.61	15.59	15.56	16.50

【FR1 n78 (27Q)_FCC_Part 27Q

(3450~3550MHz)_Ant9_DSI5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		15.52		16.50
100	PI/2 BPSK	1	137		15.45		16.50
100	PI/2 BPSK	1	271		15.38		16.50
100	PI/2 BPSK	135	0		15.41		16.50
100	PI/2 BPSK	135	69		15.47		16.50
100	PI/2 BPSK	135	138		15.46		16.50
100	PI/2 BPSK	270	0		15.45		16.50
100	QPSK	1	1		15.38		16.50
100	QPSK	1	137		15.45		16.50
100	QPSK	1	271		15.44		16.50
100	QPSK	135	0		15.43		16.50
100	QPSK	135	69		15.49		16.50
100	QPSK	135	138		15.39		16.50
100	QPSK	270	0		15.47		16.50
100	16QAM	1	1		15.40		16.50
100	64QAM	1	1		15.49		16.50
100	256QAM	1	1		15.44		16.50
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	15.46	15.48	15.43	16.50
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	15.41	15.45	15.36	16.50
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	15.39	15.45	15.42	16.50
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	15.40	15.46	15.37	16.50
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	15.37	15.45	15.36	16.50
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	15.41	15.44	15.32	16.50
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	15.32	15.40	15.34	16.50
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	15.34	15.36	15.41	16.50
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	15.33	15.46	15.38	16.50
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	15.36	15.34	15.31	16.50
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	15.42	15.43	15.36	16.50

【FR1 n78 (270)_FCC_Part 270

(3700~3800MHz)_Ant9_DSI5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		15.73		16.50
100	PI/2 BPSK	1	137		15.62		16.50
100	PI/2 BPSK	1	271		15.58		16.50
100	PI/2 BPSK	135	0		15.63		16.50
100	PI/2 BPSK	135	69		15.68		16.50
100	PI/2 BPSK	135	138		15.61		16.50
100	PI/2 BPSK	270	0		15.59		16.50
100	QPSK	1	1		15.61		16.50
100	QPSK	1	137		15.66		16.50
100	QPSK	1	271		15.65		16.50
100	QPSK	135	0		15.63		16.50
100	QPSK	135	69		15.62		16.50
100	QPSK	135	138		15.66		16.50
100	QPSK	270	0		15.57		16.50
100	16QAM	1	1		15.69		16.50
100	64QAM	1	1		15.66		16.50
100	256QAM	1	1		15.65		16.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	15.62	15.68	15.65	16.50
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	15.49	15.63	15.54	16.50
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	15.53	15.66	15.55	16.50
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	15.53	15.64	15.56	16.50
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	15.56	15.63	15.60	16.50
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	15.60	15.62	15.59	16.50
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	15.47	15.62	15.64	16.50
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	15.48	15.55	15.58	16.50
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	15.57	15.59	15.55	16.50
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	15.52	15.59	15.53	16.50
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	15.61	15.59	15.56	16.50

【FR1 n78 (27Q)_FCC_Part 27Q

(3450~3550MHz)_Ant9_DSI3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		16.99		18.00
100	PI/2 BPSK	1	137		16.90		18.00
100	PI/2 BPSK	1	271		16.98		18.00
100	PI/2 BPSK	135	0		16.93		18.00
100	PI/2 BPSK	135	69		16.96		18.00
100	PI/2 BPSK	135	138		16.94		18.00

100	PI/2 BPSK	270	0		16.93		18.00
100	QPSK	1	1		16.88		18.00
100	QPSK	1	137		16.94		18.00
100	QPSK	1	271		16.96		18.00
100	QPSK	135	0		16.97		18.00
100	QPSK	135	69		16.91		18.00
100	QPSK	135	138		16.92		18.00
100	QPSK	270	0		16.95		18.00
100	16QAM	1	1		16.93		18.00
100	64QAM	1	1		16.98		18.00
100	256QAM	1	1		16.97		18.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	16.89	16.92	16.95	18.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	16.74	16.90	16.80	18.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	16.84	16.88	16.85	18.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	16.74	16.87	16.93	18.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	16.75	16.81	16.87	18.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	16.80	16.82	16.88	18.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	16.74	16.80	16.82	18.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	16.75	16.88	16.82	18.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	16.79	16.88	16.82	18.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	16.87	16.82	16.93	18.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	16.83	16.89	16.86	18.00

【FR1 n78 (270)_FCC_Part 270

(3700~3800MHz)_Ant9_DSI3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		17.23		18.00
100	PI/2 BPSK	1	137		17.14		18.00
100	PI/2 BPSK	1	271		17.15		18.00
100	PI/2 BPSK	135	0		17.10		18.00
100	PI/2 BPSK	135	69		17.19		18.00
100	PI/2 BPSK	135	138		17.11		18.00
100	PI/2 BPSK	270	0		17.15		18.00
100	QPSK	1	1		17.08		18.00
100	QPSK	1	137		17.10		18.00
100	QPSK	1	271		17.17		18.00
100	QPSK	135	0		17.13		18.00
100	QPSK	135	69		17.09		18.00
100	QPSK	135	138		17.11		18.00
100	QPSK	270	0		17.10		18.00
100	16QAM	1	1		17.16		18.00
100	64QAM	1	1		17.11		18.00
100	256QAM	1	1		17.17		18.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	17.21	17.21	17.18	18.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)

80	PI/2 BPSK	1	1	17.15	17.13	17.15	18.00
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	17.13	17.07	17.10	18.00
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	17.10	17.18	17.13	18.00
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	17.10	17.11	17.16	18.00
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	17.11	17.16	17.03	18.00
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	17.11	17.15	17.08	18.00
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	17.13	17.17	17.11	18.00
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	17.17	17.12	17.07	18.00
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	17.10	17.19	17.03	18.00
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	17.15	17.17	17.05	18.00

【FR1 n78 (27Q)_FCC_Part 27Q

(3450~3550MHz)_Ant9_DSI4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.62		22.50
100	PI/2 BPSK	1	137		21.57		22.50
100	PI/2 BPSK	1	271		21.61		22.50
100	PI/2 BPSK	135	0		21.56		22.50
100	PI/2 BPSK	135	69		21.58		22.50
100	PI/2 BPSK	135	138		21.57		22.50
100	PI/2 BPSK	270	0		21.54		22.50
100	QPSK	1	1		21.58		22.50
100	QPSK	1	137		21.52		22.50
100	QPSK	1	271		21.55		22.50
100	QPSK	135	0		21.59		22.50
100	QPSK	135	69		21.61		22.50
100	QPSK	135	138		21.52		22.50
100	QPSK	270	0		21.56		22.50
100	16QAM	1	1		21.52		22.50
100	64QAM	1	1		21.48		22.50
100	256QAM	1	1		19.27		20.00
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	21.56	21.58	21.52	22.50
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	21.55	21.51	21.44	22.50
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	21.53	21.45	21.48	22.50
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	21.54	21.45	21.44	22.50
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	21.52	21.51	21.47	22.50
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	21.53	21.56	21.39	22.50
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	21.42	21.45	21.39	22.50

Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	21.49	21.48	21.48	22.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	21.43	21.56	21.50	22.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	21.43	21.56	21.45	22.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	21.55	21.44	21.39	22.50

【FR1 n78 (270)___FCC_Part 270

(3700~3800MHz)_Ant9_DSI4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		22.03		22.50
100	PI/2 BPSK	1	137		21.63		22.50
100	PI/2 BPSK	1	271		21.67		22.50
100	PI/2 BPSK	135	0		21.78		22.50
100	PI/2 BPSK	135	69		21.79		22.50
100	PI/2 BPSK	135	138		21.67		22.50
100	PI/2 BPSK	270	0		21.75		22.50
100	QPSK	1	1		21.94		22.50
100	QPSK	1	137		21.77		22.50
100	QPSK	1	271		21.72		22.50
100	QPSK	135	0		21.72		22.50
100	QPSK	135	69		21.75		22.50
100	QPSK	135	138		21.67		22.50
100	QPSK	270	0		21.65		22.50
100	16QAM	1	1		21.93		22.50
100	64QAM	1	1		21.89		22.50
100	256QAM	1	1		19.69		20.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	21.89	21.96	21.83	22.50
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	21.87	21.94	21.84	22.50
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	21.92	21.91	21.92	22.50
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	21.89	21.88	21.86	22.50
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	21.84	21.97	21.88	22.50
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	21.89	21.97	21.83	22.50
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	21.92	21.98	21.86	22.50
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	21.93	21.88	21.83	22.50
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	21.85	21.91	21.91	22.50
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	21.91	21.94	21.82	22.50
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	21.92	21.95	21.87	22.50

【FR1 n78 (27Q)_FCC_Part 27Q
(3450~3550MHz)_HPUE_Ant9_Default】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		24.01		24.50
100	PI/2 BPSK	1	137		23.66		24.50
100	PI/2 BPSK	1	271		23.68		24.50
100	PI/2 BPSK	135	0		23.69		24.00
100	PI/2 BPSK	135	69		23.57		24.50
100	PI/2 BPSK	135	138		23.62		24.00
100	PI/2 BPSK	270	0		23.62		24.00
100	QPSK	1	1		23.96		24.50
100	QPSK	1	137		23.46		24.50
100	QPSK	1	271		23.69		24.50
100	QPSK	135	0		23.20		23.50
100	QPSK	135	69		23.61		24.50
100	QPSK	135	138		22.93		23.50
100	QPSK	270	0		23.15		23.50
100	16QAM	1	1		23.25		23.50
100	64QAM	1	1		21.67		22.00
100	256QAM	1	1		19.55		20.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	23.85	23.98	23.93	24.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	23.81	23.84	23.80	24.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	23.74	23.94	23.79	24.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	23.77	23.94	23.88	24.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	23.72	23.90	23.90	24.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	23.79	23.85	23.85	24.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	23.79	23.92	23.79	24.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	23.83	23.86	23.79	24.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	23.80	23.91	23.89	24.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	23.75	23.88	23.84	24.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	23.71	23.88	23.83	24.50

【FR1 n78 (27Q)_FCC_Part 27Q
(3700~3800MHz)_HPUE_Ant9_Default】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		24.22		24.50
100	PI/2 BPSK	1	137		24.17		24.50
100	PI/2 BPSK	1	271		24.12		24.50
100	PI/2 BPSK	135	0		23.04		24.00
100	PI/2 BPSK	135	69		23.63		24.50
100	PI/2 BPSK	135	138		23.36		24.00
100	PI/2 BPSK	270	0		23.61		24.00
100	QPSK	1	1		24.12		24.50

100	QPSK	1	137		24.05		24.50
100	QPSK	1	271		24.17		24.50
100	QPSK	135	0		22.84		23.50
100	QPSK	135	69		23.83		24.50
100	QPSK	135	138		23.04		23.50
100	QPSK	270	0		23.12		23.50
100	16QAM	1	1		23.10		23.50
100	64QAM	1	1		21.77		22.00
100	256QAM	1	1		19.56		20.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	24.12	24.14	23.98	24.50
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	24.11	24.09	24.04	24.50
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	24.08	24.17	23.99	24.50
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	24.09	24.08	24.00	24.50
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	24.11	24.15	24.08	24.50
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	24.12	24.13	24.06	24.50
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	24.09	24.09	23.99	24.50
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	24.10	24.17	24.06	24.50
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	24.04	24.10	24.00	24.50
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	24.13	24.11	24.05	24.50
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	24.07	24.07	24.00	24.50

【FR1 n78 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_Ant9_DSI1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		18.50		19.50
100	PI/2 BPSK	1	137		18.46		19.50
100	PI/2 BPSK	1	271		18.42		19.50
100	PI/2 BPSK	135	0		18.41		19.50
100	PI/2 BPSK	135	69		18.48		19.50
100	PI/2 BPSK	135	138		18.43		19.50
100	PI/2 BPSK	270	0		18.44		19.50
100	QPSK	1	1		18.44		19.50
100	QPSK	1	137		18.43		19.50
100	QPSK	1	271		18.44		19.50
100	QPSK	135	0		18.39		19.50
100	QPSK	135	69		18.42		19.50
100	QPSK	135	138		18.44		19.50
100	QPSK	270	0		18.41		19.50
100	16QAM	1	1		18.40		19.50
100	64QAM	1	1		18.38		19.50
100	256QAM	1	1		18.46		19.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	18.42	18.45	18.43	19.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	18.28	18.41	18.29	19.50
Channel				632334	633332	634332	Tune-up limit

	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	18.31	18.40	18.34	19.50
	Channel			632000	633332	634666	Tune-up limit
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	18.30	18.32	18.28	19.50
	Channel			631668	633332	635000	Tune-up limit
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	18.35	18.37	18.29	19.50
	Channel			631334	633332	635332	Tune-up limit
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	18.35	18.41	18.35	19.50
	Channel			631000	633332	635666	Tune-up limit
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	18.40	18.43	18.31	19.50
	Channel			630834	633332	635832	Tune-up limit
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	18.33	18.44	18.31	19.50
	Channel			630668	633332	636000	Tune-up limit
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	18.30	18.32	18.37	19.50
	Channel			630500	633332	636166	Tune-up limit
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	18.32	18.44	18.28	19.50
	Channel			630334	633332	636332	Tune-up limit
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	18.27	18.36	18.37	19.50

【FR1 n78 (270)_FCC_Part 270

(3700~3800MHz)_HPUE_Ant9_DSI1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel				650000		
	Frequency (MHz)				3750		
100	PI/2 BPSK	1	1		18.72		19.50
100	PI/2 BPSK	1	137		18.64		19.50
100	PI/2 BPSK	1	271		18.65		19.50
100	PI/2 BPSK	135	0		18.61		19.50
100	PI/2 BPSK	135	69		18.68		19.50
100	PI/2 BPSK	135	138		18.67		19.50
100	PI/2 BPSK	270	0		18.65		19.50
100	QPSK	1	1		18.59		19.50
100	QPSK	1	137		18.65		19.50
100	QPSK	1	271		18.68		19.50
100	QPSK	135	0		18.61		19.50
100	QPSK	135	69		18.67		19.50
100	QPSK	135	138		18.64		19.50
100	QPSK	270	0		18.65		19.50
100	16QAM	1	1		18.68		19.50
100	64QAM	1	1		18.58		19.50
100	256QAM	1	1		18.60		19.50
	Channel			649668	650000	650332	Tune-up limit
	Frequency (MHz)			3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	18.64	18.71	18.69	19.50
	Channel			649334	650000	650666	Tune-up limit
	Frequency (MHz)			3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	18.62	18.61	18.64	19.50
	Channel			649000	650000	651000	Tune-up limit
	Frequency (MHz)			3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	18.57	18.64	18.58	19.50
	Channel			648668	650000	651332	Tune-up limit
	Frequency (MHz)			3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	18.53	18.69	18.55	19.50
	Channel			648334	650000	651666	Tune-up limit
	Frequency (MHz)			3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	18.50	18.65	18.61	19.50
	Channel			648000	650000	652000	Tune-up limit
	Frequency (MHz)			3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	18.54	18.62	18.66	19.50
	Channel			647668	650000	652332	Tune-up limit
	Frequency (MHz)			3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	18.62	18.63	18.60	19.50
	Channel			647500	650000	652500	Tune-up limit
	Frequency (MHz)			3712.5	3750	3787.5	(dBm)

25	PI/2 BPSK	1	1	18.56	18.60	18.61	19.50
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	18.56	18.66	18.63	19.50
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	18.50	18.61	18.64	19.50
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	18.54	18.67	18.64	19.50

【FR1 n78 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_Ant9_DSI5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		18.50		19.50
100	PI/2 BPSK	1	137		18.46		19.50
100	PI/2 BPSK	1	271		18.42		19.50
100	PI/2 BPSK	135	0		18.41		19.50
100	PI/2 BPSK	135	69		18.48		19.50
100	PI/2 BPSK	135	138		18.43		19.50
100	PI/2 BPSK	270	0		18.44		19.50
100	QPSK	1	1		18.44		19.50
100	QPSK	1	137		18.43		19.50
100	QPSK	1	271		18.44		19.50
100	QPSK	135	0		18.39		19.50
100	QPSK	135	69		18.42		19.50
100	QPSK	135	138		18.44		19.50
100	QPSK	270	0		18.41		19.50
100	16QAM	1	1		18.40		19.50
100	64QAM	1	1		18.38		19.50
100	256QAM	1	1		18.46		19.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	18.42	18.45	18.43	19.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	18.28	18.41	18.29	19.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	18.31	18.40	18.34	19.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	18.30	18.32	18.28	19.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	18.35	18.37	18.29	19.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	18.35	18.41	18.35	19.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	18.40	18.43	18.31	19.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	18.33	18.44	18.31	19.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	18.30	18.32	18.37	19.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	18.32	18.44	18.28	19.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	18.27	18.36	18.37	19.50

【FR1 n78 (27O)_FCC_Part 27O

(3700~3800MHz)_HPUE_Ant9_DSI5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		18.72		19.50
100	PI/2 BPSK	1	137		18.64		19.50
100	PI/2 BPSK	1	271		18.65		19.50
100	PI/2 BPSK	135	0		18.61		19.50
100	PI/2 BPSK	135	69		18.68		19.50
100	PI/2 BPSK	135	138		18.67		19.50
100	PI/2 BPSK	270	0		18.65		19.50
100	QPSK	1	1		18.59		19.50
100	QPSK	1	137		18.65		19.50
100	QPSK	1	271		18.68		19.50
100	QPSK	135	0		18.61		19.50
100	QPSK	135	69		18.67		19.50
100	QPSK	135	138		18.64		19.50
100	QPSK	270	0		18.65		19.50
100	16QAM	1	1		18.68		19.50
100	64QAM	1	1		18.58		19.50
100	256QAM	1	1		18.60		19.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	18.64	18.71	18.69	19.50
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	18.62	18.61	18.64	19.50
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	18.57	18.64	18.58	19.50
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	18.53	18.69	18.55	19.50
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	18.50	18.65	18.61	19.50
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	18.54	18.62	18.66	19.50
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	18.62	18.63	18.60	19.50
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	18.56	18.60	18.61	19.50
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	18.56	18.66	18.63	19.50
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	18.50	18.61	18.64	19.50
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	18.54	18.67	18.64	19.50

【FR1 n78 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_Ant9_DSI3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		20.02		21.00
100	PI/2 BPSK	1	137		19.93		21.00
100	PI/2 BPSK	1	271		19.89		21.00
100	PI/2 BPSK	135	0		19.95		21.00
100	PI/2 BPSK	135	69		19.98		21.00
100	PI/2 BPSK	135	138		19.88		21.00
100	PI/2 BPSK	270	0		19.94		21.00
100	QPSK	1	1		19.93		21.00
100	QPSK	1	137		19.89		21.00
100	QPSK	1	271		19.92		21.00

100	QPSK	135	0		19.88		21.00
100	QPSK	135	69		19.93		21.00
100	QPSK	135	138		19.97		21.00
100	QPSK	270	0		19.91		21.00
100	16QAM	1	1		19.97		21.00
100	64QAM	1	1		19.93		21.00
100	256QAM	1	1		19.99		20.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	19.92	19.95	19.93	21.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	19.86	19.81	19.81	21.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	19.78	19.87	19.86	21.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	19.87	19.91	19.90	21.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	19.89	19.81	19.83	21.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	19.85	19.92	19.81	21.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	19.88	19.85	19.90	21.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	19.79	19.92	19.85	21.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	19.86	19.85	19.89	21.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	19.80	19.87	19.91	21.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	19.79	19.82	19.83	21.00

【FR1 n78 (270)_FCC_Part 270

(3700~3800MHz)_HPUE_Ant9_DSI3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		20.19		21.00
100	PI/2 BPSK	1	137		20.17		21.00
100	PI/2 BPSK	1	271		20.13		21.00
100	PI/2 BPSK	135	0		20.13		21.00
100	PI/2 BPSK	135	69		20.15		21.00
100	PI/2 BPSK	135	138		20.12		21.00
100	PI/2 BPSK	270	0		20.11		21.00
100	QPSK	1	1		20.09		21.00
100	QPSK	1	137		20.13		21.00
100	QPSK	1	271		20.16		21.00
100	QPSK	135	0		20.09		21.00
100	QPSK	135	69		20.13		21.00
100	QPSK	135	138		20.09		21.00
100	QPSK	270	0		20.11		21.00
100	16QAM	1	1		20.14		21.00
100	64QAM	1	1		20.10		21.00
100	256QAM	1	1		19.12		20.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	20.11	20.15	20.13	21.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	19.97	20.12	20.01	21.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	20.01	20.04	20.08	21.00

Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	20.01	20.08	20.05	21.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	20.06	20.08	20.08	21.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	20.06	20.14	20.03	21.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	20.02	20.02	20.01	21.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	20.03	20.01	20.02	21.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	20.06	20.13	20.11	21.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	19.98	20.05	20.10	21.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	19.97	20.13	20.10	21.00

【FR1 n78 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_Ant9_DSI4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		24.01		24.50
100	PI/2 BPSK	1	137		23.66		24.50
100	PI/2 BPSK	1	271		23.68		24.50
100	PI/2 BPSK	135	0		23.69		24.00
100	PI/2 BPSK	135	69		23.57		24.50
100	PI/2 BPSK	135	138		23.62		24.00
100	PI/2 BPSK	270	0		23.62		24.00
100	QPSK	1	1		23.96		24.50
100	QPSK	1	137		23.46		24.50
100	QPSK	1	271		23.69		24.50
100	QPSK	135	0		23.20		23.50
100	QPSK	135	69		23.61		24.50
100	QPSK	135	138		22.93		23.50
100	QPSK	270	0		23.15		23.50
100	16QAM	1	1		23.25		23.50
100	64QAM	1	1		21.67		22.00
100	256QAM	1	1		19.55		20.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	23.85	23.98	23.93	24.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	23.81	23.84	23.80	24.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	23.74	23.94	23.79	24.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	23.77	23.94	23.88	24.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	23.72	23.90	23.90	24.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	23.79	23.85	23.85	24.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	23.79	23.92	23.79	24.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	23.83	23.86	23.79	24.50
Channel				630668	633332	636000	Tune-up limit

	Frequency (MHz)			3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	23.80	23.91	23.89	24.50
	Channel			630500	633332	636166	Tune-up limit
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	23.75	23.88	23.84	24.50
	Channel			630334	633332	636332	Tune-up limit
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	23.71	23.88	23.83	24.50

【FR1 n78 (270)_FCC_Part 270

(3700~3800MHz)_HPUE_Ant9_DS14】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel				650000		
	Frequency (MHz)				3750		
100	PI/2 BPSK	1	1		24.22		24.50
100	PI/2 BPSK	1	137		24.17		24.50
100	PI/2 BPSK	1	271		24.12		24.50
100	PI/2 BPSK	135	0		23.04		24.00
100	PI/2 BPSK	135	69		23.63		24.50
100	PI/2 BPSK	135	138		23.36		24.00
100	PI/2 BPSK	270	0		23.61		24.00
100	QPSK	1	1		24.12		24.50
100	QPSK	1	137		24.05		24.50
100	QPSK	1	271		24.17		24.50
100	QPSK	135	0		22.84		23.50
100	QPSK	135	69		23.83		24.50
100	QPSK	135	138		23.04		23.50
100	QPSK	270	0		23.12		23.50
100	16QAM	1	1		23.10		23.50
100	64QAM	1	1		21.77		22.00
100	256QAM	1	1		19.56		20.00
	Channel			649668	650000	650332	Tune-up limit
	Frequency (MHz)			3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	24.12	24.14	23.98	24.50
	Channel			649334	650000	650666	Tune-up limit
	Frequency (MHz)			3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	24.11	24.09	24.04	24.50
	Channel			649000	650000	651000	Tune-up limit
	Frequency (MHz)			3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	24.08	24.17	23.99	24.50
	Channel			648668	650000	651332	Tune-up limit
	Frequency (MHz)			3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	24.09	24.08	24.00	24.50
	Channel			648334	650000	651666	Tune-up limit
	Frequency (MHz)			3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	24.11	24.15	24.08	24.50
	Channel			648000	650000	652000	Tune-up limit
	Frequency (MHz)			3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	24.12	24.13	24.06	24.50
	Channel			647668	650000	652332	Tune-up limit
	Frequency (MHz)			3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	24.09	24.09	23.99	24.50
	Channel			647500	650000	652500	Tune-up limit
	Frequency (MHz)			3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	24.10	24.17	24.06	24.50
	Channel			647334	650000	652666	Tune-up limit
	Frequency (MHz)			3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	24.04	24.10	24.00	24.50
	Channel			647168	650000	652832	Tune-up limit
	Frequency (MHz)			3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	24.13	24.11	24.05	24.50
	Channel			647000	650000	653000	Tune-up limit
	Frequency (MHz)			3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	24.07	24.07	24.00	24.50

