

【FR1 n26_FCC_Ant 0_ECI 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				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	21.39	21.44	21.43	21.70
20	PI/2 BPSK	1	53	21.33	21.42	21.47	21.70
20	PI/2 BPSK	1	104	21.46	21.47	21.54	21.70
20	PI/2 BPSK	50	0	21.48	21.46	21.53	21.70
20	PI/2 BPSK	50	28	21.41	21.46	21.52	21.70
20	PI/2 BPSK	50	56	21.44	21.52	21.55	21.70
20	PI/2 BPSK	100	0	21.47	21.52	21.49	21.70
20	QPSK	1	1	21.32	21.38	21.41	21.70
20	QPSK	1	53	21.29	21.36	21.40	21.70
20	QPSK	1	104	21.44	21.38	21.42	21.70
20	QPSK	50	0	21.47	21.46	21.53	21.70
20	QPSK	50	28	21.39	21.49	21.50	21.70
20	QPSK	50	56	21.44	21.52	21.56	21.70
20	QPSK	100	0	21.48	21.51	21.51	21.70
20	16QAM	1	1	21.57	21.62	21.62	21.70
20	64QAM	1	1	21.64	21.67	21.59	21.70
20	256QAM	1	1	19.66	19.72	19.68	20.50
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	21.29	21.33	21.32	21.70
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	21.27	21.43	21.29	21.70
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	21.25	21.34	21.36	21.70
Channel				163100	166300	169500	Tune-up limit (dBm)
Frequency (MHz)				815.5	831.5	847.5	
3	PI/2 BPSK	1	1	21.34	21.29	21.40	21.70

【FR1 n26_FCC_Ant 1_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	23.26	23.39	23.48	23.80
20	PI/2 BPSK	1	53	23.40	23.50	23.56	23.80
20	PI/2 BPSK	1	104	23.58	23.62	23.69	23.80
20	PI/2 BPSK	50	0	23.44	23.50	23.59	23.80
20	PI/2 BPSK	50	28	23.48	23.58	23.63	23.80
20	PI/2 BPSK	50	56	23.59	23.55	23.71	23.80
20	PI/2 BPSK	100	0	23.48	23.55	23.60	23.80
20	QPSK	1	1	23.19	23.29	23.47	23.80
20	QPSK	1	53	23.37	23.40	23.52	23.80
20	QPSK	1	104	23.50	23.51	23.63	23.80
20	QPSK	50	0	23.15	23.21	23.28	23.80
20	QPSK	50	28	23.46	23.54	23.58	23.80
20	QPSK	50	56	23.27	23.25	23.39	23.80
20	QPSK	100	0	23.18	23.24	23.32	23.80
20	16QAM	1	1	23.02	23.36	23.26	23.80
20	64QAM	1	1	21.57	21.82	21.80	22.40
20	256QAM	1	1	19.53	19.71	19.85	20.40
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	23.20	23.35	23.41	23.80
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	23.19	23.25	23.42	23.80
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	23.14	23.37	23.38	23.80
Channel				163100	166300	169500	Tune-up limit (dBm)
Frequency (MHz)				815.5	831.5	847.5	
3	PI/2 BPSK	1	1	23.16	23.31	23.42	23.80

【FR1 n26 _FCC_Ant 1_ECI 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				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	23.26	23.39	23.48	23.80
20	PI/2 BPSK	1	53	23.40	23.50	23.56	23.80
20	PI/2 BPSK	1	104	23.58	23.62	23.69	23.80
20	PI/2 BPSK	50	0	23.44	23.50	23.59	23.80
20	PI/2 BPSK	50	28	23.48	23.58	23.63	23.80
20	PI/2 BPSK	50	56	23.59	23.55	23.71	23.80
20	PI/2 BPSK	100	0	23.48	23.55	23.60	23.80
20	QPSK	1	1	23.19	23.29	23.47	23.80
20	QPSK	1	53	23.37	23.40	23.52	23.80
20	QPSK	1	104	23.50	23.51	23.63	23.80
20	QPSK	50	0	23.15	23.21	23.28	23.80
20	QPSK	50	28	23.46	23.54	23.58	23.80
20	QPSK	50	56	23.27	23.25	23.39	23.80
20	QPSK	100	0	23.18	23.24	23.32	23.80
20	16QAM	1	1	23.02	23.36	23.26	23.80
20	64QAM	1	1	21.57	21.82	21.80	22.40
20	256QAM	1	1	19.53	19.71	19.85	20.40
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	23.20	23.35	23.41	23.80
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	23.19	23.25	23.42	23.80
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	23.14	23.37	23.38	23.80
Channel				163100	166300	169500	Tune-up limit (dBm)
Frequency (MHz)				815.5	831.5	847.5	
3	PI/2 BPSK	1	1	23.16	23.31	23.42	23.80

【FR1 n26 _FCC_Ant 1_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	23.89	24.09	24.22	24.90
20	PI/2 BPSK	1	53	24.09	24.25	24.24	24.90
20	PI/2 BPSK	1	104	24.28	24.24	24.42	24.90
20	PI/2 BPSK	50	0	23.64	23.71	23.80	24.40
20	PI/2 BPSK	50	28	24.16	24.26	24.33	24.90
20	PI/2 BPSK	50	56	23.80	23.75	23.93	24.40
20	PI/2 BPSK	100	0	23.69	23.77	23.82	24.40
20	QPSK	1	1	23.89	24.00	24.17	24.90
20	QPSK	1	53	24.06	24.09	24.20	24.90
20	QPSK	1	104	24.19	24.19	24.28	24.90
20	QPSK	50	0	23.16	23.18	23.31	23.90
20	QPSK	50	28	24.18	24.27	24.30	24.90
20	QPSK	50	56	23.29	23.26	23.44	23.90
20	QPSK	100	0	23.18	23.24	23.36	23.90
20	16QAM	1	1	23.05	23.36	23.31	23.90
20	64QAM	1	1	21.55	21.81	21.82	22.40
20	256QAM	1	1	19.52	19.69	19.84	20.40
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	23.77	23.98	24.18	24.90
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	23.74	24.02	24.16	24.90
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	23.82	24.04	24.17	24.90
Channel				163100	166300	169500	Tune-up limit (dBm)
Frequency (MHz)				815.5	831.5	847.5	
3	PI/2 BPSK	1	1	23.88	23.95	24.18	24.90

【FR1 n26 _FCC_Ant 1_ECI 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				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	23.89	24.09	24.22	24.90
20	PI/2 BPSK	1	53	24.09	24.25	24.24	24.90
20	PI/2 BPSK	1	104	24.28	24.24	24.42	24.90
20	PI/2 BPSK	50	0	23.64	23.71	23.80	24.40
20	PI/2 BPSK	50	28	24.16	24.26	24.33	24.90
20	PI/2 BPSK	50	56	23.80	23.75	23.93	24.40
20	PI/2 BPSK	100	0	23.69	23.77	23.82	24.40
20	QPSK	1	1	23.89	24.00	24.17	24.90
20	QPSK	1	53	24.06	24.09	24.20	24.90
20	QPSK	1	104	24.19	24.19	24.28	24.90
20	QPSK	50	0	23.16	23.18	23.31	23.90
20	QPSK	50	28	24.18	24.27	24.30	24.90
20	QPSK	50	56	23.29	23.26	23.44	23.90
20	QPSK	100	0	23.18	23.24	23.36	23.90
20	16QAM	1	1	23.05	23.36	23.31	23.90
20	64QAM	1	1	21.55	21.81	21.82	22.40
20	256QAM	1	1	19.52	19.69	19.84	20.40
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	23.77	23.98	24.18	24.90
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	23.74	24.02	24.16	24.90
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	23.82	24.04	24.17	24.90
Channel				163100	166300	169500	Tune-up limit (dBm)
Frequency (MHz)				815.5	831.5	847.5	
3	PI/2 BPSK	1	1	23.88	23.95	24.18	24.90

【FR1 n26 _FCC_Ant 1_ECI 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				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	23.89	24.09	24.22	24.90
20	PI/2 BPSK	1	53	24.09	24.25	24.24	24.90
20	PI/2 BPSK	1	104	24.28	24.24	24.42	24.90
20	PI/2 BPSK	50	0	23.64	23.71	23.80	24.40
20	PI/2 BPSK	50	28	24.16	24.26	24.33	24.90
20	PI/2 BPSK	50	56	23.80	23.75	23.93	24.40
20	PI/2 BPSK	100	0	23.69	23.77	23.82	24.40
20	QPSK	1	1	23.89	24.00	24.17	24.90
20	QPSK	1	53	24.06	24.09	24.20	24.90
20	QPSK	1	104	24.19	24.19	24.28	24.90
20	QPSK	50	0	23.16	23.18	23.31	23.90
20	QPSK	50	28	24.18	24.27	24.30	24.90
20	QPSK	50	56	23.29	23.26	23.44	23.90
20	QPSK	100	0	23.18	23.24	23.36	23.90
20	16QAM	1	1	23.05	23.36	23.31	23.90
20	64QAM	1	1	21.55	21.81	21.82	22.40
20	256QAM	1	1	19.52	19.69	19.84	20.40
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	23.77	23.98	24.18	24.90
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	23.74	24.02	24.16	24.90
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	23.82	24.04	24.17	24.90
Channel				163100	166300	169500	Tune-up limit (dBm)
Frequency (MHz)				815.5	831.5	847.5	
3	PI/2 BPSK	1	1	23.88	23.95	24.18	24.90

【FR1 n30_Ant 0_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		23.60		23.60
10	PI/2 BPSK	1	26		23.55		23.60
10	PI/2 BPSK	1	50		23.58		23.60
10	PI/2 BPSK	25	0		23.10		23.10
10	PI/2 BPSK	25	14		23.54		23.60
10	PI/2 BPSK	25	27		23.04		23.10
10	PI/2 BPSK	50	0		23.05		23.10
10	QPSK	1	1		23.55		23.60
10	QPSK	1	26		23.60		23.60
10	QPSK	1	50		23.59		23.60
10	QPSK	25	0		21.61		22.60
10	QPSK	25	14		23.55		23.60
10	QPSK	25	27		21.58		22.60
10	QPSK	50	0		21.56		22.60
10	16QAM	1	1		22.58		22.60
10	64QAM	1	1		21.08		21.10
10	256QAM	1	1		18.87		19.10
Channel				461500	462000	462500	Tune-up limit
Frequency (MHz)				2307.5	2310	2312.5	(dBm)
5	PI/2 BPSK	1	1	23.49	23.52	23.47	23.60

【FR1 n30_Ant 0_ECI 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					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		23.60		23.60
10	PI/2 BPSK	1	26		23.55		23.60
10	PI/2 BPSK	1	50		23.58		23.60
10	PI/2 BPSK	25	0		23.10		23.10
10	PI/2 BPSK	25	14		23.54		23.60
10	PI/2 BPSK	25	27		23.04		23.10
10	PI/2 BPSK	50	0		23.05		23.10
10	QPSK	1	1		23.55		23.60
10	QPSK	1	26		23.60		23.60
10	QPSK	1	50		23.59		23.60
10	QPSK	25	0		21.61		22.60
10	QPSK	25	14		23.55		23.60
10	QPSK	25	27		21.58		22.60
10	QPSK	50	0		21.56		22.60
10	16QAM	1	1		22.58		22.60
10	64QAM	1	1		21.08		21.10
10	256QAM	1	1		18.87		19.10
Channel				461500	462000	462500	Tune-up limit
Frequency (MHz)				2307.5	2310	2312.5	(dBm)
5	PI/2 BPSK	1	1	23.49	23.52	23.47	23.60

【FR1 n30_Ant 0_ECI 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					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		17.11		18.10
10	PI/2 BPSK	1	26		16.95		18.10
10	PI/2 BPSK	1	50		17.03		18.10
10	PI/2 BPSK	25	0		17.02		18.10
10	PI/2 BPSK	25	14		16.95		18.10
10	PI/2 BPSK	25	27		17.00		18.10
10	PI/2 BPSK	50	0		16.93		18.10
10	QPSK	1	1		16.89		18.10

10	QPSK	1	26		16.80		18.10
10	QPSK	1	50		16.94		18.10
10	QPSK	25	0		17.00		18.10
10	QPSK	25	14		16.96		18.10
10	QPSK	25	27		17.01		18.10
10	QPSK	50	0		17.00		18.10
10	16QAM	1	1		17.14		18.10
10	64QAM	1	1		17.16		18.10
10	256QAM	1	1		16.97		18.10
Channel				461500	462000	462500	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	17.01	17.06	17.01	18.10

【FR1 n30_Ant 0_ECI 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					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		15.22		15.50
10	PI/2 BPSK	1	26		15.11		15.50
10	PI/2 BPSK	1	50		15.22		15.50
10	PI/2 BPSK	25	0		15.17		15.50
10	PI/2 BPSK	25	14		15.20		15.50
10	PI/2 BPSK	25	27		15.16		15.50
10	PI/2 BPSK	50	0		15.15		15.50
10	QPSK	1	1		15.13		15.50
10	QPSK	1	26		15.05		15.50
10	QPSK	1	50		15.11		15.50
10	QPSK	25	0		15.17		15.50
10	QPSK	25	14		15.20		15.50
10	QPSK	25	27		15.20		15.50
10	QPSK	50	0		15.19		15.50
10	16QAM	1	1		15.33		15.50
10	64QAM	1	1		15.36		15.50
10	256QAM	1	1		15.20		15.50
Channel				461500	462000	462500	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	15.21	15.21	15.20	15.50

【FR1 n30_Ant 0_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		15.22		15.50
10	PI/2 BPSK	1	26		15.11		15.50
10	PI/2 BPSK	1	50		15.22		15.50
10	PI/2 BPSK	25	0		15.17		15.50
10	PI/2 BPSK	25	14		15.20		15.50
10	PI/2 BPSK	25	27		15.16		15.50
10	PI/2 BPSK	50	0		15.15		15.50
10	QPSK	1	1		15.13		15.50
10	QPSK	1	26		15.05		15.50
10	QPSK	1	50		15.11		15.50
10	QPSK	25	0		15.17		15.50
10	QPSK	25	14		15.20		15.50
10	QPSK	25	27		15.20		15.50
10	QPSK	50	0		15.19		15.50
10	16QAM	1	1		15.33		15.50
10	64QAM	1	1		15.36		15.50
10	256QAM	1	1		15.20		15.50
Channel				461500	462000	462500	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	15.21	15.21	15.20	15.50

【FR1 n30_Ant 2_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		24.08		24.50
10	PI/2 BPSK	1	26		24.03		24.50
10	PI/2 BPSK	1	50		24.05		24.50
10	PI/2 BPSK	25	0		23.59		24.00
10	PI/2 BPSK	25	14		23.99		24.50
10	PI/2 BPSK	25	27		23.50		24.00
10	PI/2 BPSK	50	0		23.48		24.00
10	QPSK	1	1		24.01		24.50
10	QPSK	1	26		24.08		24.50
10	QPSK	1	50		24.13		24.50
10	QPSK	25	0		22.05		22.50
10	QPSK	25	14		24.04		24.50
10	QPSK	25	27		22.02		22.50
10	QPSK	50	0		22.02		22.50
10	16QAM	1	1		23.24		23.50
10	64QAM	1	1		21.66		22.00
10	256QAM	1	1		19.31		20.00
Channel				461500	462000	462500	Tune-up limit
Frequency (MHz)				2307.5	2310	2312.5	(dBm)
5	PI/2 BPSK	1	1	24.00	24.03	24.02	24.50

【FR1 n30_Ant 2_ECI 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					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		24.08		24.50
10	PI/2 BPSK	1	26		24.03		24.50
10	PI/2 BPSK	1	50		24.05		24.50
10	PI/2 BPSK	25	0		23.59		24.00
10	PI/2 BPSK	25	14		23.99		24.50
10	PI/2 BPSK	25	27		23.50		24.00
10	PI/2 BPSK	50	0		23.48		24.00
10	QPSK	1	1		24.01		24.50
10	QPSK	1	26		24.08		24.50
10	QPSK	1	50		24.13		24.50
10	QPSK	25	0		22.05		22.50
10	QPSK	25	14		24.04		24.50
10	QPSK	25	27		22.02		22.50
10	QPSK	50	0		22.02		22.50
10	16QAM	1	1		23.24		23.50
10	64QAM	1	1		21.66		22.00
10	256QAM	1	1		19.31		20.00
Channel				461500	462000	462500	Tune-up limit
Frequency (MHz)				2307.5	2310	2312.5	(dBm)
5	PI/2 BPSK	1	1	24.00	24.03	24.02	24.50

【FR1 n30_Ant 2_ECI 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					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		18.62		19.20
10	PI/2 BPSK	1	26		18.37		19.20
10	PI/2 BPSK	1	50		18.46		19.20
10	PI/2 BPSK	25	0		18.49		19.20
10	PI/2 BPSK	25	14		18.45		19.20
10	PI/2 BPSK	25	27		18.45		19.20
10	PI/2 BPSK	50	0		18.40		19.20
10	QPSK	1	1		18.35		19.20
10	QPSK	1	26		18.25		19.20
10	QPSK	1	50		18.29		19.20
10	QPSK	25	0		18.38		19.20

10	QPSK	25	14		18.49		19.20
10	QPSK	25	27		18.41		19.20
10	QPSK	50	0		18.51		19.20
10	16QAM	1	1		18.73		19.20
10	64QAM	1	1		18.63		19.20
10	256QAM	1	1		18.41		19.20
Channel				461500	462000	462500	Tune-up limit
Frequency (MHz)				2307.5	2310	2312.5	(dBm)
5	PI/2 BPSK	1	1	18.51	18.52	18.45	19.20

【FR1 n30_Ant 2_ECI 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					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		16.95		17.20
10	PI/2 BPSK	1	26		16.83		17.20
10	PI/2 BPSK	1	50		16.86		17.20
10	PI/2 BPSK	25	0		16.87		17.20
10	PI/2 BPSK	25	14		16.90		17.20
10	PI/2 BPSK	25	27		16.89		17.20
10	PI/2 BPSK	50	0		16.88		17.20
10	QPSK	1	1		16.84		17.20
10	QPSK	1	26		16.74		17.20
10	QPSK	1	50		16.78		17.20
10	QPSK	25	0		16.84		17.20
10	QPSK	25	14		16.90		17.20
10	QPSK	25	27		16.89		17.20
10	QPSK	50	0		16.92		17.20
10	16QAM	1	1		17.14		17.20
10	64QAM	1	1		17.12		17.20
10	256QAM	1	1		16.83		17.20
Channel				461500	462000	462500	Tune-up limit
Frequency (MHz)				2307.5	2310	2312.5	(dBm)
5	PI/2 BPSK	1	1	16.94	16.94	16.92	17.20

【FR1 n30_Ant 2_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		16.95		17.20
10	PI/2 BPSK	1	26		16.83		17.20
10	PI/2 BPSK	1	50		16.86		17.20
10	PI/2 BPSK	25	0		16.87		17.20
10	PI/2 BPSK	25	14		16.90		17.20
10	PI/2 BPSK	25	27		16.89		17.20
10	PI/2 BPSK	50	0		16.88		17.20
10	QPSK	1	1		16.84		17.20
10	QPSK	1	26		16.74		17.20
10	QPSK	1	50		16.78		17.20
10	QPSK	25	0		16.84		17.20
10	QPSK	25	14		16.90		17.20
10	QPSK	25	27		16.89		17.20
10	QPSK	50	0		16.92		17.20
10	16QAM	1	1		17.14		17.20
10	64QAM	1	1		17.12		17.20
10	256QAM	1	1		16.83		17.20
Channel				461500	462000	462500	Tune-up limit
Frequency (MHz)				2307.5	2310	2312.5	(dBm)
5	PI/2 BPSK	1	1	16.94	16.94	16.92	17.20

【FR1 n38_Ant 0_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	Tune-up limit (dBm)
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	24.01	23.95	23.96	24.70
40	PI/2 BPSK	1	53	23.95	23.93	23.86	24.70
40	PI/2 BPSK	1	104	23.83	23.90	23.82	24.70
40	PI/2 BPSK	50	0	23.57	23.54	23.57	23.70
40	PI/2 BPSK	50	28	23.88	23.89	23.76	24.70
40	PI/2 BPSK	50	56	23.55	23.54	23.54	23.70
40	PI/2 BPSK	100	0	23.54	23.55	23.58	23.70
40	QPSK	1	1	23.94	23.89	23.86	24.90
40	QPSK	1	53	23.83	23.90	23.86	24.90
40	QPSK	1	104	23.90	23.92	23.88	24.90
40	QPSK	50	0	23.02	23.03	23.02	23.90
40	QPSK	50	28	23.81	23.83	23.75	24.90
40	QPSK	50	56	23.04	23.00	22.96	23.90
40	QPSK	100	0	23.09	23.04	22.99	23.90
40	16QAM	1	1	23.25	23.26	23.24	23.90
40	64QAM	1	1	21.21	21.26	21.23	22.40
40	256QAM	1	1	19.08	19.18	19.07	20.40
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	QPSK	1	1	23.90	23.81	23.92	24.90
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	QPSK	1	1	23.88	23.87	23.89	24.90
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	1	23.90	23.86	23.84	24.90
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	1	23.91	23.85	23.82	24.90
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	1	23.86	23.91	23.86	24.90

【FR1 n38_Ant 0_ECI 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				518000	519000	520000	Tune-up limit (dBm)
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	24.01	23.95	23.96	24.70
40	PI/2 BPSK	1	53	23.95	23.93	23.86	24.70
40	PI/2 BPSK	1	104	23.83	23.90	23.82	24.70
40	PI/2 BPSK	50	0	23.57	23.54	23.57	23.70
40	PI/2 BPSK	50	28	23.88	23.89	23.76	24.70
40	PI/2 BPSK	50	56	23.55	23.54	23.54	23.70
40	PI/2 BPSK	100	0	23.54	23.55	23.58	23.70
40	QPSK	1	1	23.94	23.89	23.86	24.90
40	QPSK	1	53	23.83	23.90	23.86	24.90
40	QPSK	1	104	23.90	23.92	23.88	24.90
40	QPSK	50	0	23.02	23.03	23.02	23.90
40	QPSK	50	28	23.81	23.83	23.75	24.90
40	QPSK	50	56	23.04	23.00	22.96	23.90
40	QPSK	100	0	23.09	23.04	22.99	23.90
40	16QAM	1	1	23.25	23.26	23.24	23.90
40	64QAM	1	1	21.21	21.26	21.23	22.40
40	256QAM	1	1	19.08	19.18	19.07	20.40
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	QPSK	1	1	23.90	23.81	23.92	24.90
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	QPSK	1	1	23.88	23.87	23.89	24.90
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	1	23.90	23.86	23.84	24.90
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	1	23.91	23.85	23.82	24.90
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	

10	QPSK	1	1	23.86	23.91	23.86	24.90
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【FR1 n38_Ant 0_ECI 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				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	15.77	15.80	15.80	17.10
40	PI/2 BPSK	1	53	15.73	15.79	15.77	17.10
40	PI/2 BPSK	1	104	15.76	15.74	15.71	17.10
40	PI/2 BPSK	50	0	15.71	15.71	15.65	17.10
40	PI/2 BPSK	50	28	15.74	15.76	15.66	17.10
40	PI/2 BPSK	50	56	15.78	15.73	15.60	17.10
40	PI/2 BPSK	100	0	15.71	15.72	15.61	17.10
40	QPSK	1	1	15.80	15.78	15.65	17.10
40	QPSK	1	53	15.76	15.80	15.77	17.10
40	QPSK	1	104	15.76	15.71	15.67	17.10
40	QPSK	50	0	15.69	15.76	15.55	17.10
40	QPSK	50	28	15.63	15.74	15.52	17.10
40	QPSK	50	56	15.72	15.77	15.61	17.10
40	QPSK	100	0	15.67	15.77	15.52	17.10
40	16QAM	1	1	15.80	15.75	15.71	17.10
40	64QAM	1	1	15.50	15.51	15.50	17.10
40	256QAM	1	1	15.52	15.53	15.50	17.10
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	15.75	15.78	15.73	17.10
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	15.71	15.73	15.77	17.10
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	15.73	15.78	15.79	17.10
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	15.63	15.74	15.69	17.10
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	15.62	15.75	15.71	17.10

【FR1 n38_Ant 0_ECI 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				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	15.77	15.80	15.80	15.80
40	PI/2 BPSK	1	53	15.73	15.79	15.77	15.80
40	PI/2 BPSK	1	104	15.76	15.74	15.71	15.80
40	PI/2 BPSK	50	0	15.71	15.71	15.65	15.80
40	PI/2 BPSK	50	28	15.74	15.76	15.66	15.80
40	PI/2 BPSK	50	56	15.78	15.73	15.60	15.80
40	PI/2 BPSK	100	0	15.71	15.72	15.61	15.80
40	QPSK	1	1	15.80	15.78	15.65	15.80
40	QPSK	1	53	15.76	15.80	15.77	15.80
40	QPSK	1	104	15.76	15.71	15.67	15.80
40	QPSK	50	0	15.69	15.76	15.55	15.80
40	QPSK	50	28	15.63	15.74	15.52	15.80
40	QPSK	50	56	15.72	15.77	15.61	15.80
40	QPSK	100	0	15.67	15.77	15.52	15.80
40	16QAM	1	1	15.80	15.75	15.71	15.80
40	64QAM	1	1	15.50	15.51	15.50	15.80
40	256QAM	1	1	15.52	15.53	15.50	15.80
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	15.75	15.78	15.73	15.80
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	15.71	15.73	15.77	15.80
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	

20	PI/2 BPSK	1	1	15.73	15.78	15.79	15.80
Channel				515500	519000	522500	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	PI/2 BPSK	1	1	15.63	15.74	15.69	15.80
Channel				515000	519000	523000	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	PI/2 BPSK	1	1	15.62	15.75	15.71	15.80

【FR1 n38_Ant 0_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	Tune-up limit (dBm)
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	15.77	15.80	15.80	15.80
40	PI/2 BPSK	1	53	15.73	15.79	15.77	15.80
40	PI/2 BPSK	1	104	15.76	15.74	15.71	15.80
40	PI/2 BPSK	50	0	15.71	15.71	15.65	15.80
40	PI/2 BPSK	50	28	15.74	15.76	15.66	15.80
40	PI/2 BPSK	50	56	15.78	15.73	15.60	15.80
40	PI/2 BPSK	100	0	15.71	15.72	15.61	15.80
40	QPSK	1	1	15.80	15.78	15.65	15.80
40	QPSK	1	53	15.76	15.80	15.77	15.80
40	QPSK	1	104	15.76	15.71	15.67	15.80
40	QPSK	50	0	15.69	15.76	15.55	15.80
40	QPSK	50	28	15.63	15.74	15.52	15.80
40	QPSK	50	56	15.72	15.77	15.61	15.80
40	QPSK	100	0	15.67	15.77	15.52	15.80
40	16QAM	1	1	15.80	15.75	15.71	15.80
40	64QAM	1	1	15.50	15.51	15.50	15.80
40	256QAM	1	1	15.52	15.53	15.50	15.80
Channel				517000	519000	521000	Tune-up limit
Frequency (MHz)				2585	2595	2605	(dBm)
30	PI/2 BPSK	1	1	15.75	15.78	15.73	15.80
Channel				516500	519000	521500	Tune-up limit
Frequency (MHz)				2582.5	2595	2607.5	(dBm)
25	PI/2 BPSK	1	1	15.71	15.73	15.77	15.80
Channel				516000	519000	522000	Tune-up limit
Frequency (MHz)				2580	2595	2610	(dBm)
20	PI/2 BPSK	1	1	15.73	15.78	15.79	15.80
Channel				515500	519000	522500	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	PI/2 BPSK	1	1	15.63	15.74	15.69	15.80
Channel				515000	519000	523000	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	PI/2 BPSK	1	1	15.62	15.75	15.71	15.80

【FR1 n38_Ant 1_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	Tune-up limit (dBm)
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	16.93	16.87	16.87	18.30
40	PI/2 BPSK	1	53	16.97	16.96	16.84	18.30
40	PI/2 BPSK	1	104	16.95	16.91	16.87	18.30
40	PI/2 BPSK	50	0	16.82	16.90	16.79	18.30
40	PI/2 BPSK	50	28	16.86	16.90	16.81	18.30
40	PI/2 BPSK	50	56	16.81	16.87	16.76	18.30
40	PI/2 BPSK	100	0	16.93	16.89	16.84	18.30
40	QPSK	1	1	16.89	16.87	16.80	18.30
40	QPSK	1	53	16.85	16.92	16.86	18.30
40	QPSK	1	104	16.83	16.90	16.84	18.30
40	QPSK	50	0	16.85	16.89	16.84	18.30
40	QPSK	50	28	16.88	16.89	16.77	18.30
40	QPSK	50	56	16.81	16.86	16.82	18.30
40	QPSK	100	0	16.85	16.89	16.75	18.30
40	16QAM	1	1	16.92	16.85	16.71	18.30

40	64QAM	1	1	16.71	16.70	16.60	18.30
40	256QAM	1	1	16.67	16.65	16.60	18.30
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	16.82	16.78	16.80	18.30
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	16.79	16.72	16.77	18.30
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	16.80	16.84	16.74	18.30
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	16.85	16.72	16.77	18.30
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	16.86	16.77	16.75	18.30

【FR1 n38_Ant 1_ECI 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				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	16.93	16.87	16.87	17.60
40	PI/2 BPSK	1	53	16.97	16.96	16.84	17.60
40	PI/2 BPSK	1	104	16.95	16.91	16.87	17.60
40	PI/2 BPSK	50	0	16.82	16.90	16.79	17.60
40	PI/2 BPSK	50	28	16.86	16.90	16.81	17.60
40	PI/2 BPSK	50	56	16.81	16.87	16.76	17.60
40	PI/2 BPSK	100	0	16.93	16.89	16.84	17.60
40	QPSK	1	1	16.89	16.87	16.80	17.60
40	QPSK	1	53	16.85	16.92	16.86	17.60
40	QPSK	1	104	16.83	16.90	16.84	17.60
40	QPSK	50	0	16.85	16.89	16.84	17.60
40	QPSK	50	28	16.88	16.89	16.77	17.60
40	QPSK	50	56	16.81	16.86	16.82	17.60
40	QPSK	100	0	16.85	16.89	16.75	17.60
40	16QAM	1	1	16.92	16.85	16.71	17.60
40	64QAM	1	1	16.71	16.70	16.60	17.60
40	256QAM	1	1	16.67	16.65	16.60	17.60
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	16.82	16.78	16.80	17.60
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	16.79	16.72	16.77	17.60
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	16.80	16.84	16.74	17.60
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	16.85	16.72	16.77	17.60
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	16.86	16.77	16.75	17.60

【FR1 n38_Ant 1_ECI 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				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	20.38	20.38	20.34	21.00
40	PI/2 BPSK	1	53	20.36	20.43	20.37	21.00
40	PI/2 BPSK	1	104	20.34	20.42	20.32	21.00
40	PI/2 BPSK	50	0	20.33	20.42	20.32	21.00
40	PI/2 BPSK	50	28	20.39	20.41	20.34	21.00
40	PI/2 BPSK	50	56	20.28	20.38	20.29	21.00
40	PI/2 BPSK	100	0	20.35	20.40	20.24	21.00
40	QPSK	1	1	20.27	20.37	20.28	21.00
40	QPSK	1	53	20.34	20.41	20.35	21.00

40	QPSK	1	104	20.32	20.41	20.33	21.00
40	QPSK	50	0	20.28	20.40	20.29	21.00
40	QPSK	50	28	20.27	20.39	20.32	21.00
40	QPSK	50	56	20.28	20.38	20.32	21.00
40	QPSK	100	0	20.30	20.40	20.30	21.00
40	16QAM	1	1	20.23	20.37	20.28	21.00
40	64QAM	1	1	20.18	20.21	20.10	21.00
40	256QAM	1	1	19.31	19.35	19.33	20.50
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	20.24	20.23	20.28	21.00
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	20.29	20.35	20.28	21.00
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	20.36	20.32	20.31	21.00
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	20.28	20.37	20.26	21.00
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	20.37	20.36	20.22	21.00

【FR1 n38_Ant 1_ECI 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				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	17.88	17.88	17.84	18.20
40	PI/2 BPSK	1	53	17.86	17.93	17.87	18.20
40	PI/2 BPSK	1	104	17.84	17.92	17.82	18.20
40	PI/2 BPSK	50	0	17.83	17.92	17.82	18.20
40	PI/2 BPSK	50	28	17.89	17.91	17.84	18.20
40	PI/2 BPSK	50	56	17.78	17.88	17.79	18.20
40	PI/2 BPSK	100	0	17.85	17.90	17.74	18.20
40	QPSK	1	1	17.77	17.87	17.78	18.20
40	QPSK	1	53	17.84	17.91	17.85	18.20
40	QPSK	1	104	17.82	17.91	17.83	18.20
40	QPSK	50	0	17.78	17.90	17.79	18.20
40	QPSK	50	28	17.77	17.89	17.82	18.20
40	QPSK	50	56	17.78	17.88	17.82	18.20
40	QPSK	100	0	17.80	17.90	17.80	18.20
40	16QAM	1	1	17.73	17.87	17.78	18.20
40	64QAM	1	1	17.68	17.71	17.60	18.20
40	256QAM	1	1	17.60	17.66	17.61	18.20
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	17.74	17.75	17.73	18.20
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	17.78	17.76	17.81	18.20
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	17.79	17.79	17.79	18.20
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	17.78	17.79	17.73	18.20
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	17.83	17.85	17.77	18.20

【FR1 n38_Ant 1_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	17.88	17.88	17.84	18.20
40	PI/2 BPSK	1	53	17.86	17.93	17.87	18.20
40	PI/2 BPSK	1	104	17.84	17.92	17.82	18.20

40	PI/2 BPSK	50	0	17.83	17.92	17.82	18.20
40	PI/2 BPSK	50	28	17.89	17.91	17.84	18.20
40	PI/2 BPSK	50	56	17.78	17.88	17.79	18.20
40	PI/2 BPSK	100	0	17.85	17.90	17.74	18.20
40	QPSK	1	1	17.77	17.87	17.78	18.20
40	QPSK	1	53	17.84	17.91	17.85	18.20
40	QPSK	1	104	17.82	17.91	17.83	18.20
40	QPSK	50	0	17.78	17.90	17.79	18.20
40	QPSK	50	28	17.77	17.89	17.82	18.20
40	QPSK	50	56	17.78	17.88	17.82	18.20
40	QPSK	100	0	17.80	17.90	17.80	18.20
40	16QAM	1	1	17.73	17.87	17.78	18.20
40	64QAM	1	1	17.68	17.71	17.60	18.20
40	256QAM	1	1	17.60	17.66	17.61	18.20
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	17.74	17.75	17.73	18.20
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	17.78	17.76	17.81	18.20
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	17.79	17.79	17.79	18.20
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	17.78	17.79	17.73	18.20
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	17.83	17.85	17.77	18.20

【FR1 n38_Ant 2_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	24.09	24.10	24.08	24.80
40	PI/2 BPSK	1	53	24.09	24.09	24.07	24.80
40	PI/2 BPSK	1	104	24.01	24.02	23.96	24.80
40	PI/2 BPSK	50	0	23.74	23.71	23.72	23.80
40	PI/2 BPSK	50	28	24.05	24.04	23.98	24.80
40	PI/2 BPSK	50	56	23.68	23.65	23.68	23.80
40	PI/2 BPSK	100	0	23.70	23.70	23.72	23.80
40	QPSK	1	1	24.04	24.01	24.01	24.80
40	QPSK	1	53	24.10	24.08	24.10	24.80
40	QPSK	1	104	23.97	24.03	24.06	24.80
40	QPSK	50	0	23.13	23.20	23.09	24.00
40	QPSK	50	28	24.03	23.99	23.95	24.80
40	QPSK	50	56	23.06	23.15	23.12	24.00
40	QPSK	100	0	23.16	23.21	23.24	24.00
40	16QAM	1	1	23.44	23.45	23.42	24.00
40	64QAM	1	1	21.37	21.42	21.37	22.50
40	256QAM	1	1	19.29	19.37	19.36	20.50
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	24.08	24.05	24.04	24.80
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	24.01	24.02	24.03	24.80
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	24.05	24.05	24.04	24.80
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	24.07	24.05	24.01	24.80
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	24.06	24.06	24.05	24.80

【FR1 n38_Ant 2_ECI 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				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	22.97	22.97	23.03	23.60
40	PI/2 BPSK	1	53	23.04	23.07	22.95	23.60
40	PI/2 BPSK	1	104	22.92	22.91	22.82	23.60
40	PI/2 BPSK	50	0	22.68	22.61	22.70	23.60
40	PI/2 BPSK	50	28	22.92	23.00	22.91	23.60
40	PI/2 BPSK	50	56	22.64	22.59	22.59	23.60
40	PI/2 BPSK	100	0	22.65	22.63	22.69	23.60
40	QPSK	1	1	23.01	22.89	22.99	23.60
40	QPSK	1	53	23.05	23.01	23.05	23.60
40	QPSK	1	104	22.84	22.97	23.02	23.60
40	QPSK	50	0	21.99	22.12	21.94	23.60
40	QPSK	50	28	22.88	22.90	22.86	23.60
40	QPSK	50	56	22.01	22.07	21.99	23.60
40	QPSK	100	0	22.04	22.13	22.13	23.60
40	16QAM	1	1	22.34	22.35	22.29	23.60
40	64QAM	1	1	21.40	21.40	21.34	22.50
40	256QAM	1	1	19.28	19.33	19.31	20.50
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	22.90	22.87	22.99	23.60
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	22.88	22.86	22.99	23.60
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	22.92	22.83	22.98	23.60
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	22.85	22.85	22.94	23.60
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	22.89	22.92	22.97	23.60

【FR1 n38_Ant 2_ECI 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				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	16.68	16.73	16.75	18.60
40	PI/2 BPSK	1	53	16.60	16.71	16.64	18.60
40	PI/2 BPSK	1	104	16.66	16.70	16.65	18.60
40	PI/2 BPSK	50	0	16.75	16.68	16.79	18.60
40	PI/2 BPSK	50	28	16.67	16.60	16.73	18.60
40	PI/2 BPSK	50	56	16.79	16.64	16.76	18.60
40	PI/2 BPSK	100	0	16.75	16.79	16.62	18.60
40	QPSK	1	1	16.79	16.68	16.65	18.60
40	QPSK	1	53	16.63	16.65	16.78	18.60
40	QPSK	1	104	16.80	16.78	16.78	18.60
40	QPSK	50	0	16.60	16.80	16.60	18.60
40	QPSK	50	28	16.75	16.76	16.69	18.60
40	QPSK	50	56	16.68	16.75	16.74	18.60
40	QPSK	100	0	16.64	16.66	16.61	18.60
40	16QAM	1	1	16.80	16.69	16.78	18.60
40	64QAM	1	1	16.71	16.61	16.68	18.60
40	256QAM	1	1	16.73	16.62	16.71	18.60
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	16.60	16.66	16.62	18.60
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	16.60	16.61	16.74	18.60
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	16.61	16.63	16.72	18.60
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	16.61	16.64	16.70	18.60
Channel				515000	519000	523000	Tune-up limit

Frequency (MHz)				2575	2595	2615	(dBm)
10	PI/2 BPSK	1	1	16.64	16.69	16.63	18.60

【FR1 n38_Ant 2_ECI 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				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	16.68	16.73	16.75	17.20
40	PI/2 BPSK	1	53	16.60	16.71	16.64	17.20
40	PI/2 BPSK	1	104	16.66	16.70	16.65	17.20
40	PI/2 BPSK	50	0	16.75	16.68	16.79	17.20
40	PI/2 BPSK	50	28	16.67	16.60	16.73	17.20
40	PI/2 BPSK	50	56	16.79	16.64	16.76	17.20
40	PI/2 BPSK	100	0	16.75	16.79	16.62	17.20
40	QPSK	1	1	16.79	16.68	16.65	17.20
40	QPSK	1	53	16.63	16.65	16.78	17.20
40	QPSK	1	104	16.80	16.78	16.78	17.20
40	QPSK	50	0	16.60	16.80	16.60	17.20
40	QPSK	50	28	16.75	16.76	16.69	17.20
40	QPSK	50	56	16.68	16.75	16.74	17.20
40	QPSK	100	0	16.64	16.66	16.61	17.20
40	16QAM	1	1	16.80	16.69	16.78	17.20
40	64QAM	1	1	16.71	16.61	16.68	17.20
40	256QAM	1	1	16.73	16.62	16.71	17.20
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	16.60	16.66	16.62	17.20
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	16.60	16.61	16.74	17.20
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	16.61	16.63	16.72	17.20
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	16.61	16.64	16.70	17.20
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	16.64	16.69	16.63	17.20