【FR1 n78 (27Q)_FCC_Part 27Q
(3450~3550MHz)_Ant10_Default】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		25.23		26.00
100	PI/2 BPSK	1	137		25.21		26.00
100	PI/2 BPSK	1	271		25.16		26.00
100	PI/2 BPSK	135	0		25.17		26.00
100	PI/2 BPSK	135	69		25.21		26.00
100	PI/2 BPSK	135	138		25.13		26.00
100	PI/2 BPSK	270	0		25.18		26.00
100	QPSK	1	1		25.21		26.00
100	QPSK	1	137		25.09		26.00
100	QPSK	1	271		25.14		26.00
100	QPSK	135	0		25.19		26.00
100	QPSK	135	69		25.14		26.00
100	QPSK	135	138		25.18		26.00
100	QPSK	270	0		25.16		26.00
100	16QAM	1	1		25.15		26.00
100	64QAM	1	1		25.08		26.00
100	256QAM	1	1		22.83		23.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	25.18	25.21	25.15	26.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	25.07	25.17	25.01	26.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	25.11	25.16	25.01	26.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	25.17	25.17	25.05	26.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	25.10	25.09	25.06	26.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	25.03	25.14	25.04	26.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	25.12	25.09	25.07	26.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	25.10	25.13	25.01	26.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	25.10	25.16	25.05	26.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	25.16	25.16	25.02	26.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	25.07	25.17	25.04	26.00

【FR1 n78 (27O)_FCC_Part 27O
(3700~3800MHz)_Ant10_Default】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		25.13		26.00
100	PI/2 BPSK	1	137		25.07		26.00
100	PI/2 BPSK	1	271		25.04		26.00
100	PI/2 BPSK	135	0		25.11		26.00
100	PI/2 BPSK	135	69		25.12		26.00
100	PI/2 BPSK	135	138		25.10		26.00

100	PI/2 BPSK	270	0		25.10		26.00
100	QPSK	1	1		25.12		26.00
100	QPSK	1	137		25.00		26.00
100	QPSK	1	271		25.01		26.00
100	QPSK	135	0		25.08		26.00
100	QPSK	135	69		25.09		26.00
100	QPSK	135	138		25.04		26.00
100	QPSK	270	0		25.13		26.00
100	16QAM	1	1		25.03		26.00
100	64QAM	1	1		24.99		26.00
100	256QAM	1	1		22.77		23.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	25.05	25.08	25.03	26.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	24.90	24.95	25.00	26.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	25.01	25.04	24.96	26.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	25.00	24.98	24.98	26.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	24.92	25.00	25.02	26.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	25.02	25.05	24.94	26.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	25.02	25.07	24.93	26.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	24.99	25.00	24.90	26.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	25.02	25.03	24.95	26.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	24.97	25.00	25.00	26.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	24.93	24.94	24.98	26.00

【FR1 n78 (27Q)_FCC_Part 27Q

(3450~3550MHz)_Ant10_DSI1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		12.44		13.50
100	PI/2 BPSK	1	137		12.32		13.50
100	PI/2 BPSK	1	271		12.42		13.50
100	PI/2 BPSK	135	0		12.33		13.50
100	PI/2 BPSK	135	69		12.43		13.50
100	PI/2 BPSK	135	138		12.38		13.50
100	PI/2 BPSK	270	0		12.39		13.50
100	QPSK	1	1		12.35		13.50
100	QPSK	1	137		12.34		13.50
100	QPSK	1	271		12.34		13.50
100	QPSK	135	0		12.39		13.50
100	QPSK	135	69		12.39		13.50
100	QPSK	135	138		12.35		13.50
100	QPSK	270	0		12.36		13.50
100	16QAM	1	1		12.37		13.50
100	64QAM	1	1		12.33		13.50
100	256QAM	1	1		12.35		13.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	12.34	12.37	12.41	13.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)

80	PI/2 BPSK	1	1	12.21	12.23	12.27	13.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	12.33	12.29	12.40	13.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	12.20	12.23	12.33	13.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	12.27	12.26	12.39	13.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	12.27	12.28	12.38	13.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	12.31	12.32	12.39	13.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	12.33	12.31	12.33	13.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	12.24	12.31	12.30	13.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	12.25	12.35	12.31	13.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	12.26	12.23	12.26	13.50

【FR1 n78 (270)_FCC_Part 270

(3700~3800MHz)_Ant10_DSI1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		12.35		13.50
100	PI/2 BPSK	1	137		12.31		13.50
100	PI/2 BPSK	1	271		12.25		13.50
100	PI/2 BPSK	135	0		12.31		13.50
100	PI/2 BPSK	135	69		12.33		13.50
100	PI/2 BPSK	135	138		12.26		13.50
100	PI/2 BPSK	270	0		12.25		13.50
100	QPSK	1	1		12.23		13.50
100	QPSK	1	137		12.27		13.50
100	QPSK	1	271		12.26		13.50
100	QPSK	135	0		12.24		13.50
100	QPSK	135	69		12.25		13.50
100	QPSK	135	138		12.33		13.50
100	QPSK	270	0		12.27		13.50
100	16QAM	1	1		12.26		13.50
100	64QAM	1	1		12.28		13.50
100	256QAM	1	1		12.27		13.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	12.18	12.32	12.26	13.50
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	12.08	12.22	12.15	13.50
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	12.10	12.30	12.22	13.50
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	12.11	12.18	12.11	13.50
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	12.17	12.25	12.15	13.50
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	12.04	12.25	12.18	13.50
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	12.14	12.26	12.19	13.50

Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	12.14	12.25	12.12	13.50
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	12.14	12.22	12.25	13.50
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	12.11	12.29	12.20	13.50
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	12.16	12.17	12.20	13.50

【FR1 n78 (27Q)_FCC_Part 27Q

(3450~3550MHz)_Ant10_DSI5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		12.44		13.50
100	PI/2 BPSK	1	137		12.32		13.50
100	PI/2 BPSK	1	271		12.42		13.50
100	PI/2 BPSK	135	0		12.33		13.50
100	PI/2 BPSK	135	69		12.43		13.50
100	PI/2 BPSK	135	138		12.38		13.50
100	PI/2 BPSK	270	0		12.39		13.50
100	QPSK	1	1		12.35		13.50
100	QPSK	1	137		12.34		13.50
100	QPSK	1	271		12.34		13.50
100	QPSK	135	0		12.39		13.50
100	QPSK	135	69		12.39		13.50
100	QPSK	135	138		12.35		13.50
100	QPSK	270	0		12.36		13.50
100	16QAM	1	1		12.37		13.50
100	64QAM	1	1		12.33		13.50
100	256QAM	1	1		12.35		13.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	12.34	12.37	12.41	13.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	12.21	12.23	12.27	13.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	12.33	12.29	12.40	13.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	12.20	12.23	12.33	13.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	12.27	12.26	12.39	13.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	12.27	12.28	12.38	13.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	12.31	12.32	12.39	13.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	12.33	12.31	12.33	13.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	12.24	12.31	12.30	13.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	12.25	12.35	12.31	13.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	12.26	12.23	12.26	13.50

【FR1 n78 (270)_FCC_Part 270
(3700~3800MHz)_Ant10_DSI5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		12.35		13.50
100	PI/2 BPSK	1	137		12.31		13.50
100	PI/2 BPSK	1	271		12.25		13.50
100	PI/2 BPSK	135	0		12.31		13.50
100	PI/2 BPSK	135	69		12.33		13.50
100	PI/2 BPSK	135	138		12.26		13.50
100	PI/2 BPSK	270	0		12.25		13.50
100	QPSK	1	1		12.23		13.50
100	QPSK	1	137		12.27		13.50
100	QPSK	1	271		12.26		13.50
100	QPSK	135	0		12.24		13.50
100	QPSK	135	69		12.25		13.50
100	QPSK	135	138		12.33		13.50
100	QPSK	270	0		12.27		13.50
100	16QAM	1	1		12.26		13.50
100	64QAM	1	1		12.28		13.50
100	256QAM	1	1		12.27		13.50
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	12.18	12.32	12.26	13.50
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	12.08	12.22	12.15	13.50
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	12.10	12.30	12.22	13.50
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	12.11	12.18	12.11	13.50
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	12.17	12.25	12.15	13.50
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	12.04	12.25	12.18	13.50
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	12.14	12.26	12.19	13.50
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	12.14	12.25	12.12	13.50
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	12.14	12.22	12.25	13.50
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	12.11	12.29	12.20	13.50
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	12.16	12.17	12.20	13.50

【FR1 n78 (27Q)_FCC_Part 27Q
(3450~3550MHz)_Ant10_DSI3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		16.05		17.00
100	PI/2 BPSK	1	137		15.98		17.00
100	PI/2 BPSK	1	271		15.83		17.00
100	PI/2 BPSK	135	0		15.87		17.00
100	PI/2 BPSK	135	69		16.03		17.00
100	PI/2 BPSK	135	138		15.93		17.00
100	PI/2 BPSK	270	0		16.01		17.00
100	QPSK	1	1		15.86		17.00

100	QPSK	1	137		15.94		17.00
100	QPSK	1	271		15.91		17.00
100	QPSK	135	0		15.91		17.00
100	QPSK	135	69		15.94		17.00
100	QPSK	135	138		15.98		17.00
100	QPSK	270	0		15.97		17.00
100	16QAM	1	1		16.02		17.00
100	64QAM	1	1		15.92		17.00
100	256QAM	1	1		16.02		17.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	15.96	15.98	15.97	17.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	15.84	15.94	15.94	17.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	15.83	15.84	15.88	17.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	15.92	15.84	15.94	17.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	15.88	15.88	15.84	17.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	15.87	15.83	15.91	17.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	15.92	15.92	15.87	17.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	15.88	15.91	15.88	17.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	15.84	15.86	15.94	17.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	15.90	15.92	15.94	17.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	15.93	15.93	15.90	17.00

【FR1 n78 (270)_FCC_Part 270

(3700~3800MHz)_Ant10_DSI3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		15.97		17.00
100	PI/2 BPSK	1	137		15.95		17.00
100	PI/2 BPSK	1	271		15.80		17.00
100	PI/2 BPSK	135	0		15.90		17.00
100	PI/2 BPSK	135	69		15.95		17.00
100	PI/2 BPSK	135	138		15.87		17.00
100	PI/2 BPSK	270	0		15.89		17.00
100	QPSK	1	1		15.83		17.00
100	QPSK	1	137		15.84		17.00
100	QPSK	1	271		15.85		17.00
100	QPSK	135	0		15.86		17.00
100	QPSK	135	69		15.91		17.00
100	QPSK	135	138		15.94		17.00
100	QPSK	270	0		15.92		17.00
100	16QAM	1	1		15.87		17.00
100	64QAM	1	1		15.98		17.00
100	256QAM	1	1		15.96		17.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	15.92	15.95	15.94	17.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	15.89	15.90	15.90	17.00
Channel				649000	650000	651000	Tune-up limit

	Frequency (MHz)			3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	15.82	15.89	15.79	17.00
	Channel			648668	650000	651332	Tune-up limit
	Frequency (MHz)			3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	15.84	15.94	15.83	17.00
	Channel			648334	650000	651666	Tune-up limit
	Frequency (MHz)			3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	15.89	15.84	15.81	17.00
	Channel			648000	650000	652000	Tune-up limit
	Frequency (MHz)			3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	15.78	15.93	15.90	17.00
	Channel			647668	650000	652332	Tune-up limit
	Frequency (MHz)			3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	15.80	15.81	15.81	17.00
	Channel			647500	650000	652500	Tune-up limit
	Frequency (MHz)			3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	15.86	15.86	15.90	17.00
	Channel			647334	650000	652666	Tune-up limit
	Frequency (MHz)			3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	15.83	15.82	15.91	17.00
	Channel			647168	650000	652832	Tune-up limit
	Frequency (MHz)			3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	15.91	15.86	15.87	17.00
	Channel			647000	650000	653000	Tune-up limit
	Frequency (MHz)			3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	15.80	15.91	15.81	17.00

【FR1 n78 (27Q)_FCC_Part 27Q
(3450~3550MHz)_Ant10_DSI4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel				633332		
	Frequency (MHz)				3499.98		
100	PI/2 BPSK	1	1		25.23		26.00
100	PI/2 BPSK	1	137		25.21		26.00
100	PI/2 BPSK	1	271		25.16		26.00
100	PI/2 BPSK	135	0		25.17		26.00
100	PI/2 BPSK	135	69		25.21		26.00
100	PI/2 BPSK	135	138		25.13		26.00
100	PI/2 BPSK	270	0		25.18		26.00
100	QPSK	1	1		25.21		26.00
100	QPSK	1	137		25.09		26.00
100	QPSK	1	271		25.14		26.00
100	QPSK	135	0		25.19		26.00
100	QPSK	135	69		25.14		26.00
100	QPSK	135	138		25.18		26.00
100	QPSK	270	0		25.16		26.00
100	16QAM	1	1		25.15		26.00
100	64QAM	1	1		25.08		26.00
100	256QAM	1	1		22.83		23.50
	Channel			633000	633332	633666	Tune-up limit
	Frequency (MHz)			3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	25.18	25.21	25.15	26.00
	Channel			632668	633332	634000	Tune-up limit
	Frequency (MHz)			3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	25.07	25.17	25.01	26.00
	Channel			632334	633332	634332	Tune-up limit
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	25.11	25.16	25.01	26.00
	Channel			632000	633332	634666	Tune-up limit
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	25.17	25.17	25.05	26.00
	Channel			631668	633332	635000	Tune-up limit
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	25.10	25.09	25.06	26.00
	Channel			631334	633332	635332	Tune-up limit
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	25.03	25.14	25.04	26.00
	Channel			631000	633332	635666	Tune-up limit
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	25.12	25.09	25.07	26.00
	Channel			630834	633332	635832	Tune-up limit
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)

25	PI/2 BPSK	1	1	25.10	25.13	25.01	26.00
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	25.10	25.16	25.05	26.00
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	25.16	25.16	25.02	26.00
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	25.07	25.17	25.04	26.00

【FR1 n78 (270)_FCC_Part 270

(3700~3800MHz)_Ant10_DSI4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		25.13		26.00
100	PI/2 BPSK	1	137		25.07		26.00
100	PI/2 BPSK	1	271		25.04		26.00
100	PI/2 BPSK	135	0		25.11		26.00
100	PI/2 BPSK	135	69		25.12		26.00
100	PI/2 BPSK	135	138		25.10		26.00
100	PI/2 BPSK	270	0		25.10		26.00
100	QPSK	1	1		25.12		26.00
100	QPSK	1	137		25.00		26.00
100	QPSK	1	271		25.01		26.00
100	QPSK	135	0		25.08		26.00
100	QPSK	135	69		25.09		26.00
100	QPSK	135	138		25.04		26.00
100	QPSK	270	0		25.13		26.00
100	16QAM	1	1		25.03		26.00
100	64QAM	1	1		24.99		26.00
100	256QAM	1	1		22.77		23.50
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	25.05	25.08	25.03	26.00
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	24.90	24.95	25.00	26.00
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	25.01	25.04	24.96	26.00
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	25.00	24.98	24.98	26.00
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	24.92	25.00	25.02	26.00
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	25.02	25.05	24.94	26.00
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	25.02	25.07	24.93	26.00
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	24.99	25.00	24.90	26.00
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	25.02	25.03	24.95	26.00
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	24.97	25.00	25.00	26.00
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	24.93	24.94	24.98	26.00

【FR1 n78 (27Q)_FCC_Part 27Q

[(3450~3550MHz)_HPUE_Ant10_Default]

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		27.48		28.50
100	PI/2 BPSK	1	137		27.04		28.50
100	PI/2 BPSK	1	271		27.12		28.50
100	PI/2 BPSK	135	0		27.16		28.00
100	PI/2 BPSK	135	69		27.42		28.50
100	PI/2 BPSK	135	138		27.17		28.00
100	PI/2 BPSK	270	0		27.22		28.00
100	QPSK	1	1		27.42		28.50
100	QPSK	1	137		27.00		28.50
100	QPSK	1	271		27.25		28.50
100	QPSK	135	0		26.80		27.50
100	QPSK	135	69		26.99		28.50
100	QPSK	135	138		26.46		27.50
100	QPSK	270	0		26.65		27.50
100	16QAM	1	1		26.85		27.50
100	64QAM	1	1		25.31		26.00
100	256QAM	1	1		23.38		24.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	27.42	27.45	27.41	28.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	27.27	27.33	27.30	28.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	27.35	27.36	27.35	28.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	27.33	27.35	27.38	28.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	27.32	27.30	27.28	28.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	27.29	27.37	27.30	28.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	27.39	27.36	27.27	28.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	27.35	27.38	27.36	28.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	27.33	27.41	27.38	28.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	27.38	27.40	27.35	28.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	27.39	27.43	27.30	28.50

【FR1 n78 (270)_FCC_Part 270
[(3700~3800MHz)_HPUE_Ant10_Default]

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		27.63		28.50
100	PI/2 BPSK	1	137		27.13		28.50
100	PI/2 BPSK	1	271		27.27		28.50
100	PI/2 BPSK	135	0		27.15		28.00
100	PI/2 BPSK	135	69		27.51		28.50
100	PI/2 BPSK	135	138		27.21		28.00
100	PI/2 BPSK	270	0		27.33		28.00
100	QPSK	1	1		27.53		28.50
100	QPSK	1	137		27.16		28.50
100	QPSK	1	271		27.34		28.50

100	QPSK	135	0		26.88		27.50
100	QPSK	135	69		27.15		28.50
100	QPSK	135	138		26.60		27.50
100	QPSK	270	0		26.75		27.50
100	16QAM	1	1		27.02		27.50
100	64QAM	1	1		25.36		26.00
100	256QAM	1	1		23.48		24.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	27.54	27.61	27.58	28.50
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	27.41	27.55	27.43	28.50
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	27.40	27.58	27.43	28.50
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	27.46	27.50	27.45	28.50
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	27.41	27.46	27.50	28.50
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	27.52	27.52	27.53	28.50
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	27.45	27.57	27.43	28.50
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	27.45	27.53	27.49	28.50
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	27.52	27.59	27.54	28.50
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	27.44	27.48	27.57	28.50
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	27.43	27.54	27.50	28.50

【FR1 n78 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_Ant10_DSI1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		15.45		16.50
100	PI/2 BPSK	1	137		15.35		16.50
100	PI/2 BPSK	1	271		15.37		16.50
100	PI/2 BPSK	135	0		15.35		16.50
100	PI/2 BPSK	135	69		15.43		16.50
100	PI/2 BPSK	135	138		15.40		16.50
100	PI/2 BPSK	270	0		15.42		16.50
100	QPSK	1	1		15.36		16.50
100	QPSK	1	137		15.36		16.50
100	QPSK	1	271		15.42		16.50
100	QPSK	135	0		15.38		16.50
100	QPSK	135	69		15.41		16.50
100	QPSK	135	138		15.37		16.50
100	QPSK	270	0		15.38		16.50
100	16QAM	1	1		15.40		16.50
100	64QAM	1	1		15.40		16.50
100	256QAM	1	1		15.35		16.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	15.28	15.37	15.34	16.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	15.19	15.32	15.24	16.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	15.24	15.36	15.33	16.50

	Channel			632000	633332	634666	Tune-up limit
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	15.20	15.26	15.27	16.50
	Channel			631668	633332	635000	Tune-up limit
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	15.17	15.35	15.26	16.50
	Channel			631334	633332	635332	Tune-up limit
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	15.20	15.34	15.33	16.50
	Channel			631000	633332	635666	Tune-up limit
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	15.26	15.36	15.22	16.50
	Channel			630834	633332	635832	Tune-up limit
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	15.25	15.28	15.24	16.50
	Channel			630668	633332	636000	Tune-up limit
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	15.21	15.30	15.30	16.50
	Channel			630500	633332	636166	Tune-up limit
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	15.25	15.30	15.29	16.50
	Channel			630334	633332	636332	Tune-up limit
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	15.23	15.27	15.27	16.50

【FR1 n78 (270)_FCC_Part 270

(3700~3800MHz)_HPUE_Ant10_DSI1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel				650000		
	Frequency (MHz)				3750		
100	PI/2 BPSK	1	1		15.35		16.50
100	PI/2 BPSK	1	137		15.25		16.50
100	PI/2 BPSK	1	271		15.24		16.50
100	PI/2 BPSK	135	0		15.31		16.50
100	PI/2 BPSK	135	69		15.32		16.50
100	PI/2 BPSK	135	138		15.24		16.50
100	PI/2 BPSK	270	0		15.25		16.50
100	QPSK	1	1		15.30		16.50
100	QPSK	1	137		15.26		16.50
100	QPSK	1	271		15.24		16.50
100	QPSK	135	0		15.33		16.50
100	QPSK	135	69		15.25		16.50
100	QPSK	135	138		15.32		16.50
100	QPSK	270	0		15.30		16.50
100	16QAM	1	1		15.28		16.50
100	64QAM	1	1		15.33		16.50
100	256QAM	1	1		15.29		16.50
	Channel			649668	650000	650332	Tune-up limit
	Frequency (MHz)			3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	15.28	15.31	15.30	16.50
	Channel			649334	650000	650666	Tune-up limit
	Frequency (MHz)			3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	15.25	15.19	15.21	16.50
	Channel			649000	650000	651000	Tune-up limit
	Frequency (MHz)			3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	15.13	15.27	15.24	16.50
	Channel			648668	650000	651332	Tune-up limit
	Frequency (MHz)			3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	15.14	15.26	15.26	16.50
	Channel			648334	650000	651666	Tune-up limit
	Frequency (MHz)			3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	15.13	15.19	15.24	16.50
	Channel			648000	650000	652000	Tune-up limit
	Frequency (MHz)			3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	15.26	15.21	15.19	16.50
	Channel			647668	650000	652332	Tune-up limit
	Frequency (MHz)			3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	15.21	15.24	15.20	16.50
	Channel			647500	650000	652500	Tune-up limit
	Frequency (MHz)			3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	15.20	15.24	15.17	16.50
	Channel			647334	650000	652666	Tune-up limit

Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	15.14	15.24	15.22	16.50
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	15.17	15.27	15.18	16.50
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	15.16	15.17	15.22	16.50

【FR1 n78 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_Ant10_DSI5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		15.45		16.50
100	PI/2 BPSK	1	137		15.35		16.50
100	PI/2 BPSK	1	271		15.37		16.50
100	PI/2 BPSK	135	0		15.35		16.50
100	PI/2 BPSK	135	69		15.43		16.50
100	PI/2 BPSK	135	138		15.40		16.50
100	PI/2 BPSK	270	0		15.42		16.50
100	QPSK	1	1		15.36		16.50
100	QPSK	1	137		15.36		16.50
100	QPSK	1	271		15.42		16.50
100	QPSK	135	0		15.38		16.50
100	QPSK	135	69		15.41		16.50
100	QPSK	135	138		15.37		16.50
100	QPSK	270	0		15.38		16.50
100	16QAM	1	1		15.40		16.50
100	64QAM	1	1		15.40		16.50
100	256QAM	1	1		15.35		16.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	15.28	15.37	15.34	16.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	15.19	15.32	15.24	16.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	15.24	15.36	15.33	16.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	15.20	15.26	15.27	16.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	15.17	15.35	15.26	16.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	15.20	15.34	15.33	16.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	15.26	15.36	15.22	16.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	15.25	15.28	15.24	16.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	15.21	15.30	15.30	16.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	15.25	15.30	15.29	16.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	15.23	15.27	15.27	16.50