【FR1 n38_Ant 2_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	16.68	16.73	16.75	17.20
40	PI/2 BPSK	1	53	16.60	16.71	16.64	17.20
40	PI/2 BPSK	1	104	16.66	16.70	16.65	17.20
40	PI/2 BPSK	50	0	16.75	16.68	16.79	17.20
40	PI/2 BPSK	50	28	16.67	16.60	16.73	17.20
40	PI/2 BPSK	50	56	16.79	16.64	16.76	17.20
40	PI/2 BPSK	100	0	16.75	16.79	16.62	17.20
40	QPSK	1	1	16.79	16.68	16.65	17.20
40	QPSK	1	53	16.63	16.65	16.78	17.20
40	QPSK	1	104	16.80	16.78	16.78	17.20
40	QPSK	50	0	16.60	16.80	16.60	17.20
40	QPSK	50	28	16.75	16.76	16.69	17.20
40	QPSK	50	56	16.68	16.75	16.74	17.20
40	QPSK	100	0	16.64	16.66	16.61	17.20
40	16QAM	1	1	16.80	16.69	16.78	17.20
40	64QAM	1	1	16.71	16.61	16.68	17.20
40	256QAM	1	1	16.73	16.62	16.71	17.20
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	16.60	16.66	16.62	17.20
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	16.60	16.61	16.74	17.20
Channel				516000	519000	522000	Tune-up limit

Frequency (MHz)				2580	2595	2610	(dBm)
20	PI/2 BPSK	1	1	16.61	16.63	16.72	17.20
Channel				515000	519000	522500	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	PI/2 BPSK	1	1	16.61	16.64	16.70	17.20
Channel				515000	519000	523000	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	PI/2 BPSK	1	1	16.64	16.69	16.63	17.20

【FR1 n38_Ant 5_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	Tune-up limit (dBm)
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	16.77	16.82	16.78	17.50
40	PI/2 BPSK	1	53	16.69	16.77	16.59	17.50
40	PI/2 BPSK	1	104	16.57	16.74	16.60	17.50
40	PI/2 BPSK	50	0	16.57	16.66	16.53	17.50
40	PI/2 BPSK	50	28	16.42	16.56	16.37	17.50
40	PI/2 BPSK	50	56	16.35	16.49	16.42	17.50
40	PI/2 BPSK	100	0	16.40	16.60	16.54	17.50
40	QPSK	1	1	16.71	16.82	16.69	17.50
40	QPSK	1	53	16.57	16.73	16.56	17.50
40	QPSK	1	104	16.64	16.75	16.62	17.50
40	QPSK	50	0	16.64	16.75	16.58	17.50
40	QPSK	50	28	16.54	16.68	16.54	17.50
40	QPSK	50	56	16.40	16.52	16.38	17.50
40	QPSK	100	0	16.53	16.63	16.49	17.50
40	16QAM	1	1	16.52	16.71	16.65	17.50
40	64QAM	1	1	16.40	16.52	16.35	17.50
40	256QAM	1	1	16.44	16.59	16.42	17.50
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	16.71	16.76	16.64	17.50
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	16.64	16.71	16.67	17.50
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	16.71	16.79	16.69	17.50
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	16.66	16.80	16.65	17.50
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	16.70	16.76	16.67	17.50

【FR1 n38_Ant 5_ECI 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				518000	519000	520000	Tune-up limit (dBm)
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	16.77	16.82	16.78	17.50
40	PI/2 BPSK	1	53	16.69	16.77	16.59	17.50
40	PI/2 BPSK	1	104	16.57	16.74	16.60	17.50
40	PI/2 BPSK	50	0	16.57	16.66	16.53	17.50
40	PI/2 BPSK	50	28	16.42	16.56	16.37	17.50
40	PI/2 BPSK	50	56	16.35	16.49	16.42	17.50
40	PI/2 BPSK	100	0	16.40	16.60	16.54	17.50
40	QPSK	1	1	16.71	16.82	16.69	17.50
40	QPSK	1	53	16.57	16.73	16.56	17.50
40	QPSK	1	104	16.64	16.75	16.62	17.50
40	QPSK	50	0	16.64	16.75	16.58	17.50
40	QPSK	50	28	16.54	16.68	16.54	17.50
40	QPSK	50	56	16.40	16.52	16.38	17.50
40	QPSK	100	0	16.53	16.63	16.49	17.50

40	16QAM	1	1	16.52	16.71	16.65	17.50
40	64QAM	1	1	16.40	16.52	16.35	17.50
40	256QAM	1	1	16.44	16.59	16.42	17.50
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	16.71	16.76	16.64	17.50
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	16.64	16.71	16.67	17.50
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	16.71	16.79	16.69	17.50
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	16.66	16.80	16.65	17.50
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	16.70	16.76	16.67	17.50

【FR1 n38_Ant 5_ECI 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				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	18.61	18.57	18.45	19.30
40	PI/2 BPSK	1	53	18.69	18.52	18.56	19.30
40	PI/2 BPSK	1	104	18.30	18.41	18.56	19.30
40	PI/2 BPSK	50	0	18.60	18.37	18.71	19.30
40	PI/2 BPSK	50	28	18.49	18.21	18.34	19.30
40	PI/2 BPSK	50	56	18.56	18.18	18.54	19.30
40	PI/2 BPSK	100	0	18.68	18.30	18.42	19.30
40	QPSK	1	1	18.69	18.56	18.37	19.30
40	QPSK	1	53	18.73	18.40	18.47	19.30
40	QPSK	1	104	18.46	18.37	18.39	19.30
40	QPSK	50	0	18.76	18.39	18.74	19.30
40	QPSK	50	28	18.57	18.34	18.41	19.30
40	QPSK	50	56	18.60	18.15	18.55	19.30
40	QPSK	100	0	18.66	18.37	18.55	19.30
40	16QAM	1	1	18.69	18.80	18.74	19.30
40	64QAM	1	1	18.67	18.53	18.57	19.30
40	256QAM	1	1	18.85	18.73	18.76	19.30
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	18.54	18.55	18.35	19.30
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	18.50	18.47	18.33	19.30
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	18.49	18.44	18.31	19.30
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	18.52	18.53	18.35	19.30
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	18.50	18.45	18.36	19.30

【FR1 n38_Ant 5_ECI 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				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	16.30	16.24	16.20	16.70
40	PI/2 BPSK	1	53	16.26	16.27	16.22	16.70
40	PI/2 BPSK	1	104	16.23	16.23	16.18	16.70
40	PI/2 BPSK	50	0	16.19	16.24	16.16	16.70
40	PI/2 BPSK	50	28	16.21	16.23	16.10	16.70
40	PI/2 BPSK	50	56	16.12	16.18	16.12	16.70
40	PI/2 BPSK	100	0	16.17	16.24	16.15	16.70
40	QPSK	1	1	16.28	16.25	16.16	16.70

40	QPSK	1	53	16.26	16.26	16.17	16.70
40	QPSK	1	104	16.27	16.24	16.11	16.70
40	QPSK	50	0	16.15	16.23	16.10	16.70
40	QPSK	50	28	16.15	16.23	16.11	16.70
40	QPSK	50	56	16.12	16.17	16.10	16.70
40	QPSK	100	0	16.29	16.25	16.10	16.70
40	16QAM	1	1	16.60	16.61	16.42	16.70
40	64QAM	1	1	16.32	16.39	16.29	16.70
40	256QAM	1	1	16.60	16.64	16.52	16.70
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	16.20	16.15	16.14	16.70
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	16.23	16.12	16.14	16.70
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	16.27	16.18	16.12	16.70
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	16.28	16.16	16.10	16.70
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	16.28	16.18	16.13	16.70

【FR1 n38_Ant 5_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	16.30	16.24	16.20	16.70
40	PI/2 BPSK	1	53	16.26	16.27	16.22	16.70
40	PI/2 BPSK	1	104	16.23	16.23	16.18	16.70
40	PI/2 BPSK	50	0	16.19	16.24	16.16	16.70
40	PI/2 BPSK	50	28	16.21	16.23	16.10	16.70
40	PI/2 BPSK	50	56	16.12	16.18	16.12	16.70
40	PI/2 BPSK	100	0	16.17	16.24	16.15	16.70
40	QPSK	1	1	16.28	16.25	16.16	16.70
40	QPSK	1	53	16.26	16.26	16.17	16.70
40	QPSK	1	104	16.27	16.24	16.11	16.70
40	QPSK	50	0	16.15	16.23	16.10	16.70
40	QPSK	50	28	16.15	16.23	16.11	16.70
40	QPSK	50	56	16.12	16.17	16.10	16.70
40	QPSK	100	0	16.29	16.25	16.10	16.70
40	16QAM	1	1	16.60	16.61	16.42	16.70
40	64QAM	1	1	16.32	16.39	16.29	16.70
40	256QAM	1	1	16.60	16.64	16.52	16.70
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	16.20	16.15	16.14	16.70
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	16.23	16.12	16.14	16.70
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	16.27	16.18	16.12	16.70
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	16.28	16.16	16.10	16.70
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	16.28	16.18	16.13	16.70

【FR1 n41_FCC_Ant 0_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
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Channel				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.65	23.75	23.75	24.70
100	PI/2 BPSK	1	137	23.89	23.80	23.64	24.70
100	PI/2 BPSK	1	271	23.75	23.57	23.64	24.70
100	PI/2 BPSK	135	0	23.24	23.42	23.38	23.70
100	PI/2 BPSK	135	69	23.61	23.73	23.67	24.70
100	PI/2 BPSK	135	138	23.26	23.33	23.34	23.70
100	PI/2 BPSK	270	0	23.29	23.41	23.39	23.70
100	QPSK	1	1	23.68	23.76	23.77	24.90
100	QPSK	1	137	23.86	23.83	23.68	24.90
100	QPSK	1	271	23.77	23.60	23.65	24.90
100	QPSK	135	0	22.70	22.94	22.91	23.90
100	QPSK	135	69	23.65	23.81	23.75	24.90
100	QPSK	135	138	22.78	22.84	22.80	23.90
100	QPSK	270	0	22.83	22.90	22.91	23.90
100	16QAM	1	1	23.15	23.02	23.23	23.90
100	64QAM	1	1	21.19	21.01	21.36	22.40
100	256QAM	1	1	19.06	19.08	19.16	20.40
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	QPSK	1	1	23.58	23.67	23.64	24.90
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	QPSK	1	1	23.59	23.67	23.70	24.90
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	QPSK	1	1	23.62	23.68	23.65	24.90
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	QPSK	1	1	23.60	23.70	23.69	24.90
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	QPSK	1	1	23.61	23.63	23.74	24.90
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	QPSK	1	1	23.61	23.63	23.63	24.90
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	QPSK	1	1	23.62	23.69	23.73	24.90
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	QPSK	1	1	23.59	23.71	23.70	24.90
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	QPSK	1	1	23.57	23.66	23.62	24.90
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	QPSK	1	1	23.52	23.61	23.70	24.90
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	QPSK	1	1	23.59	23.73	23.65	24.90

【FR1 n41 FCC_Ant 0_ECI 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				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.65	23.75	23.75	24.70
100	PI/2 BPSK	1	137	23.89	23.80	23.64	24.70
100	PI/2 BPSK	1	271	23.75	23.57	23.64	24.70
100	PI/2 BPSK	135	0	23.24	23.42	23.38	23.70
100	PI/2 BPSK	135	69	23.61	23.73	23.67	24.70
100	PI/2 BPSK	135	138	23.26	23.33	23.34	23.70
100	PI/2 BPSK	270	0	23.29	23.41	23.39	23.70
100	QPSK	1	1	23.68	23.76	23.77	24.90
100	QPSK	1	137	23.86	23.83	23.68	24.90
100	QPSK	1	271	23.77	23.60	23.65	24.90
100	QPSK	135	0	22.70	22.94	22.91	23.90
100	QPSK	135	69	23.65	23.81	23.75	24.90
100	QPSK	135	138	22.78	22.84	22.80	23.90
100	QPSK	270	0	22.83	22.90	22.91	23.90
100	16QAM	1	1	23.15	23.02	23.23	23.90
100	64QAM	1	1	21.19	21.01	21.36	22.40

100	256QAM	1	1	19.06	19.08	19.16	20.40
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	QPSK	1	1	23.58	23.67	23.64	24.90
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	QPSK	1	1	23.59	23.67	23.70	24.90
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	QPSK	1	1	23.62	23.68	23.65	24.90
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	QPSK	1	1	23.60	23.70	23.69	24.90
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	QPSK	1	1	23.61	23.63	23.74	24.90
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	QPSK	1	1	23.61	23.63	23.63	24.90
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	QPSK	1	1	23.62	23.69	23.73	24.90
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	QPSK	1	1	23.59	23.71	23.70	24.90
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	QPSK	1	1	23.57	23.66	23.62	24.90
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	QPSK	1	1	23.52	23.61	23.70	24.90
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	QPSK	1	1	23.59	23.73	23.65	24.90

【FR1 n41_FCC_Ant 0_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	15.77	15.65	15.75	15.80
100	PI/2 BPSK	1	137	15.71	15.80	15.73	15.80
100	PI/2 BPSK	1	271	15.76	15.78	15.78	15.80
100	PI/2 BPSK	135	0	15.61	15.79	15.71	15.80
100	PI/2 BPSK	135	69	15.56	15.64	15.60	15.80
100	PI/2 BPSK	135	138	15.59	15.69	15.68	15.80
100	PI/2 BPSK	270	0	15.61	15.71	15.66	15.80
100	QPSK	1	1	15.79	15.63	15.77	15.80
100	QPSK	1	137	15.70	15.74	15.71	15.80
100	QPSK	1	271	15.76	15.77	15.72	15.80
100	QPSK	135	0	15.62	15.79	15.77	15.80
100	QPSK	135	69	15.64	15.70	15.68	15.80
100	QPSK	135	138	15.62	15.74	15.72	15.80
100	QPSK	270	0	15.63	15.69	15.68	15.80
100	16QAM	1	1	15.74	15.73	15.73	15.80
100	64QAM	1	1	15.51	15.50	15.56	15.80
100	256QAM	1	1	15.50	15.52	15.53	15.80
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	15.75	15.62	15.72	15.80
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	15.75	15.50	15.74	15.80
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	15.66	15.51	15.71	15.80
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	15.76	15.57	15.79	15.80
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	15.65	15.58	15.74	15.80
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)

40	PI/2 BPSK	1	1	15.70	15.58	15.71	15.80
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	15.69	15.51	15.78	15.80
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	15.71	15.52	15.74	15.80
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	15.69	15.53	15.71	15.80
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	15.65	15.54	15.73	15.80
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	15.71	15.61	15.78	15.80

【FR1 n41_FCC_Ant 0_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	15.77	15.65	15.75	17.10
100	PI/2 BPSK	1	137	15.71	15.80	15.73	17.10
100	PI/2 BPSK	1	271	15.76	15.78	15.78	17.10
100	PI/2 BPSK	135	0	15.61	15.79	15.71	17.10
100	PI/2 BPSK	135	69	15.56	15.64	15.60	17.10
100	PI/2 BPSK	135	138	15.59	15.69	15.68	17.10
100	PI/2 BPSK	270	0	15.61	15.71	15.66	17.10
100	QPSK	1	1	15.79	15.63	15.77	17.10
100	QPSK	1	137	15.70	15.74	15.71	17.10
100	QPSK	1	271	15.76	15.77	15.72	17.10
100	QPSK	135	0	15.62	15.79	15.77	17.10
100	QPSK	135	69	15.64	15.70	15.68	17.10
100	QPSK	135	138	15.62	15.74	15.72	17.10
100	QPSK	270	0	15.63	15.69	15.68	17.10
100	16QAM	1	1	15.74	15.73	15.73	17.10
100	64QAM	1	1	15.51	15.50	15.56	17.10
100	256QAM	1	1	15.50	15.52	15.53	17.10
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	15.75	15.62	15.72	17.10
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	15.75	15.50	15.74	17.10
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	15.66	15.51	15.71	17.10
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	15.76	15.57	15.79	17.10
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	15.65	15.58	15.74	17.10
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	15.70	15.58	15.71	17.10
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	15.69	15.51	15.78	17.10
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	15.71	15.52	15.74	17.10
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	15.69	15.53	15.71	17.10
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	15.65	15.54	15.73	17.10
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	15.71	15.61	15.78	17.10

【FR1 n41_FCC_Ant 0_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	15.77	15.65	15.75	15.80
100	PI/2 BPSK	1	137	15.71	15.80	15.73	15.80
100	PI/2 BPSK	1	271	15.76	15.78	15.78	15.80
100	PI/2 BPSK	135	0	15.61	15.79	15.71	15.80
100	PI/2 BPSK	135	69	15.56	15.64	15.60	15.80
100	PI/2 BPSK	135	138	15.59	15.69	15.68	15.80
100	PI/2 BPSK	270	0	15.61	15.71	15.66	15.80
100	QPSK	1	1	15.79	15.63	15.77	15.80
100	QPSK	1	137	15.70	15.74	15.71	15.80
100	QPSK	1	271	15.76	15.77	15.72	15.80
100	QPSK	135	0	15.62	15.79	15.77	15.80
100	QPSK	135	69	15.64	15.70	15.68	15.80
100	QPSK	135	138	15.62	15.74	15.72	15.80
100	QPSK	270	0	15.63	15.69	15.68	15.80
100	16QAM	1	1	15.74	15.73	15.73	15.80
100	64QAM	1	1	15.51	15.50	15.56	15.80
100	256QAM	1	1	15.50	15.52	15.53	15.80
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	15.75	15.62	15.72	15.80
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	15.75	15.50	15.74	15.80
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	15.66	15.51	15.71	15.80
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	15.76	15.57	15.79	15.80
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	15.65	15.58	15.74	15.80
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	15.70	15.58	15.71	15.80
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	15.69	15.51	15.78	15.80
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	15.71	15.52	15.74	15.80
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	15.69	15.53	15.71	15.80
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	15.65	15.54	15.73	15.80
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	15.71	15.61	15.78	15.80

【FR1 n41_FCC_HPUE_Ant 0_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	25.59	25.63	25.78	26.80
100	PI/2 BPSK	1	137	25.65	25.73	25.64	26.80
100	PI/2 BPSK	1	271	25.74	25.55	25.63	26.80
100	PI/2 BPSK	135	0	24.61	24.86	24.77	26.30
100	PI/2 BPSK	135	69	25.64	25.82	25.71	26.80
100	PI/2 BPSK	135	138	24.64	24.76	24.65	26.30

100	PI/2 BPSK	270	0	24.58	24.80	24.70	26.30
100	QPSK	1	1	25.65	25.62	25.81	26.80
100	QPSK	1	137	25.69	25.72	25.67	26.80
100	QPSK	1	271	25.78	25.54	25.67	26.80
100	QPSK	135	0	24.59	24.86	24.78	25.80
100	QPSK	135	69	25.71	25.81	25.77	26.80
100	QPSK	135	138	24.67	24.76	24.69	25.80
100	QPSK	270	0	24.66	24.80	24.75	25.80
100	16QAM	1	1	24.55	24.57	24.74	25.80
100	64QAM	1	1	23.05	23.09	23.27	24.30
100	256QAM	1	1	21.19	21.26	21.40	22.30
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	25.58	25.52	25.74	26.80
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	25.47	25.51	25.74	26.80
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	25.53	25.54	25.76	26.80
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	25.55	25.48	25.75	26.80
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	25.48	25.57	25.70	26.80
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	25.54	25.55	25.77	26.80
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	25.53	25.62	25.70	26.80
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	25.56	25.58	25.74	26.80
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	25.46	25.54	25.64	26.80
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	25.50	25.61	25.76	26.80
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	25.45	25.61	25.64	26.80

【FR1 n41 FCC_HPUE_Ant 0 ECI 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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	25.59	25.63	25.78	26.80
100	PI/2 BPSK	1	137	25.65	25.73	25.64	26.80
100	PI/2 BPSK	1	271	25.74	25.55	25.63	26.80
100	PI/2 BPSK	135	0	24.61	24.86	24.77	26.30
100	PI/2 BPSK	135	69	25.64	25.82	25.71	26.80
100	PI/2 BPSK	135	138	24.64	24.76	24.65	26.30
100	PI/2 BPSK	270	0	24.58	24.80	24.70	26.30
100	QPSK	1	1	25.65	25.62	25.81	26.80
100	QPSK	1	137	25.69	25.72	25.67	26.80
100	QPSK	1	271	25.78	25.54	25.67	26.80
100	QPSK	135	0	24.59	24.86	24.78	25.80
100	QPSK	135	69	25.71	25.81	25.77	26.80
100	QPSK	135	138	24.67	24.76	24.69	25.80
100	QPSK	270	0	24.66	24.80	24.75	25.80
100	16QAM	1	1	24.55	24.57	24.74	25.80
100	64QAM	1	1	23.05	23.09	23.27	24.30
100	256QAM	1	1	21.19	21.26	21.40	22.30
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	25.58	25.52	25.74	26.80
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	25.47	25.51	25.74	26.80
Channel				506202	518598	531000	Tune-up limit

	Frequency (MHz)			2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	25.53	25.54	25.76	26.80
	Channel			505200	518598	531996	Tune-up limit
	Frequency (MHz)			2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	25.55	25.48	25.75	26.80
	Channel			504204	518598	532998	Tune-up limit
	Frequency (MHz)			2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	25.48	25.57	25.70	26.80
	Channel			503202	518598	534000	Tune-up limit
	Frequency (MHz)			2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	25.54	25.55	25.77	26.80
	Channel			502200	518598	534996	Tune-up limit
	Frequency (MHz)			2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	25.53	25.62	25.70	26.80
	Channel			501702	518598	535500	Tune-up limit
	Frequency (MHz)			2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	25.56	25.58	25.74	26.80
	Channel			501204	518598	535998	Tune-up limit
	Frequency (MHz)			2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	25.46	25.54	25.64	26.80
	Channel			500700	518598	536496	Tune-up limit
	Frequency (MHz)			2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	25.50	25.61	25.76	26.80
	Channel			500202	518598	537000	Tune-up limit
	Frequency (MHz)			2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	25.45	25.61	25.64	26.80

【FR1 n41 FCC_HPUE_Ant 0 ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel			509202	518598	528000	
	Frequency (MHz)			2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	18.71	18.64	18.74	18.80
100	PI/2 BPSK	1	137	18.77	18.80	18.75	18.80
100	PI/2 BPSK	1	271	18.72	18.73	18.78	18.80
100	PI/2 BPSK	135	0	18.75	18.79	18.72	18.80
100	PI/2 BPSK	135	69	18.78	18.77	18.77	18.80
100	PI/2 BPSK	135	138	18.74	18.79	18.78	18.80
100	PI/2 BPSK	270	0	18.72	18.80	18.74	18.80
100	QPSK	1	1	18.80	18.75	18.80	18.80
100	QPSK	1	137	18.74	18.71	18.80	18.80
100	QPSK	1	271	18.73	18.73	18.72	18.80
100	QPSK	135	0	18.78	18.77	18.72	18.80
100	QPSK	135	69	18.71	18.77	18.74	18.80
100	QPSK	135	138	18.71	18.79	18.73	18.80
100	QPSK	270	0	18.80	18.79	18.75	18.80
100	16QAM	1	1	18.61	18.59	18.78	18.80
100	64QAM	1	1	18.56	18.63	18.80	18.80
100	256QAM	1	1	18.78	18.72	18.75	18.80
	Channel			508200	518598	528996	Tune-up limit
	Frequency (MHz)			2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	18.69	18.54	18.71	18.80
	Channel			507204	518598	529998	Tune-up limit
	Frequency (MHz)			2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	18.61	18.56	18.65	18.80
	Channel			506202	518598	531000	Tune-up limit
	Frequency (MHz)			2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	18.65	18.52	18.69	18.80
	Channel			505200	518598	531996	Tune-up limit
	Frequency (MHz)			2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	18.60	18.54	18.72	18.80
	Channel			504204	518598	532998	Tune-up limit
	Frequency (MHz)			2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	18.69	18.58	18.67	18.80
	Channel			503202	518598	534000	Tune-up limit
	Frequency (MHz)			2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	18.68	18.57	18.68	18.80
	Channel			502200	518598	534996	Tune-up limit
	Frequency (MHz)			2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	18.68	18.53	18.72	18.80
	Channel			501702	518598	535500	Tune-up limit
	Frequency (MHz)			2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	18.61	18.50	18.67	18.80
	Channel			501204	518598	535998	Tune-up limit

Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	18.62	18.62	18.62	18.80
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	18.57	18.50	18.64	18.80
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	18.66	18.62	18.70	18.80

【FR1 n41_FCC_HPUE_Ant 0_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	18.71	18.64	18.74	20.10
100	PI/2 BPSK	1	137	18.77	18.80	18.75	20.10
100	PI/2 BPSK	1	271	18.72	18.73	18.78	20.10
100	PI/2 BPSK	135	0	18.75	18.79	18.72	20.10
100	PI/2 BPSK	135	69	18.78	18.77	18.77	20.10
100	PI/2 BPSK	135	138	18.74	18.79	18.78	20.10
100	PI/2 BPSK	270	0	18.72	18.80	18.74	20.10
100	QPSK	1	1	18.80	18.75	18.80	20.10
100	QPSK	1	137	18.74	18.71	18.80	20.10
100	QPSK	1	271	18.73	18.73	18.72	20.10
100	QPSK	135	0	18.78	18.77	18.72	20.10
100	QPSK	135	69	18.71	18.77	18.74	20.10
100	QPSK	135	138	18.71	18.79	18.73	20.10
100	QPSK	270	0	18.80	18.79	18.75	20.10
100	16QAM	1	1	18.61	18.59	18.78	20.10
100	64QAM	1	1	18.56	18.63	18.80	20.10
100	256QAM	1	1	18.78	18.72	18.75	20.10
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	18.69	18.54	18.71	20.10
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	18.61	18.56	18.65	20.10
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	18.65	18.52	18.69	20.10
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	18.60	18.54	18.72	20.10
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	18.69	18.58	18.67	20.10
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	18.68	18.57	18.68	20.10
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	18.68	18.53	18.72	20.10
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	18.61	18.50	18.67	20.10
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	18.62	18.62	18.62	20.10
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	18.57	18.50	18.64	20.10
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	18.66	18.62	18.70	20.10

【FR1 n41_FCC_HPUE_Ant 0_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	

100	PI/2 BPSK	1	1	18.71	18.64	18.74	18.80
100	PI/2 BPSK	1	137	18.77	18.80	18.75	18.80
100	PI/2 BPSK	1	271	18.72	18.73	18.78	18.80
100	PI/2 BPSK	135	0	18.75	18.79	18.72	18.80
100	PI/2 BPSK	135	69	18.78	18.77	18.77	18.80
100	PI/2 BPSK	135	138	18.74	18.79	18.78	18.80
100	PI/2 BPSK	270	0	18.72	18.80	18.74	18.80
100	QPSK	1	1	18.80	18.75	18.80	18.80
100	QPSK	1	137	18.74	18.71	18.80	18.80
100	QPSK	1	271	18.73	18.73	18.72	18.80
100	QPSK	135	0	18.78	18.77	18.72	18.80
100	QPSK	135	69	18.71	18.77	18.74	18.80
100	QPSK	135	138	18.71	18.79	18.73	18.80
100	QPSK	270	0	18.80	18.79	18.75	18.80
100	16QAM	1	1	18.61	18.59	18.78	18.80
100	64QAM	1	1	18.56	18.63	18.80	18.80
100	256QAM	1	1	18.78	18.72	18.75	18.80
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	18.69	18.54	18.71	18.80
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	18.61	18.56	18.65	18.80
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	18.65	18.52	18.69	18.80
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	18.60	18.54	18.72	18.80
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	18.69	18.58	18.67	18.80
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	18.68	18.57	18.68	18.80
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	18.68	18.53	18.72	18.80
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	18.61	18.50	18.67	18.80
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	18.62	18.62	18.62	18.80
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	18.57	18.50	18.64	18.80
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	18.66	18.62	18.70	18.80

【FR1 n41_FCC_Ant 1_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	16.84	16.90	16.87	18.30
100	PI/2 BPSK	1	137	16.87	16.94	16.90	18.30
100	PI/2 BPSK	1	271	16.73	16.84	16.67	18.30
100	PI/2 BPSK	135	0	16.72	16.86	16.70	18.30
100	PI/2 BPSK	135	69	16.62	16.76	16.61	18.30
100	PI/2 BPSK	135	138	16.55	16.68	16.55	18.30
100	PI/2 BPSK	270	0	16.55	16.75	16.58	18.30
100	QPSK	1	1	16.72	16.89	16.79	18.30
100	QPSK	1	137	16.83	16.93	16.85	18.30
100	QPSK	1	271	16.74	16.84	16.77	18.30
100	QPSK	135	0	16.73	16.86	16.82	18.30
100	QPSK	135	69	16.62	16.76	16.69	18.30
100	QPSK	135	138	16.56	16.66	16.57	18.30
100	QPSK	270	0	16.64	16.75	16.68	18.30

100	16QAM	1	1	16.76	16.89	16.76	18.30
100	64QAM	1	1	16.52	16.70	16.65	18.30
100	256QAM	1	1	16.58	16.66	16.61	18.30
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	16.75	16.76	16.74	18.30
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	16.76	16.81	16.84	18.30
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	16.80	16.83	16.82	18.30
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	16.81	16.76	16.79	18.30
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	16.77	16.80	16.74	18.30
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	16.76	16.83	16.72	18.30
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	16.71	16.79	16.81	18.30
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	16.71	16.84	16.85	18.30
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	16.72	16.80	16.85	18.30
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	16.79	16.75	16.72	18.30
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	16.79	16.75	16.78	18.30

【FR1 n41_FCC_Ant 1_ECI 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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	16.84	16.90	16.87	17.60
100	PI/2 BPSK	1	137	16.87	16.94	16.90	17.60
100	PI/2 BPSK	1	271	16.73	16.84	16.67	17.60
100	PI/2 BPSK	135	0	16.72	16.86	16.70	17.60
100	PI/2 BPSK	135	69	16.62	16.76	16.61	17.60
100	PI/2 BPSK	135	138	16.55	16.68	16.55	17.60
100	PI/2 BPSK	270	0	16.55	16.75	16.58	17.60
100	QPSK	1	1	16.72	16.89	16.79	17.60
100	QPSK	1	137	16.83	16.93	16.85	17.60
100	QPSK	1	271	16.74	16.84	16.77	17.60
100	QPSK	135	0	16.73	16.86	16.82	17.60
100	QPSK	135	69	16.62	16.76	16.69	17.60
100	QPSK	135	138	16.56	16.66	16.57	17.60
100	QPSK	270	0	16.64	16.75	16.68	17.60
100	16QAM	1	1	16.76	16.89	16.76	17.60
100	64QAM	1	1	16.52	16.70	16.65	17.60
100	256QAM	1	1	16.58	16.66	16.61	17.60
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	16.75	16.76	16.74	17.60
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	16.76	16.81	16.84	17.60
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	16.80	16.83	16.82	17.60
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	16.81	16.76	16.79	17.60
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	16.77	16.80	16.74	17.60

Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	16.76	16.83	16.72	17.60
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	16.71	16.79	16.81	17.60
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	16.71	16.84	16.85	17.60
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	16.72	16.80	16.85	17.60
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	16.79	16.75	16.72	17.60
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	16.79	16.75	16.78	17.60

【FR1 n41 FCC_Ant 1_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	17.81	17.88	17.87	18.20
100	PI/2 BPSK	1	137	17.79	17.90	17.82	18.20
100	PI/2 BPSK	1	271	17.78	17.89	17.85	18.20
100	PI/2 BPSK	135	0	17.62	17.64	17.63	18.20
100	PI/2 BPSK	135	69	17.60	17.62	17.60	18.20
100	PI/2 BPSK	135	138	17.60	17.63	17.62	18.20
100	PI/2 BPSK	270	0	17.63	17.77	17.64	18.20
100	QPSK	1	1	17.68	17.89	17.83	18.20
100	QPSK	1	137	17.83	17.88	17.85	18.20
100	QPSK	1	271	17.70	17.88	17.73	18.20
100	QPSK	135	0	17.61	17.63	17.62	18.20
100	QPSK	135	69	17.60	17.62	17.61	18.20
100	QPSK	135	138	17.60	17.60	17.61	18.20
100	QPSK	270	0	17.64	17.75	17.63	18.20
100	16QAM	1	1	17.73	17.89	17.76	18.20
100	64QAM	1	1	17.64	17.68	17.64	18.20
100	256QAM	1	1	17.64	17.67	17.63	18.20
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	17.79	17.89	17.85	18.20
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	17.76	17.87	17.85	18.20
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	17.79	17.81	17.75	18.20
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	17.68	17.86	17.82	18.20
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	17.75	17.87	17.82	18.20
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	17.70	17.75	17.80	18.20
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	17.79	17.82	17.83	18.20
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	17.68	17.79	17.74	18.20
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	17.77	17.83	17.83	18.20
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	17.79	17.79	17.78	18.20
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	17.79	17.79	17.85	18.20

【FR1 n41 _FCC_Ant 1_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	20.26	20.28	20.29	21.00
100	PI/2 BPSK	1	137	20.29	20.39	20.28	21.00
100	PI/2 BPSK	1	271	20.27	20.30	20.27	21.00
100	PI/2 BPSK	135	0	20.08	20.14	20.09	21.00
100	PI/2 BPSK	135	69	20.04	20.11	20.03	21.00
100	PI/2 BPSK	135	138	20.08	20.09	20.08	21.00
100	PI/2 BPSK	270	0	20.12	20.26	20.05	21.00
100	QPSK	1	1	20.17	20.32	20.28	21.00
100	QPSK	1	137	20.31	20.30	20.33	21.00
100	QPSK	1	271	20.14	20.30	20.18	21.00
100	QPSK	135	0	20.06	20.13	20.05	21.00
100	QPSK	135	69	20.06	20.10	20.11	21.00
100	QPSK	135	138	20.02	20.01	20.01	21.00
100	QPSK	270	0	20.05	20.25	20.11	21.00
100	16QAM	1	1	20.18	20.29	20.16	21.00
100	64QAM	1	1	20.12	20.18	20.06	21.00
100	256QAM	1	1	19.35	19.36	19.28	20.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	20.18	20.14	20.24	21.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.21	20.19	20.19	21.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	20.12	20.26	20.26	21.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.12	20.25	20.24	21.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	20.12	20.20	20.14	21.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.16	20.19	20.21	21.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.15	20.22	20.16	21.00
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	20.12	20.26	20.15	21.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.19	20.20	20.15	21.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	20.21	20.16	20.24	21.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	20.16	20.16	20.25	21.00

【FR1 n41 _FCC_Ant 1_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	17.81	17.88	17.87	18.20
100	PI/2 BPSK	1	137	17.79	17.90	17.82	18.20
100	PI/2 BPSK	1	271	17.78	17.89	17.85	18.20
100	PI/2 BPSK	135	0	17.62	17.64	17.63	18.20
100	PI/2 BPSK	135	69	17.60	17.62	17.60	18.20
100	PI/2 BPSK	135	138	17.60	17.63	17.62	18.20
100	PI/2 BPSK	270	0	17.63	17.77	17.64	18.20
100	QPSK	1	1	17.68	17.89	17.83	18.20

100	QPSK	1	137	17.83	17.88	17.85	18.20
100	QPSK	1	271	17.70	17.88	17.73	18.20
100	QPSK	135	0	17.61	17.63	17.62	18.20
100	QPSK	135	69	17.60	17.62	17.61	18.20
100	QPSK	135	138	17.60	17.60	17.61	18.20
100	QPSK	270	0	17.64	17.75	17.63	18.20
100	16QAM	1	1	17.73	17.89	17.76	18.20
100	64QAM	1	1	17.64	17.68	17.64	18.20
100	256QAM	1	1	17.64	17.67	17.63	18.20
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	17.79	17.89	17.85	18.20
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	17.76	17.87	17.85	18.20
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	17.79	17.81	17.75	18.20
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	17.68	17.86	17.82	18.20
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	17.75	17.87	17.82	18.20
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	17.70	17.75	17.80	18.20
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	17.79	17.82	17.83	18.20
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	17.68	17.79	17.74	18.20
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	17.77	17.83	17.83	18.20
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	17.79	17.79	17.78	18.20
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	17.79	17.79	17.85	18.20

【FR1 n41 _FCC_HPUE_Ant 1_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	20.14	20.20	20.04	21.30
100	PI/2 BPSK	1	137	19.91	20.10	19.80	21.30
100	PI/2 BPSK	1	271	19.80	19.98	19.75	21.30
100	PI/2 BPSK	135	0	20.04	20.13	19.84	21.30
100	PI/2 BPSK	135	69	19.95	20.02	19.72	21.30
100	PI/2 BPSK	135	138	19.71	19.84	19.60	21.30
100	PI/2 BPSK	270	0	19.78	19.89	19.71	21.30
100	QPSK	1	1	20.11	20.19	19.89	21.30
100	QPSK	1	137	19.93	20.13	19.92	21.30
100	QPSK	1	271	19.88	20.00	19.74	21.30
100	QPSK	135	0	20.06	20.13	19.95	21.30
100	QPSK	135	69	20.03	20.11	19.92	21.30
100	QPSK	135	138	19.78	19.86	19.56	21.30
100	QPSK	270	0	19.80	19.97	19.76	21.30
100	16QAM	1	1	19.87	20.07	19.81	21.30
100	64QAM	1	1	19.86	20.03	19.80	21.30
100	256QAM	1	1	20.15	20.28	20.06	21.30
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	20.00	20.11	19.93	21.30
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)

80	PI/2 BPSK	1	1	20.01	20.06	19.96	21.30
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	20.08	20.06	20.02	21.30
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	20.08	20.15	19.92	21.30
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	20.10	20.18	20.01	21.30
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	20.03	20.09	20.00	21.30
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	20.06	20.10	20.01	21.30
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	20.08	20.10	19.91	21.30
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	20.07	20.18	19.93	21.30
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	20.13	20.06	19.97	21.30
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	20.03	20.10	19.98	21.30

【FR1 n41_FCC_HPUE_Ant 1_ECI 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				509202	518598	528000	Tune-up limit
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	20.14	20.20	20.04	20.60
100	PI/2 BPSK	1	137	19.91	20.10	19.80	20.60
100	PI/2 BPSK	1	271	19.80	19.98	19.75	20.60
100	PI/2 BPSK	135	0	20.04	20.13	19.84	20.60
100	PI/2 BPSK	135	69	19.95	20.02	19.72	20.60
100	PI/2 BPSK	135	138	19.71	19.84	19.60	20.60
100	PI/2 BPSK	270	0	19.78	19.89	19.71	20.60
100	QPSK	1	1	20.11	20.19	19.89	20.60
100	QPSK	1	137	19.93	20.13	19.92	20.60
100	QPSK	1	271	19.88	20.00	19.74	20.60
100	QPSK	135	0	20.06	20.13	19.95	20.60
100	QPSK	135	69	20.03	20.11	19.92	20.60
100	QPSK	135	138	19.78	19.86	19.56	20.60
100	QPSK	270	0	19.80	19.97	19.76	20.60
100	16QAM	1	1	19.87	20.07	19.81	20.60
100	64QAM	1	1	19.86	20.03	19.80	20.60
100	256QAM	1	1	20.15	20.28	20.06	20.60
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	20.00	20.11	19.93	20.60
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	20.01	20.06	19.96	20.60
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	20.08	20.06	20.02	20.60
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	20.08	20.15	19.92	20.60
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	20.10	20.18	20.01	20.60
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	20.03	20.09	20.00	20.60
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	20.06	20.10	20.01	20.60
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)

25	PI/2 BPSK	1	1	20.08	20.10	19.91	20.60
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.07	20.18	19.93	20.60
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	20.13	20.06	19.97	20.60
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	20.03	20.10	19.98	20.60

【FR1 n41_FCC_HPUE_Ant 1_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	20.79	20.90	20.71	21.20
100	PI/2 BPSK	1	137	20.66	20.87	20.63	21.20
100	PI/2 BPSK	1	271	20.78	20.65	20.78	21.20
100	PI/2 BPSK	135	0	20.61	20.85	20.90	21.20
100	PI/2 BPSK	135	69	20.65	20.84	20.77	21.20
100	PI/2 BPSK	135	138	20.85	20.60	20.82	21.20
100	PI/2 BPSK	270	0	20.62	20.75	20.69	21.20
100	QPSK	1	1	20.75	20.90	20.60	21.20
100	QPSK	1	137	20.68	20.87	20.60	21.20
100	QPSK	1	271	20.75	20.67	20.71	21.20
100	QPSK	135	0	20.63	20.85	20.62	21.20
100	QPSK	135	69	20.60	20.84	20.63	21.20
100	QPSK	135	138	20.85	20.63	20.79	21.20
100	QPSK	270	0	20.73	20.76	20.69	21.20
100	16QAM	1	1	20.66	20.87	20.61	21.20
100	64QAM	1	1	20.79	20.82	20.73	21.20
100	256QAM	1	1	20.79	20.90	20.68	21.20
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	20.65	20.89	20.69	21.20
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.75	20.89	20.69	21.20
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	20.72	20.90	20.64	21.20
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.77	20.88	20.65	21.20
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	20.73	20.90	20.65	21.20
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.75	20.90	20.70	21.20
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.74	20.89	20.70	21.20
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	20.69	20.86	20.66	21.20
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.75	20.87	20.69	21.20
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	20.77	20.89	20.67	21.20
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	20.69	20.82	20.63	21.20