【FR1 n78 (270)___FCC_Part 27O
(3700~3800MHz)_HPUE_Ant10_DSI5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		15.35		16.50
100	PI/2 BPSK	1	137		15.25		16.50
100	PI/2 BPSK	1	271		15.24		16.50
100	PI/2 BPSK	135	0		15.31		16.50
100	PI/2 BPSK	135	69		15.32		16.50
100	PI/2 BPSK	135	138		15.24		16.50
100	PI/2 BPSK	270	0		15.25		16.50
100	QPSK	1	1		15.30		16.50
100	QPSK	1	137		15.26		16.50
100	QPSK	1	271		15.24		16.50
100	QPSK	135	0		15.33		16.50
100	QPSK	135	69		15.25		16.50
100	QPSK	135	138		15.32		16.50
100	QPSK	270	0		15.30		16.50
100	16QAM	1	1		15.28		16.50
100	64QAM	1	1		15.33		16.50
100	256QAM	1	1		15.29		16.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	15.28	15.31	15.30	16.50
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	15.25	15.19	15.21	16.50
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	15.13	15.27	15.24	16.50
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	15.14	15.26	15.26	16.50
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	15.13	15.19	15.24	16.50
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	15.26	15.21	15.19	16.50
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	15.21	15.24	15.20	16.50
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	15.20	15.24	15.17	16.50
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	15.14	15.24	15.22	16.50
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	15.17	15.27	15.18	16.50
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	15.16	15.17	15.22	16.50

【FR1 n78 (27Q)___FCC_Part 27Q
(3450~3550MHz)_HPUE_Ant10_DSI3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		19.03		20.00
100	PI/2 BPSK	1	137		19.02		20.00
100	PI/2 BPSK	1	271		18.91		20.00
100	PI/2 BPSK	135	0		19.00		20.00
100	PI/2 BPSK	135	69		19.02		20.00
100	PI/2 BPSK	135	138		18.94		20.00
100	PI/2 BPSK	270	0		18.98		20.00

100	QPSK	1	1		18.96		20.00
100	QPSK	1	137		18.93		20.00
100	QPSK	1	271		18.94		20.00
100	QPSK	135	0		18.97		20.00
100	QPSK	135	69		18.94		20.00
100	QPSK	135	138		18.97		20.00
100	QPSK	270	0		18.88		20.00
100	16QAM	1	1		18.92		20.00
100	64QAM	1	1		18.92		20.00
100	256QAM	1	1		18.91		20.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	18.95	19.01	18.99	20.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	18.89	18.88	18.97	20.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	18.93	18.96	18.95	20.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	18.83	18.87	18.93	20.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	18.90	18.98	18.84	20.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	18.89	18.99	18.93	20.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	18.85	18.89	18.97	20.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	18.84	18.87	18.93	20.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	18.92	18.95	18.87	20.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	18.90	18.91	18.96	20.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	18.81	18.87	18.86	20.00

【FR1 n78 (270)_FCC_Part 270

(3700~3800MHz)_HPUE_Ant10_DSI3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		18.93		20.00
100	PI/2 BPSK	1	137		18.85		20.00
100	PI/2 BPSK	1	271		18.79		20.00
100	PI/2 BPSK	135	0		18.75		20.00
100	PI/2 BPSK	135	69		18.91		20.00
100	PI/2 BPSK	135	138		18.83		20.00
100	PI/2 BPSK	270	0		18.85		20.00
100	QPSK	1	1		18.81		20.00
100	QPSK	1	137		18.77		20.00
100	QPSK	1	271		18.74		20.00
100	QPSK	135	0		18.79		20.00
100	QPSK	135	69		18.81		20.00
100	QPSK	135	138		18.79		20.00
100	QPSK	270	0		18.78		20.00
100	16QAM	1	1		18.80		20.00
100	64QAM	1	1		18.75		20.00
100	256QAM	1	1		18.84		20.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	18.91	18.92	18.86	20.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	18.85	18.78	18.84	20.00

Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	18.85	18.78	18.78	20.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	18.79	18.85	18.78	20.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	18.79	18.83	18.73	20.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	18.87	18.86	18.72	20.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	18.79	18.85	18.79	20.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	18.80	18.82	18.78	20.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	18.77	18.90	18.77	20.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	18.82	18.78	18.76	20.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	18.82	18.88	18.81	20.00

【FR1 n78 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_Ant10_DSI4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		27.48		28.50
100	PI/2 BPSK	1	137		27.04		28.50
100	PI/2 BPSK	1	271		27.12		28.50
100	PI/2 BPSK	135	0		27.16		28.00
100	PI/2 BPSK	135	69		27.42		28.50
100	PI/2 BPSK	135	138		27.17		28.00
100	PI/2 BPSK	270	0		27.22		28.00
100	QPSK	1	1		27.42		28.50
100	QPSK	1	137		27.00		28.50
100	QPSK	1	271		27.25		28.50
100	QPSK	135	0		26.80		27.50
100	QPSK	135	69		26.99		28.50
100	QPSK	135	138		26.46		27.50
100	QPSK	270	0		26.65		27.50
100	16QAM	1	1		26.85		27.50
100	64QAM	1	1		25.31		26.00
100	256QAM	1	1		23.38		24.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	27.42	27.45	27.41	28.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	27.27	27.33	27.30	28.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	27.35	27.36	27.35	28.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	27.33	27.35	27.38	28.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	27.32	27.30	27.28	28.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	27.29	27.37	27.30	28.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	27.39	27.36	27.27	28.50
Channel				630834	633332	635832	Tune-up limit

	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	27.35	27.38	27.36	28.50
	Channel			630668	633332	636000	Tune-up limit
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	27.33	27.41	27.38	28.50
	Channel			630500	633332	636166	Tune-up limit
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	27.38	27.40	27.35	28.50
	Channel			630334	633332	636332	Tune-up limit
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	27.39	27.43	27.30	28.50

【FR1 n78 (270)_FCC_Part 270

(3700~3800MHz)_HPUE_Ant10_DSI4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel				650000		
	Frequency (MHz)				3750		
100	PI/2 BPSK	1	1		27.63		28.50
100	PI/2 BPSK	1	137		27.13		28.50
100	PI/2 BPSK	1	271		27.27		28.50
100	PI/2 BPSK	135	0		27.15		28.00
100	PI/2 BPSK	135	69		27.51		28.50
100	PI/2 BPSK	135	138		27.21		28.00
100	PI/2 BPSK	270	0		27.33		28.00
100	QPSK	1	1		27.53		28.50
100	QPSK	1	137		27.16		28.50
100	QPSK	1	271		27.34		28.50
100	QPSK	135	0		26.88		27.50
100	QPSK	135	69		27.15		28.50
100	QPSK	135	138		26.60		27.50
100	QPSK	270	0		26.75		27.50
100	16QAM	1	1		27.02		27.50
100	64QAM	1	1		25.36		26.00
100	256QAM	1	1		23.48		24.00
	Channel			649668	650000	650332	Tune-up limit
	Frequency (MHz)			3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	27.54	27.61	27.58	28.50
	Channel			649334	650000	650666	Tune-up limit
	Frequency (MHz)			3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	27.41	27.55	27.43	28.50
	Channel			649000	650000	651000	Tune-up limit
	Frequency (MHz)			3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	27.40	27.58	27.43	28.50
	Channel			648668	650000	651332	Tune-up limit
	Frequency (MHz)			3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	27.46	27.50	27.45	28.50
	Channel			648334	650000	651666	Tune-up limit
	Frequency (MHz)			3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	27.41	27.46	27.50	28.50
	Channel			648000	650000	652000	Tune-up limit
	Frequency (MHz)			3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	27.52	27.52	27.53	28.50
	Channel			647668	650000	652332	Tune-up limit
	Frequency (MHz)			3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	27.45	27.57	27.43	28.50
	Channel			647500	650000	652500	Tune-up limit
	Frequency (MHz)			3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	27.45	27.53	27.49	28.50
	Channel			647334	650000	652666	Tune-up limit
	Frequency (MHz)			3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	27.52	27.59	27.54	28.50
	Channel			647168	650000	652832	Tune-up limit
	Frequency (MHz)			3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	27.44	27.48	27.57	28.50
	Channel			647000	650000	653000	Tune-up limit
	Frequency (MHz)			3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	27.43	27.54	27.50	28.50

【FR1 n78 (27Q)_FCC_Part 27Q
(3450~3550MHz)_Ant11_Default】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		22.25		23.00
100	PI/2 BPSK	1	137		21.83		23.00
100	PI/2 BPSK	1	271		21.92		23.00
100	PI/2 BPSK	135	0		22.08		22.50
100	PI/2 BPSK	135	69		22.11		23.00
100	PI/2 BPSK	135	138		21.77		22.50
100	PI/2 BPSK	270	0		21.98		22.50
100	QPSK	1	1		22.21		23.00
100	QPSK	1	137		21.81		23.00
100	QPSK	1	271		21.86		23.00
100	QPSK	135	0		21.98		23.00
100	QPSK	135	69		21.85		23.00
100	QPSK	135	138		21.78		23.00
100	QPSK	270	0		21.95		23.00
100	16QAM	1	1		22.21		23.00
100	64QAM	1	1		22.19		23.00
100	256QAM	1	1		19.89		21.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	22.12	22.19	22.16	23.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	22.03	22.13	22.03	23.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	22.04	22.11	22.10	23.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	22.09	22.17	22.04	23.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	22.10	22.18	22.03	23.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	22.05	22.09	22.06	23.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	22.09	22.16	22.07	23.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	22.09	22.18	22.02	23.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	22.00	22.09	22.12	23.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	22.01	22.07	22.07	23.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	22.10	22.15	22.10	23.00

【FR1 n78 (27O)_FCC_Part 27O
(3700~3800MHz)_Ant11_Default】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		21.31		23.00
100	PI/2 BPSK	1	137		20.89		23.00
100	PI/2 BPSK	1	271		21.29		23.00
100	PI/2 BPSK	135	0		20.91		22.50
100	PI/2 BPSK	135	69		21.15		23.00
100	PI/2 BPSK	135	138		21.11		22.50

100	PI/2 BPSK	270	0		21.03		22.50
100	QPSK	1	1		21.16		23.00
100	QPSK	1	137		20.89		23.00
100	QPSK	1	271		21.37		23.00
100	QPSK	135	0		20.97		23.00
100	QPSK	135	69		20.84		23.00
100	QPSK	135	138		21.08		23.00
100	QPSK	270	0		21.01		23.00
100	16QAM	1	1		21.19		23.00
100	64QAM	1	1		20.49		23.00
100	256QAM	1	1		18.38		21.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	21.21	21.26	21.24	23.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	21.15	21.17	21.18	23.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	21.12	21.20	21.20	23.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	21.08	21.13	21.14	23.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	21.13	21.13	21.21	23.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	21.15	21.17	21.16	23.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	21.10	21.18	21.12	23.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	21.08	21.23	21.20	23.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	21.18	21.21	21.18	23.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	21.17	21.12	21.18	23.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	21.07	21.15	21.13	23.00

【FR1 n78 (27Q)_FCC_Part 27Q

(3450~3550MHz)_Ant11_DSI1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		13.95		15.00
100	PI/2 BPSK	1	137		13.89		15.00
100	PI/2 BPSK	1	271		13.85		15.00
100	PI/2 BPSK	135	0		13.88		15.00
100	PI/2 BPSK	135	69		13.94		15.00
100	PI/2 BPSK	135	138		13.81		15.00
100	PI/2 BPSK	270	0		13.92		15.00
100	QPSK	1	1		13.92		15.00
100	QPSK	1	137		13.90		15.00
100	QPSK	1	271		13.86		15.00
100	QPSK	135	0		13.82		15.00
100	QPSK	135	69		13.85		15.00
100	QPSK	135	138		13.85		15.00
100	QPSK	270	0		13.87		15.00
100	16QAM	1	1		13.87		15.00
100	64QAM	1	1		13.88		15.00
100	256QAM	1	1		13.81		15.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	13.89	13.92	13.91	15.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)

80	PI/2 BPSK	1	1	13.79	13.79	13.82	15.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	13.84	13.90	13.82	15.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	13.83	13.87	13.76	15.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	13.80	13.79	13.82	15.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	13.87	13.82	13.82	15.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	13.80	13.89	13.88	15.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	13.78	13.80	13.83	15.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	13.79	13.84	13.89	15.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	13.86	13.88	13.87	15.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	13.74	13.77	13.84	15.00

【FR1 n78 (270)_FCC_Part 270

(3700~3800MHz)_Ant11_DSI1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		13.57		15.00
100	PI/2 BPSK	1	137		13.47		15.00
100	PI/2 BPSK	1	271		13.53		15.00
100	PI/2 BPSK	135	0		13.52		15.00
100	PI/2 BPSK	135	69		13.56		15.00
100	PI/2 BPSK	135	138		13.47		15.00
100	PI/2 BPSK	270	0		13.56		15.00
100	QPSK	1	1		13.58		15.00
100	QPSK	1	137		13.54		15.00
100	QPSK	1	271		13.47		15.00
100	QPSK	135	0		13.52		15.00
100	QPSK	135	69		13.55		15.00
100	QPSK	135	138		13.46		15.00
100	QPSK	270	0		13.51		15.00
100	16QAM	1	1		13.57		15.00
100	64QAM	1	1		13.55		15.00
100	256QAM	1	1		13.54		15.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	13.52	13.56	13.51	15.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	13.49	13.46	13.44	15.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	13.41	13.46	13.49	15.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	13.42	13.44	13.43	15.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	13.49	13.49	13.48	15.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	13.43	13.52	13.42	15.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	13.45	13.44	13.39	15.00

Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	13.47	13.50	13.45	15.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	13.46	13.44	13.37	15.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	13.38	13.41	13.49	15.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	13.43	13.45	13.41	15.00

【FR1 n78 (27Q)_FCC_Part 27Q

(3450~3550MHz)_Ant11_DSI5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		13.95		15.00
100	PI/2 BPSK	1	137		13.89		15.00
100	PI/2 BPSK	1	271		13.85		15.00
100	PI/2 BPSK	135	0		13.88		15.00
100	PI/2 BPSK	135	69		13.94		15.00
100	PI/2 BPSK	135	138		13.81		15.00
100	PI/2 BPSK	270	0		13.92		15.00
100	QPSK	1	1		13.92		15.00
100	QPSK	1	137		13.90		15.00
100	QPSK	1	271		13.86		15.00
100	QPSK	135	0		13.82		15.00
100	QPSK	135	69		13.85		15.00
100	QPSK	135	138		13.85		15.00
100	QPSK	270	0		13.87		15.00
100	16QAM	1	1		13.87		15.00
100	64QAM	1	1		13.88		15.00
100	256QAM	1	1		13.81		15.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	13.89	13.92	13.91	15.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	13.79	13.79	13.82	15.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	13.84	13.90	13.82	15.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	13.83	13.87	13.76	15.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	13.80	13.79	13.82	15.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	13.87	13.82	13.82	15.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	13.80	13.89	13.88	15.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	13.78	13.80	13.83	15.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	13.79	13.84	13.89	15.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	13.86	13.88	13.87	15.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	13.74	13.77	13.84	15.00

【FR1 n78 (270)_FCC_Part 270
(3700~3800MHz)_Ant11_DSI5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		13.57		15.00
100	PI/2 BPSK	1	137		13.47		15.00
100	PI/2 BPSK	1	271		13.53		15.00
100	PI/2 BPSK	135	0		13.52		15.00
100	PI/2 BPSK	135	69		13.56		15.00
100	PI/2 BPSK	135	138		13.47		15.00
100	PI/2 BPSK	270	0		13.56		15.00
100	QPSK	1	1		13.58		15.00
100	QPSK	1	137		13.54		15.00
100	QPSK	1	271		13.47		15.00
100	QPSK	135	0		13.52		15.00
100	QPSK	135	69		13.55		15.00
100	QPSK	135	138		13.46		15.00
100	QPSK	270	0		13.51		15.00
100	16QAM	1	1		13.57		15.00
100	64QAM	1	1		13.55		15.00
100	256QAM	1	1		13.54		15.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	13.50	13.52	13.47	15.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	13.37	13.43	13.41	15.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	13.38	13.45	13.43	15.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	13.39	13.37	13.36	15.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	13.39	13.39	13.43	15.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	13.39	13.50	13.43	15.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	13.38	13.47	13.41	15.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	13.48	13.43	13.36	15.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	13.44	13.48	13.34	15.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	13.45	13.38	13.38	15.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	13.42	13.42	13.41	15.00

【FR1 n78 (27Q)_FCC_Part 27Q
(3450~3550MHz)_Ant11_DSI3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		18.95		20.00
100	PI/2 BPSK	1	137		18.82		20.00
100	PI/2 BPSK	1	271		18.88		20.00
100	PI/2 BPSK	135	0		18.89		20.00
100	PI/2 BPSK	135	69		18.93		20.00
100	PI/2 BPSK	135	138		18.87		20.00
100	PI/2 BPSK	270	0		18.83		20.00
100	QPSK	1	1		18.86		20.00

100	QPSK	1	137		18.88		20.00
100	QPSK	1	271		18.84		20.00
100	QPSK	135	0		18.83		20.00
100	QPSK	135	69		18.86		20.00
100	QPSK	135	138		18.91		20.00
100	QPSK	270	0		18.93		20.00
100	16QAM	1	1		18.89		20.00
100	64QAM	1	1		18.83		20.00
100	256QAM	1	1		18.93		20.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	18.92	18.89	18.87	20.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	18.81	18.87	18.77	20.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	18.78	18.85	18.74	20.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	18.90	18.82	18.81	20.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	18.80	18.87	18.78	20.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	18.88	18.78	18.73	20.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	18.86	18.77	18.85	20.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	18.81	18.76	18.77	20.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	18.88	18.87	18.81	20.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	18.78	18.74	18.78	20.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	18.83	18.81	18.72	20.00

【FR1 n78 (270)_FCC_Part 270

(3700~3800MHz)_Ant11_DSI3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		18.58		20.00
100	PI/2 BPSK	1	137		18.45		20.00
100	PI/2 BPSK	1	271		18.48		20.00
100	PI/2 BPSK	135	0		18.50		20.00
100	PI/2 BPSK	135	69		18.55		20.00
100	PI/2 BPSK	135	138		18.49		20.00
100	PI/2 BPSK	270	0		18.47		20.00
100	QPSK	1	1		18.43		20.00
100	QPSK	1	137		18.45		20.00
100	QPSK	1	271		18.50		20.00
100	QPSK	135	0		18.53		20.00
100	QPSK	135	69		18.51		20.00
100	QPSK	135	138		18.45		20.00
100	QPSK	270	0		18.43		20.00
100	16QAM	1	1		18.45		20.00
100	64QAM	1	1		18.44		20.00
100	256QAM	1	1		18.49		20.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	18.52	18.55	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	18.41	18.44	18.49	20.00
Channel				649000	650000	651000	Tune-up limit

	Frequency (MHz)			3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	18.51	18.48	18.36	20.00
	Channel			648668	650000	651332	Tune-up limit
	Frequency (MHz)			3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	18.45	18.47	18.42	20.00
	Channel			648334	650000	651666	Tune-up limit
	Frequency (MHz)			3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	18.50	18.47	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	18.52	18.44	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	18.40	18.38	20.00
	Channel			647500	650000	652500	Tune-up limit
	Frequency (MHz)			3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	18.43	18.53	18.38	20.00
	Channel			647334	650000	652666	Tune-up limit
	Frequency (MHz)			3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	18.43	18.48	18.50	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	18.49	18.50	20.00
	Channel			647000	650000	653000	Tune-up limit
	Frequency (MHz)			3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	18.40	18.41	18.49	20.00

【FR1 n78 (27Q)_FCC_Part 27Q

(3450~3550MHz)_Ant11_DSI4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel				633332		
	Frequency (MHz)				3499.98		
100	PI/2 BPSK	1	1		22.25		23.00
100	PI/2 BPSK	1	137		21.83		23.00
100	PI/2 BPSK	1	271		21.92		23.00
100	PI/2 BPSK	135	0		22.08		22.50
100	PI/2 BPSK	135	69		22.11		23.00
100	PI/2 BPSK	135	138		21.77		22.50
100	PI/2 BPSK	270	0		21.98		22.50
100	QPSK	1	1		22.21		23.00
100	QPSK	1	137		21.81		23.00
100	QPSK	1	271		21.86		23.00
100	QPSK	135	0		21.98		23.00
100	QPSK	135	69		21.85		23.00
100	QPSK	135	138		21.78		23.00
100	QPSK	270	0		21.95		23.00
100	16QAM	1	1		22.21		23.00
100	64QAM	1	1		22.19		23.00
100	256QAM	1	1		19.89		21.00
	Channel			633000	633332	633666	Tune-up limit
	Frequency (MHz)			3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	22.12	22.19	22.16	23.00
	Channel			632668	633332	634000	Tune-up limit
	Frequency (MHz)			3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	22.03	22.13	22.03	23.00
	Channel			632334	633332	634332	Tune-up limit
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	22.04	22.11	22.10	23.00
	Channel			632000	633332	634666	Tune-up limit
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	22.09	22.17	22.04	23.00
	Channel			631668	633332	635000	Tune-up limit
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	22.10	22.18	22.03	23.00
	Channel			631334	633332	635332	Tune-up limit
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	22.05	22.09	22.06	23.00
	Channel			631000	633332	635666	Tune-up limit
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	22.09	22.16	22.07	23.00
	Channel			630834	633332	635832	Tune-up limit
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)

25	PI/2 BPSK	1	1	22.09	22.18	22.02	23.00
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	22.00	22.09	22.12	23.00
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	22.01	22.07	22.07	23.00
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	22.10	22.15	22.10	23.00

【FR1 n78 (270)_FCC_Part 270

(3700~3800MHz)_Ant11_DSI4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		21.31		23.00
100	PI/2 BPSK	1	137		20.89		23.00
100	PI/2 BPSK	1	271		21.29		23.00
100	PI/2 BPSK	135	0		20.91		22.50
100	PI/2 BPSK	135	69		21.15		23.00
100	PI/2 BPSK	135	138		21.11		22.50
100	PI/2 BPSK	270	0		21.03		22.50
100	QPSK	1	1		21.16		23.00
100	QPSK	1	137		20.89		23.00
100	QPSK	1	271		21.37		23.00
100	QPSK	135	0		20.97		23.00
100	QPSK	135	69		20.84		23.00
100	QPSK	135	138		21.08		23.00
100	QPSK	270	0		21.01		23.00
100	16QAM	1	1		21.19		23.00
100	64QAM	1	1		20.49		23.00
100	256QAM	1	1		18.38		21.00
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	21.21	21.26	21.24	23.00
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	21.15	21.17	21.18	23.00
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	21.12	21.20	21.20	23.00
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	21.08	21.13	21.14	23.00
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	21.13	21.13	21.21	23.00
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	21.15	21.17	21.16	23.00
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	21.10	21.18	21.12	23.00
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	21.08	21.23	21.20	23.00
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	21.18	21.21	21.18	23.00
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	21.17	21.12	21.18	23.00
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	21.07	21.15	21.13	23.00