【FR1 n41_FCC_HPUE_Ant 1_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
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Channel				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.23	23.37	23.32	24.00
100	PI/2 BPSK	1	137	23.08	23.35	23.20	24.00
100	PI/2 BPSK	1	271	23.04	23.24	23.07	24.00
100	PI/2 BPSK	135	0	23.20	23.38	23.22	24.00
100	PI/2 BPSK	135	69	23.09	23.37	23.18	24.00
100	PI/2 BPSK	135	138	22.95	23.19	23.04	24.00
100	PI/2 BPSK	270	0	23.04	23.19	23.01	24.00
100	QPSK	1	1	23.14	23.30	23.21	24.00
100	QPSK	1	137	23.09	23.33	23.19	24.00
100	QPSK	1	271	23.05	23.25	23.09	24.00
100	QPSK	135	0	23.15	23.36	23.20	24.00
100	QPSK	135	69	23.03	23.31	23.22	24.00
100	QPSK	135	138	22.95	23.12	23.06	24.00
100	QPSK	270	0	23.00	23.19	23.08	24.00
100	16QAM	1	1	22.99	23.26	23.18	24.00
100	64QAM	1	1	23.06	23.26	23.09	24.00
100	256QAM	1	1	21.75	21.77	21.70	22.40
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.21	23.29	23.20	24.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.20	23.27	23.17	24.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	23.14	23.30	23.28	24.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.08	23.33	23.24	24.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.17	23.25	23.29	24.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.13	23.26	23.26	24.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.13	23.32	23.30	24.00
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	23.22	23.32	23.21	24.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.09	23.30	23.25	24.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.21	23.32	23.30	24.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.16	23.34	23.23	24.00

【FR1 n41 FCC_HPUE_Ant 1 ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	20.79	20.90	20.71	21.20
100	PI/2 BPSK	1	137	20.66	20.87	20.63	21.20
100	PI/2 BPSK	1	271	20.78	20.65	20.78	21.20
100	PI/2 BPSK	135	0	20.61	20.85	20.90	21.20
100	PI/2 BPSK	135	69	20.65	20.84	20.77	21.20
100	PI/2 BPSK	135	138	20.85	20.60	20.82	21.20
100	PI/2 BPSK	270	0	20.62	20.75	20.69	21.20
100	QPSK	1	1	20.75	20.90	20.60	21.20
100	QPSK	1	137	20.68	20.87	20.60	21.20
100	QPSK	1	271	20.75	20.67	20.71	21.20
100	QPSK	135	0	20.63	20.85	20.62	21.20
100	QPSK	135	69	20.60	20.84	20.63	21.20
100	QPSK	135	138	20.85	20.63	20.79	21.20
100	QPSK	270	0	20.73	20.76	20.69	21.20
100	16QAM	1	1	20.66	20.87	20.61	21.20
100	64QAM	1	1	20.79	20.82	20.73	21.20

100	256QAM	1	1	20.79	20.90	20.68	21.20
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	20.65	20.89	20.69	21.20
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	20.75	20.89	20.69	21.20
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	20.72	20.90	20.64	21.20
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	20.77	20.88	20.65	21.20
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	20.73	20.90	20.65	21.20
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	20.75	20.90	20.70	21.20
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	20.74	20.89	20.70	21.20
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	20.69	20.86	20.66	21.20
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	20.75	20.87	20.69	21.20
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	20.77	20.89	20.67	21.20
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	20.69	20.82	20.63	21.20

【FR1 n41 FCC_Ant 2_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.85	23.91	23.95	24.80
100	PI/2 BPSK	1	137	23.97	23.98	23.70	24.80
100	PI/2 BPSK	1	271	23.90	23.64	23.66	24.80
100	PI/2 BPSK	135	0	23.42	23.55	23.58	23.80
100	PI/2 BPSK	135	69	23.80	23.90	23.77	24.80
100	PI/2 BPSK	135	138	23.45	23.43	23.45	23.80
100	PI/2 BPSK	270	0	23.44	23.61	23.49	23.80
100	QPSK	1	1	23.83	23.89	23.94	24.80
100	QPSK	1	137	23.97	23.99	23.71	24.80
100	QPSK	1	271	23.93	23.65	23.68	24.80
100	QPSK	135	0	22.91	23.08	23.10	24.00
100	QPSK	135	69	23.83	23.97	23.89	24.80
100	QPSK	135	138	22.98	22.95	22.89	24.00
100	QPSK	270	0	22.98	23.07	23.00	24.00
100	16QAM	1	1	23.26	23.22	23.36	24.00
100	64QAM	1	1	21.26	21.24	21.45	22.50
100	256QAM	1	1	19.18	19.22	19.26	20.50
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	23.83	23.88	23.90	24.80
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	23.77	23.86	23.89	24.80
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	23.81	23.80	23.93	24.80
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	23.72	23.77	23.84	24.80
Channel				504204	518598	532998	Tune-up limit

Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	23.73	23.80	23.86	24.80
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	23.79	23.78	23.91	24.80
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	23.72	23.89	23.89	24.80
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	23.78	23.84	23.86	24.80
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	23.78	23.81	23.81	24.80
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	23.78	23.85	23.93	24.80
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	23.71	23.79	23.89	24.80

【FR1 n41_FCC_Ant 2_ECI 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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	22.51	22.52	22.49	23.60
100	PI/2 BPSK	1	137	22.33	22.48	22.44	23.60
100	PI/2 BPSK	1	271	22.40	22.47	22.42	23.60
100	PI/2 BPSK	135	0	22.36	22.48	22.40	23.60
100	PI/2 BPSK	135	69	22.31	22.44	22.27	23.60
100	PI/2 BPSK	135	138	22.37	22.47	22.41	23.60
100	PI/2 BPSK	270	0	22.32	22.46	22.35	23.60
100	QPSK	1	1	22.36	22.50	22.41	23.60
100	QPSK	1	137	22.32	22.46	22.30	23.60
100	QPSK	1	271	22.32	22.47	22.40	23.60
100	QPSK	135	0	22.32	22.44	22.40	23.60
100	QPSK	135	69	22.42	22.46	22.34	23.60
100	QPSK	135	138	22.39	22.44	22.29	23.60
100	QPSK	270	0	22.27	22.41	22.28	23.60
100	16QAM	1	1	22.30	22.46	22.42	23.60
100	64QAM	1	1	21.61	21.64	21.55	22.50
100	256QAM	1	1	19.81	19.92	19.78	20.50
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	22.42	22.40	22.35	23.60
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	22.44	22.43	22.37	23.60
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	22.38	22.37	22.38	23.60
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	22.38	22.47	22.47	23.60
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	22.49	22.40	22.45	23.60
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	22.37	22.51	22.47	23.60
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	22.41	22.49	22.35	23.60
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	22.38	22.43	22.41	23.60
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	22.48	22.47	22.45	23.60
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	22.49	22.48	22.46	23.60
Channel				500202	518598	537000	Tune-up limit

Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	22.38	22.49	22.36	23.60

【FR1 n41 _ FCC_Ant 2 _ ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	16.61	16.74	16.77	17.20
100	PI/2 BPSK	1	137	16.72	16.63	16.75	17.20
100	PI/2 BPSK	1	271	16.61	16.62	16.87	17.20
100	PI/2 BPSK	135	0	16.61	16.67	16.71	17.20
100	PI/2 BPSK	135	69	16.61	16.62	16.68	17.20
100	PI/2 BPSK	135	138	16.60	16.63	16.70	17.20
100	PI/2 BPSK	270	0	16.65	16.70	16.77	17.20
100	QPSK	1	1	16.65	16.70	16.82	17.20
100	QPSK	1	137	16.88	16.98	16.99	17.20
100	QPSK	1	271	16.78	16.82	16.96	17.20
100	QPSK	135	0	16.68	16.73	16.83	17.20
100	QPSK	135	69	16.63	16.69	16.79	17.20
100	QPSK	135	138	16.63	16.62	16.76	17.20
100	QPSK	270	0	16.64	16.70	16.74	17.20
100	16QAM	1	1	16.75	16.75	16.88	17.20
100	64QAM	1	1	16.62	16.63	16.74	17.20
100	256QAM	1	1	16.60	16.67	16.70	17.20
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	16.60	16.61	16.66	17.20
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	16.61	16.61	16.72	17.20
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	16.60	16.61	16.66	17.20
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	16.62	16.61	16.66	17.20
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	16.61	16.60	16.71	17.20
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	16.61	16.60	16.66	17.20
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	16.61	16.60	16.69	17.20
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	16.62	16.61	16.73	17.20
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	16.60	16.61	16.70	17.20
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	16.60	16.60	16.67	17.20
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	16.62	16.60	16.65	17.20

【FR1 n41 _ FCC_Ant 2 _ ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	16.61	16.74	16.77	18.60
100	PI/2 BPSK	1	137	16.72	16.63	16.75	18.60
100	PI/2 BPSK	1	271	16.61	16.62	16.87	18.60
100	PI/2 BPSK	135	0	16.61	16.67	16.71	18.60
100	PI/2 BPSK	135	69	16.61	16.62	16.68	18.60
100	PI/2 BPSK	135	138	16.60	16.63	16.70	18.60

100	PI/2 BPSK	270	0	16.65	16.70	16.77	18.60
100	QPSK	1	1	16.65	16.70	16.82	18.60
100	QPSK	1	137	16.88	16.98	16.99	18.60
100	QPSK	1	271	16.78	16.82	16.96	18.60
100	QPSK	135	0	16.68	16.73	16.83	18.60
100	QPSK	135	69	16.63	16.69	16.79	18.60
100	QPSK	135	138	16.63	16.62	16.76	18.60
100	QPSK	270	0	16.64	16.70	16.74	18.60
100	16QAM	1	1	16.75	16.75	16.88	18.60
100	64QAM	1	1	16.62	16.63	16.74	18.60
100	256QAM	1	1	16.60	16.67	16.70	18.60
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	16.60	16.61	16.66	18.60
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	16.61	16.61	16.72	18.60
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	16.60	16.61	16.66	18.60
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	16.62	16.61	16.66	18.60
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	16.61	16.60	16.71	18.60
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	16.61	16.60	16.66	18.60
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	16.61	16.60	16.69	18.60
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	16.62	16.61	16.73	18.60
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	16.60	16.61	16.70	18.60
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	16.60	16.60	16.67	18.60
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	16.62	16.60	16.65	18.60

【FR1 n41 FCC_Ant 2_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	16.61	16.74	16.77	17.20
100	PI/2 BPSK	1	137	16.72	16.63	16.75	17.20
100	PI/2 BPSK	1	271	16.61	16.62	16.87	17.20
100	PI/2 BPSK	135	0	16.61	16.67	16.71	17.20
100	PI/2 BPSK	135	69	16.61	16.62	16.68	17.20
100	PI/2 BPSK	135	138	16.60	16.63	16.70	17.20
100	PI/2 BPSK	270	0	16.65	16.70	16.77	17.20
100	QPSK	1	1	16.65	16.70	16.82	17.20
100	QPSK	1	137	16.88	16.98	16.99	17.20
100	QPSK	1	271	16.78	16.82	16.96	17.20
100	QPSK	135	0	16.68	16.73	16.83	17.20
100	QPSK	135	69	16.63	16.69	16.79	17.20
100	QPSK	135	138	16.63	16.62	16.76	17.20
100	QPSK	270	0	16.64	16.70	16.74	17.20
100	16QAM	1	1	16.75	16.75	16.88	17.20
100	64QAM	1	1	16.62	16.63	16.74	17.20
100	256QAM	1	1	16.60	16.67	16.70	17.20
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	16.60	16.61	16.66	17.20
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	16.61	16.61	16.72	17.20
Channel				506202	518598	531000	Tune-up limit

	Frequency (MHz)			2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	16.60	16.61	16.66	17.20
	Channel			505200	518598	531996	Tune-up limit
	Frequency (MHz)			2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	16.62	16.61	16.66	17.20
	Channel			504204	518598	532998	Tune-up limit
	Frequency (MHz)			2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	16.61	16.60	16.71	17.20
	Channel			503202	518598	534000	Tune-up limit
	Frequency (MHz)			2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	16.61	16.60	16.66	17.20
	Channel			502200	518598	534996	Tune-up limit
	Frequency (MHz)			2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	16.61	16.60	16.69	17.20
	Channel			501702	518598	535500	Tune-up limit
	Frequency (MHz)			2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	16.62	16.61	16.73	17.20
	Channel			501204	518598	535998	Tune-up limit
	Frequency (MHz)			2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	16.60	16.61	16.70	17.20
	Channel			500700	518598	536496	Tune-up limit
	Frequency (MHz)			2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	16.60	16.60	16.67	17.20
	Channel			500202	518598	537000	Tune-up limit
	Frequency (MHz)			2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	16.62	16.60	16.65	17.20

【FR1 n41_FCC_HPUE_Ant 2_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel			509202	518598	528000	
	Frequency (MHz)			2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	25.79	25.77	25.91	26.90
100	PI/2 BPSK	1	137	25.84	25.90	25.72	26.90
100	PI/2 BPSK	1	271	25.88	25.59	25.77	26.90
100	PI/2 BPSK	135	0	24.84	24.96	24.93	25.90
100	PI/2 BPSK	135	69	25.84	25.95	25.83	26.90
100	PI/2 BPSK	135	138	24.84	24.82	24.78	25.90
100	PI/2 BPSK	270	0	24.79	24.93	24.80	25.90
100	QPSK	1	1	25.85	25.81	25.95	26.90
100	QPSK	1	137	25.89	25.90	25.76	26.90
100	QPSK	1	271	25.92	25.63	25.81	26.90
100	QPSK	135	0	24.84	24.97	24.95	25.90
100	QPSK	135	69	25.90	25.95	25.88	26.90
100	QPSK	135	138	24.87	24.85	24.82	25.90
100	QPSK	270	0	24.84	24.91	24.86	25.90
100	16QAM	1	1	24.76	24.79	24.85	25.90
100	64QAM	1	1	23.26	23.33	23.35	24.40
100	256QAM	1	1	21.43	21.46	21.52	22.40
	Channel			508200	518598	528996	Tune-up limit
	Frequency (MHz)			2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	25.66	25.63	25.83	26.90
	Channel			507204	518598	529998	Tune-up limit
	Frequency (MHz)			2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	25.74	25.67	25.82	26.90
	Channel			506202	518598	531000	Tune-up limit
	Frequency (MHz)			2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	25.76	25.69	25.76	26.90
	Channel			505200	518598	531996	Tune-up limit
	Frequency (MHz)			2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	25.71	25.67	25.90	26.90
	Channel			504204	518598	532998	Tune-up limit
	Frequency (MHz)			2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	25.71	25.75	25.90	26.90
	Channel			503202	518598	534000	Tune-up limit
	Frequency (MHz)			2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	25.72	25.69	25.85	26.90
	Channel			502200	518598	534996	Tune-up limit
	Frequency (MHz)			2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	25.74	25.75	25.82	26.90

Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	25.76	25.75	25.87	26.90
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	25.76	25.74	25.84	26.90
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	25.66	25.74	25.85	26.90
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	25.71	25.70	25.87	26.90

【FR1 n41 _FCC_HPUE_Ant 2_ECI 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				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	25.79	25.77	25.91	26.60
100	PI/2 BPSK	1	137	25.84	25.90	25.72	26.60
100	PI/2 BPSK	1	271	25.88	25.59	25.77	26.60
100	PI/2 BPSK	135	0	24.84	24.96	24.93	25.90
100	PI/2 BPSK	135	69	25.84	25.95	25.83	26.60
100	PI/2 BPSK	135	138	24.84	24.82	24.78	25.90
100	PI/2 BPSK	270	0	24.79	24.93	24.80	25.90
100	QPSK	1	1	25.85	25.81	25.95	26.60
100	QPSK	1	137	25.89	25.90	25.76	26.60
100	QPSK	1	271	25.92	25.63	25.81	26.60
100	QPSK	135	0	24.84	24.97	24.95	25.90
100	QPSK	135	69	25.90	25.95	25.88	26.60
100	QPSK	135	138	24.87	24.85	24.82	25.90
100	QPSK	270	0	24.84	24.91	24.86	25.90
100	16QAM	1	1	24.76	24.79	24.85	25.90
100	64QAM	1	1	23.26	23.33	23.35	24.40
100	256QAM	1	1	21.43	21.46	21.52	22.40
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	25.66	25.63	25.83	26.60
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	25.74	25.67	25.82	26.60
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	25.76	25.69	25.76	26.60
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	25.71	25.67	25.90	26.60
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	25.71	25.75	25.90	26.60
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	25.72	25.69	25.85	26.60
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	25.74	25.75	25.82	26.60
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	25.76	25.75	25.87	26.60
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	25.76	25.74	25.84	26.60
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	25.66	25.74	25.85	26.60
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	25.71	25.70	25.87	26.60

【FR1 n41 _FCC_HPUE_Ant 2_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit
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				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.	(dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	19.86	19.84	19.91	20.20
100	PI/2 BPSK	1	137	19.91	19.99	19.97	20.20
100	PI/2 BPSK	1	271	19.64	19.67	19.67	20.20
100	PI/2 BPSK	135	0	19.91	19.91	19.94	20.20
100	PI/2 BPSK	135	69	19.81	19.89	19.82	20.20
100	PI/2 BPSK	135	138	19.82	19.84	19.79	20.20
100	PI/2 BPSK	270	0	19.85	19.91	19.87	20.20
100	QPSK	1	1	19.83	19.88	19.82	20.20
100	QPSK	1	137	20.00	20.03	20.07	20.20
100	QPSK	1	271	19.61	19.71	19.68	20.20
100	QPSK	135	0	19.88	19.97	19.95	20.20
100	QPSK	135	69	19.88	19.95	19.99	20.20
100	QPSK	135	138	19.82	19.86	19.90	20.20
100	QPSK	270	0	19.83	19.92	19.91	20.20
100	16QAM	1	1	19.77	19.82	19.75	20.20
100	64QAM	1	1	19.79	19.79	19.81	20.20
100	256QAM	1	1	19.83	19.93	19.90	20.20
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	19.83	19.73	19.88	20.20
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	19.79	19.75	19.82	20.20
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	19.80	19.82	19.83	20.20
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	19.72	19.75	19.89	20.20
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	19.84	19.74	19.89	20.20
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	19.77	19.70	19.80	20.20
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	19.84	19.73	19.84	20.20
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	19.74	19.71	19.84	20.20
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	19.81	19.73	19.86	20.20
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	19.77	19.72	19.88	20.20
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	19.72	19.74	19.90	20.20

【FR1 n41 FCC_HPUE_Ant 2_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	19.86	19.84	19.91	21.60
100	PI/2 BPSK	1	137	19.91	19.99	19.97	21.60
100	PI/2 BPSK	1	271	19.64	19.67	19.67	21.60
100	PI/2 BPSK	135	0	19.91	19.91	19.94	21.60
100	PI/2 BPSK	135	69	19.81	19.89	19.82	21.60
100	PI/2 BPSK	135	138	19.82	19.84	19.79	21.60
100	PI/2 BPSK	270	0	19.85	19.91	19.87	21.60
100	QPSK	1	1	19.83	19.88	19.82	21.60
100	QPSK	1	137	20.00	20.03	20.07	21.60
100	QPSK	1	271	19.61	19.71	19.68	21.60
100	QPSK	135	0	19.88	19.97	19.95	21.60
100	QPSK	135	69	19.88	19.95	19.99	21.60
100	QPSK	135	138	19.82	19.86	19.90	21.60
100	QPSK	270	0	19.83	19.92	19.91	21.60

100	16QAM	1	1	19.77	19.82	19.75	21.60
100	64QAM	1	1	19.79	19.79	19.81	21.60
100	256QAM	1	1	19.83	19.93	19.90	21.60
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	19.83	19.73	19.88	21.60
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	19.79	19.75	19.82	21.60
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	19.80	19.82	19.83	21.60
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	19.72	19.75	19.89	21.60
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	19.84	19.74	19.89	21.60
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	19.77	19.70	19.80	21.60
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	19.84	19.73	19.84	21.60
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	19.74	19.71	19.84	21.60
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	19.81	19.73	19.86	21.60
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	19.77	19.72	19.88	21.60
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	19.72	19.74	19.90	21.60

【FR1 n41__FCC_HPUE_Ant 2_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	19.86	19.84	19.91	20.20
100	PI/2 BPSK	1	137	19.91	19.99	19.97	20.20
100	PI/2 BPSK	1	271	19.64	19.67	19.67	20.20
100	PI/2 BPSK	135	0	19.91	19.91	19.94	20.20
100	PI/2 BPSK	135	69	19.81	19.89	19.82	20.20
100	PI/2 BPSK	135	138	19.82	19.84	19.79	20.20
100	PI/2 BPSK	270	0	19.85	19.91	19.87	20.20
100	QPSK	1	1	19.83	19.88	19.82	20.20
100	QPSK	1	137	20.00	20.03	20.07	20.20
100	QPSK	1	271	19.61	19.71	19.68	20.20
100	QPSK	135	0	19.88	19.97	19.95	20.20
100	QPSK	135	69	19.88	19.95	19.99	20.20
100	QPSK	135	138	19.82	19.86	19.90	20.20
100	QPSK	270	0	19.83	19.92	19.91	20.20
100	16QAM	1	1	19.77	19.82	19.75	20.20
100	64QAM	1	1	19.79	19.79	19.81	20.20
100	256QAM	1	1	19.83	19.93	19.90	20.20
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	19.83	19.73	19.88	20.20
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	19.79	19.75	19.82	20.20
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	19.80	19.82	19.83	20.20
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	19.72	19.75	19.89	20.20
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	19.84	19.74	19.89	20.20

Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	19.77	19.70	19.80	20.20
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	19.84	19.73	19.84	20.20
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	19.74	19.71	19.84	20.20
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	19.81	19.73	19.86	20.20
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	19.77	19.72	19.88	20.20
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	19.72	19.74	19.90	20.20

【FR1 n41 FCC_Ant 5_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	16.98	16.94	16.98	17.50
100	PI/2 BPSK	1	137	16.84	16.93	16.87	17.50
100	PI/2 BPSK	1	271	16.81	16.88	16.86	17.50
100	PI/2 BPSK	135	0	16.83	16.84	16.75	17.50
100	PI/2 BPSK	135	69	16.73	16.75	16.67	17.50
100	PI/2 BPSK	135	138	16.57	16.66	16.59	17.50
100	PI/2 BPSK	270	0	16.75	16.76	16.65	17.50
100	QPSK	1	1	16.84	16.93	16.86	17.50
100	QPSK	1	137	16.94	16.92	16.82	17.50
100	QPSK	1	271	16.78	16.86	16.82	17.50
100	QPSK	135	0	16.74	16.85	16.79	17.50
100	QPSK	135	69	16.70	16.81	16.77	17.50
100	QPSK	135	138	16.54	16.64	16.64	17.50
100	QPSK	270	0	16.69	16.78	16.69	17.50
100	16QAM	1	1	16.90	16.88	16.82	17.50
100	64QAM	1	1	16.74	16.72	16.68	17.50
100	256QAM	1	1	16.68	16.70	16.62	17.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	16.97	16.81	16.87	17.50
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	16.89	16.86	16.94	17.50
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	16.85	16.83	16.91	17.50
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	16.91	16.89	16.93	17.50
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	16.90	16.81	16.83	17.50
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	16.90	16.87	16.89	17.50
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	16.96	16.87	16.88	17.50
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	16.91	16.87	16.90	17.50
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	16.87	16.87	16.90	17.50
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	

15	PI/2 BPSK	1	1	16.94	16.92	16.84	17.50
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	16.91	16.93	16.94	17.50

【FR1 n41 FCC_Ant 5_ECI 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				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	16.98	16.94	16.98	17.50
100	PI/2 BPSK	1	137	16.84	16.93	16.87	17.50
100	PI/2 BPSK	1	271	16.81	16.88	16.86	17.50
100	PI/2 BPSK	135	0	16.83	16.84	16.75	17.50
100	PI/2 BPSK	135	69	16.73	16.75	16.67	17.50
100	PI/2 BPSK	135	138	16.57	16.66	16.59	17.50
100	PI/2 BPSK	270	0	16.75	16.76	16.65	17.50
100	QPSK	1	1	16.84	16.93	16.86	17.50
100	QPSK	1	137	16.94	16.92	16.82	17.50
100	QPSK	1	271	16.78	16.86	16.82	17.50
100	QPSK	135	0	16.74	16.85	16.79	17.50
100	QPSK	135	69	16.70	16.81	16.77	17.50
100	QPSK	135	138	16.54	16.64	16.64	17.50
100	QPSK	270	0	16.69	16.78	16.69	17.50
100	16QAM	1	1	16.90	16.88	16.82	17.50
100	64QAM	1	1	16.74	16.72	16.68	17.50
100	256QAM	1	1	16.68	16.70	16.62	17.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	16.97	16.81	16.87	17.50
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	16.89	16.86	16.94	17.50
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	16.85	16.83	16.91	17.50
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	16.91	16.89	16.93	17.50
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	16.90	16.81	16.83	17.50
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	16.90	16.87	16.89	17.50
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	16.96	16.87	16.88	17.50
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	16.91	16.87	16.90	17.50
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	16.87	16.87	16.90	17.50
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	16.94	16.92	16.84	17.50
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	16.91	16.93	16.94	17.50

【FR1 n41 FCC_Ant 5_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	16.61	16.52	16.32	16.70
100	PI/2 BPSK	1	137	16.55	16.39	16.42	16.70
100	PI/2 BPSK	1	271	16.32	16.36	16.36	16.70
100	PI/2 BPSK	135	0	16.55	16.32	16.53	16.70

100	PI/2 BPSK	135	69	16.45	16.22	16.25	16.70
100	PI/2 BPSK	135	138	16.42	16.11	16.41	16.70
100	PI/2 BPSK	270	0	16.58	16.23	16.39	16.70
100	QPSK	1	1	16.62	16.51	16.31	16.70
100	QPSK	1	137	16.56	16.39	16.42	16.70
100	QPSK	1	271	16.34	16.37	16.35	16.70
100	QPSK	135	0	16.61	16.34	16.54	16.70
100	QPSK	135	69	16.48	16.28	16.28	16.70
100	QPSK	135	138	16.48	16.10	16.40	16.70
100	QPSK	270	0	16.58	16.26	16.39	16.70
100	16QAM	1	1	16.68	16.63	16.68	16.70
100	64QAM	1	1	16.53	16.45	16.52	16.70
100	256QAM	1	1	16.70	16.69	16.70	16.70
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	16.59	16.49	16.17	16.70
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	16.50	16.47	16.18	16.70
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	16.55	16.43	16.20	16.70
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	16.55	16.47	16.21	16.70
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	16.54	16.50	16.18	16.70
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	16.53	16.42	16.23	16.70
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	16.58	16.50	16.21	16.70
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	16.50	16.37	16.31	16.70
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	16.57	16.50	16.21	16.70
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	16.49	16.50	16.22	16.70
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	16.48	16.43	16.25	16.70

【FR1 n41_FCC_Ant 5_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	18.69	18.57	18.37	19.30
100	PI/2 BPSK	1	137	18.66	18.49	18.57	19.30
100	PI/2 BPSK	1	271	18.38	18.50	18.51	19.30
100	PI/2 BPSK	135	0	18.69	18.39	18.61	19.30
100	PI/2 BPSK	135	69	18.51	18.28	18.34	19.30
100	PI/2 BPSK	135	138	18.55	18.18	18.46	19.30
100	PI/2 BPSK	270	0	18.64	18.36	18.46	19.30
100	QPSK	1	1	18.69	18.56	18.41	19.30
100	QPSK	1	137	18.65	18.44	18.48	19.30
100	QPSK	1	271	18.49	18.44	18.45	19.30
100	QPSK	135	0	18.76	18.45	18.66	19.30
100	QPSK	135	69	18.53	18.41	18.34	19.30
100	QPSK	135	138	18.63	18.22	18.46	19.30
100	QPSK	270	0	18.66	18.34	18.48	19.30
100	16QAM	1	1	18.78	18.77	18.77	19.30
100	64QAM	1	1	18.59	18.50	18.58	19.30
100	256QAM	1	1	18.82	18.79	18.77	19.30
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	18.60	18.49	18.35	19.30
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	

80	PI/2 BPSK	1	1	18.63	18.51	18.34	19.30
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	18.68	18.55	18.25	19.30
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	18.66	18.48	18.29	19.30
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	18.54	18.46	18.23	19.30
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	18.63	18.55	18.26	19.30
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	18.59	18.44	18.31	19.30
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	18.62	18.44	18.34	19.30
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	18.68	18.51	18.25	19.30
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	18.58	18.43	18.24	19.30
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	18.64	18.56	18.32	19.30

【FR1 n41_FCC_Ant 5_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	Tune-up limit
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	16.61	16.52	16.32	16.70
100	PI/2 BPSK	1	137	16.55	16.39	16.42	16.70
100	PI/2 BPSK	1	271	16.32	16.36	16.36	16.70
100	PI/2 BPSK	135	0	16.55	16.32	16.53	16.70
100	PI/2 BPSK	135	69	16.45	16.22	16.25	16.70
100	PI/2 BPSK	135	138	16.42	16.11	16.41	16.70
100	PI/2 BPSK	270	0	16.58	16.23	16.39	16.70
100	QPSK	1	1	16.62	16.51	16.31	16.70
100	QPSK	1	137	16.56	16.39	16.42	16.70
100	QPSK	1	271	16.34	16.37	16.35	16.70
100	QPSK	135	0	16.61	16.34	16.54	16.70
100	QPSK	135	69	16.48	16.28	16.28	16.70
100	QPSK	135	138	16.48	16.10	16.40	16.70
100	QPSK	270	0	16.58	16.26	16.39	16.70
100	16QAM	1	1	16.68	16.63	16.68	16.70
100	64QAM	1	1	16.53	16.45	16.52	16.70
100	256QAM	1	1	16.70	16.69	16.70	16.70
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	16.59	16.49	16.17	16.70
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	16.50	16.47	16.18	16.70
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	16.55	16.43	16.20	16.70
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	16.55	16.47	16.21	16.70
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	16.54	16.50	16.18	16.70
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	16.53	16.42	16.23	16.70
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	16.58	16.50	16.21	16.70
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)

25	PI/2 BPSK	1	1	16.50	16.37	16.31	16.70
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	16.70
20	PI/2 BPSK	1	1	16.57	16.50	16.21	16.70
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	16.70
15	PI/2 BPSK	1	1	16.49	16.50	16.22	16.70
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	16.70
10	PI/2 BPSK	1	1	16.48	16.43	16.25	16.70

【FR1 n41 FCC_HPUE_Ant 5_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	20.42	20.44	20.43	20.50
100	PI/2 BPSK	1	137	20.32	20.44	20.38	20.50
100	PI/2 BPSK	1	271	20.16	20.30	20.26	20.50
100	PI/2 BPSK	135	0	20.34	20.45	20.37	20.50
100	PI/2 BPSK	135	69	20.31	20.38	20.31	20.50
100	PI/2 BPSK	135	138	20.14	20.22	20.14	20.50
100	PI/2 BPSK	270	0	20.20	20.24	20.21	20.50
100	QPSK	1	1	20.40	20.44	20.33	20.50
100	QPSK	1	137	20.39	20.43	20.31	20.50
100	QPSK	1	271	20.17	20.33	20.19	20.50
100	QPSK	135	0	20.28	20.42	20.35	20.50
100	QPSK	135	69	20.26	20.41	20.29	20.50
100	QPSK	135	138	20.18	20.24	20.14	20.50
100	QPSK	270	0	20.27	20.33	20.21	20.50
100	16QAM	1	1	20.31	20.37	20.33	20.50
100	64QAM	1	1	20.16	20.32	20.21	20.50
100	256QAM	1	1	20.24	20.39	20.26	20.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	20.40	20.43	20.30	20.50
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.29	20.37	20.34	20.50
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	20.40	20.32	20.30	20.50
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.40	20.30	20.41	20.50
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	20.38	20.30	20.41	20.50
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.28	20.30	20.31	20.50
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.29	20.33	20.30	20.50
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	20.36	20.33	20.31	20.50
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.29	20.34	20.40	20.50
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	20.30	20.40	20.30	20.50
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	20.38	20.33	20.28	20.50

【FR1 n41_FCC_HPUE_Ant 5_ECI 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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	20.42	20.44	20.43	20.50
100	PI/2 BPSK	1	137	20.32	20.44	20.38	20.50
100	PI/2 BPSK	1	271	20.16	20.30	20.26	20.50
100	PI/2 BPSK	135	0	20.34	20.45	20.37	20.50
100	PI/2 BPSK	135	69	20.31	20.38	20.31	20.50
100	PI/2 BPSK	135	138	20.14	20.22	20.14	20.50
100	PI/2 BPSK	270	0	20.20	20.24	20.21	20.50
100	QPSK	1	1	20.40	20.44	20.33	20.50
100	QPSK	1	137	20.39	20.43	20.31	20.50
100	QPSK	1	271	20.17	20.33	20.19	20.50
100	QPSK	135	0	20.28	20.42	20.35	20.50
100	QPSK	135	69	20.26	20.41	20.29	20.50
100	QPSK	135	138	20.18	20.24	20.14	20.50
100	QPSK	270	0	20.27	20.33	20.21	20.50
100	16QAM	1	1	20.31	20.37	20.33	20.50
100	64QAM	1	1	20.16	20.32	20.21	20.50
100	256QAM	1	1	20.24	20.39	20.26	20.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	20.40	20.43	20.30	20.50
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.29	20.37	20.34	20.50
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	20.40	20.32	20.30	20.50
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.40	20.30	20.41	20.50
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	20.38	20.30	20.41	20.50
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.28	20.30	20.31	20.50
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.29	20.33	20.30	20.50
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	20.36	20.33	20.31	20.50
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.29	20.34	20.40	20.50
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	20.30	20.40	20.30	20.50
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	20.38	20.33	20.28	20.50

【FR1 n41_FCC_HPUE_Ant 5_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	19.59	19.55	19.39	19.70
100	PI/2 BPSK	1	137	19.33	19.43	19.23	19.70
100	PI/2 BPSK	1	271	19.24	19.33	19.11	19.70
100	PI/2 BPSK	135	0	19.37	19.47	19.26	19.70
100	PI/2 BPSK	135	69	19.36	19.37	19.17	19.70
100	PI/2 BPSK	135	138	19.17	19.17	19.10	19.70
100	PI/2 BPSK	270	0	19.19	19.24	19.10	19.70
100	QPSK	1	1	19.49	19.59	19.33	19.70
100	QPSK	1	137	19.43	19.47	19.25	19.70
100	QPSK	1	271	19.33	19.36	19.19	19.70
100	QPSK	135	0	19.47	19.50	19.24	19.70
100	QPSK	135	69	19.34	19.44	19.26	19.70

100	QPSK	135	138	19.12	19.19	19.10	19.70
100	QPSK	270	0	19.24	19.33	19.15	19.70
100	16QAM	1	1	19.40	19.46	19.18	19.70
100	64QAM	1	1	19.44	19.46	19.23	19.70
100	256QAM	1	1	19.48	19.54	19.32	19.70
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	19.52	19.42	19.30	19.70
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	19.47	19.46	19.31	19.70
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	19.51	19.45	19.31	19.70
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	19.47	19.44	19.31	19.70
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	19.55	19.49	19.33	19.70
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	19.45	19.49	19.34	19.70
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	19.58	19.50	19.32	19.70
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	19.49	19.51	19.30	19.70
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	19.55	19.42	19.36	19.70
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	19.45	19.44	19.27	19.70
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	19.54	19.51	19.33	19.70

【FR1 n41 _ FCC_HPUE_Ant 5 _ ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	21.53	21.54	21.45	22.30
100	PI/2 BPSK	1	137	21.37	21.49	21.20	22.30
100	PI/2 BPSK	1	271	21.22	21.28	21.08	22.30
100	PI/2 BPSK	135	0	21.31	21.51	21.26	22.30
100	PI/2 BPSK	135	69	21.28	21.43	21.12	22.30
100	PI/2 BPSK	135	138	21.20	21.23	21.15	22.30
100	PI/2 BPSK	270	0	21.16	21.16	21.13	22.30
100	QPSK	1	1	21.49	21.60	21.34	22.30
100	QPSK	1	137	21.40	21.41	21.22	22.30
100	QPSK	1	271	21.37	21.30	21.15	22.30
100	QPSK	135	0	21.39	21.53	21.29	22.30
100	QPSK	135	69	21.26	21.45	21.19	22.30
100	QPSK	135	138	21.06	21.14	21.10	22.30
100	QPSK	270	0	21.20	21.34	21.19	22.30
100	16QAM	1	1	21.34	21.52	21.23	22.30
100	64QAM	1	1	21.49	21.40	21.23	22.30
100	256QAM	1	1	21.42	21.54	21.31	22.30
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	21.42	21.43	21.31	22.30
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	21.50	21.50	21.37	22.30
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	21.45	21.46	21.43	22.30
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	21.44	21.45	21.39	22.30
Channel				504204	518598	532998	Tune-up limit

Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	21.42	21.41	21.34	22.30
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	21.52	21.50	21.32	22.30
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	21.45	21.41	21.32	22.30
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	21.48	21.48	21.43	22.30
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	21.47	21.47	21.43	22.30
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	21.50	21.51	21.40	22.30
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	21.40	21.39	21.36	22.30

【FR1 n41_FCC_HPUE_Ant 5_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	19.59	19.55	19.39	19.70
100	PI/2 BPSK	1	137	19.33	19.43	19.23	19.70
100	PI/2 BPSK	1	271	19.24	19.33	19.11	19.70
100	PI/2 BPSK	135	0	19.37	19.47	19.26	19.70
100	PI/2 BPSK	135	69	19.36	19.37	19.17	19.70
100	PI/2 BPSK	135	138	19.17	19.17	19.10	19.70
100	PI/2 BPSK	270	0	19.19	19.24	19.10	19.70
100	QPSK	1	1	19.49	19.59	19.33	19.70
100	QPSK	1	137	19.43	19.47	19.25	19.70
100	QPSK	1	271	19.33	19.36	19.19	19.70
100	QPSK	135	0	19.47	19.50	19.24	19.70
100	QPSK	135	69	19.34	19.44	19.26	19.70
100	QPSK	135	138	19.12	19.19	19.10	19.70
100	QPSK	270	0	19.24	19.33	19.15	19.70
100	16QAM	1	1	19.40	19.46	19.18	19.70
100	64QAM	1	1	19.44	19.46	19.23	19.70
100	256QAM	1	1	19.48	19.54	19.32	19.70
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	19.52	19.42	19.30	19.70
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	19.47	19.46	19.31	19.70
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	19.51	19.45	19.31	19.70
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	19.47	19.44	19.31	19.70
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	19.55	19.49	19.33	19.70
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	19.45	19.49	19.34	19.70
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	19.58	19.50	19.32	19.70
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	19.49	19.51	19.30	19.70
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	19.55	19.42	19.36	19.70
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	19.45	19.44	19.27	19.70
Channel				500202	518598	537000	Tune-up limit

Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	19.54	19.51	19.33	19.70

<FR1 n48_Ant 6_ECI 2 / 3>							Tune-up Limit		
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.
Sub carrier spacing		Channel		638000	641666	645332	638000	641666	645332
30k	Hz	Frequency (MHz)		3570	3624.99	3679.98	3570	3624.99	3679.98
40	PI/2 BPSK	1	1	12.34	17.10	12.20	12.50	17.50	12.50
40	PI/2 BPSK	1	104	12.27	17.11	12.23	12.50	17.50	12.50
40	PI/2 BPSK	50	25	12.55	21.06	12.28	13.00	22.00	12.50
40	PI/2 BPSK	1	0	12.20	16.87	12.21	12.50	17.00	12.50
40	PI/2 BPSK	1	105	12.36	17.16	12.19	12.50	17.50	12.50
40	PI/2 BPSK	100	0	12.39	20.61	12.23	12.50	21.00	12.50
40	QPSK	1	1	13.42	17.06	13.16	13.50	17.50	13.50
40	QPSK	1	104	13.41	17.10	13.34	13.50	17.50	13.50
40	QPSK	50	25	13.45	21.10	13.30	13.50	22.00	13.50
40	QPSK	1	0	13.29	17.13	13.18	13.50	17.50	13.50
40	QPSK	1	105	13.41	17.06	13.30	13.50	17.50	13.50
40	QPSK	100	0	13.39	20.08	13.36	13.50	20.50	13.50
40	16QAM	1	1	12.76	17.16	12.75	13.00	17.50	13.00
40	64QAM	1	1	12.93	16.96	12.73	13.00	17.00	13.00
40	256QAM	1	1	12.62	16.36	12.43	13.00	16.50	12.50
Sub carrier spacing		Channel		637668	641666	645666	637668	641666	645666
30k	Hz	Frequency (MHz)		3565.02	3624.99	3684.99	3565.02	3624.99	3684.99
30	PI/2 BPSK	1	1	12.26	17.10	12.30	12.50	17.50	12.50
30	PI/2 BPSK	1	76	12.28	17.10	12.39	12.50	17.50	12.50
30	PI/2 BPSK	36	18	12.30	21.03	21.03	12.50	22.00	22.00
30	PI/2 BPSK	1	0	12.28	17.14	12.23	12.50	17.50	12.50
30	PI/2 BPSK	1	77	12.21	17.09	12.48	12.50	17.50	12.50
30	PI/2 BPSK	75	0	12.42	17.08	12.39	12.50	17.50	12.50
30	QPSK	1	1	13.34	17.08	13.33	13.50	17.50	13.50
30	QPSK	1	76	13.38	17.12	13.47	13.50	17.50	13.50
30	QPSK	36	18	13.35	21.04	21.04	13.50	22.00	22.00
30	QPSK	1	0	13.38	17.09	13.31	13.50	17.50	13.50
30	QPSK	1	77	13.25	17.14	13.40	13.50	17.50	13.50
30	QPSK	75	0	13.38	17.07	13.40	13.50	17.50	13.50
30	16QAM	1	1	12.86	17.18	13.08	13.00	17.50	13.50
30	64QAM	1	1	12.87	17.17	12.91	13.00	17.50	13.00
30	256QAM	1	1	12.64	16.29	12.56	13.00	16.50	13.00
Sub carrier spacing		Channel		637334	641666	646000	637334	641666	646000
30k	Hz	Frequency (MHz)		3560.01	3624.99	3690	3560.01	3624.99	3690
20	PI/2 BPSK	1	1	16.98	20.92	20.95	17.00	21.00	21.00
20	PI/2 BPSK	1	49	21.11	21.06	16.91	22.00	22.00	17.00
20	PI/2 BPSK	25	12	21.07	20.99	20.96	22.00	21.00	21.00
20	PI/2 BPSK	1	0	17.05	20.43	20.39	17.50	20.50	20.50
20	PI/2 BPSK	1	50	20.59	20.57	16.90	21.00	21.00	17.00
20	PI/2 BPSK	50	0	17.15	20.47	16.95	17.50	20.50	17.00
20	QPSK	1	1	17.07	21.05	21.05	17.50	22.00	22.00
20	QPSK	1	49	21.17	21.12	17.00	22.00	22.00	17.00
20	QPSK	25	12	21.05	20.97	20.97	22.00	21.00	21.00
20	QPSK	1	0	17.13	20.06	20.02	17.50	20.50	20.50

20	QPSK	1	50	20.13	20.02	17.06	20.50	20.50	17.50
20	QPSK	50	0	17.11	20.01	17.02	17.50	20.50	17.50
20	16QAM	1	1	16.11	20.05	20.01	16.50	20.50	20.50
20	64QAM	1	1	16.14	18.58	18.49	16.50	19.00	18.50
20	256QAM	1	1	16.29	16.28	16.32	16.50	16.50	16.50
Sub carrier spacing		Channel		637168	641666	646166	637168	641666	646166
30k	Hz	Frequency (MHz)		3557.52	3624.99	3692.49	3557.52	3624.99	3692.49
15	PI/2 BPSK	1	1	16.97	20.96	20.94	17.00	21.00	21.00
15	PI/2 BPSK	1	36	21.05	21.08	17.01	22.00	22.00	17.50
15	PI/2 BPSK	18	9	20.86	20.82	20.82	21.00	21.00	21.00
15	PI/2 BPSK	1	0	16.98	20.50	20.41	17.00	20.50	20.50
15	PI/2 BPSK	1	37	20.62	20.56	17.03	21.00	21.00	17.50
15	PI/2 BPSK	36	0	16.96	20.52	17.00	17.00	21.00	17.00
15	QPSK	1	1	17.04	21.13	20.99	17.50	22.00	21.00
15	QPSK	1	36	21.10	21.10	17.01	22.00	22.00	17.50
15	QPSK	18	9	20.98	20.95	20.93	21.00	21.00	21.00
15	QPSK	1	0	16.99	20.10	20.02	17.00	20.50	20.50
15	QPSK	1	37	20.18	20.10	17.12	20.50	20.50	17.50
15	QPSK	36	0	17.09	20.08	16.93	17.50	20.50	17.00
15	16QAM	1	1	16.14	20.00	19.98	16.50	20.00	20.00
15	64QAM	1	1	16.09	18.65	18.64	16.50	19.00	19.00
15	256QAM	1	1	16.33	16.26	16.33	16.50	16.50	16.50
Sub carrier spacing		Channel		637000	641666	646332	637000	641666	646332
30k	Hz	Frequency (MHz)		3555	3624.99	3694.98	3555	3624.99	3694.98
10	PI/2 BPSK	1	1	20.92	20.94	20.96	21.00	21.00	21.00
10	PI/2 BPSK	1	22	21.02	21.03	20.96	22.00	22.00	21.00
10	PI/2 BPSK	12	6	20.87	20.88	20.93	21.00	21.00	21.00
10	PI/2 BPSK	1	0	20.37	20.48	20.53	20.50	20.50	21.00
10	PI/2 BPSK	1	23	20.54	20.48	20.47	21.00	20.50	20.50
10	PI/2 BPSK	24	0	20.49	20.47	20.49	20.50	20.50	20.50
10	QPSK	1	1	20.97	21.00	21.03	21.00	21.00	22.00
10	QPSK	1	22	21.09	21.09	21.04	22.00	22.00	22.00
10	QPSK	12	6	20.95	20.96	21.01	21.00	21.00	22.00
10	QPSK	1	0	19.97	20.02	20.08	20.00	20.50	20.50
10	QPSK	1	23	20.09	20.14	20.05	20.50	20.50	20.50
10	QPSK	24	0	20.00	20.00	20.04	20.00	20.00	20.50
10	16QAM	1	1	20.01	20.00	20.08	20.50	20.00	20.50
10	64QAM	1	1	18.52	18.64	18.57	19.00	19.00	19.00
10	256QAM	1	1	16.30	16.32	16.31	16.50	16.50	16.50

<FR1 n48_Ant 6_ECI 4>							Tune-up Limit		
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.
Sub carrier spacing		Channel		638000	641666	645332	638000	641666	645332
30k	Hz	Frequency (MHz)		3570	3624.99	3679.98	3570	3624.99	3679.98
40	PI/2 BPSK	1	1	12.34	16.60	12.20	12.50	17.50	12.50
40	PI/2 BPSK	1	104	12.27	16.61	12.23	12.50	17.50	12.50
40	PI/2 BPSK	50	25	12.55	16.61	12.28	13.00	17.60	12.50
40	PI/2 BPSK	1	0	12.20	16.37	12.21	12.50	17.00	12.50
40	PI/2 BPSK	1	105	12.36	16.66	12.19	12.50	17.50	12.50
40	PI/2 BPSK	100	0	12.39	16.62	12.23	12.50	17.60	12.50
40	QPSK	1	1	13.42	16.56	13.16	13.50	17.50	13.50
40	QPSK	1	104	13.41	16.60	13.34	13.50	17.50	13.50
40	QPSK	50	25	13.45	16.60	13.30	13.50	17.60	13.50



FCC SAR TEST REPORT

Report No. : FA5N0803-01C

40	QPSK	1	0	13.29	16.63	13.18	13.50	17.50	13.50
40	QPSK	1	105	13.41	16.56	13.30	13.50	17.50	13.50
40	QPSK	100	0	13.39	16.63	13.36	13.50	17.60	13.50
40	16QAM	1	1	12.76	16.66	12.75	13.00	17.50	13.00
40	64QAM	1	1	12.93	16.46	12.73	13.00	17.00	13.00
40	256QAM	1	1	12.62	16.36	12.43	13.00	16.50	12.50
Sub carrier spacing		Channel		637668	641666	645666	637668	641666	645666
30k	Hz	Frequency (MHz)		3565.02	3624.99	3684.99	3565.02	3624.99	3684.99
30	PI/2 BPSK	1	1	12.26	16.60	12.30	12.50	17.50	12.50
30	PI/2 BPSK	1	76	12.28	16.60	12.39	12.50	17.50	12.50
30	PI/2 BPSK	36	18	12.30	16.54	16.59	12.50	17.60	17.60
30	PI/2 BPSK	1	0	12.28	16.64	12.23	12.50	17.50	12.50
30	PI/2 BPSK	1	77	12.21	16.59	12.48	12.50	17.50	12.50
30	PI/2 BPSK	75	0	12.42	16.58	12.39	12.50	17.50	12.50
30	QPSK	1	1	13.34	16.58	13.33	13.50	17.50	13.50
30	QPSK	1	76	13.38	16.62	13.47	13.50	17.50	13.50
30	QPSK	36	18	13.35	16.56	16.63	13.50	17.60	17.60
30	QPSK	1	0	13.38	16.59	13.31	13.50	17.50	13.50
30	QPSK	1	77	13.25	16.64	13.40	13.50	17.50	13.50
30	QPSK	75	0	13.38	16.57	13.40	13.50	17.50	13.50
30	16QAM	1	1	12.86	16.68	13.08	13.00	17.50	13.50
30	64QAM	1	1	12.87	16.67	12.91	13.00	17.50	13.00
30	256QAM	1	1	12.64	16.29	12.56	13.00	16.50	13.00
Sub carrier spacing		Channel		637334	641666	646000	637334	641666	646000
30k	Hz	Frequency (MHz)		3560.01	3624.99	3690	3560.01	3624.99	3690
20	PI/2 BPSK	1	1	16.48	16.54	16.10	17.00	17.60	17.60
20	PI/2 BPSK	1	49	16.64	16.58	16.41	17.60	17.60	17.00
20	PI/2 BPSK	25	12	16.66	16.52	16.56	17.60	17.60	17.60
20	PI/2 BPSK	1	0	16.55	16.56	16.04	17.50	17.60	17.60
20	PI/2 BPSK	1	50	16.58	16.50	16.40	17.60	17.60	17.00
20	PI/2 BPSK	50	0	16.65	16.53	16.45	17.50	17.60	17.00
20	QPSK	1	1	16.57	16.51	16.52	17.50	17.60	17.60
20	QPSK	1	49	16.48	16.55	16.50	17.60	17.60	17.00
20	QPSK	25	12	16.51	16.57	16.51	17.60	17.60	17.60
20	QPSK	1	0	16.63	16.57	16.55	17.50	17.60	17.60
20	QPSK	1	50	16.50	16.55	16.56	17.60	17.60	17.50
20	QPSK	50	0	16.61	16.55	16.52	17.50	17.60	17.50
20	16QAM	1	1	16.11	16.51	16.48	16.50	17.60	17.60
20	64QAM	1	1	16.14	16.58	16.55	16.50	17.60	17.60
20	256QAM	1	1	16.29	16.28	16.32	16.50	16.50	16.50
Sub carrier spacing		Channel		637168	641666	646166	637168	641666	646166
30k	Hz	Frequency (MHz)		3557.52	3624.99	3692.49	3557.52	3624.99	3692.49
15	PI/2 BPSK	1	1	16.47	16.49	16.48	17.00	17.60	17.60
15	PI/2 BPSK	1	36	16.51	16.53	16.51	17.60	17.60	17.50
15	PI/2 BPSK	18	9	16.50	16.51	16.50	17.60	17.60	17.60
15	PI/2 BPSK	1	0	16.48	16.53	16.53	17.00	17.60	17.60
15	PI/2 BPSK	1	37	16.56	16.54	16.53	17.60	17.60	17.50
15	PI/2 BPSK	36	0	16.46	16.62	16.50	17.00	17.60	17.00
15	QPSK	1	1	16.54	16.59	16.57	17.50	17.60	17.60
15	QPSK	1	36	16.62	16.52	16.51	17.60	17.60	17.50
15	QPSK	18	9	16.66	16.59	16.55	17.60	17.60	17.60
15	QPSK	1	0	16.49	16.51	16.63	17.00	17.60	17.60
15	QPSK	1	37	16.53	16.60	16.62	17.60	17.60	17.50
15	QPSK	36	0	16.59	16.51	16.43	17.50	17.60	17.00
15	16QAM	1	1	16.14	16.53	16.55	16.50	17.60	17.60
15	64QAM	1	1	16.09	16.56	16.55	16.50	17.60	17.60

15	256QAM	1	1	16.33	16.26	16.33	16.50	16.50	16.50
Sub carrier spacing		Channel		637000	641666	646332	637000	641666	646332
30k	Hz	Frequency (MHz)		3555	3624.99	3694.98	3555	3624.99	3694.98
10	PI/2 BPSK	1	1	16.47	16.52	16.55	17.60	17.60	17.60
10	PI/2 BPSK	1	22	16.50	16.50	16.50	17.60	17.60	17.60
10	PI/2 BPSK	12	6	16.51	16.60	16.52	17.60	17.60	17.60
10	PI/2 BPSK	1	0	16.56	16.57	16.61	17.60	17.60	17.60
10	PI/2 BPSK	1	23	16.56	16.48	16.47	17.60	17.60	17.60
10	PI/2 BPSK	24	0	16.59	16.56	16.54	17.60	17.60	17.60
10	QPSK	1	1	16.63	16.58	16.63	17.60	17.60	17.60
10	QPSK	1	22	16.54	16.49	16.51	17.60	17.60	17.60
10	QPSK	12	6	16.58	16.59	16.55	17.60	17.60	17.60
10	QPSK	1	0	16.57	16.54	16.57	17.60	17.60	17.60
10	QPSK	1	23	16.62	16.53	16.54	17.60	17.60	17.60
10	QPSK	24	0	16.48	16.48	16.51	17.60	17.60	17.60
10	16QAM	1	1	16.63	16.56	16.60	17.60	17.60	17.60
10	64QAM	1	1	16.56	16.65	16.63	17.60	17.60	17.60
10	256QAM	1	1	16.30	16.32	16.31	16.50	16.50	16.50

<FR1 n48_Ant 6_ECI 5 / 6>							Tune-up Limit		
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.
Sub carrier spacing		Channel		638000	641666	645332	638000	641666	645332
30k	Hz	Frequency (MHz)		3570	3624.99	3679.98	3570	3624.99	3679.98
40	PI/2 BPSK	1	1	12.34	14.10	12.20	12.50	15.30	12.50
40	PI/2 BPSK	1	104	12.27	14.06	12.23	12.50	15.30	12.50
40	PI/2 BPSK	50	25	12.55	14.12	12.28	13.00	15.30	12.50
40	PI/2 BPSK	1	0	12.20	14.10	12.21	12.50	15.30	12.50
40	PI/2 BPSK	1	105	12.36	14.11	12.19	12.50	15.30	12.50
40	PI/2 BPSK	100	0	12.39	14.07	12.23	12.50	15.30	12.50
40	QPSK	1	1	13.42	14.09	13.16	13.50	15.30	13.50
40	QPSK	1	104	13.41	14.09	13.34	13.50	15.30	13.50
40	QPSK	50	25	13.45	14.08	13.30	13.50	15.30	13.50
40	QPSK	1	0	13.29	14.09	13.18	13.50	15.30	13.50
40	QPSK	1	105	13.41	14.02	13.30	13.50	15.30	13.50
40	QPSK	100	0	13.39	14.10	13.36	13.50	15.30	13.50
40	16QAM	1	1	12.76	14.01	12.75	13.00	15.30	13.00
40	64QAM	1	1	12.93	14.08	12.73	13.00	15.30	13.00
40	256QAM	1	1	12.62	14.03	12.43	13.00	15.30	12.50
Sub carrier spacing		Channel		637668	641666	645666	637668	641666	645666
30k	Hz	Frequency (MHz)		3565.02	3624.99	3684.99	3565.02	3624.99	3684.99
30	PI/2 BPSK	1	1	12.26	14.09	12.30	12.50	15.30	12.50
30	PI/2 BPSK	1	76	12.28	14.08	12.39	12.50	15.30	12.50
30	PI/2 BPSK	36	18	12.30	14.03	14.01	12.50	15.30	15.30
30	PI/2 BPSK	1	0	12.28	14.04	12.23	12.50	15.30	12.50
30	PI/2 BPSK	1	77	12.21	14.04	12.48	12.50	15.30	12.50
30	PI/2 BPSK	75	0	12.42	14.08	12.39	12.50	15.30	12.50
30	QPSK	1	1	13.34	14.10	13.33	13.50	15.30	13.50
30	QPSK	1	76	13.38	14.01	13.47	13.50	15.30	13.50
30	QPSK	36	18	13.35	14.08	14.02	13.50	15.30	15.30
30	QPSK	1	0	13.38	14.01	13.31	13.50	15.30	13.50
30	QPSK	1	77	13.25	14.02	13.40	13.50	15.30	13.50
30	QPSK	75	0	13.38	14.07	13.40	13.50	15.30	13.50
30	16QAM	1	1	12.86	14.09	13.08	13.00	15.30	13.50
30	64QAM	1	1	12.87	14.09	12.91	13.00	15.30	13.00



FCC SAR TEST REPORT

Report No. : FA5N0803-01C

30	256QAM	1	1	12.64	14.02	12.56	13.00	15.30	13.00
Sub carrier spacing		Channel		637334	641666	646000	637334	641666	646000
30k	Hz	Frequency (MHz)		3560.01	3624.99	3690	3560.01	3624.99	3690
20	PI/2 BPSK	1	1	14.10	14.04	14.16	15.30	15.30	15.30
20	PI/2 BPSK	1	49	14.12	14.05	14.06	15.30	15.30	15.30
20	PI/2 BPSK	25	12	14.17	14.10	14.09	15.30	15.30	15.30
20	PI/2 BPSK	1	0	14.09	14.08	14.10	15.30	15.30	15.30
20	PI/2 BPSK	1	50	14.07	14.06	14.06	15.30	15.30	15.30
20	PI/2 BPSK	50	0	14.02	14.09	14.09	15.30	15.30	15.30
20	QPSK	1	1	14.12	14.09	14.02	15.30	15.30	15.30
20	QPSK	1	49	14.11	14.08	14.10	15.30	15.30	15.30
20	QPSK	25	12	14.12	14.08	14.07	15.30	15.30	15.30
20	QPSK	1	0	14.11	14.10	14.02	15.30	15.30	15.30
20	QPSK	1	50	14.10	14.06	14.11	15.30	15.30	15.30
20	QPSK	50	0	14.02	14.12	14.05	15.30	15.30	15.30
20	16QAM	1	1	14.07	14.03	14.06	15.30	15.30	15.30
20	64QAM	1	1	14.10	14.03	14.05	15.30	15.30	15.30
20	256QAM	1	1	14.02	14.07	14.11	15.30	15.30	15.30
Sub carrier spacing		Channel		637168	641666	646166	637168	641666	646166
30k	Hz	Frequency (MHz)		3557.52	3624.99	3692.49	3557.52	3624.99	3692.49
15	PI/2 BPSK	1	1	14.03	14.04	14.10	15.30	15.30	15.30
15	PI/2 BPSK	1	36	14.07	14.04	14.08	15.30	15.30	15.30
15	PI/2 BPSK	18	9	14.09	14.11	14.07	15.30	15.30	15.30
15	PI/2 BPSK	1	0	14.08	14.04	14.06	15.30	15.30	15.30
15	PI/2 BPSK	1	37	14.09	14.12	14.09	15.30	15.30	15.30
15	PI/2 BPSK	36	0	14.05	14.09	14.10	15.30	15.30	15.30
15	QPSK	1	1	14.04	14.11	14.04	15.30	15.30	15.30
15	QPSK	1	36	14.12	14.08	14.05	15.30	15.30	15.30
15	QPSK	18	9	14.04	14.04	14.11	15.30	15.30	15.30
15	QPSK	1	0	14.03	14.08	14.10	15.30	15.30	15.30
15	QPSK	1	37	14.08	14.11	14.10	15.30	15.30	15.30
15	QPSK	36	0	14.12	14.09	14.02	15.30	15.30	15.30
15	16QAM	1	1	14.10	14.09	14.09	15.30	15.30	15.30
15	64QAM	1	1	14.03	14.09	14.03	15.30	15.30	15.30
15	256QAM	1	1	14.04	14.02	14.04	15.30	15.30	15.30
Sub carrier spacing		Channel		637000	641666	646332	637000	641666	646332
30k	Hz	Frequency (MHz)		3555	3624.99	3694.98	3555	3624.99	3694.98
10	PI/2 BPSK	1	1	14.06	14.12	14.06	15.30	15.30	15.30
10	PI/2 BPSK	1	22	14.07	14.05	14.05	15.30	15.30	15.30
10	PI/2 BPSK	12	6	14.04	14.11	14.11	15.30	15.30	15.30
10	PI/2 BPSK	1	0	14.12	14.06	14.06	15.30	15.30	15.30
10	PI/2 BPSK	1	23	14.09	14.04	14.03	15.30	15.30	15.30
10	PI/2 BPSK	24	0	14.05	14.06	14.07	15.30	15.30	15.30
10	QPSK	1	1	14.03	14.07	14.06	15.30	15.30	15.30
10	QPSK	1	22	14.02	14.11	14.07	15.30	15.30	15.30
10	QPSK	12	6	14.07	14.09	14.02	15.30	15.30	15.30
10	QPSK	1	0	14.09	14.10	14.07	15.30	15.30	15.30
10	QPSK	1	23	14.09	14.11	14.09	15.30	15.30	15.30
10	QPSK	24	0	14.12	14.10	14.09	15.30	15.30	15.30
10	16QAM	1	1	14.04	14.04	14.08	15.30	15.30	15.30
10	64QAM	1	1	14.02	14.12	14.02	15.30	15.30	15.30
10	256QAM	1	1	14.09	14.11	14.04	15.30	15.30	15.30

<FR1 n48_Ant 7_ECI 2 / 3>							Tune-up Limit		
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.