【FR1 n78 (27Q)_FCC_Part 27Q
(3450~3550MHz)_HPUE_Ant11_Default】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		24.75		25.00
100	PI/2 BPSK	1	137		24.39		25.00
100	PI/2 BPSK	1	271		24.31		25.00
100	PI/2 BPSK	135	0		24.11		24.50
100	PI/2 BPSK	135	69		24.33		25.00
100	PI/2 BPSK	135	138		23.77		24.50
100	PI/2 BPSK	270	0		23.91		24.50
100	QPSK	1	1		24.71		25.00
100	QPSK	1	137		24.22		25.00
100	QPSK	1	271		24.32		25.00
100	QPSK	135	0		23.59		24.00
100	QPSK	135	69		24.28		25.00
100	QPSK	135	138		23.29		24.00
100	QPSK	270	0		23.42		24.00
100	16QAM	1	1		23.81		24.00
100	64QAM	1	1		22.19		22.50
100	256QAM	1	1		19.94		20.50
Channel				633000	633332	633666	
Frequency (MHz)				3495	3499.98	3504.99	Tune-up limit (dBm)
90	PI/2 BPSK	1	1	24.59	24.65	24.61	25.00
Channel				632668	633332	634000	
Frequency (MHz)				3490.02	3499.98	3510	Tune-up limit (dBm)
80	PI/2 BPSK	1	1	24.55	24.61	24.56	25.00
Channel				632334	633332	634332	
Frequency (MHz)				3485.01	3499.98	3514.98	Tune-up limit (dBm)
70	PI/2 BPSK	1	1	24.52	24.54	24.56	25.00
Channel				632000	633332	634666	
Frequency (MHz)				3480	3499.98	3519.99	Tune-up limit (dBm)
60	PI/2 BPSK	1	1	24.50	24.54	24.56	25.00
Channel				631668	633332	635000	
Frequency (MHz)				3475.02	3499.98	3525	Tune-up limit (dBm)
50	PI/2 BPSK	1	1	24.45	24.55	24.50	25.00
Channel				631334	633332	635332	
Frequency (MHz)				3470.01	3499.98	3529.98	Tune-up limit (dBm)
40	PI/2 BPSK	1	1	24.54	24.52	24.53	25.00
Channel				631000	633332	635666	
Frequency (MHz)				3465	3499.98	3534.99	Tune-up limit (dBm)
30	PI/2 BPSK	1	1	24.54	24.61	24.49	25.00
Channel				630834	633332	635832	
Frequency (MHz)				3462.51	3499.98	3537.48	Tune-up limit (dBm)
25	PI/2 BPSK	1	1	24.50	24.64	24.54	25.00
Channel				630668	633332	636000	
Frequency (MHz)				3460.02	3499.98	3540	Tune-up limit (dBm)
20	PI/2 BPSK	1	1	24.50	24.64	24.46	25.00
Channel				630500	633332	636166	
Frequency (MHz)				3457.5	3499.98	3542.49	Tune-up limit (dBm)
15	PI/2 BPSK	1	1	24.50	24.57	24.52	25.00
Channel				630334	633332	636332	
Frequency (MHz)				3455.01	3499.98	3544.98	Tune-up limit (dBm)
10	PI/2 BPSK	1	1	24.46	24.62	24.59	25.00

【FR1 n78 (27O)_FCC_Part 27O
(3700~3800MHz)_HPUE_Ant11_Default】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		23.01		25.00
100	PI/2 BPSK	1	137		22.01		25.00
100	PI/2 BPSK	1	271		22.59		25.00
100	PI/2 BPSK	135	0		22.02		24.50
100	PI/2 BPSK	135	69		22.62		25.00
100	PI/2 BPSK	135	138		22.51		24.50
100	PI/2 BPSK	270	0		22.52		24.50

100	QPSK	1	1		22.89		25.00
100	QPSK	1	137		22.46		25.00
100	QPSK	1	271		23.21		25.00
100	QPSK	135	0		21.58		24.00
100	QPSK	135	69		22.39		25.00
100	QPSK	135	138		21.89		24.00
100	QPSK	270	0		22.15		24.00
100	16QAM	1	1		22.32		24.00
100	64QAM	1	1		20.81		22.50
100	256QAM	1	1		18.38		20.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	22.81	22.86	22.79	25.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	22.68	22.77	22.72	25.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	22.68	22.79	22.68	25.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	22.80	22.73	22.77	25.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	22.68	22.72	22.75	25.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	22.77	22.81	22.76	25.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	22.78	22.76	22.68	25.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	22.72	22.77	22.75	25.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	22.69	22.73	22.75	25.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	22.77	22.81	22.68	25.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	22.67	22.74	22.77	25.00

【FR1 n78 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_Ant11_DSI1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		16.96		18.00
100	PI/2 BPSK	1	137		16.85		18.00
100	PI/2 BPSK	1	271		16.86		18.00
100	PI/2 BPSK	135	0		16.86		18.00
100	PI/2 BPSK	135	69		16.95		18.00
100	PI/2 BPSK	135	138		16.90		18.00
100	PI/2 BPSK	270	0		16.85		18.00
100	QPSK	1	1		16.89		18.00
100	QPSK	1	137		16.86		18.00
100	QPSK	1	271		16.87		18.00
100	QPSK	135	0		16.90		18.00
100	QPSK	135	69		16.92		18.00
100	QPSK	135	138		16.83		18.00
100	QPSK	270	0		16.83		18.00
100	16QAM	1	1		16.82		18.00
100	64QAM	1	1		16.89		18.00
100	256QAM	1	1		16.90		18.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	16.91	16.93	16.87	18.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	16.77	16.92	16.85	18.00

Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	16.77	16.88	16.73	18.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	16.89	16.88	16.86	18.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	16.77	16.90	16.75	18.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	16.90	16.83	16.79	18.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	16.78	16.78	16.77	18.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	16.79	16.82	16.78	18.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	16.81	16.79	16.81	18.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	16.79	16.90	16.83	18.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	16.81	16.78	16.82	18.00

【FR1 n78 (270)_FCC_Part 270

(3700~3800MHz)_HPUE_Ant11_DSI1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		16.59		18.00
100	PI/2 BPSK	1	137		16.56		18.00
100	PI/2 BPSK	1	271		16.52		18.00
100	PI/2 BPSK	135	0		16.48		18.00
100	PI/2 BPSK	135	69		16.57		18.00
100	PI/2 BPSK	135	138		16.55		18.00
100	PI/2 BPSK	270	0		16.55		18.00
100	QPSK	1	1		16.52		18.00
100	QPSK	1	137		16.57		18.00
100	QPSK	1	271		16.56		18.00
100	QPSK	135	0		16.54		18.00
100	QPSK	135	69		16.48		18.00
100	QPSK	135	138		16.48		18.00
100	QPSK	270	0		16.58		18.00
100	16QAM	1	1		16.56		18.00
100	64QAM	1	1		16.53		18.00
100	256QAM	1	1		16.54		18.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	16.52	16.55	16.49	18.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	16.44	16.49	16.46	18.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	16.38	16.50	16.42	18.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	16.44	16.49	16.44	18.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	16.49	16.49	16.39	18.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	16.45	16.49	16.34	18.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	16.39	16.45	16.46	18.00
Channel				647500	650000	652500	Tune-up limit

Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	16.43	16.41	16.48	18.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	16.37	16.41	16.47	18.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	16.44	16.41	16.36	18.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	16.43	16.45	16.41	18.00

【FR1 n78 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_Ant11_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					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		16.96		18.00
100	PI/2 BPSK	1	137		16.85		18.00
100	PI/2 BPSK	1	271		16.86		18.00
100	PI/2 BPSK	135	0		16.86		18.00
100	PI/2 BPSK	135	69		16.95		18.00
100	PI/2 BPSK	135	138		16.90		18.00
100	PI/2 BPSK	270	0		16.85		18.00
100	QPSK	1	1		16.89		18.00
100	QPSK	1	137		16.86		18.00
100	QPSK	1	271		16.87		18.00
100	QPSK	135	0		16.90		18.00
100	QPSK	135	69		16.92		18.00
100	QPSK	135	138		16.83		18.00
100	QPSK	270	0		16.83		18.00
100	16QAM	1	1		16.82		18.00
100	64QAM	1	1		16.89		18.00
100	256QAM	1	1		16.90		18.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	16.91	16.93	16.87	18.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	16.77	16.92	16.85	18.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	16.77	16.88	16.73	18.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	16.89	16.88	16.86	18.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	16.77	16.90	16.75	18.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	16.90	16.83	16.79	18.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	16.78	16.78	16.77	18.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	16.79	16.82	16.78	18.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	16.81	16.79	16.81	18.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	16.79	16.90	16.83	18.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	16.81	16.78	16.82	18.00

【FR1 n78 (270)_FCC_Part 27O
(3700~3800MHz)_HPUE_Ant11_DSI5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		16.59		18.00
100	PI/2 BPSK	1	137		16.56		18.00
100	PI/2 BPSK	1	271		16.52		18.00
100	PI/2 BPSK	135	0		16.48		18.00
100	PI/2 BPSK	135	69		16.57		18.00
100	PI/2 BPSK	135	138		16.55		18.00
100	PI/2 BPSK	270	0		16.55		18.00
100	QPSK	1	1		16.52		18.00
100	QPSK	1	137		16.57		18.00
100	QPSK	1	271		16.56		18.00
100	QPSK	135	0		16.54		18.00
100	QPSK	135	69		16.48		18.00
100	QPSK	135	138		16.48		18.00
100	QPSK	270	0		16.58		18.00
100	16QAM	1	1		16.56		18.00
100	64QAM	1	1		16.53		18.00
100	256QAM	1	1		16.54		18.00
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	16.52	16.55	16.49	18.00
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	16.44	16.49	16.46	18.00
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	16.38	16.50	16.42	18.00
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	16.44	16.49	16.44	18.00
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	16.49	16.49	16.39	18.00
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	16.45	16.49	16.34	18.00
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	16.39	16.45	16.46	18.00
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	16.43	16.41	16.48	18.00
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	16.37	16.41	16.47	18.00
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	16.44	16.41	16.36	18.00
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	16.43	16.45	16.41	18.00

【FR1 n78 (27Q)_FCC_Part 27Q
(3450~3550MHz)_HPUE_Ant11_DSI3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.96		23.00
100	PI/2 BPSK	1	137		21.86		23.00
100	PI/2 BPSK	1	271		21.83		23.00
100	PI/2 BPSK	135	0		21.93		23.00
100	PI/2 BPSK	135	69		21.92		23.00
100	PI/2 BPSK	135	138		21.88		23.00
100	PI/2 BPSK	270	0		21.85		23.00

100	QPSK	1	1		21.94		23.00
100	QPSK	1	137		21.84		23.00
100	QPSK	1	271		21.89		23.00
100	QPSK	135	0		21.83		23.00
100	QPSK	135	69		21.91		23.00
100	QPSK	135	138		21.83		23.00
100	QPSK	270	0		21.89		23.00
100	16QAM	1	1		21.86		23.00
100	64QAM	1	1		22.19		22.50
100	256QAM	1	1		19.94		20.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	21.88	21.89	21.82	23.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	21.85	21.86	21.74	23.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	21.73	21.79	21.75	23.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	21.85	21.82	21.72	23.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	21.82	21.87	21.75	23.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	21.74	21.85	21.72	23.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	21.86	21.84	21.72	23.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	21.76	21.77	21.79	23.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	21.81	21.87	21.68	23.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	21.76	21.75	21.77	23.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	21.81	21.78	21.75	23.00

【FR1 n78 (270)_FCC_Part 270

(3700~3800MHz)_HPUE_Ant11_DSI3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		21.54		23.00
100	PI/2 BPSK	1	137		21.43		23.00
100	PI/2 BPSK	1	271		21.53		23.00
100	PI/2 BPSK	135	0		21.51		23.00
100	PI/2 BPSK	135	69		21.53		23.00
100	PI/2 BPSK	135	138		21.52		23.00
100	PI/2 BPSK	270	0		21.51		23.00
100	QPSK	1	1		21.50		23.00
100	QPSK	1	137		21.42		23.00
100	QPSK	1	271		21.54		23.00
100	QPSK	135	0		21.48		23.00
100	QPSK	135	69		21.53		23.00
100	QPSK	135	138		21.45		23.00
100	QPSK	270	0		21.48		23.00
100	16QAM	1	1		21.43		23.00
100	64QAM	1	1		20.81		22.50
100	256QAM	1	1		18.38		20.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	21.45	21.48	21.46	23.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	21.38	21.37	21.38	23.00

Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	21.37	21.45	21.37	23.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	21.34	21.38	21.34	23.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	21.31	21.40	21.33	23.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	21.37	21.39	21.43	23.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	21.35	21.35	21.35	23.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	21.44	21.46	21.44	23.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	21.43	21.45	21.33	23.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	21.42	21.39	21.34	23.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	21.32	21.41	21.33	23.00

【FR1 n78 (27Q)_FCC_Part 27Q

(3450~3550MHz)_HPUE_Ant11_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		24.75		25.00
100	PI/2 BPSK	1	137		24.39		25.00
100	PI/2 BPSK	1	271		24.31		25.00
100	PI/2 BPSK	135	0		24.11		24.50
100	PI/2 BPSK	135	69		24.33		25.00
100	PI/2 BPSK	135	138		23.77		24.50
100	PI/2 BPSK	270	0		23.91		24.50
100	QPSK	1	1		24.71		25.00
100	QPSK	1	137		24.22		25.00
100	QPSK	1	271		24.32		25.00
100	QPSK	135	0		23.59		24.00
100	QPSK	135	69		24.28		25.00
100	QPSK	135	138		23.29		24.00
100	QPSK	270	0		23.42		24.00
100	16QAM	1	1		23.81		24.00
100	64QAM	1	1		22.19		22.50
100	256QAM	1	1		19.94		20.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	24.59	24.65	24.61	25.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	24.55	24.61	24.56	25.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	24.52	24.54	24.56	25.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	24.50	24.54	24.56	25.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	24.45	24.55	24.50	25.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	24.54	24.52	24.53	25.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	24.54	24.61	24.49	25.00
Channel				630834	633332	635832	Tune-up limit

	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	24.50	24.64	24.54	25.00
	Channel			630668	633332	636000	Tune-up limit
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	24.50	24.64	24.46	25.00
	Channel			630500	633332	636166	Tune-up limit
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	24.50	24.57	24.52	25.00
	Channel			630334	633332	636332	Tune-up limit
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	24.46	24.62	24.59	25.00

【FR1 n78 (270)_FCC_Part 270

(3700~3800MHz)_HPUE_Ant11_DSI4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel				650000		
	Frequency (MHz)				3750		
100	PI/2 BPSK	1	1		23.01		25.00
100	PI/2 BPSK	1	137		22.01		25.00
100	PI/2 BPSK	1	271		22.59		25.00
100	PI/2 BPSK	135	0		22.02		24.50
100	PI/2 BPSK	135	69		22.62		25.00
100	PI/2 BPSK	135	138		22.51		24.50
100	PI/2 BPSK	270	0		22.52		24.50
100	QPSK	1	1		22.89		25.00
100	QPSK	1	137		22.46		25.00
100	QPSK	1	271		23.21		25.00
100	QPSK	135	0		21.58		24.00
100	QPSK	135	69		22.39		25.00
100	QPSK	135	138		21.89		24.00
100	QPSK	270	0		22.15		24.00
100	16QAM	1	1		22.32		24.00
100	64QAM	1	1		20.81		22.50
100	256QAM	1	1		18.38		20.50
	Channel			649668	650000	650332	Tune-up limit
	Frequency (MHz)			3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	22.81	22.86	22.79	25.00
	Channel			649334	650000	650666	Tune-up limit
	Frequency (MHz)			3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	22.68	22.77	22.72	25.00
	Channel			649000	650000	651000	Tune-up limit
	Frequency (MHz)			3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	22.68	22.79	22.68	25.00
	Channel			648668	650000	651332	Tune-up limit
	Frequency (MHz)			3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	22.80	22.73	22.77	25.00
	Channel			648334	650000	651666	Tune-up limit
	Frequency (MHz)			3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	22.68	22.72	22.75	25.00
	Channel			648000	650000	652000	Tune-up limit
	Frequency (MHz)			3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	22.77	22.81	22.76	25.00
	Channel			647668	650000	652332	Tune-up limit
	Frequency (MHz)			3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	22.78	22.76	22.68	25.00
	Channel			647500	650000	652500	Tune-up limit
	Frequency (MHz)			3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	22.72	22.77	22.75	25.00
	Channel			647334	650000	652666	Tune-up limit
	Frequency (MHz)			3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	22.69	22.73	22.75	25.00
	Channel			647168	650000	652832	Tune-up limit
	Frequency (MHz)			3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	22.77	22.81	22.68	25.00
	Channel			647000	650000	653000	Tune-up limit
	Frequency (MHz)			3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	22.67	22.74	22.77	25.00

5GNR Other PA

<FR1 n5_Ant0_default>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	24.11	24.19	24.15	25
20		1	53	23.85	23.99	23.9	25
20		1	104	23.84	23.96	23.9	25
20		50	0	23.38	23.51	23.36	24.5
20		50	28	24.01	24.11	23.99	25
20		50	56	23.4	23.51	23.43	24.5
20	QPSK	100	0	23.3	23.52	23.44	24.5
20		1	1	23.84	23.97	23.87	25
20		1	53	23.86	24.05	23.9	25
20		1	104	23.97	24.11	23.99	25
20		50	0	22.77	22.98	22.86	24
20		50	28	23.66	23.87	23.78	25
20	16QAM	50	56	22.76	22.96	22.89	24
20		100	0	22.91	23.02	22.87	24
20	64QAM	1	1	22.83	22.92	22.76	24
20	256QAM	1	1	21.16	21.33	21.28	22.5
20		1	1	19.17	19.31	19.15	20.5
Channel				166300	167300	168300	Tune-up Limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	24	24.15	24.13	25
Channel				165800	167300	168800	Tune-up Limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	24.01	24.13	24.08	25
Channel				165300	167300	169300	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	23.99	24.17	24.14	25

<FR1 n5_Ant1_default>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	23.97	24.02	23.94	25
20		1	53	23.68	23.81	23.59	25
20		1	104	23.7	23.77	23.56	25
20		50	0	23.19	23.26	23.1	24.5
20		50	28	23.87	23.95	23.84	25
20		50	56	23.21	23.28	23.12	24.5
20	QPSK	100	0	23.46	23.56	23.43	24.5
20		1	1	23.67	23.74	23.59	25
20		1	53	23.75	23.87	23.76	25
20		1	104	23.78	23.92	23.71	25
20		50	0	22.72	22.79	22.59	24
20		50	28	23.59	23.7	23.56	25
20	16QAM	50	56	22.62	22.77	22.57	24
20		100	0	22.67	22.83	22.64	24
20	64QAM	1	1	22.61	22.72	22.5	24
20	256QAM	1	1	21.12	21.2	20.98	22.5
20		1	1	19.03	19.17	19.01	20.5
Channel				166300	167300	168300	Tune-up Limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	23.86	23.93	23.88	25
Channel				165800	167300	168800	Tune-up Limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	23.94	23.87	23.89	25
Channel				165300	167300	169300	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	23.94	24	23.91	25

<FR1 n66_Ant4_default>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	24.18	24.25	24.22	25.5
45		1	120	24.02	24.17	24.02	25.5
45		1	240	24	24.13	24.08	25.5
45		120	0	23.55	23.69	23.54	25
45		120	60	24.06	24.22	24.08	25.5
45		120	120	23.54	23.73	23.69	25
45	QPSK	240	0	23.56	23.66	23.53	25
45		1	1	24.01	24.15	24.04	25.5
45		1	120	23.95	24.11	23.99	25.5
45		1	240	23.95	24.09	24	25.5
45		120	0	22.91	23.11	23.05	24.5
45		120	60	24	24.15	24.09	25.5
45	16QAM	120	120	23.03	23.16	23.03	24.5
45		240	0	23.15	23.27	23.18	24.5
45		1	1	23.09	23.19	23.12	24.5
45	64QAM	1	1	21.33	21.54	21.45	23
45	256QAM	1	1	19.42	19.62	19.53	21
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	24.11	24.11	24.13	25.5
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	24.05	24.24	24.11	25.5
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	24.04	24.12	24.12	25.5
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	24.14	24.11	24.14	25.5
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	24.13	24.18	24.19	25.5
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	24.12	24.12	24.16	25.5
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	24.14	24.18	24.09	25.5
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	24.13	24.12	24.18	25.5

<FR1 n66_Ant5_default>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	23.47	23.53	23.51	24.5
45		1	120	23.24	23.42	23.37	24.5
45		1	240	23.24	23.38	23.25	24.5
45		120	0	22.82	23.01	22.89	24
45		120	60	23.46	23.52	23.48	24.5
45		120	120	22.92	23.08	22.94	24
45	QPSK	240	0	22.28	22.48	22.36	24
45		1	1	23.28	23.45	23.33	24.5
45		1	120	23.25	23.45	23.29	24.5
45		1	240	23.28	23.44	23.3	24.5
45		120	0	22.23	22.43	22.3	23.5
45		120	60	23.35	23.44	23.41	24.5
45	16QAM	120	120	22.35	22.51	22.45	23.5
45		240	0	22.44	22.59	22.47	23.5
45		1	1	22.29	22.48	22.37	23.5
45	64QAM	1	1	20.65	20.8	20.77	22
45	256QAM	1	1	18.82	18.92	18.89	20
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	23.36	23.52	23.43	24.5
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	

35	PI/2 BPSK	1	1	23.39	23.46	23.36	24.5
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	23.45	23.46	23.47	24.5
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	23.33	23.42	23.41	24.5
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	23.37	23.47	23.43	24.5
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	23.37	23.5	23.47	24.5
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	23.45	23.45	23.43	24.5
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	23.4	23.4	23.38	24.5

<FR1 n66_Ant6_default>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	24.42	24.55	24.45	25
45		1	120	24.27	24.51	24.31	25
45		1	240	24.2	24.44	24.28	25
45		120	0	23.79	24	23.76	24.5
45		120	60	24.41	24.5	24.37	25
45		120	120	23.75	24.03	23.87	24.5
45	QPSK	240	0	23.23	23.47	23.23	24.5
45		1	1	24.18	24.43	24.21	25
45		1	120	24.26	24.46	24.21	25
45		1	240	24.21	24.45	24.33	25
45		120	0	23.17	23.43	23.32	24
45		120	60	24.22	24.42	24.26	25
45	16QAM	120	120	23.25	23.5	23.31	24
45		240	0	23.39	23.59	23.36	24
45		1	1	23.27	23.49	23.36	24
45	64QAM	1	1	21.61	21.74	21.53	22.5
45	256QAM	1	1	19.87	20.03	19.9	20.5
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	24.37	24.47	24.35	25
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	24.32	24.5	24.41	25
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	24.31	24.53	24.36	25
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	24.37	24.43	24.34	25
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	24.41	24.52	24.43	25
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	24.36	24.49	24.33	25
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	24.39	24.41	24.4	25
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	24.39	24.43	24.35	25

<FR1 n66_Ant7_default>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	23.12	23.19	23.15	24
45		1	120	22.99	23.13	22.99	24
45		1	240	23.04	23.13	23.08	24
45		120	0	22.63	22.73	22.62	23.5
45		120	60	23.05	23.15	23.02	24
45		120	120	22.62	22.72	22.67	23.5
45		240	0	22.02	22.12	21.97	23.5
45	QPSK	1	1	22.95	23.13	23.02	24
45		1	120	22.9	23.12	22.98	24
45		1	240	22.8	23.01	22.95	24
45		120	0	22.01	22.13	22.01	23
45		120	60	23.04	23.13	23.04	24
45		120	120	22.04	22.12	22.04	23
45		240	0	22.02	22.17	22.11	23
45	16QAM	1	1	21.98	22.1	21.99	23
45	64QAM	1	1	20.32	20.49	20.32	21.5
45	256QAM	1	1	18.55	18.66	18.49	19.5
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	23.06	23.13	23.01	24
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	23	23.09	23.04	24
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	23	23.12	23.07	24
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	23	23.12	23.14	24
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	23.02	23.04	23.11	24
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	23.02	23.12	23.06	24
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	23.02	23.08	23.08	24
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	22.98	23.13	23.02	24

<FR1 n5_Ant0_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				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	24.11	24.19	24.15	25
20		1	53	23.85	23.99	23.9	25
20		1	104	23.84	23.96	23.9	25
20		50	0	23.38	23.51	23.36	24.5
20		50	28	24.01	24.11	23.99	25
20		50	56	23.4	23.51	23.43	24.5
20		100	0	23.3	23.52	23.44	24.5
20	QPSK	1	1	23.84	23.97	23.87	25
20		1	53	23.86	24.05	23.9	25
20		1	104	23.97	24.11	23.99	25
20		50	0	22.77	22.98	22.86	24
20		50	28	23.66	23.87	23.78	25
20		50	56	22.76	22.96	22.89	24
20		100	0	22.91	23.02	22.87	24
20	16QAM	1	1	22.83	22.92	22.76	24
20	64QAM	1	1	21.16	21.33	21.28	22.5
20	256QAM	1	1	19.17	19.31	19.15	20.5
Channel				166300	167300	168300	Tune-up Limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	24	24.15	24.13	25
Channel				165800	167300	168800	Tune-up Limit (dBm)
Frequency (MHz)				829	836.5	844	

10	PI/2 BPSK	1	1	24.01	24.13	24.08	25
Channel				165300	167300	169300	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	23.99	24.17	24.14	25

<FR1 n5_Ant1_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				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	18.46	18.53	18.49	19.5
20		1	53	18.23	18.41	18.29	19.5
20		1	104	18.4	18.5	18.37	19.5
20		50	0	18.28	18.41	18.27	19.5
20		50	28	18.45	18.51	18.46	19.5
20		50	56	18.26	18.4	18.26	19.5
20	QPSK	100	0	18.27	18.47	18.37	19.5
20		1	1	18.25	18.45	18.29	19.5
20		1	53	18.26	18.45	18.39	19.5
20		1	104	18.2	18.4	18.25	19.5
20		50	0	18.27	18.48	18.29	19.5
20		50	28	18.27	18.46	18.35	19.5
20	16QAM	50	56	18.2	18.4	18.32	19.5
20		100	0	18.34	18.43	18.36	19.5
20		1	1	18.26	18.45	18.33	19.5
20	64QAM	1	1	18.27	18.48	18.31	19.5
20	256QAM	1	1	18.33	18.5	18.42	19.5
Channel				166300	167300	168300	Tune-up Limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	18.42	18.44	18.35	19.5
Channel				165800	167300	168800	Tune-up Limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	18.37	18.47	18.4	19.5
Channel				165300	167300	169300	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	18.42	18.48	18.43	19.5

<FR1 n66_Ant4_DSI 1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	17.21	17.26	17.19	18.5
45		1	120	17.07	17.19	17.07	18.5
45		1	240	17.13	17.2	17.01	18.5
45		120	0	17.01	17.17	17.08	18.5
45		120	60	17.15	17.24	17.21	18.5
45		120	120	17.05	17.15	16.99	18.5
45	QPSK	240	0	17.06	17.19	17.06	18.5
45		1	1	16.95	17.14	16.93	18.5
45		1	120	17.1	17.21	17.05	18.5
45		1	240	17.03	17.12	17.01	18.5
45		120	0	17.03	17.19	17	18.5
45		120	60	16.97	17.12	16.95	18.5
45	16QAM	120	120	16.99	17.19	17.03	18.5
45		240	0	17.04	17.16	17.02	18.5
45		1	1	17.03	17.13	17.04	18.5
45	64QAM	1	1	16.99	17.18	17.06	18.5
45	256QAM	1	1	17.05	17.12	16.96	18.5
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	17.17	17.21	17.13	18.5
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	17.19	17.22	17.18	18.5
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	17.07	17.22	17.08	18.5
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	17.11	17.16	17.1	18.5
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	17.14	17.15	17.15	18.5
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	

15	PI/2 BPSK	1	1	17.17	17.16	17.1	18.5
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	17.07	17.18	17.16	18.5
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	17.07	17.23	17.12	18.5

<FR1 n66 Ant5 DSI 1>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	15.26	15.33	15.29	16
45		1	120	15.06	15.27	15.15	16
45		1	240	15.15	15.26	15.2	16
45		120	0	15.17	15.29	15.12	16
45		120	60	15.21	15.31	15.27	16
45		120	120	15.13	15.26	15.17	16
45		240	0	15.08	15.28	15.15	16
45	QPSK	1	1	15.07	15.26	15.07	16
45		1	120	15.18	15.27	15.11	16
45		1	240	15.18	15.3	15.15	16
45		120	0	15.23	15.32	15.27	16
45		120	60	15.08	15.25	15.09	16
45		120	120	15.16	15.29	15.14	16
45		240	0	15.13	15.32	15.24	16
45	16QAM	1	1	15.14	15.23	15.12	16
45	64QAM	1	1	15.19	15.32	15.16	16
45	256QAM	1	1	15.16	15.33	15.27	16
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	15.23	15.22	15.24	16
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	15.23	15.21	15.26	16
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	15.18	15.31	15.24	16
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	15.21	15.23	15.27	16
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	15.23	15.26	15.26	16
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	15.13	15.3	15.2	16
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	15.24	15.25	15.18	16
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	15.21	15.26	15.16	16

<FR1 n66 Ant6 DSI 1>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	24.42	24.55	24.45	25
45		1	120	24.27	24.51	24.31	25
45		1	240	24.2	24.44	24.28	25
45		120	0	23.79	24	23.76	24.5
45		120	60	24.41	24.5	24.37	25
45		120	120	23.75	24.03	23.87	24.5
45		240	0	23.23	23.47	23.23	24.5
45	QPSK	1	1	24.18	24.43	24.21	25
45		1	120	24.26	24.46	24.21	25
45		1	240	24.21	24.45	24.33	25
45		120	0	23.17	23.43	23.32	24
45		120	60	24.22	24.42	24.26	25
45		120	120	23.25	23.5	23.31	24
45		240	0	23.39	23.59	23.36	24
45	16QAM	1	1	23.27	23.49	23.36	24

45	64QAM	1	1	21.61	21.74	21.53	22.5
45	256QAM	1	1	19.87	20.03	19.9	20.5
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	24.37	24.47	24.35	25
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	24.32	24.5	24.41	25
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	24.31	24.53	24.36	25
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	24.37	24.43	24.34	25
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	24.41	24.52	24.43	25
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	24.36	24.49	24.33	25
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	24.39	24.41	24.4	25
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	24.39	24.43	24.35	25

<FR1 n66 Ant7 DSI 1>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	17.42	17.54	17.47	18
45		1	120	17.21	17.37	17.28	18
45		1	240	17.29	17.45	17.24	18
45		120	0	17.23	17.46	17.28	18
45		120	60	17.39	17.48	17.43	18
45		120	120	17.19	17.42	17.27	18
45	QPSK	240	0	17.31	17.45	17.37	18
45		1	1	17.25	17.38	17.16	18
45		1	120	17.28	17.41	17.29	18
45		1	240	17.22	17.38	17.18	18
45		120	0	17.18	17.39	17.19	18
45		120	60	17.16	17.4	17.25	18
45	16QAM	120	120	17.13	17.38	17.21	18
45		240	0	17.28	17.41	17.3	18
45		1	1	17.24	17.41	17.33	18
45	64QAM	1	1	17.23	17.42	17.24	18
45	256QAM	1	1	17.24	17.45	17.32	18
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	17.3	17.44	17.43	18
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	17.33	17.52	17.43	18
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	17.38	17.41	17.38	18
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	17.36	17.47	17.34	18
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	17.37	17.43	17.4	18
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	17.33	17.43	17.37	18
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	17.39	17.41	17.39	18
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	17.31	17.43	17.46	18

<FR1 n5_Ant0_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				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	24.11	24.19	24.15	25
20		1	53	23.85	23.99	23.9	25
20		1	104	23.84	23.96	23.9	25
20		50	0	23.38	23.51	23.36	24.5
20		50	28	24.01	24.11	23.99	25
20		50	56	23.4	23.51	23.43	24.5
20		100	0	23.3	23.52	23.44	24.5
20	QPSK	1	1	23.84	23.97	23.87	25
20		1	53	23.86	24.05	23.9	25
20		1	104	23.97	24.11	23.99	25
20		50	0	22.77	22.98	22.86	24
20		50	28	23.66	23.87	23.78	25
20		50	56	22.76	22.96	22.89	24
20		100	0	22.91	23.02	22.87	24
20	16QAM	1	1	22.83	22.92	22.76	24
20	64QAM	1	1	21.16	21.33	21.28	22.5
20	256QAM	1	1	19.17	19.31	19.15	20.5
Channel				166300	167300	168300	Tune-up Limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	24	24.15	24.13	25
Channel				165800	167300	168800	Tune-up Limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	24.01	24.13	24.08	25
Channel				165300	167300	169300	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	23.99	24.17	24.14	25

<FR1 n5_Ant1_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				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	18.46	18.53	18.49	19.5
20		1	53	18.23	18.41	18.29	19.5
20		1	104	18.4	18.5	18.37	19.5
20		50	0	18.28	18.41	18.27	19.5
20		50	28	18.45	18.51	18.46	19.5
20		50	56	18.26	18.4	18.26	19.5
20		100	0	18.27	18.47	18.37	19.5
20	QPSK	1	1	18.25	18.45	18.29	19.5
20		1	53	18.26	18.45	18.39	19.5
20		1	104	18.2	18.4	18.25	19.5
20		50	0	18.27	18.48	18.29	19.5
20		50	28	18.27	18.46	18.35	19.5
20		50	56	18.2	18.4	18.32	19.5
20		100	0	18.34	18.43	18.36	19.5
20	16QAM	1	1	18.26	18.45	18.33	19.5
20	64QAM	1	1	18.27	18.48	18.31	19.5
20	256QAM	1	1	18.33	18.5	18.42	19.5
Channel				166300	167300	168300	Tune-up Limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	18.42	18.44	18.35	19.5
Channel				165800	167300	168800	Tune-up Limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	18.37	18.47	18.4	19.5
Channel				165300	167300	169300	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	18.42	18.48	18.43	19.5

<FR1 n66_Ant4_DSI 5>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	17.21	17.26	17.19	18.5
45		1	120	17.07	17.19	17.07	18.5
45		1	240	17.13	17.2	17.01	18.5
45		120	0	17.01	17.17	17.08	18.5
45		120	60	17.15	17.24	17.21	18.5
45		120	120	17.05	17.15	16.99	18.5
45	QPSK	240	0	17.06	17.19	17.06	18.5
45		1	1	16.95	17.14	16.93	18.5
45		1	120	17.1	17.21	17.05	18.5
45		1	240	17.03	17.12	17.01	18.5
45		120	0	17.03	17.19	17	18.5
45		120	60	16.97	17.12	16.95	18.5
45	16QAM	120	120	16.99	17.19	17.03	18.5
45		240	0	17.04	17.16	17.02	18.5
45		1	1	17.03	17.13	17.04	18.5
45	64QAM	1	1	16.99	17.18	17.06	18.5
45	256QAM	1	1	17.05	17.12	16.96	18.5
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	17.17	17.21	17.13	18.5
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	17.19	17.22	17.18	18.5
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	17.07	17.22	17.08	18.5
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	17.11	17.16	17.1	18.5
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	17.14	17.15	17.15	18.5
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	17.17	17.16	17.1	18.5
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	17.07	17.18	17.16	18.5
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	17.07	17.23	17.12	18.5

<FR1 n66_Ant5_DSI 5>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	15.26	15.33	15.29	16
45		1	120	15.06	15.27	15.15	16
45		1	240	15.15	15.26	15.2	16
45		120	0	15.17	15.29	15.12	16
45		120	60	15.21	15.31	15.27	16
45		120	120	15.13	15.26	15.17	16
45	QPSK	240	0	15.08	15.28	15.15	16
45		1	1	15.07	15.26	15.07	16
45		1	120	15.18	15.27	15.11	16
45		1	240	15.18	15.3	15.15	16
45		120	0	15.23	15.32	15.27	16
45		120	60	15.08	15.25	15.09	16
45	16QAM	120	120	15.16	15.29	15.14	16
45		240	0	15.13	15.32	15.24	16
45		1	1	15.14	15.23	15.12	16
45	64QAM	1	1	15.19	15.32	15.16	16
45	256QAM	1	1	15.16	15.33	15.27	16
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	15.23	15.22	15.24	16
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	

35	PI/2 BPSK	1	1	15.23	15.21	15.26	16
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	15.18	15.31	15.24	16
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	15.21	15.23	15.27	16
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	15.23	15.26	15.26	16
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	15.13	15.3	15.2	16
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	15.24	15.25	15.18	16
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	15.21	15.26	15.16	16

<FR1 n66_Ant6_DSI 5>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	19.1	19.19	19.13	19.5
45		1	120	18.97	19.07	18.94	19.5
45		1	240	19	19.12	18.98	19.5
45		120	0	18.93	19.08	19.01	19.5
45		120	60	19.11	19.18	19.09	19.5
45		120	120	18.98	19.15	18.94	19.5
45	QPSK	240	0	19.04	19.17	19.08	19.5
45		1	1	19.03	19.13	19.01	19.5
45		1	120	18.96	19.07	18.99	19.5
45		1	240	18.83	19.05	18.88	19.5
45		120	0	18.99	19.18	19.01	19.5
45		120	60	18.9	19.07	18.89	19.5
45	16QAM	120	120	18.97	19.16	18.99	19.5
45		240	0	18.86	19.07	18.95	19.5
45		1	1	19	19.17	19.09	19.5
45	64QAM	1	1	18.83	19.02	18.9	19.5
45	256QAM	1	1	18.96	19.19	19.05	19.5
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	19.02	19.09	19.01	19.5
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	18.95	19.08	19.12	19.5
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	19.03	19.16	19.03	19.5
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	19.04	19.07	19	19.5
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	19.01	19.12	19.12	19.5
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	18.99	19.16	19.01	19.5
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	18.97	19.1	19.11	19.5
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	19.04	19.1	19.06	19.5

<FR1 n66_Ant7_DSI 5>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	17.42	17.54	17.47	18
45		1	120	17.21	17.37	17.28	18
45		1	240	17.29	17.45	17.24	18
45		120	0	17.23	17.46	17.28	18
45		120	60	17.39	17.48	17.43	18
45		120	120	17.19	17.42	17.27	18
45	QPSK	240	0	17.31	17.45	17.37	18
45		1	1	17.25	17.38	17.16	18
45		1	120	17.28	17.41	17.29	18
45		1	240	17.22	17.38	17.18	18
45		120	0	17.18	17.39	17.19	18
45		120	60	17.16	17.4	17.25	18
45	16QAM	120	120	17.13	17.38	17.21	18
45		240	0	17.28	17.41	17.3	18
45		1	1	17.24	17.41	17.33	18
45	64QAM	1	1	17.23	17.42	17.24	18
45	256QAM	1	1	17.24	17.45	17.32	18
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	17.3	17.44	17.43	18
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	17.33	17.52	17.43	18
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	17.38	17.41	17.38	18
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	17.36	17.47	17.34	18
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	17.37	17.43	17.4	18
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	17.33	17.43	17.37	18
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	17.39	17.41	17.39	18
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	17.31	17.43	17.46	18

<FR1 n5_Ant0_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				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	24.11	24.19	24.15	25
20		1	53	23.85	23.99	23.9	25
20		1	104	23.84	23.96	23.9	25
20		50	0	23.38	23.51	23.36	24.5
20		50	28	24.01	24.11	23.99	25
20		50	56	23.4	23.51	23.43	24.5
20	QPSK	100	0	23.3	23.52	23.44	24.5
20		1	1	23.84	23.97	23.87	25
20		1	53	23.86	24.05	23.9	25
20		1	104	23.97	24.11	23.99	25
20		50	0	22.77	22.98	22.86	24
20		50	28	23.66	23.87	23.78	25
20	16QAM	50	56	22.76	22.96	22.89	24
20		100	0	22.91	23.02	22.87	24
20		1	1	22.83	22.92	22.76	24
20	64QAM	1	1	21.16	21.33	21.28	22.5
20	256QAM	1	1	19.17	19.31	19.15	20.5
Channel				166300	167300	168300	Tune-up Limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	24	24.15	24.13	25
Channel				165800	167300	168800	Tune-up Limit (dBm)
Frequency (MHz)				829	836.5	844	

10	PI/2 BPSK	1	1	24.01	24.13	24.08	25
Channel				165300	167300	169300	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	23.99	24.17	24.14	25

<FR1 n5_Ant1_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				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	19.42	19.48	19.45	20.5
20		1	53	19.26	19.39	19.3	20.5
20		1	104	19.16	19.35	19.21	20.5
20		50	0	19.22	19.42	19.37	20.5
20		50	28	19.37	19.45	19.41	20.5
20		50	56	19.27	19.38	19.31	20.5
20	QPSK	100	0	19.2	19.41	19.36	20.5
20		1	1	19.24	19.35	19.18	20.5
20		1	53	19.25	19.35	19.28	20.5
20		1	104	19.27	19.4	19.34	20.5
20		50	0	19.23	19.34	19.29	20.5
20		50	28	19.29	19.4	19.31	20.5
20	16QAM	50	56	19.29	19.44	19.37	20.5
20		100	0	19.24	19.34	19.24	20.5
20		1	1	19.23	19.35	19.21	20.5
20	64QAM	1	1	19.29	19.37	19.22	20.5
20	256QAM	1	1	19.22	19.38	19.27	20.5
Channel				166300	167300	168300	Tune-up Limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	19.27	19.33	19.43	20.5
Channel				165800	167300	168800	Tune-up Limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	19.38	19.34	19.32	20.5
Channel				165300	167300	169300	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	19.33	19.34	19.35	20.5

<FR1 n66_Ant4_DSI 3>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	18.67	18.74	18.71	20
45		1	120	18.5	18.66	18.49	20
45		1	240	18.52	18.65	18.58	20
45		120	0	18.44	18.63	18.51	20
45		120	60	18.69	18.73	18.65	20
45		120	120	18.59	18.68	18.61	20
45	QPSK	240	0	18.54	18.72	18.55	20
45		1	1	18.47	18.67	18.55	20
45		1	120	18.56	18.7	18.58	20
45		1	240	18.52	18.63	18.49	20
45		120	0	18.46	18.65	18.57	20
45		120	60	18.57	18.67	18.6	20
45	16QAM	120	120	18.54	18.71	18.61	20
45		240	0	18.64	18.73	18.6	20
45		1	1	18.45	18.65	18.48	20
45	64QAM	1	1	18.51	18.68	18.59	20
45	256QAM	1	1	18.5	18.62	18.51	20
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	18.57	18.65	18.62	20
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	18.54	18.73	18.61	20
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	18.62	18.61	18.56	20
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	18.59	18.6	18.63	20
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	18.58	18.63	18.59	20
Channel				343500	349000	354500	Tune-up Limit

Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	18.55	18.64	18.62	20
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	18.56	18.66	18.58	20
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	18.62	18.63	18.63	20

<FR1 n66_Ant5_DSI 3>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346500	349000	351500	Tune-up Limit (dBm)
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	17.76	17.84	17.81	18.5
45		1	120	17.71	17.82	17.67	18.5
45		1	240	17.56	17.72	17.64	18.5
45		120	0	17.62	17.75	17.7	18.5
45		120	60	17.74	17.81	17.73	18.5
45		120	120	17.57	17.72	17.67	18.5
45		240	0	17.67	17.79	17.72	18.5
45	QPSK	1	1	17.64	17.82	17.76	18.5
45		1	120	17.61	17.81	17.71	18.5
45		1	240	17.68	17.78	17.61	18.5
45		120	0	17.58	17.72	17.63	18.5
45		120	60	17.63	17.74	17.66	18.5
45		120	120	17.66	17.82	17.78	18.5
45		240	0	17.61	17.73	17.67	18.5
45	16QAM	1	1	17.67	17.79	17.66	18.5
45	64QAM	1	1	17.62	17.72	17.58	18.5
45	256QAM	1	1	17.65	17.77	17.71	18.5
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	17.72	17.74	17.71	18.5
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	17.71	17.7	17.79	18.5
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	17.62	17.82	17.74	18.5
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	17.66	17.75	17.68	18.5
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	17.72	17.73	17.76	18.5
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	17.61	17.77	17.66	18.5
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	17.7	17.75	17.71	18.5
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	17.74	17.83	17.8	18.5

<FR1 n66_Ant6_DSI 3>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346500	349000	351500	Tune-up Limit (dBm)
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	19.1	19.19	19.13	19.5
45		1	120	18.97	19.07	18.94	19.5
45		1	240	19	19.12	18.98	19.5
45		120	0	18.93	19.08	19.01	19.5
45		120	60	19.11	19.18	19.09	19.5
45		120	120	18.98	19.15	18.94	19.5
45		240	0	19.04	19.17	19.08	19.5
45	QPSK	1	1	19.03	19.13	19.01	19.5
45		1	120	18.96	19.07	18.99	19.5
45		1	240	18.83	19.05	18.88	19.5
45		120	0	18.99	19.18	19.01	19.5
45		120	60	18.9	19.07	18.89	19.5
45		120	120	18.97	19.16	18.99	19.5
45		240	0	18.86	19.07	18.95	19.5

45	16QAM	1	1	19	19.17	19.09	19.5
45	64QAM	1	1	18.83	19.02	18.9	19.5
45	256QAM	1	1	18.96	19.19	19.05	19.5
Channel				346000	349000	352000	Tune-up Limit
Frequency (MHz)				1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	19.02	19.09	19.01	19.5
Channel				345500	349000	352500	Tune-up Limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	18.95	19.08	19.12	19.5
Channel				345000	349000	353000	Tune-up Limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	19.03	19.16	19.03	19.5
Channel				344500	349000	353500	Tune-up Limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	19.04	19.07	19	19.5
Channel				344000	349000	354000	Tune-up Limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	19.01	19.12	19.12	19.5
Channel				343500	349000	354500	Tune-up Limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	18.99	19.16	19.01	19.5
Channel				343000	349000	355000	Tune-up Limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	18.97	19.1	19.11	19.5
Channel				342500	349000	355500	Tune-up Limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	19.04	19.1	19.06	19.5

<FR1 n66_Ant7_DSI 3>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	17.95	17.98	17.92	18.5
45		1	120	17.87	17.97	17.79	18.5
45		1	240	17.87	17.95	17.82	18.5
45		120	0	17.78	17.93	17.79	18.5
45		120	60	17.89	17.96	17.84	18.5
45		120	120	17.8	17.92	17.72	18.5
45	QPSK	240	0	17.86	17.92	17.81	18.5
45		1	1	17.82	17.91	17.79	18.5
45		1	120	17.88	17.99	17.91	18.5
45		1	240	17.86	17.96	17.89	18.5
45		120	0	17.84	17.97	17.76	18.5
45		120	60	17.94	17.98	17.83	18.5
45	16QAM	120	120	17.88	17.97	17.78	18.5
45		240	0	17.79	17.88	17.78	18.5
45		1	1	17.82	17.95	17.76	18.5
45	64QAM	1	1	17.84	17.92	17.84	18.5
45	256QAM	1	1	17.82	17.91	17.73	18.5
Channel				346000	349000	352000	Tune-up Limit
Frequency (MHz)				1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	17.84	17.92	17.81	18.5
Channel				345500	349000	352500	Tune-up Limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	17.81	17.9	17.84	18.5
Channel				345000	349000	353000	Tune-up Limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	17.92	17.94	17.83	18.5
Channel				344500	349000	353500	Tune-up Limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	17.93	17.95	17.87	18.5
Channel				344000	349000	354000	Tune-up Limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	17.83	17.89	17.9	18.5
Channel				343500	349000	354500	Tune-up Limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	17.81	17.87	17.83	18.5
Channel				343000	349000	355000	Tune-up Limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	17.92	17.93	17.87	18.5
Channel				342500	349000	355500	Tune-up Limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	17.85	17.85	17.9	18.5

<FR1 n5_Ant0_DSI 4>							
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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	24.11	24.19	24.15	25
20		1	53	23.85	23.99	23.9	25
20		1	104	23.84	23.96	23.9	25
20		50	0	23.38	23.51	23.36	24.5
20		50	28	24.01	24.11	23.99	25
20		50	56	23.4	23.51	23.43	24.5
20	QPSK	100	0	23.3	23.52	23.44	24.5
20		1	1	23.84	23.97	23.87	25
20		1	53	23.86	24.05	23.9	25
20		1	104	23.97	24.11	23.99	25
20		50	0	22.77	22.98	22.86	24
20		50	28	23.66	23.87	23.78	25
20	16QAM	50	56	22.76	22.96	22.89	24
20		100	0	22.91	23.02	22.87	24
20	64QAM	1	1	22.83	22.92	22.76	24
20	256QAM	1	1	21.16	21.33	21.28	22.5
20		1	1	19.17	19.31	19.15	20.5
Channel				166300	167300	168300	Tune-up Limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	24	24.15	24.13	25
Channel				165800	167300	168800	Tune-up Limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	24.01	24.13	24.08	25
Channel				165300	167300	169300	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	23.99	24.17	24.14	25

<FR1 n5_Ant1_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				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	23.97	24.02	23.94	25
20		1	53	23.68	23.81	23.59	25
20		1	104	23.7	23.77	23.56	25
20		50	0	23.19	23.26	23.1	24.5
20		50	28	23.87	23.95	23.84	25
20		50	56	23.21	23.28	23.12	24.5
20	QPSK	100	0	23.46	23.56	23.43	24.5
20		1	1	23.67	23.74	23.59	25
20		1	53	23.75	23.87	23.76	25
20		1	104	23.78	23.92	23.71	25
20		50	0	22.72	22.79	22.59	24
20		50	28	23.59	23.7	23.56	25
20	16QAM	50	56	22.62	22.77	22.57	24
20		100	0	22.67	22.83	22.64	24
20	64QAM	1	1	22.61	22.72	22.5	24
20	256QAM	1	1	21.12	21.2	20.98	22.5
20		1	1	19.03	19.17	19.01	20.5
Channel				166300	167300	168300	Tune-up Limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	23.86	23.93	23.88	25
Channel				165800	167300	168800	Tune-up Limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	23.94	23.87	23.89	25
Channel				165300	167300	169300	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	23.94	24	23.91	25

<FR1 n66_Ant4_DSI 4>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	24.18	24.25	24.22	25.5
45		1	120	24.02	24.17	24.02	25.5
45		1	240	24	24.13	24.08	25.5
45		120	0	23.55	23.69	23.54	25
45		120	60	24.06	24.22	24.08	25.5
45		120	120	23.54	23.73	23.69	25

45		240	0	23.56	23.66	23.53	25
45		1	1	24.01	24.15	24.04	25.5
45		1	120	23.95	24.11	23.99	25.5
45		1	240	23.95	24.09	24	25.5
45	QPSK	120	0	22.91	23.11	23.05	24.5
45		120	60	24	24.15	24.09	25.5
45		120	120	23.03	23.16	23.03	24.5
45		240	0	23.15	23.27	23.18	24.5
45	16QAM	1	1	23.09	23.19	23.12	24.5
45	64QAM	1	1	21.33	21.54	21.45	23
45	256QAM	1	1	19.42	19.62	19.53	21
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	24.11	24.11	24.13	25.5
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	24.05	24.24	24.11	25.5
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	24.04	24.12	24.12	25.5
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	24.14	24.11	24.14	25.5
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	24.13	24.18	24.19	25.5
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	24.12	24.12	24.16	25.5
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	24.14	24.18	24.09	25.5
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	24.13	24.12	24.18	25.5

<FR1 n66_Ant5_DSI 4>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45		1	1	23.47	23.53	23.51	24.5
45		1	120	23.24	23.42	23.37	24.5
45		1	240	23.24	23.38	23.25	24.5
45	PI/2 BPSK	120	0	22.82	23.01	22.89	24
45		120	60	23.46	23.52	23.48	24.5
45		120	120	22.92	23.08	22.94	24
45		240	0	22.28	22.48	22.36	24
45		1	1	23.28	23.45	23.33	24.5
45		1	120	23.25	23.45	23.29	24.5
45		1	240	23.28	23.44	23.3	24.5
45	QPSK	120	0	22.23	22.43	22.3	23.5
45		120	60	23.35	23.44	23.41	24.5
45		120	120	22.35	22.51	22.45	23.5
45		240	0	22.44	22.59	22.47	23.5
45	16QAM	1	1	22.29	22.48	22.37	23.5
45	64QAM	1	1	20.65	20.8	20.77	22
45	256QAM	1	1	18.82	18.92	18.89	20
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	23.36	23.52	23.43	24.5
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	23.39	23.46	23.36	24.5
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	23.45	23.46	23.47	24.5
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	23.33	23.42	23.41	24.5
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	23.37	23.47	23.43	24.5
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	23.37	23.5	23.47	24.5

Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	23.45	23.45	23.43	24.5
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	23.4	23.4	23.38	24.5

<FR1 n66_Ant6_DSI 4>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	19.1	19.19	19.13	19.5
45		1	120	18.97	19.07	18.94	19.5
45		1	240	19	19.12	18.98	19.5
45		120	0	18.93	19.08	19.01	19.5
45		120	60	19.11	19.18	19.09	19.5
45		120	120	18.98	19.15	18.94	19.5
45	QPSK	240	0	19.04	19.17	19.08	19.5
45		1	1	19.03	19.13	19.01	19.5
45		1	120	18.96	19.07	18.99	19.5
45		1	240	18.83	19.05	18.88	19.5
45		120	0	18.99	19.18	19.01	19.5
45		120	60	18.9	19.07	18.89	19.5
45	16QAM	120	120	18.97	19.16	18.99	19.5
45		240	0	18.86	19.07	18.95	19.5
45		1	1	19	19.17	19.09	19.5
45	64QAM	1	1	18.83	19.02	18.9	19.5
45	256QAM	1	1	18.96	19.19	19.05	19.5
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	19.02	19.09	19.01	19.5
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	18.95	19.08	19.12	19.5
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	19.03	19.16	19.03	19.5
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	19.04	19.07	19	19.5
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	19.01	19.12	19.12	19.5
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	18.99	19.16	19.01	19.5
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	18.97	19.1	19.11	19.5
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	19.04	19.1	19.06	19.5

<FR1 n66_Ant7_DSI 4>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	17.95	17.98	17.92	18.5
45		1	120	17.87	17.97	17.79	18.5
45		1	240	17.87	17.95	17.82	18.5
45		120	0	17.78	17.93	17.79	18.5
45		120	60	17.89	17.96	17.84	18.5
45		120	120	17.8	17.92	17.72	18.5
45	QPSK	240	0	17.86	17.92	17.81	18.5
45		1	1	17.82	17.91	17.79	18.5
45		1	120	17.88	17.99	17.91	18.5
45		1	240	17.86	17.96	17.89	18.5
45		120	0	17.84	17.97	17.76	18.5
45		120	60	17.94	17.98	17.83	18.5
45	16QAM	120	120	17.88	17.97	17.78	18.5
45		240	0	17.79	17.88	17.78	18.5
45		1	1	17.82	17.95	17.76	18.5
45	64QAM	1	1	17.84	17.92	17.84	18.5

45	256QAM	1	1	17.82	17.91	17.73	18.5
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	17.84	17.92	17.81	18.5
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	17.81	17.9	17.84	18.5
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	17.92	17.94	17.83	18.5
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	17.93	17.95	17.87	18.5
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	17.83	17.89	17.9	18.5
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	17.81	17.87	17.83	18.5
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	17.92	17.93	17.87	18.5
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	17.85	17.85	17.9	18.5

Bluetooth Conducted Power

【Bluetooth_Ant7_Full power】

Mode	Channel	Frequency (MHz)	Ant7		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
BR / EDR 1Mbps	0	2402	19.23	21.00	77.32
	39	2441	20.26	22.00	
	78	2480	19.90	21.50	
BR / EDR 2Mbps	0	2402	16.07	17.50	77.32
	39	2441	17.22	18.50	
	78	2480	17.05	18.50	
BR / EDR 3Mbps	0	2402	16.16	17.50	77.32
	39	2441	17.15	18.50	
	78	2480	17.04	18.50	
LE 125kbps	0	2402	12.63	14.00	82.71
	19	2440	12.71	14.00	
	39	2480	12.29	14.00	
LE 500kbps	0	2402	12.55	14.00	56.91
	19	2440	12.63	14.00	
	39	2480	12.22	14.00	
LE 1Mbps	0	2402	17.66	19.00	61.90
	19	2440	18.82	20.50	
	39	2480	18.61	20.00	
LE 2Mbps	0	2402	18.55	20.00	33.33
	19	2440	18.89	20.50	
	39	2480	19.29	21.00	

【Bluetooth_Ant7_Head Standalone】

Mode	Channel	Frequency (MHz)	Ant7		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
BR / EDR 1Mbps	0	2402	18.37	19.50	77.32
	39	2441	18.47	19.50	
	78	2480	17.96	19.50	
BR / EDR 2Mbps	0	2402	15.42	17.00	77.32
	39	2441	15.47	17.00	
	78	2480	14.93	16.50	
BR / EDR 3Mbps	0	2402	15.50	17.00	77.32
	39	2441	15.46	17.00	
	78	2480	14.99	16.50	
LE 125kbps	0	2402	12.63	14.00	82.71
	19	2440	12.71	14.00	

LE 500kbps	39	2480	12.29	14.00	56.91
	0	2402	12.55	14.00	
	19	2440	12.63	14.00	
	39	2480	12.22	14.00	
LE 1Mbps	0	2402	17.66	19.00	61.90
	19	2440	18.82	19.50	
	39	2480	18.61	19.50	
	0	2402	18.55	19.50	
LE 2Mbps	19	2440	18.89	19.50	33.33
	39	2480	19.29	19.50	
	0	2402	18.55	19.50	
	19	2440	18.89	19.50	

【Bluetooth_Ant7_Body-worn Standalone】

Mode	Channel	Frequency (MHz)	Ant7		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
BR / EDR 1Mbps	0	2402	18.37	19.50	77.32
	39	2441	18.47	19.50	
	78	2480	17.96	19.50	
BR / EDR 2Mbps	0	2402	15.42	17.00	77.32
	39	2441	15.47	17.00	
	78	2480	14.93	16.50	
BR / EDR 3Mbps	0	2402	15.50	17.00	77.32
	39	2441	15.46	17.00	
	78	2480	14.99	16.50	
LE 125kbps	0	2402	12.63	14.00	82.71
	19	2440	12.71	14.00	
	39	2480	12.29	14.00	
LE 500kbps	0	2402	12.55	14.00	56.91
	19	2440	12.63	14.00	
	39	2480	12.22	14.00	
LE 1Mbps	0	2402	17.66	19.00	61.90
	19	2440	18.82	19.50	
	39	2480	18.61	19.50	
LE 2Mbps	0	2402	18.55	19.50	33.33
	19	2440	18.89	19.50	
	39	2480	19.29	19.50	

【Bluetooth_Ant7_Hotspot】

Mode	Channel	Frequency (MHz)	Ant7		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
BR / EDR 1Mbps	0	2402	18.37	19.50	77.32
	39	2441	18.47	19.50	
	78	2480	17.96	19.50	
BR / EDR 2Mbps	0	2402	15.42	17.00	77.32
	39	2441	15.47	17.00	
	78	2480	14.93	16.50	
BR / EDR 3Mbps	0	2402	15.50	17.00	77.32
	39	2441	15.46	17.00	
	78	2480	14.99	16.50	
LE 125kbps	0	2402	12.63	14.00	82.71
	19	2440	12.71	14.00	
	39	2480	12.29	14.00	
LE 500kbps	0	2402	12.55	14.00	56.91
	19	2440	12.63	14.00	
	39	2480	12.22	14.00	
LE 1Mbps	0	2402	17.66	19.00	61.90
	19	2440	18.82	19.50	
	39	2480	18.61	19.50	
LE 2Mbps	0	2402	18.55	19.50	33.33
	19	2440	18.89	19.50	
	39	2480	19.29	19.50	

【Bluetooth_Ant12_Full power】

Mode	Channel	Frequency (MHz)	Ant12		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
BR / EDR 1Mbps	0	2402	19.27	21.00	77.06
	39	2441	19.25	21.00	
	78	2480	19.11	20.50	
BR / EDR 2Mbps	0	2402	16.33	18.00	77.06
	39	2441	16.35	18.00	
	78	2480	16.15	17.50	
BR / EDR 3Mbps	0	2402	16.37	18.00	77.06
	39	2441	16.35	18.00	
	78	2480	16.23	17.50	
LE 125kbps	0	2402	12.36	14.00	82.67
	19	2440	12.72	14.00	
	39	2480	12.57	14.00	
LE 500kbps	0	2402	12.30	14.00	56.91
	19	2440	12.69	14.00	
	39	2480	12.55	14.00	
LE 1Mbps	0	2402	17.79	19.50	61.90
	19	2440	17.84	19.50	
	39	2480	17.57	19.00	
LE 2Mbps	0	2402	17.86	19.50	33.33
	19	2440	17.99	19.50	
	39	2480	17.67	19.00	

【Bluetooth_Ant12_Head Standalone】

Mode	Channel	Frequency (MHz)	Ant12		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
BR / EDR 1Mbps	0	2402	18.31	20.00	77.06
	39	2441	18.51	20.00	
	78	2480	17.00	18.50	
BR / EDR 2Mbps	0	2402	15.52	17.00	77.06
	39	2441	15.75	17.00	
	78	2480	14.08	15.50	
BR / EDR 3Mbps	0	2402	15.60	17.00	77.06
	39	2441	15.81	17.00	
	78	2480	14.11	15.50	
LE 125kbps	0	2402	12.36	14.00	82.67
	19	2440	12.72	14.00	
	39	2480	12.57	14.00	
LE 500kbps	0	2402	12.30	14.00	56.91
	19	2440	12.69	14.00	
	39	2480	12.55	14.00	
LE 1Mbps	0	2402	17.79	19.50	61.90
	19	2440	17.84	19.50	
	39	2480	17.57	19.00	
LE 2Mbps	0	2402	17.86	19.50	33.33
	19	2440	17.99	19.50	
	39	2480	17.67	19.00	

【Bluetooth_Ant12_Body-worn Standalone】

Mode	Channel	Frequency (MHz)	Ant12		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
BR / EDR 1Mbps	0	2402	18.31	20.00	77.06
	39	2441	18.51	20.00	
	78	2480	17.00	18.50	
BR / EDR 2Mbps	0	2402	15.52	17.00	77.06
	39	2441	15.75	17.00	
	78	2480	14.08	15.50	
BR / EDR 3Mbps	0	2402	15.60	17.00	77.06
	39	2441	15.81	17.00	
	78	2480	14.11	15.50	
LE 125kbps	0	2402	12.36	14.00	82.67
	19	2440	12.72	14.00	
	39	2480	12.57	14.00	

LE 500kbps	0	2402	12.30	14.00	56.91
	19	2440	12.69	14.00	
	39	2480	12.55	14.00	
LE 1Mbps	0	2402	17.79	19.50	61.90
	19	2440	17.84	19.50	
	39	2480	17.57	19.00	
LE 2Mbps	0	2402	17.86	19.50	33.33
	19	2440	17.99	19.50	
	39	2480	17.67	19.00	

【Bluetooth_Ant12_Hotspot】

Mode	Channel	Frequency (MHz)	Ant12		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
BR / EDR 1Mbps	0	2402	18.31	20.00	77.06
	39	2441	18.51	20.00	
	78	2480	17.00	18.50	
BR / EDR 2Mbps	0	2402	15.52	17.00	77.06
	39	2441	15.75	17.00	
	78	2480	14.08	15.50	
BR / EDR 3Mbps	0	2402	15.60	17.00	77.06
	39	2441	15.81	17.00	
	78	2480	14.11	15.50	
LE 125kbps	0	2402	12.36	14.00	82.67
	19	2440	12.72	14.00	
	39	2480	12.57	14.00	
LE 500kbps	0	2402	12.30	14.00	56.91
	19	2440	12.69	14.00	
	39	2480	12.55	14.00	
LE 1Mbps	0	2402	17.79	19.50	61.90
	19	2440	17.84	19.50	
	39	2480	17.57	19.00	
LE 2Mbps	0	2402	17.86	19.50	33.33
	19	2440	17.99	19.50	
	39	2480	17.67	19.00	

Bluetooth Beamforming

Bluetooth		ANT12			
Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	12.90	11.60	11.60
	CH 39	2441	13.20	11.50	11.50
	CH 78	2480	12.80	11.20	11.20
Tune-up Limit			14.00	13.00	13.00

Bluetooth		ANT7			
Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	13.00	10.70	10.70
	CH 39	2441	12.80	11.70	11.70
	CH 78	2480	12.10	10.70	10.70
Tune-up Limit			14.00	12.50	12.50

Bluetooth		ANT12+7			
Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	15.96	14.18	14.18
	CH 39	2441	16.01	14.61	14.61
	CH 78	2480	15.47	13.97	13.97
Tune-up Limit			17.00	15.50	15.50

WLAN Conducted Power

【2.4GHz WLAN_Ant7_Full Power】

Mode	Channel	Frequency (MHz)	Ant7		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	20.37	21.00	97.10
	6	2437	19.62	20.50	
	11	2462	19.71	20.50	
802.11g 6Mbps	1	2412	19.98	20.50	99.05
	6	2437	19.50	20.00	
	11	2462	19.68	20.50	
802.11n-HT20 MCS0	1	2412	19.38	20.00	99.63
	6	2437	19.23	20.00	
	11	2462	19.13	20.00	
802.11n-HT40 MCS0	3	2422	18.92	19.50	99.63
	6	2437	19.17	20.00	
	9	2452	19.15	20.00	
802.11ax-HE20 MCS0	1	2412	19.10	20.00	99.63
	6	2437	19.05	20.00	
	11	2462	18.89	19.50	
802.11ax-HE40 MCS0	3	2422	19.17	20.00	99.82
	6	2437	19.74	20.50	
	9	2452	19.35	20.00	
802.11be-EHT20 MCS0	1	2412	19.12	20.00	99.82
	6	2437	19.11	20.00	
	11	2462	18.93	19.50	
802.11be-EHT40 MCS0	3	2422	19.24	20.00	99.63
	6	2437	19.80	20.50	
	9	2452	19.38	20.00	

【2.4GHz WLAN_Ant7_Head Standalone】

Mode	Channel	Frequency (MHz)	Ant7		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	18.32	19.00	97.10
	6	2437	18.24	19.00	
	11	2462	18.27	19.00	
802.11g 6Mbps	1	2412	Not Required	19.00	Not Required
	6	2437		19.00	
	11	2462		19.00	
802.11n-HT20 MCS0	1	2412	Not Required	19.00	Not Required
	6	2437		19.00	
	11	2462		19.00	
802.11n-HT40 MCS0	3	2422	18.35	19.00	99.63
	6	2437	18.41	19.00	
	9	2452	18.39	19.00	
802.11ax-HE20 MCS0	1	2412	Not Required	19.00	Not Required
	6	2437		19.00	
	11	2462		19.00	
802.11ax-HE40 MCS0	3	2422	Not Required	19.00	Not Required
	6	2437		19.00	
	9	2452		19.00	
802.11be-EHT20 MCS0	1	2412	Not Required	19.00	Not Required
	6	2437		19.00	
	11	2462		19.00	
802.11be-EHT40 MCS0	3	2422	Not Required	19.00	Not Required
	6	2437		19.00	
	9	2452		19.00	

【2.4GHz WLAN_Ant7_Body-worn Standalone】

Mode	Channel	Frequency (MHz)	Ant7		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	18.32	19.00	97.10
	6	2437	18.24	19.00	
	11	2462	18.27	19.00	

802.11g 6Mbps	1	2412	Not Required	19.00	Not Required
	6	2437		19.00	
	11	2462		19.00	
802.11n-HT20 MCS0	1	2412		19.00	
	6	2437		19.00	
	11	2462		19.00	
802.11n-HT40 MCS0	3	2422	18.35	19.00	99.63
	6	2437	18.41	19.00	
	9	2452	18.39	19.00	
802.11ax-HE20 MCS0	1	2412	Not Required	19.00	Not Required
	6	2437		19.00	
	11	2462		19.00	
802.11ax-HE40 MCS0	3	2422		19.00	
	6	2437		19.00	
	9	2452		19.00	
802.11be-EHT20 MCS0	1	2412		19.00	
	6	2437		19.00	
	11	2462		19.00	
802.11be-EHT40 MCS0	3	2422		19.00	
	6	2437		19.00	
	9	2452		19.00	

【2.4GHz WLAN_Ant7_Hotspot】

			Ant7		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	20.37	21.00	97.10
	6	2437	19.62	20.50	
	11	2462	19.71	20.50	
802.11g 6Mbps	1	2412	19.98	20.50	99.05
	6	2437	19.50	20.00	
	11	2462	19.68	20.50	
802.11n-HT20 MCS0	1	2412	19.38	20.00	99.63
	6	2437	19.23	20.00	
	11	2462	19.13	20.00	
802.11n-HT40 MCS0	3	2422	18.92	19.50	99.63
	6	2437	19.17	20.00	
	9	2452	19.15	20.00	
802.11ax-HE20 MCS0	1	2412	19.10	20.00	99.63
	6	2437	19.05	20.00	
	11	2462	18.89	19.50	
802.11ax-HE40 MCS0	3	2422	19.17	20.00	99.82
	6	2437	19.74	20.50	
	9	2452	19.35	20.00	
802.11be-EHT20 MCS0	1	2412	19.12	20.00	99.82
	6	2437	19.11	20.00	
	11	2462	18.93	19.50	
802.11be-EHT40 MCS0	3	2422	19.24	20.00	99.63
	6	2437	19.80	20.50	
	9	2452	19.38	20.00	

【2.4GHz WLAN_Ant12_Full Power】

Mode	Channel	Frequency (MHz)	Ant12		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	19.86	20.50	98.53
	6	2437	19.81	20.50	
	11	2462	19.34	20.00	
802.11g 6Mbps	1	2412	19.53	20.50	99.05
	6	2437	19.70	20.50	
	11	2462	19.50	20.00	
802.11n-HT20 MCS0	1	2412	19.03	20.00	99.63
	6	2437	19.27	20.00	
	11	2462	18.93	19.50	
802.11n-HT40 MCS0	3	2422	18.23	19.00	99.82
	6	2437	18.47	19.00	
	9	2452	18.56	19.50	
802.11ax-HE20 MCS0	1	2412	18.60	19.50	99.82
	6	2437	18.80	19.50	
	11	2462	18.58	19.50	
802.11ax-HE40 MCS0	3	2422	18.91	19.50	99.63
	6	2437	19.10	20.00	
	9	2452	19.13	20.00	
802.11be-EHT20 MCS0	1	2412	18.61	19.50	99.82
	6	2437	18.85	19.50	
	11	2462	18.62	19.50	
802.11be-EHT40 MCS0	3	2422	18.94	19.50	99.82
	6	2437	19.15	20.00	
	9	2452	19.17	20.00	

【2.4GHz WLAN_Ant12_Head Standalone】

Mode	Channel	Frequency (MHz)	Ant12		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	17.82	18.50	98.53
	6	2437	17.78	18.50	
	11	2462	17.71	18.50	
802.11g 6Mbps	1	2412	Not Required	18.50	Not Required
	6	2437		18.50	
	11	2462		18.50	
802.11n-HT20 MCS0	1	2412		18.50	
	6	2437		18.50	
	11	2462		18.50	
802.11n-HT40 MCS0	3	2422	17.82	18.50	99.82
	6	2437	17.95	18.50	
	9	2452	17.78	18.50	
802.11ax-HE20 MCS0	1	2412	Not Required	18.50	Not Required
	6	2437		18.50	
	11	2462		18.50	
802.11ax-HE40 MCS0	3	2422		18.50	
	6	2437		18.50	
	9	2452		18.50	
802.11be-EHT20 MCS0	1	2412		18.50	
	6	2437		18.50	
	11	2462		18.50	
802.11be-EHT40 MCS0	3	2422		18.50	
	6	2437		18.50	
	9	2452		18.50	

【2.4GHz WLAN_Ant12_Body-worn Standalone】

Mode	Channel	Frequency (MHz)	Ant12		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	17.82	18.50	98.53
	6	2437	17.78	18.50	
	11	2462	17.71	18.50	
802.11g 6Mbps	1	2412	Not Required	18.50	Not Required
	6	2437		18.50	
	11	2462		18.50	

802.11n-HT20 MCS0	1	2412	17.82	18.50	99.82
	6	2437		18.50	
	11	2462		18.50	
802.11n-HT40 MCS0	3	2422	17.95	18.50	99.82
	6	2437	17.78	18.50	
	9	2452		18.50	
802.11ax-HE20 MCS0	1	2412	Not Required	18.50	Not Required
	6	2437		18.50	
	11	2462		18.50	
802.11ax-HE40 MCS0	3	2422		18.50	
	6	2437		18.50	
	9	2452		18.50	
802.11be-EHT20 MCS0	1	2412		18.50	
	6	2437		18.50	
	11	2462		18.50	
802.11be-EHT40 MCS0	3	2422		18.50	
	6	2437		18.50	
	9	2452		18.50	

【2.4GHz WLAN_Ant12_Hotspot】

			Ant12		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	19.86	20.50	98.53
	6	2437	19.81	20.50	
	11	2462	19.34	20.00	
802.11g 6Mbps	1	2412	19.53	20.50	99.05
	6	2437	19.70	20.50	
	11	2462	19.50	20.00	
802.11n-HT20 MCS0	1	2412	19.03	20.00	99.63
	6	2437	19.27	20.00	
	11	2462	18.93	19.50	
802.11n-HT40 MCS0	3	2422	18.23	19.00	99.82
	6	2437	18.47	19.00	
	9	2452	18.56	19.50	
802.11ax-HE20 MCS0	1	2412	18.60	19.50	99.82
	6	2437	18.80	19.50	
	11	2462	18.58	19.50	
802.11ax-HE40 MCS0	3	2422	18.91	19.50	99.63
	6	2437	19.10	20.00	
	9	2452	19.13	20.00	
802.11be-EHT20 MCS0	1	2412	18.61	19.50	99.82
	6	2437	18.85	19.50	
	11	2462	18.62	19.50	
802.11be-EHT40 MCS0	3	2422	18.94	19.50	99.82
	6	2437	19.15	20.00	
	9	2452	19.17	20.00	

【2.4GHz WLAN_Ant 7+12_Full Power】

			Ant 7+12		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11n-HT20 MCS0	1	2412	22.22	23.00	99.63
	6	2437	22.26	23.00	
	11	2462	22.04	23.00	
802.11n-HT40 MCS0	3	2422	21.60	22.50	99.82
	6	2437	21.84	22.50	
	9	2452	21.88	22.50	
802.11ax-HE20 MCS0	1	2412	21.87	22.50	99.82
	6	2437	21.94	22.50	
	11	2462	21.75	22.50	
802.11ax-HE40 MCS0	3	2422	22.05	23.00	99.82
	6	2437	22.44	23.00	
	9	2452	22.25	23.00	
802.11be-EHT20 MCS0	1	2412	21.88	22.50	99.82
	6	2437	21.99	22.50	
	11	2462	21.79	22.50	
802.11be-EHT40 MCS0	3	2422	22.10	23.00	99.82
	6	2437	22.50	23.00	
	9	2452	22.29	23.00	

【2.4GHz WLAN_Ant 7+12_Head Standalone】

Mode	Channel	Frequency (MHz)	Ant 7+12		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11n-HT20 MCS0	1	2412	Not Required	22.00	Not Required
	6	2437		22.00	
	11	2462		22.00	
802.11n-HT40 MCS0	3	2422	21.10	22.00	99.82
	6	2437	21.20	22.00	
	9	2452	21.11	22.00	
802.11ax-HE20 MCS0	1	2412	Not Required	22.00	Not Required
	6	2437		22.00	
	11	2462		22.00	
802.11ax-HE40 MCS0	3	2422		22.00	
	6	2437		22.00	
	9	2452		22.00	
802.11be-EHT20 MCS0	1	2412		22.00	
	6	2437		22.00	
	11	2462		22.00	
802.11be-EHT40 MCS0	3	2422		22.00	
	6	2437		22.00	
	9	2452		22.00	

【2.4GHz WLAN_Ant 7+12_Body-worn Standalone】

Mode	Channel	Frequency (MHz)	Ant 7+12		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11n-HT20 MCS0	1	2412	Not Required	22.00	Not Required
	6	2437		22.00	
	11	2462		22.00	
802.11n-HT40 MCS0	3	2422	21.10	22.00	99.82
	6	2437	21.20	22.00	
	9	2452	21.11	22.00	
802.11ax-HE20 MCS0	1	2412	Not Required	22.00	Not Required
	6	2437		22.00	
	11	2462		22.00	
802.11ax-HE40 MCS0	3	2422		22.00	
	6	2437		22.00	
	9	2452		22.00	
802.11be-EHT20 MCS0	1	2412		22.00	
	6	2437		22.00	
	11	2462		22.00	
802.11be-EHT40 MCS0	3	2422		22.00	
	6	2437		22.00	
	9	2452		22.00	

【2.4GHz WLAN_Ant 7+12_Hotspot】

Mode	Channel	Frequency (MHz)	Ant 7+12		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11n-HT20 MCS0	1	2412	22.22	23.00	99.63
	6	2437	22.26	23.00	
	11	2462	22.04	23.00	
802.11n-HT40 MCS0	3	2422	21.60	22.50	99.82
	6	2437	21.84	22.50	
	9	2452	21.88	22.50	
802.11ax-HE20 MCS0	1	2412	21.87	22.50	99.82
	6	2437	21.94	22.50	
	11	2462	21.75	22.50	
802.11ax-HE40 MCS0	3	2422	22.05	23.00	99.82
	6	2437	22.44	23.00	
	9	2452	22.25	23.00	
802.11be-EHT20 MCS0	1	2412	21.88	22.50	99.82
	6	2437	21.99	22.50	
	11	2462	21.79	22.50	
802.11be-EHT40 MCS0	3	2422	22.10	23.00	99.82
	6	2437	22.50	23.00	

	9	2452	22.29	23.00	
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【5.2GHz WLAN_Ant 8+10_Full Power】

Mode	Channel	Frequency (MHz)	Ant 8+10(8)		Ant 8+10(10)		Ant 8+10		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	19.66	20.50	18.88	19.50	22.30	23.00	99.06
	40	5200	19.55	20.50	18.66	19.50	22.14	23.00	
	44	5220	19.72	20.50	18.71	19.50	22.25	23.00	
	48	5240	19.71	20.50	18.69	19.50	22.24	23.00	
802.11n-HT20 MCS0	36	5180	19.34	20.00	18.64	19.50	22.01	23.00	99.63
	40	5200	19.23	20.00	18.41	19.00	21.85	22.50	
	44	5220	19.21	20.00	18.44	19.00	21.85	22.50	
	48	5240	19.31	20.00	18.45	19.00	21.91	22.50	
802.11n-HT40 MCS0	38	5190	18.61	19.50	17.93	18.50	21.29	22.00	100.00
	46	5230	18.83	19.50	17.84	18.50	21.37	22.00	
802.11ac-VHT20 MCS0	36	5180	19.27	20.00	18.58	19.50	21.95	22.50	100.00
	40	5200	19.19	20.00	18.37	19.00	21.81	22.50	
	44	5220	19.14	20.00	18.38	19.00	21.79	22.50	
	48	5240	19.24	20.00	18.39	19.00	21.85	22.50	
802.11ac-VHT40 MCS0	38	5190	18.56	19.50	17.89	18.50	21.25	22.00	100.00
	46	5230	18.78	19.50	17.80	18.50	21.33	22.00	
802.11ac-VHT80 MCS0	42	5210	17.88	18.50	16.75	17.50	20.36	21.00	100.00
802.11ax-HE20 MCS0	36	5180	19.37	20.00	18.67	19.50	22.04	23.00	100.00
	40	5200	19.26	20.00	18.46	19.50	21.89	22.50	
	44	5220	19.24	20.00	18.47	19.00	21.88	22.50	
	48	5240	19.34	20.00	18.48	19.00	21.94	22.50	
802.11ax-HE40 MCS0	38	5190	18.97	19.50	18.25	19.00	21.64	22.50	100.00
	46	5230	19.67	20.50	18.64	19.50	22.20	23.00	
802.11ax-HE80 MCS0	42	5210	18.26	19.00	17.22	18.00	20.78	21.50	100.00
802.11be-EHT20 MCS0	36	5180	19.50	20.00	18.76	19.50	22.16	23.00	100.00
	40	5200	19.33	20.00	18.54	19.50	21.96	22.50	
	44	5220	19.37	20.00	18.56	19.50	21.99	22.50	
	48	5240	19.47	20.00	18.57	19.50	22.05	23.00	
802.11be-EHT40 MCS0	38	5190	19.01	20.00	18.36	19.00	21.71	22.50	99.82
	46	5230	19.76	20.50	18.76	19.50	22.30	23.00	
802.11be-EHT80 MCS0	42	5210	18.42	19.00	17.37	18.00	20.94	21.50	99.45

【5.2GHz WLAN_Ant 8+10_Head Standalone】

Mode	Channel	Frequency (MHz)	Ant 8+10(8)		Ant 8+10(10)		Ant 8+10		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	15.00	Not Required	14.50	Not Required	18.00	Not Required
	40	5200		15.00		14.50		18.00	
	44	5220		15.00		14.50		18.00	
	48	5240		15.00		14.50		18.00	
802.11n-HT20 MCS0	36	5180		15.00		14.50		18.00	
	40	5200		15.00		14.50		18.00	
	44	5220		15.00		14.50		18.00	
	48	5240		15.00		14.50		18.00	
802.11n-HT40 MCS0	38	5190		15.00		14.50		18.00	
	46	5230		15.00		14.50		18.00	
802.11ac-VHT20 MCS0	36	5180		15.00		14.50		18.00	
	40	5200		15.00		14.50		18.00	
	44	5220		15.00		14.50		18.00	
	48	5240		15.00		14.50		18.00	
802.11ac-VHT40 MCS0	38	5190		15.00		14.50		18.00	
	46	5230		15.00		14.50		18.00	
802.11ac-VHT80 MCS0	42	5210		15.00		14.50		18.00	
802.11ax-HE20 MCS0	36	5180		15.00		14.50		18.00	
	40	5200		15.00		14.50		18.00	
	44	5220		15.00		14.50		18.00	
	48	5240		15.00		14.50		18.00	
802.11ax-HE40 MCS0	38	5190		15.00		14.50		18.00	
	46	5230		15.00		14.50		18.00	
802.11ax-HE80 MCS0	42	5210		15.00		14.50		18.00	
802.11be-EHT20 MCS0	36	5180		15.00		14.50		18.00	
	40	5200		15.00		14.50		18.00	
	44	5220		15.00		14.50		18.00	
	48	5240		15.00		14.50		18.00	

802.11be-EHT40 MCS0	38	5190		15.00		14.50		18.00	
	46	5230		15.00		14.50		18.00	
802.11be-EHT80 MCS0	42	5210		15.00		14.50		18.00	

【5.2GHz WLAN_Ant 8+10_Body-worn Standalone】

Mode	Channel	Frequency (MHz)	Ant 8+10(8)		Ant 8+10(10)		Ant 8+10		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	19.00	Not Required	18.00	Not Required	21.50	Not Required
	40	5200		19.00		18.00		21.50	
	44	5220		19.00		18.00		21.50	
	48	5240		19.00		18.00		21.50	
802.11n-HT20 MCS0	36	5180		19.00		18.00		21.50	
	40	5200		19.00		18.00		21.50	
	44	5220		19.00		18.00		21.50	
	48	5240		19.00		18.00		21.50	
802.11n-HT40 MCS0	38	5190		19.00		18.00		21.50	
	46	5230		19.00		18.00		21.50	
802.11ac-VHT20 MCS0	36	5180		19.00		18.00		21.50	
	40	5200		19.00		18.00		21.50	
	44	5220		19.00		18.00		21.50	
	48	5240		19.00		18.00		21.50	
802.11ac-VHT40 MCS0	38	5190		19.00		18.00		21.50	
	46	5230		19.00		18.00		21.50	
802.11ac-VHT80 MCS0	42	5210		18.50		17.50		21.00	
802.11ax-HE20 MCS0	36	5180		19.00		18.00		21.50	
	40	5200		19.00		18.00		21.50	
	44	5220		19.00		18.00		21.50	
	48	5240		19.00		18.00		21.50	
802.11ax-HE40 MCS0	38	5190		19.00		18.00		21.50	
	46	5230		19.00		18.00		21.50	
802.11ax-HE80 MCS0	42	5210		19.00		18.00		21.50	
802.11be-EHT20 MCS0	36	5180		19.00		18.00		21.50	
	40	5200		19.00		18.00		21.50	
	44	5220		19.00		18.00		21.50	
	48	5240		19.00		18.00		21.50	
802.11be-EHT40 MCS0	38	5190		19.00		18.00		21.50	
	46	5230		19.00		18.00		21.50	
802.11be-EHT80 MCS0	42	5210		19.00		18.00		21.50	

【5.2GHz WLAN_Ant 8+10_Hotspot】

Mode	Channel	Frequency (MHz)	Ant 8+10(8)		Ant 8+10(10)		Ant 8+10		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	19.66	20.50	18.88	19.50	22.30	23.00	99.06
	40	5200	19.55	20.50	18.66	19.50	22.14	23.00	
	44	5220	19.72	20.50	18.71	19.50	22.25	23.00	
	48	5240	19.71	20.50	18.69	19.50	22.24	23.00	
802.11n-HT20 MCS0	36	5180	19.34	20.00	18.64	19.50	22.01	23.00	99.63
	40	5200	19.23	20.00	18.41	19.00	21.85	22.50	
	44	5220	19.21	20.00	18.44	19.00	21.85	22.50	
	48	5240	19.31	20.00	18.45	19.00	21.91	22.50	
802.11n-HT40 MCS0	38	5190	18.61	19.50	17.93	18.50	21.29	22.00	100.00
	46	5230	18.83	19.50	17.84	18.50	21.37	22.00	
802.11ac-VHT20 MCS0	36	5180	19.27	20.00	18.58	19.50	21.95	22.50	100.00
	40	5200	19.19	20.00	18.37	19.00	21.81	22.50	
	44	5220	19.14	20.00	18.38	19.00	21.79	22.50	
	48	5240	19.24	20.00	18.39	19.00	21.85	22.50	
802.11ac-VHT40 MCS0	38	5190	18.56	19.50	17.89	18.50	21.25	22.00	100.00
	46	5230	18.78	19.50	17.80	18.50	21.33	22.00	
802.11ac-VHT80 MCS0	42	5210	17.88	18.50	16.75	17.50	20.36	21.00	100.00
802.11ax-HE20 MCS0	36	5180	19.37	20.00	18.67	19.50	22.04	23.00	100.00
	40	5200	19.26	20.00	18.46	19.50	21.89	22.50	
	44	5220	19.24	20.00	18.47	19.00	21.88	22.50	
	48	5240	19.34	20.00	18.48	19.00	21.94	22.50	
802.11ax-HE40 MCS0	38	5190	18.97	19.50	18.25	19.00	21.64	22.50	100.00
	46	5230	19.67	20.50	18.64	19.50	22.20	23.00	
802.11ax-HE80 MCS0	42	5210	18.26	19.00	17.22	18.00	20.78	21.50	100.00
802.11be-EHT20 MCS0	36	5180	19.50	20.00	18.76	19.50	22.16	23.00	100.00
	40	5200	19.33	20.00	18.54	19.50	21.96	22.50	

	44	5220	19.37	20.00	18.56	19.50	21.99	22.50	
	48	5240	19.47	20.00	18.57	19.50	22.05	23.00	
802.11be-EHT40 MCS0	38	5190	19.01	20.00	18.36	19.00	21.71	22.50	99.82
	46	5230	19.76	20.50	18.76	19.50	22.30	23.00	
802.11be-EHT80 MCS0	42	5210	18.42	19.00	17.37	18.00	20.94	21.50	99.45

【5.3GHz WLAN_Ant 8+10_Full Power】

Mode	Channel	Frequency (MHz)	Ant 8+10(8)		Ant 8+10(10)		Ant 8+10		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	19.64	20.50	18.66	19.50	22.19	23.00	99.06
	56	5280	19.61	20.50	18.56	19.50	22.13	23.00	
	60	5300	19.74	20.50	18.67	19.50	22.25	23.00	
	64	5320	19.77	20.50	18.82	19.50	22.33	23.00	
802.11n-HT20 MCS0	52	5260	19.18	20.00	18.43	19.00	21.83	22.50	99.63
	56	5280	19.33	20.00	18.38	19.00	21.89	22.50	
	60	5300	19.35	20.00	18.44	19.00	21.93	22.50	
	64	5320	19.38	20.00	18.29	19.00	21.88	22.50	
802.11n-HT40 MCS0	54	5270	18.64	19.50	17.74	18.50	21.22	22.00	100.00
	62	5310	18.76	19.50	17.91	18.50	21.37	22.00	
802.11ac-VHT20 MCS0	52	5260	19.11	20.00	18.37	19.00	21.77	22.50	100.00
	56	5280	19.29	20.00	18.36	19.00	21.86	22.50	
	60	5300	19.28	20.00	18.38	19.00	21.86	22.50	
	64	5320	19.31	20.00	18.23	19.00	21.81	22.50	
802.11ac-VHT40 MCS0	54	5270	18.59	19.50	17.70	18.50	21.18	22.00	100.00
	62	5310	18.71	19.50	17.87	18.50	21.32	22.00	
802.11ac-VHT80 MCS0	58	5290	17.90	18.50	16.69	17.50	20.35	21.00	100.00
802.11ac-VHT160 MCS0	50	5250	17.10	18.00	15.98	16.50	19.59	20.50	100.00
802.11ax-HE20 MCS0	52	5260	19.21	20.00	18.46	19.00	21.86	22.50	100.00
	56	5280	19.36	20.00	18.44	19.00	21.93	22.50	
	60	5300	19.38	20.00	18.47	19.00	21.96	22.50	
	64	5320	19.41	20.00	18.32	19.00	21.91	22.50	
802.11ax-HE40 MCS0	54	5270	19.48	20.00	18.54	19.50	22.05	23.00	100.00
	62	5310	18.83	19.50	17.95	18.50	21.42	22.00	
802.11ax-HE80 MCS0	58	5290	17.91	18.50	16.70	17.50	20.36	21.00	100.00
802.11ax-HE160 MCS0	50	5250	17.22	18.00	16.09	17.00	19.70	20.50	100.00
802.11be-EHT20 MCS0	52	5260	19.34	20.00	18.55	19.50	21.97	22.50	100.00
	56	5280	19.46	20.00	18.51	19.50	22.02	23.00	
	60	5300	19.51	20.50	18.56	19.50	22.07	23.00	
	64	5320	19.54	20.50	18.41	19.00	22.02	23.00	
802.11be-EHT40 MCS0	54	5270	19.57	20.50	18.66	19.50	22.15	23.00	99.82
	62	5310	18.92	19.50	18.01	19.00	21.50	22.00	
802.11be-EHT80 MCS0	58	5290	17.95	18.50	16.87	17.50	20.45	21.00	99.45
802.11be-EHT160 MCS0	50	5250	17.32	18.00	16.22	17.00	19.82	20.50	100.00

【5.3GHz WLAN_Ant 8+10_Head Standalone】

Mode	Channel	Frequency (MHz)	Ant 8+10(8)		Ant 8+10(10)		Ant 8+10		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	15.00	Not Required	14.50	Not Required	18.00	Not Required
	56	5280		15.00		14.50		18.00	
	60	5300		15.00		14.50		18.00	
	64	5320		15.00		14.50		18.00	
802.11n-HT20 MCS0	52	5260		15.00		14.50		18.00	
	56	5280		15.00		14.50		18.00	
	60	5300		15.00		14.50		18.00	
	64	5320		15.00		14.50		18.00	
802.11n-HT40 MCS0	54	5270		15.00		14.50		18.00	
	62	5310		15.00		14.50		18.00	
802.11ac-VHT20 MCS0	52	5260		15.00		14.50		18.00	
	56	5280		15.00		14.50		18.00	
	60	5300		15.00		14.50		18.00	
	64	5320		15.00		14.50		18.00	
802.11ac-VHT40 MCS0	54	5270		15.00		14.50		18.00	
	62	5310		15.00		14.50		18.00	
802.11ac-VHT80 MCS0	58	5290		15.00		14.50		18.00	
802.11ac-VHT160 MCS0	50	5250	14.42	15.00	13.87	14.50	17.16	18.00	100.00
802.11ax-HE20 MCS0	52	5260	Not Required	15.00	Not Required	14.50	Not Required	18.00	Not Required
	56	5280		15.00		14.50		18.00	
	60	5300		15.00		14.50		18.00	

802.11ax-HE40 MCS0	64	5320		15.00		14.50		18.00	
	54	5270		15.00		14.50		18.00	
802.11ax-HE80 MCS0	62	5310		15.00		14.50		18.00	
	58	5290		15.00		14.50		18.00	
802.11ax-HE160 MCS0	50	5250		15.00		14.50		18.00	
	52	5260		15.00		14.50		18.00	
802.11be-EHT20 MCS0	56	5280		15.00		14.50		18.00	
	60	5300		15.00		14.50		18.00	
	64	5320		15.00		14.50		18.00	
	54	5270		15.00		14.50		18.00	
802.11be-EHT40 MCS0	62	5310		15.00		14.50		18.00	
	58	5290		15.00		14.50		18.00	
802.11be-EHT80 MCS0	58	5290		15.00		14.50		18.00	
802.11be-EHT160 MCS0	50	5250		15.00		14.50		18.00	

【5.3GHz WLAN_Ant 8+10_Body-worn Standalone】

Mode	Channel	Frequency (MHz)	Ant 8+10(8)		Ant 8+10(10)		Ant 8+10		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	19.00	Not Required	18.00	Not Required	21.50	Not Required
	56	5280		19.00		18.00		21.50	
	60	5300		19.00		18.00		21.50	
	64	5320		19.00		18.00		21.50	
802.11n-HT20 MCS0	52	5260	Not Required	19.00	Not Required	18.00	Not Required	21.50	Not Required
	56	5280		19.00		18.00		21.50	
	60	5300		19.00		18.00		21.50	
	64	5320		19.00		18.00		21.50	
802.11n-HT40 MCS0	54	5270	18.18	19.00	17.21	18.00	20.73	21.50	100.00
	62	5310	18.21	19.00	17.27	18.00	20.78	21.50	
802.11ac-VHT20 MCS0	52	5260	Not Required	19.00	Not Required	18.00	Not Required	21.50	Not Required
	56	5280		19.00		18.00		21.50	
	60	5300		19.00		18.00		21.50	
	64	5320		19.00		18.00		21.50	
802.11ac-VHT40 MCS0	54	5270	Not Required	19.00	Not Required	18.00	Not Required	21.50	Not Required
	62	5310		19.00		18.00		21.50	
802.11ac-VHT80 MCS0	58	5290	Not Required	18.50	Not Required	17.50	Not Required	21.00	Not Required
802.11ac-VHT160 MCS0	50	5250		18.00		16.50		20.50	
802.11ax-HE20 MCS0	52	5260	Not Required	19.00	Not Required	18.00	Not Required	21.50	Not Required
	56	5280		19.00		18.00		21.50	
	60	5300		19.00		18.00		21.50	
	64	5320		19.00		18.00		21.50	
802.11ax-HE40 MCS0	54	5270	Not Required	19.00	Not Required	18.00	Not Required	21.50	Not Required
	62	5310		19.00		18.00		21.50	
	58	5290		18.50		17.50		21.00	
	50	5250		18.00		17.00		20.50	
802.11be-EHT20 MCS0	52	5260	Not Required	19.00	Not Required	18.00	Not Required	21.50	Not Required
	56	5280		19.00		18.00		21.50	
	60	5300		19.00		18.00		21.50	
	64	5320		19.00		18.00		21.50	
802.11be-EHT40 MCS0	54	5270	Not Required	19.00	Not Required	18.00	Not Required	21.50	Not Required
	62	5310		19.00		18.00		21.50	
802.11be-EHT80 MCS0	58	5290	Not Required	18.50	Not Required	17.50	Not Required	21.00	Not Required
802.11be-EHT160 MCS0	50	5250		18.00		17.00		20.50	

【5.3GHz WLAN_Ant 8+10_Extremity Standalone】

Mode	Channel	Frequency (MHz)	Ant 8+10(8)		Ant 8+10(10)		Ant 8+10		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	19.00	Not Required	18.00	Not Required	21.50	Not Required
	56	5280		19.00		18.00		21.50	
	60	5300		19.00		18.00		21.50	
	64	5320		19.00		18.00		21.50	
802.11n-HT20 MCS0	52	5260	Not Required	19.00	Not Required	18.00	Not Required	21.50	Not Required
	56	5280		19.00		18.00		21.50	
	60	5300		19.00		18.00		21.50	
	64	5320		19.00		18.00		21.50	
802.11n-HT40 MCS0	54	5270	18.18	19.00	17.21	18.00	20.73	21.50	100.00
	62	5310	18.21	19.00	17.27	18.00	20.78	21.50	
802.11ac-VHT20 MCS0	52	5260	Not Required	19.00	Not Required	18.00	Not Required	21.50	Not Required
	56	5280		19.00		18.00		21.50	
	60	5300		19.00		18.00		21.50	

802.11ac-VHT40 MCS0	64	5320	19.00	18.00	21.50
	54	5270	19.00	18.00	21.50
802.11ac-VHT80 MCS0	62	5310	19.00	18.00	21.50
	58	5290	18.50	17.50	21.00
802.11ac-VHT160 MCS0	50	5250	18.00	16.50	20.50
	52	5260	19.00	18.00	21.50
802.11ax-HE20 MCS0	56	5280	19.00	18.00	21.50
	60	5300	19.00	18.00	21.50
	64	5320	19.00	18.00	21.50
	54	5270	19.00	18.00	21.50
802.11ax-HE40 MCS0	62	5310	19.00	18.00	21.50
	58	5290	18.50	17.50	21.00
802.11ax-HE80 MCS0	50	5250	18.00	17.00	20.50
	52	5260	19.00	18.00	21.50
802.11be-EHT20 MCS0	56	5280	19.00	18.00	21.50
	60	5300	19.00	18.00	21.50
	64	5320	19.00	18.00	21.50
	54	5270	19.00	18.00	21.50
802.11be-EHT40 MCS0	62	5310	19.00	18.00	21.50
	58	5290	18.50	17.50	21.00
802.11be-EHT80 MCS0	50	5250	18.00	17.00	20.50
	52	5260	19.00	18.00	21.50

【5.5GHz WLAN_Ant 8+10_Full Power】

Mode	Channel	Frequency (MHz)	Ant 8+10(8)		Ant 8+10(10)		Ant 8+10		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	20.27	21.00	18.56	19.50	22.51	23.50	99.06
	116	5580	20.30	21.00	18.60	19.50	22.54	23.50	
	124	5620	20.26	21.00	18.69	19.50	22.56	23.50	
	132	5660	20.22	21.00	18.78	19.50	22.57	23.50	
	144	5720	20.19	21.00	19.04	20.00	22.66	23.50	
802.11n-HT20 MCS0	100	5500	19.65	20.50	18.25	19.00	22.02	23.00	99.63
	116	5580	19.81	20.50	18.19	19.00	22.09	23.00	
	124	5620	19.75	20.50	18.37	19.00	22.12	23.00	
	132	5660	19.71	20.50	18.43	19.00	22.13	23.00	
802.11n-HT40 MCS0	144	5720	19.80	20.50	18.73	19.50	22.31	23.00	100.00
	102	5510	19.22	20.00	17.54	18.50	21.47	22.00	
	110	5550	19.24	20.00	17.52	18.50	21.47	22.00	
	126	5630	19.11	20.00	17.56	18.50	21.41	22.00	
802.11ac-VHT20 MCS0	134	5670	19.13	20.00	17.93	18.50	21.58	22.50	100.00
	142	5710	19.16	20.00	17.94	18.50	21.60	22.50	
	100	5500	19.58	20.50	18.19	19.00	21.95	22.50	
	116	5580	19.74	20.50	18.13	19.00	22.02	23.00	
802.11ac-VHT40 MCS0	124	5620	19.71	20.50	18.34	19.00	22.09	23.00	100.00
	132	5660	19.68	20.50	18.38	19.00	22.09	23.00	
	144	5720	19.73	20.50	18.67	19.50	22.24	23.00	
	102	5510	19.17	20.00	17.50	18.00	21.43	22.00	
802.11ac-VHT80 MCS0	110	5550	19.19	20.00	17.48	18.00	21.43	22.00	100.00
	126	5630	19.03	20.00	17.46	18.00	21.33	22.00	
	134	5670	19.08	20.00	17.89	18.50	21.54	22.50	
	142	5710	19.11	20.00	17.90	18.50	21.56	22.50	
802.11ac-VHT160 MCS0	106	5530	18.29	19.00	16.51	17.50	20.50	21.00	100.00
	122	5610	18.39	19.00	16.50	17.00	20.56	21.50	
	138	5690	18.25	19.00	16.91	17.50	20.64	21.50	
802.11ax-HE20 MCS0	114	5570	17.63	18.50	15.64	16.50	19.76	20.50	100.00
	100	5500	19.68	20.50	18.28	19.00	22.05	23.00	
	116	5580	19.84	20.50	18.22	19.00	22.12	23.00	
	124	5620	19.82	20.50	18.33	19.00	22.15	23.00	
	132	5660	19.78	20.50	18.41	19.00	22.16	23.00	
802.11ax-HE40 MCS0	144	5720	19.83	20.50	18.76	19.50	22.34	23.00	100.00
	102	5510	20.06	21.00	18.34	19.00	22.29	23.00	
	110	5550	20.08	21.00	18.32	19.00	22.30	23.00	
	126	5630	20.05	21.00	18.49	19.00	22.35	23.00	
	134	5670	19.97	20.50	18.73	19.50	22.40	23.00	
802.11ax-HE80 MCS0	142	5710	20.00	20.50	18.74	19.50	22.43	23.00	100.00
	106	5530	19.12	20.00	17.48	18.00	21.39	22.00	
	122	5610	20.24	21.00	18.45	19.00	22.45	23.00	
802.11ax-HE160 MCS0	138	5690	20.10	21.00	18.86	19.50	22.53	23.50	100.00
	114	5570	17.75	18.50	15.75	16.50	19.87	20.50	
	100	5500	19.81	20.50	18.37	19.00	22.16	23.00	
802.11be-EHT20 MCS0	116	5580	19.97	20.50	18.31	19.00	22.23	23.00	100.00
	124	5620	19.88	20.50	18.36	19.00	22.20	23.00	

802.11be-EHT40 MCS0	132	5660	19.85	20.50	18.44	19.00	22.21	23.00	99.82
	144	5720	19.96	20.50	18.85	19.50	22.45	23.00	
	102	5510	20.15	21.00	18.46	19.00	22.40	23.00	
	110	5550	20.17	21.00	18.44	19.00	22.40	23.00	
	126	5630	20.11	21.00	18.55	19.00	22.41	23.00	
	134	5670	20.06	21.00	18.85	19.50	22.51	23.50	
802.11be-EHT80 MCS0	142	5710	20.09	21.00	18.86	19.50	22.53	23.50	99.45
	106	5530	19.28	20.00	17.64	18.50	21.55	22.50	
	122	5610	20.37	21.00	18.59	19.50	22.58	23.50	
802.11be-EHT160 MCS0	138	5690	20.23	21.00	19.00	19.50	22.67	23.50	100.00
	114	5570	17.85	18.50	15.88	16.50	19.99	20.50	

[5.5GHz WLAN_Ant 8+10_Head Standalone]

Mode	Channel	Frequency (MHz)	Ant 8+10(8)		Ant 8+10(10)		Ant 8+10		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	17.50	Not Required	16.00	Not Required	20.00	Not Required
	116	5580		17.50		16.00		20.00	
	124	5620		17.50		16.00		20.00	
	132	5660		17.50		16.00		20.00	
	144	5720		17.50		16.00		20.00	
802.11n-HT20 MCS0	100	5500		17.50		16.00		20.00	
	116	5580		17.50		16.00		20.00	
	124	5620		17.50		16.00		20.00	
	132	5660		17.50		16.00		20.00	
	144	5720		17.50		16.00		20.00	
802.11n-HT40 MCS0	102	5510		17.50		16.00		20.00	
	110	5550		17.50		16.00		20.00	
	126	5630		17.50		16.00		20.00	
	134	5670		17.50		16.00		20.00	
	142	5710		17.50		16.00		20.00	
802.11ac-VHT20 MCS0	100	5500		17.50		16.00		20.00	
	116	5580		17.50		16.00		20.00	
	124	5620		17.50		16.00		20.00	
	132	5660		17.50		16.00		20.00	
	144	5720		17.50		16.00		20.00	
802.11ac-VHT40 MCS0	102	5510		17.50		16.00		20.00	
	110	5550		17.50		16.00		20.00	
	126	5630		17.50		16.00		20.00	
	134	5670		17.50		16.00		20.00	
	142	5710		17.50		16.00		20.00	
802.11ac-VHT80 MCS0	106	5530		17.50		16.00		20.00	
	122	5610		17.50		16.00		20.00	
	138	5690		17.50		16.00		20.00	
802.11ac-VHT160 MCS0	114	5570	16.58	17.50	15.63	16.00	19.14	20.00	100.00
802.11ax-HE20 MCS0	100	5500	Not Required	17.50	Not Required	16.00	Not Required	20.00	Not Required
	116	5580		17.50		16.00		20.00	
	124	5620		17.50		16.00		20.00	
	132	5660		17.50		16.00		20.00	
	144	5720		17.50		16.00		20.00	
802.11ax-HE40 MCS0	102	5510		17.50		16.00		20.00	
	110	5550		17.50		16.00		20.00	
	126	5630		17.50		16.00		20.00	
	134	5670		17.50		16.00		20.00	
	142	5710		17.50		16.00		20.00	
802.11ax-HE80 MCS0	106	5530		17.50		16.00		20.00	
	122	5610		17.50		16.00		20.00	
	138	5690		17.50		16.00		20.00	
802.11ax-HE160 MCS0	114	5570		17.50		16.00		20.00	
802.11be-EHT20 MCS0	100	5500		17.50		16.00		20.00	
	116	5580		17.50		16.00		20.00	
	124	5620		17.50		16.00		20.00	
	132	5660		17.50		16.00		20.00	
	144	5720		17.50		16.00		20.00	
802.11be-EHT40 MCS0	102	5510		17.50		16.00		20.00	
	110	5550		17.50		16.00		20.00	
	126	5630		17.50		16.00		20.00	
	134	5670		17.50		16.00		20.00	
	142	5710		17.50		16.00		20.00	
802.11be-EHT80 MCS0	106	5530		17.50		16.00		20.00	
	122	5610		17.50		16.00		20.00	
	138	5690		17.50		16.00		20.00	

802.11be-EHT160 MCS0	114	5570		17.50		16.00		20.00	
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【5.5GHz WLAN_Ant 8+10_Body-worn Standalone】

Mode	Channel	Frequency (MHz)	Ant 8+10(8)		Ant 8+10(10)		Ant 8+10		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	19.00	Not Required	17.50	Not Required	21.50	Not Required
	116	5580		19.00		17.50		21.50	
	124	5620		19.00		17.50		21.50	
	132	5660		19.00		17.50		21.50	
	144	5720		19.00		17.50		21.50	
802.11n-HT20 MCS0	100	5500		19.00		17.50		21.50	
	116	5580		19.00		17.50		21.50	
	124	5620		19.00		17.50		21.50	
	132	5660		19.00		17.50		21.50	
	144	5720		19.00		17.50		21.50	
802.11n-HT40 MCS0	102	5510		19.00		17.50		21.50	
	110	5550		19.00		17.50		21.50	
	126	5630		19.00		17.50		21.50	
	134	5670		19.00		17.50		21.50	
	142	5710		19.00		17.50		21.50	
802.11ac-VHT20 MCS0	100	5500		19.00		17.50		21.50	
	116	5580		19.00		17.50		21.50	
	124	5620		19.00		17.50		21.50	
	132	5660		19.00		17.50		21.50	
	144	5720		19.00		17.50		21.50	
802.11ac-VHT40 MCS0	102	5510		19.00		17.50		21.50	
	110	5550		19.00		17.50		21.50	
	126	5630		19.00		17.50		21.50	
	134	5670		19.00		17.50		21.50	
	142	5710		19.00		17.50		21.50	
802.11ac-VHT80 MCS0	106	5530	18.29	19.00	16.51	17.50	20.50	21.00	100.00
	122	5610	18.39	19.00	16.50	17.00	20.56	21.50	
	138	5690	18.25	19.00	16.91	17.50	20.64	21.50	
802.11ac-VHT160 MCS0	114	5570	Not Required	18.50	Not Required	16.50	Not Required	20.50	Not Required
802.11ax-HE20 MCS0	100	5500		19.00		17.50		21.50	
	116	5580		19.00		17.50		21.50	
	124	5620		19.00		17.50		21.50	
	132	5660		19.00		17.50		21.50	
	144	5720		19.00		17.50		21.50	
802.11ax-HE40 MCS0	102	5510		19.00		17.50		21.50	
	110	5550		19.00		17.50		21.50	
	126	5630		19.00		17.50		21.50	
	134	5670		19.00		17.50		21.50	
	142	5710		19.00		17.50		21.50	
802.11ax-HE80 MCS0	106	5530		19.00		17.50		21.50	
	122	5610		19.00		17.50		21.50	
	138	5690		19.00		17.50		21.50	
802.11ax-HE160 MCS0	114	5570		18.50		16.50		20.50	
802.11be-EHT20 MCS0	100	5500		19.00		17.50		21.50	
	116	5580		19.00		17.50		21.50	
	124	5620		19.00		17.50		21.50	
	132	5660		19.00		17.50		21.50	
	144	5720		19.00		17.50		21.50	
802.11be-EHT40 MCS0	102	5510		19.00		17.50		21.50	
	110	5550		19.00		17.50		21.50	
	126	5630		19.00		17.50		21.50	
	134	5670		19.00		17.50		21.50	
	142	5710		19.00		17.50		21.50	
802.11be-EHT80 MCS0	106	5530		19.00		17.50		21.50	
	122	5610		19.00		17.50		21.50	
	138	5690		19.00		17.50		21.50	
802.11be-EHT160 MCS0	114	5570		18.50		16.50		20.50	

【5.5GHz WLAN_Ant 8+10_Extremity Standalone】

Mode	Channel	Frequency (MHz)	Ant 8+10(8)		Ant 8+10(10)		Ant 8+10		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	19.00	Not Required	17.50	Not Required	21.50	Not Required
	116	5580		19.00		17.50		21.50	
	124	5620		19.00		17.50		21.50	
	132	5660		19.00		17.50		21.50	
	144	5720		19.00		17.50		21.50	
802.11n-HT20 MCS0	100	5500		19.00		17.50		21.50	
	116	5580		19.00		17.50		21.50	
	124	5620		19.00		17.50		21.50	
	132	5660		19.00		17.50		21.50	
	144	5720		19.00		17.50		21.50	
802.11n-HT40 MCS0	102	5510		19.00		17.50		21.50	
	110	5550		19.00		17.50		21.50	
	126	5630		19.00		17.50		21.50	
	134	5670		19.00		17.50		21.50	
	142	5710		19.00		17.50		21.50	
802.11ac-VHT20 MCS0	100	5500		19.00		17.50		21.50	
	116	5580		19.00		17.50		21.50	
	124	5620		19.00		17.50		21.50	
	132	5660		19.00		17.50		21.50	
	144	5720		19.00		17.50		21.50	
802.11ac-VHT40 MCS0	102	5510		19.00		17.50		21.50	
	110	5550		19.00		17.50		21.50	
	126	5630		19.00		17.50		21.50	
	134	5670		19.00		17.50		21.50	
	142	5710		19.00		17.50		21.50	
802.11ac-VHT80 MCS0	106	5530	18.29	19.00	16.51	17.50	20.50	21.00	100.00
	122	5610	18.39	19.00	16.50	17.00	20.56	21.50	
	138	5690	18.25	19.00	16.91	17.50	20.64	21.50	
802.11ac-VHT160 MCS0	114	5570	Not Required	18.50	Not Required	16.50	Not Required	20.50	Not Required
802.11ax-HE20 MCS0	100	5500		19.00		17.50		21.50	
	116	5580		19.00		17.50		21.50	
	124	5620		19.00		17.50		21.50	
	132	5660		19.00		17.50		21.50	
	144	5720		19.00		17.50		21.50	
802.11ax-HE40 MCS0	102	5510		19.00		17.50		21.50	
	110	5550		19.00		17.50		21.50	
	126	5630		19.00		17.50		21.50	
	134	5670		19.00		17.50		21.50	
	142	5710		19.00		17.50		21.50	
802.11ax-HE80 MCS0	106	5530		19.00		17.50		21.50	
	122	5610		19.00		17.50		21.50	
	138	5690		19.00		17.50		21.50	
802.11ax-HE160 MCS0	114	5570		18.50		16.50		20.50	
802.11be-EHT20 MCS0	100	5500		19.00		17.50		21.50	
	116	5580		19.00		17.50		21.50	
	124	5620		19.00		17.50		21.50	
	132	5660		19.00		17.50		21.50	
	144	5720		19.00		17.50		21.50	
802.11be-EHT40 MCS0	102	5510		19.00		17.50		21.50	
	110	5550		19.00		17.50		21.50	
	126	5630		19.00		17.50		21.50	
	134	5670		19.00		17.50		21.50	
	142	5710		19.00		17.50		21.50	
802.11be-EHT80 MCS0	106	5530		19.00		17.50		21.50	
	122	5610		19.00		17.50		21.50	
	138	5690		19.00		17.50		21.50	
802.11be-EHT160 MCS0	114	5570		18.50		16.50		20.50	

【5.8GHz WLAN_Ant 8+10_Full Power】

Mode	Channel	Frequency (MHz)	Ant 8+10(8)		Ant 8+10(10)		Ant 8+10		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	20.53	21.50	19.43	20.00	23.03	24.00	99.06
	157	5785	20.32	21.00	19.40	20.00	22.89	23.50	
	165	5825	20.06	21.00	19.13	20.00	22.63	23.50	
802.11n-HT20 MCS0	149	5745	19.53	20.50	18.52	19.50	22.06	23.00	99.63

802.11n-HT40 MCS0	157	5785	19.41	20.00	18.42	19.00	21.95	22.50	100.00
	165	5825	19.14	20.00	18.20	19.00	21.71	22.50	
	151	5755	18.85	19.50	17.81	18.50	21.37	22.00	
	159	5795	18.78	19.50	17.74	18.50	21.30	22.00	
802.11ac-VHT20 MCS0	149	5745	19.50	20.00	18.46	19.00	22.02	23.00	100.00
	157	5785	19.38	20.00	18.36	19.00	21.91	22.50	
	165	5825	19.11	20.00	18.14	19.00	21.66	22.50	
802.11ac-VHT40 MCS0	151	5755	18.82	19.50	17.78	18.50	21.34	22.00	100.00
	159	5795	18.75	19.50	17.71	18.50	21.27	22.00	
802.11ac-VHT80 MCS0	155	5775	17.80	18.50	16.75	17.50	20.32	21.00	100.00
802.11ax-HE20 MCS0	149	5745	19.54	20.50	18.52	19.50	22.07	23.00	100.00
	157	5785	19.42	20.00	18.42	19.00	21.96	22.50	
	165	5825	19.15	20.00	18.20	19.00	21.71	22.50	
802.11ax-HE40 MCS0	151	5755	19.70	20.50	18.67	19.50	22.23	23.00	100.00
	159	5795	19.63	20.50	18.60	19.50	22.16	23.00	
802.11ax-HE80 MCS0	155	5775	19.78	20.50	18.70	19.50	22.28	23.00	100.00
802.11be-EHT20 MCS0	149	5745	19.68	20.50	18.61	19.50	22.19	23.00	100.00
	157	5785	19.56	20.50	18.51	19.50	22.08	23.00	
	165	5825	19.29	20.00	18.29	19.00	21.83	22.50	
802.11be-EHT40 MCS0	151	5755	19.77	20.50	18.75	19.50	22.30	23.00	99.82
	159	5795	19.70	20.50	18.68	19.50	22.23	23.00	
802.11be-EHT80 MCS0	155	5775	19.94	20.50	18.87	19.50	22.45	23.00	99.45

【5.8GHz WLAN_Ant 8+10_Head Standalone】

Mode	Channel	Frequency (MHz)	Ant 8+10(8)		Ant 8+10(10)		Ant 8+10		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	16.00	Not Required	14.50	Not Required	18.50	Not Required
	157	5785		16.00		14.50		18.50	
	165	5825		16.00		14.50		18.50	
802.11n-HT20 MCS0	149	5745		16.00		14.50		18.50	
	157	5785		16.00		14.50		18.50	
	165	5825		16.00		14.50		18.50	
802.11n-HT40 MCS0	151	5755		16.00		14.50		18.50	
	159	5795		16.00		14.50		18.50	
802.11ac-VHT20 MCS0	149	5745		16.00		14.50		18.50	
	157	5785		16.00		14.50		18.50	
	165	5825		16.00		14.50		18.50	
802.11ac-VHT40 MCS0	151	5755		16.00		14.50		18.50	
	159	5795		16.00		14.50		18.50	
802.11ac-VHT80 MCS0	155	5775	15.24	16.00	13.72	14.50	17.56	18.50	100.00
802.11ax-HE20 MCS0	149	5745	Not Required	16.00	Not Required	14.50	Not Required	18.50	Not Required
	157	5785		16.00		14.50		18.50	
	165	5825		16.00		14.50		18.50	
802.11ax-HE40 MCS0	151	5755		16.00		14.50		18.50	
	159	5795		16.00		14.50		18.50	
802.11ax-HE80 MCS0	155	5775		16.00		14.50		18.50	
	149	5745		16.00		14.50		18.50	
802.11be-EHT20 MCS0	157	5785		16.00		14.50		18.50	
	165	5825		16.00		14.50		18.50	
	151	5755		16.00		14.50		18.50	
802.11be-EHT40 MCS0	159	5795		16.00		14.50		18.50	
	155	5775		16.00		14.50		18.50	
802.11be-EHT80 MCS0	155	5775		16.00		14.50		18.50	

【5.8GHz WLAN_Ant 8+10_Body-worn Standalone】

Mode	Channel	Frequency (MHz)	Ant 8+10(8)		Ant 8+10(10)		Ant 8+10		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	20.50	Not Required	19.50	Not Required	23.00	Not Required
	157	5785		20.50		19.50		23.00	
	165	5825		20.50		19.50		23.00	
802.11n-HT20 MCS0	149	5745		20.50		19.50		23.00	
	157	5785		20.00		19.00		22.50	
	165	5825		20.00		19.00		22.50	
802.11n-HT40 MCS0	151	5755		19.50		18.50		22.00	
	159	5795		19.50		18.50		22.00	
802.11ac-VHT20 MCS0	149	5745		20.00		19.00		23.00	
	157	5785		20.00		19.00		22.50	
	165	5825		20.00		19.00		22.50	
802.11ac-VHT40 MCS0	151	5755		19.50		18.50		22.00	

802.11ac-VHT80 MCS0	159	5795		19.50		18.50		22.00	
	155	5775		18.50		17.50		21.00	
802.11ax-HE20 MCS0	149	5745		20.50		19.50		23.00	
	157	5785		20.00		19.00		22.50	
	165	5825		20.00		19.00		22.50	
802.11ax-HE40 MCS0	151	5755		20.50		19.50		23.00	
	159	5795		20.50		19.50		23.00	
802.11ax-HE80 MCS0	155	5775	19.78	20.50	18.70	19.50	22.28	23.00	100.00
802.11be-EHT20 MCS0	149	5745	Not Required	20.50	Not Required	19.50	Not Required	23.00	Not Required
	157	5785		20.50		19.50		23.00	
	165	5825		20.00		19.00		22.50	
802.11be-EHT40 MCS0	151	5755		20.50		19.50		23.00	
	159	5795		20.50		19.50		23.00	
802.11be-EHT80 MCS0	155	5775		20.50		19.50		23.00	

【5.8GHz WLAN_Ant 8+10_Hotspot】

Mode	Channel	Frequency (MHz)	Ant 8+10(8)		Ant 8+10(10)		Ant 8+10		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	20.15	21.00	18.92	19.50	22.59	23.50	99.06
	157	5785	20.32	21.00	18.83	19.50	22.65	23.50	
	165	5825	20.06	21.00	18.67	19.50	22.43	23.50	
802.11n-HT20 MCS0	149	5745	Not Required	20.50	Not Required	19.50	Not Required	23.00	Not Required
	157	5785		20.00		19.00		22.50	
	165	5825		20.00		19.00		22.50	
802.11n-HT40 MCS0	151	5755		19.50		18.50		22.00	
	159	5795		19.50		18.50		22.00	
	149	5745		20.00		19.00		23.00	
802.11ac-VHT20 MCS0	157	5785		20.00		19.00		22.50	
	165	5825		20.00		19.00		22.50	
	151	5755		19.50		18.50		22.00	
802.11ac-VHT40 MCS0	159	5795		19.50		18.50		22.00	
	155	5775		18.50		17.50		21.00	
	149	5745		20.50		19.50		23.00	
802.11ax-HE20 MCS0	157	5785		20.00		19.00		22.50	
	165	5825		20.00		19.00		22.50	
	151	5755		20.50		19.50		23.00	
802.11ax-HE40 MCS0	159	5795		20.50		19.50		23.00	
	155	5775		20.50		19.50		23.00	
	149	5745		20.50		19.50		23.00	
802.11be-EHT20 MCS0	157	5785		20.50		19.50		23.00	
	165	5825		20.00		19.00		22.50	
	151	5755		20.50		19.50		23.00	
802.11be-EHT40 MCS0	159	5795		20.50		19.50		23.00	
	155	5775		20.50		19.50		23.00	
	155	5775		20.50		19.50		23.00	