FCC SAR TEST REPORT

Report No. : FA5N0803-01C

Sub carrier spacing		Channel		638000	641666	645332	638000	641666	645332
30k	Hz	Frequency (MHz)		3570	3624.99	3679.98	3570	3624.99	3679.98
40	PI/2 BPSK	1	1	11.57	16.83	11.33	12.00	17.00	11.50
40	PI/2 BPSK	1	104	11.71	16.90	11.46	12.00	17.00	11.50
40	PI/2 BPSK	50	25	11.91	20.96	11.45	12.00	21.00	11.50
40	PI/2 BPSK	1	0	11.59	17.01	11.32	12.00	17.50	11.50
40	PI/2 BPSK	1	105	11.79	16.80	11.48	12.00	17.00	11.50
40	PI/2 BPSK	100	0	11.88	20.46	11.52	12.00	20.50	12.00
40	QPSK	1	1	12.74	17.05	12.37	13.00	17.50	12.50
40	QPSK	1	104	12.69	16.83	12.49	13.00	17.00	12.50
40	QPSK	50	25	12.86	20.99	12.43	13.00	21.00	12.50
40	QPSK	1	0	12.76	16.86	12.35	13.00	17.00	12.50
40	QPSK	1	105	12.70	16.94	12.50	13.00	17.00	12.50
40	QPSK	100	0	12.99	19.97	12.47	13.00	20.00	12.50
40	16QAM	1	1	12.24	17.00	11.96	12.50	17.00	12.00
40	64QAM	1	1	12.20	17.08	11.97	12.50	17.50	12.00
40	256QAM	1	1	12.01	16.37	11.69	12.50	16.50	12.00
Sub carrier spacing		Channel		637668	641666	645666	637668	641666	645666
30k	Hz	Frequency (MHz)		3565.02	3624.99	3684.99	3565.02	3624.99	3684.99
30	PI/2 BPSK	1	1	11.77	17.05	11.60	12.00	17.50	12.00
30	PI/2 BPSK	1	76	11.65	16.87	11.50	12.00	17.00	11.50
30	PI/2 BPSK	36	18	11.83	20.95	20.82	12.00	21.00	21.00
30	PI/2 BPSK	1	0	11.76	17.08	11.49	12.00	17.50	11.50
30	PI/2 BPSK	1	77	11.73	16.87	11.55	12.00	17.00	12.00
30	PI/2 BPSK	75	0	11.90	17.04	11.55	12.00	17.50	12.00
30	QPSK	1	1	12.67	16.96	12.58	13.00	17.00	13.00
30	QPSK	1	76	12.79	17.00	12.64	13.00	17.00	13.00
30	QPSK	36	18	12.73	20.95	20.78	13.00	21.00	21.00
30	QPSK	1	0	12.69	17.09	12.61	13.00	17.50	13.00
30	QPSK	1	77	12.75	16.88	12.55	13.00	17.00	13.00
30	QPSK	75	0	12.90	16.99	12.50	13.00	17.00	12.50
30	16QAM	1	1	12.31	17.05	11.97	12.50	17.50	12.00
30	64QAM	1	1	12.20	17.11	12.04	12.50	17.50	12.50
30	256QAM	1	1	12.00	16.35	11.68	12.00	16.50	12.00
Sub carrier spacing		Channel		637334	641666	646000	637334	641666	646000
30k	Hz	Frequency (MHz)		3560.01	3624.99	3690	3560.01	3624.99	3690
20	PI/2 BPSK	1	1	17.02	20.93	20.73	17.50	21.00	21.00
20	PI/2 BPSK	1	49	21.17	20.93	16.76	22.70	21.00	17.00
20	PI/2 BPSK	25	12	21.17	20.97	20.79	22.70	21.00	21.00
20	PI/2 BPSK	1	0	16.99	20.38	20.20	17.00	20.50	20.50
20	PI/2 BPSK	1	50	20.70	20.43	16.77	21.00	20.50	17.00
20	PI/2 BPSK	50	0	17.10	20.42	16.76	17.50	20.50	17.00
20	QPSK	1	1	17.11	20.97	20.84	17.50	21.00	21.00
20	QPSK	1	49	21.22	21.04	16.78	22.70	22.70	17.00
20	QPSK	25	12	21.09	20.92	20.75	22.70	21.00	21.00
20	QPSK	1	0	17.02	20.07	19.75	17.50	20.50	20.00
20	QPSK	1	50	20.33	19.98	16.86	20.50	20.00	17.00
20	QPSK	50	0	17.11	19.96	16.84	17.50	20.00	17.00
20	16QAM	1	1	16.18	19.98	19.78	16.50	20.00	20.00
20	64QAM	1	1	16.10	18.52	18.35	16.50	19.00	18.50
20	256QAM	1	1	16.32	16.25	16.02	16.50	16.50	16.50
Sub carrier spacing		Channel		637168	641666	646166	637168	641666	646166
30k	Hz	Frequency (MHz)		3557.52	3624.99	3692.49	3557.52	3624.99	3692.49
15	PI/2 BPSK	1	1	16.98	21.01	20.81	17.00	22.70	21.00
15	PI/2 BPSK	1	36	21.11	20.95	16.77	22.70	21.00	17.00
15	PI/2 BPSK	18	9	20.94	20.76	20.60	21.00	21.00	21.00

15	PI/2 BPSK	1	0	16.99	20.47	20.24	17.00	20.50	20.50
15	PI/2 BPSK	1	37	20.70	20.43	16.80	21.00	20.50	17.00
15	PI/2 BPSK	36	0	17.04	20.38	16.72	17.50	20.50	17.00
15	QPSK	1	1	17.07	21.03	20.83	17.50	22.70	21.00
15	QPSK	1	36	21.16	21.01	16.87	22.70	22.70	17.00
15	QPSK	18	9	21.00	20.84	20.73	21.00	21.00	21.00
15	QPSK	1	0	16.99	20.00	19.85	17.00	20.00	20.00
15	QPSK	1	37	20.22	20.00	16.87	20.50	20.00	17.00
15	QPSK	36	0	17.08	19.94	16.82	17.50	20.00	17.00
15	16QAM	1	1	16.12	19.96	19.78	16.50	20.00	20.00
15	64QAM	1	1	16.14	18.59	18.37	16.50	19.00	18.50
15	256QAM	1	1	16.28	16.23	16.12	16.50	16.50	16.50
Sub carrier spacing		Channel		637000	641666	646332	637000	641666	646332
30k	Hz	Frequency (MHz)		3555	3624.99	3694.98	3555	3624.99	3694.98
10	PI/2 BPSK	1	1	20.95	20.85	20.85	21.00	21.00	21.00
10	PI/2 BPSK	1	22	20.98	20.94	20.79	21.00	21.00	21.00
10	PI/2 BPSK	12	6	20.94	20.83	20.74	21.00	21.00	21.00
10	PI/2 BPSK	1	0	20.37	20.45	20.21	20.50	20.50	20.50
10	PI/2 BPSK	1	23	20.52	20.39	20.32	21.00	20.50	20.50
10	PI/2 BPSK	24	0	20.51	20.37	20.29	21.00	20.50	20.50
10	QPSK	1	1	20.98	20.97	20.90	21.00	21.00	21.00
10	QPSK	1	22	21.06	20.98	20.92	22.70	21.00	21.00
10	QPSK	12	6	21.02	20.89	20.81	22.70	21.00	21.00
10	QPSK	1	0	19.97	19.92	19.82	20.00	20.00	20.00
10	QPSK	1	23	20.11	19.98	19.90	20.50	20.00	20.00
10	QPSK	24	0	20.05	19.91	19.80	20.50	20.00	20.00
10	16QAM	1	1	20.06	19.90	19.89	20.50	20.00	20.00
10	64QAM	1	1	18.53	18.50	18.33	19.00	18.50	18.50
10	256QAM	1	1	16.23	16.24	16.13	16.50	16.50	16.50

<FR1 n48_Ant 7_ECI 4>							Tune-up Limit		
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.
Sub carrier spacing		Channel		638000	641666	645332	638000	641666	645332
30k	Hz	Frequency (MHz)		3570	3624.99	3679.98	3570	3624.99	3679.98
40	PI/2 BPSK	1	1	11.57	16.83	11.33	12.00	17.00	11.50
40	PI/2 BPSK	1	104	11.71	16.90	11.46	12.00	17.00	11.50
40	PI/2 BPSK	50	25	11.91	17.41	11.45	12.00	18.20	11.50
40	PI/2 BPSK	1	0	11.59	17.01	11.32	12.00	17.50	11.50
40	PI/2 BPSK	1	105	11.79	16.80	11.48	12.00	17.00	11.50
40	PI/2 BPSK	100	0	11.88	17.40	11.52	12.00	18.20	12.00
40	QPSK	1	1	12.74	17.05	12.37	13.00	17.50	12.50
40	QPSK	1	104	12.69	16.83	12.49	13.00	17.00	12.50
40	QPSK	50	25	12.86	17.32	12.43	13.00	18.20	12.50
40	QPSK	1	0	12.76	16.86	12.35	13.00	17.00	12.50
40	QPSK	1	105	12.70	16.94	12.50	13.00	17.00	12.50
40	QPSK	100	0	12.99	17.34	12.47	13.00	18.20	12.50
40	16QAM	1	1	12.24	17.00	11.96	12.50	17.00	12.00
40	64QAM	1	1	12.20	17.08	11.97	12.50	17.50	12.00
40	256QAM	1	1	12.01	16.37	11.69	12.50	16.50	12.00
Sub carrier spacing		Channel		637668	641666	645666	637668	641666	645666
30k	Hz	Frequency (MHz)		3565.02	3624.99	3684.99	3565.02	3624.99	3684.99
30	PI/2 BPSK	1	1	11.77	17.05	11.60	12.00	17.50	12.00
30	PI/2 BPSK	1	76	11.65	16.87	11.50	12.00	17.00	11.50



FCC SAR TEST REPORT

Report No. : FA5N0803-01C

30	PI/2 BPSK	36	18	11.83	17.33	17.32	12.00	18.20	18.20
30	PI/2 BPSK	1	0	11.76	17.08	11.49	12.00	17.50	11.50
30	PI/2 BPSK	1	77	11.73	16.87	11.55	12.00	17.00	12.00
30	PI/2 BPSK	75	0	11.90	17.04	11.55	12.00	17.50	12.00
30	QPSK	1	1	12.67	16.96	12.58	13.00	17.00	13.00
30	QPSK	1	76	12.79	17.00	12.64	13.00	17.00	13.00
30	QPSK	36	18	12.73	17.39	17.32	13.00	18.20	18.20
30	QPSK	1	0	12.69	17.09	12.61	13.00	17.50	13.00
30	QPSK	1	77	12.75	16.88	12.55	13.00	17.00	13.00
30	QPSK	75	0	12.90	16.99	12.50	13.00	17.00	12.50
30	16QAM	1	1	12.31	17.05	11.97	12.50	17.50	12.00
30	64QAM	1	1	12.20	17.11	12.04	12.50	17.50	12.50
30	256QAM	1	1	12.00	16.35	11.68	12.00	16.50	12.00
Sub carrier spacing		Channel		637334	641666	646000	637334	641666	646000
30k	Hz	Frequency (MHz)		3560.01	3624.99	3690	3560.01	3624.99	3690
20	PI/2 BPSK	1	1	17.02	17.39	17.34	17.50	18.20	18.20
20	PI/2 BPSK	1	49	17.58	17.33	16.76	18.20	18.20	17.00
20	PI/2 BPSK	25	12	17.60	17.34	17.28	18.20	18.20	18.20
20	PI/2 BPSK	1	0	16.99	17.28	17.24	17.00	18.20	18.20
20	PI/2 BPSK	1	50	17.26	17.30	16.77	18.20	18.20	17.00
20	PI/2 BPSK	50	0	17.10	17.27	16.76	17.50	18.20	17.00
20	QPSK	1	1	17.11	17.28	17.26	17.50	18.20	18.20
20	QPSK	1	49	17.34	17.33	16.78	18.20	18.20	17.00
20	QPSK	25	12	17.34	17.29	17.28	18.20	18.20	18.20
20	QPSK	1	0	17.02	17.26	17.26	17.50	18.20	18.20
20	QPSK	1	50	17.31	17.32	16.86	18.20	18.20	17.00
20	QPSK	50	0	17.11	17.32	16.84	17.50	18.20	17.00
20	16QAM	1	1	16.18	17.26	17.26	16.50	18.20	18.20
20	64QAM	1	1	16.10	17.27	17.26	16.50	18.20	18.20
20	256QAM	1	1	16.32	16.25	16.02	16.50	16.50	16.50
Sub carrier spacing		Channel		637168	641666	646166	637168	641666	646166
30k	Hz	Frequency (MHz)		3557.52	3624.99	3692.49	3557.52	3624.99	3692.49
15	PI/2 BPSK	1	1	16.98	17.28	17.29	17.00	18.20	18.20
15	PI/2 BPSK	1	36	17.28	17.30	16.77	18.20	18.20	17.00
15	PI/2 BPSK	18	9	17.31	17.26	17.32	18.20	18.20	18.20
15	PI/2 BPSK	1	0	16.99	17.26	17.33	17.00	18.20	18.20
15	PI/2 BPSK	1	37	17.30	17.29	16.80	18.20	18.20	17.00
15	PI/2 BPSK	36	0	17.04	17.29	16.72	17.50	18.20	17.00
15	QPSK	1	1	17.07	17.31	17.33	17.50	18.20	18.20
15	QPSK	1	36	17.34	17.25	16.87	18.20	18.20	17.00
15	QPSK	18	9	17.25	17.28	17.28	18.20	18.20	18.20
15	QPSK	1	0	16.99	17.31	17.29	17.00	18.20	18.20
15	QPSK	1	37	17.33	17.33	16.87	18.20	18.20	17.00
15	QPSK	36	0	17.08	17.24	16.82	17.50	18.20	17.00
15	16QAM	1	1	16.12	17.30	17.24	16.50	18.20	18.20
15	64QAM	1	1	16.14	17.29	17.34	16.50	18.20	18.20
15	256QAM	1	1	16.28	16.23	16.12	16.50	16.50	16.50
Sub carrier spacing		Channel		637000	641666	646332	637000	641666	646332
30k	Hz	Frequency (MHz)		3555	3624.99	3694.98	3555	3624.99	3694.98
10	PI/2 BPSK	1	1	17.30	17.24	17.24	18.20	18.20	18.20
10	PI/2 BPSK	1	22	17.31	17.30	17.30	18.20	18.20	18.20
10	PI/2 BPSK	12	6	17.33	17.30	17.29	18.20	18.20	18.20
10	PI/2 BPSK	1	0	17.33	17.26	17.32	18.20	18.20	18.20
10	PI/2 BPSK	1	23	17.27	17.24	17.31	18.20	18.20	18.20
10	PI/2 BPSK	24	0	17.29	17.32	17.27	18.20	18.20	18.20
10	QPSK	1	1	17.25	17.25	17.25	18.20	18.20	18.20

10	QPSK	1	22	17.33	17.28	17.26	18.20	18.20	18.20
10	QPSK	12	6	17.27	17.26	17.33	18.20	18.20	18.20
10	QPSK	1	0	17.24	17.25	17.26	18.20	18.20	18.20
10	QPSK	1	23	17.34	17.34	17.33	18.20	18.20	18.20
10	QPSK	24	0	17.34	17.30	17.26	18.20	18.20	18.20
10	16QAM	1	1	17.31	17.26	17.28	18.20	18.20	18.20
10	64QAM	1	1	17.34	17.28	17.34	18.20	18.20	18.20
10	256QAM	1	1	16.23	16.24	16.13	16.50	16.50	16.50

<FR1 n48_Ant 7_ECI 5 / 6>							Tune-up Limit		
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.
Sub carrier spacing		Channel		638000	641666	645332	638000	641666	645332
30k	Hz	Frequency (MHz)		3570	3624.99	3679.98	3570	3624.99	3679.98
40	PI/2 BPSK	1	1	11.57	15.38	11.33	12.00	15.90	11.50
40	PI/2 BPSK	1	104	11.71	15.40	11.46	12.00	15.90	11.50
40	PI/2 BPSK	50	25	11.91	15.42	11.45	12.00	15.90	11.50
40	PI/2 BPSK	1	0	11.59	15.41	11.32	12.00	15.90	11.50
40	PI/2 BPSK	1	105	11.79	15.37	11.48	12.00	15.90	11.50
40	PI/2 BPSK	100	0	11.88	15.45	11.52	12.00	15.90	12.00
40	QPSK	1	1	12.74	15.37	12.37	13.00	15.90	12.50
40	QPSK	1	104	12.69	15.38	12.49	13.00	15.90	12.50
40	QPSK	50	25	12.86	15.39	12.43	13.00	15.90	12.50
40	QPSK	1	0	12.76	15.35	12.35	13.00	15.90	12.50
40	QPSK	1	105	12.70	15.41	12.50	13.00	15.90	12.50
40	QPSK	100	0	12.99	15.38	12.47	13.00	15.90	12.50
40	16QAM	1	1	12.24	15.37	11.96	12.50	15.90	12.00
40	64QAM	1	1	12.20	15.31	11.97	12.50	15.90	12.00
40	256QAM	1	1	12.01	15.41	11.69	12.50	15.90	12.00
Sub carrier spacing		Channel		637668	641666	645666	637668	641666	645666
30k	Hz	Frequency (MHz)		3565.02	3624.99	3684.99	3565.02	3624.99	3684.99
30	PI/2 BPSK	1	1	11.77	15.38	11.60	12.00	15.90	12.00
30	PI/2 BPSK	1	76	11.65	15.37	11.50	12.00	15.90	11.50
30	PI/2 BPSK	36	18	11.83	15.38	15.31	12.00	15.90	15.90
30	PI/2 BPSK	1	0	11.76	15.40	11.49	12.00	15.90	11.50
30	PI/2 BPSK	1	77	11.73	15.33	11.55	12.00	15.90	12.00
30	PI/2 BPSK	75	0	11.90	15.41	11.55	12.00	15.90	12.00
30	QPSK	1	1	12.67	15.32	12.58	13.00	15.90	13.00
30	QPSK	1	76	12.79	15.40	12.64	13.00	15.90	13.00
30	QPSK	36	18	12.73	15.41	15.39	13.00	15.90	15.90
30	QPSK	1	0	12.69	15.35	12.61	13.00	15.90	13.00
30	QPSK	1	77	12.75	15.31	12.55	13.00	15.90	13.00
30	QPSK	75	0	12.90	15.41	12.50	13.00	15.90	12.50
30	16QAM	1	1	12.31	15.33	11.97	12.50	15.90	12.00
30	64QAM	1	1	12.20	15.34	12.04	12.50	15.90	12.50
30	256QAM	1	1	12.00	15.39	11.68	12.00	15.90	12.00
Sub carrier spacing		Channel		637334	641666	646000	637334	641666	646000
30k	Hz	Frequency (MHz)		3560.01	3624.99	3690	3560.01	3624.99	3690
20	PI/2 BPSK	1	1	15.31	15.23	15.33	15.90	15.90	15.90
20	PI/2 BPSK	1	49	15.56	15.29	15.23	15.90	15.90	15.90
20	PI/2 BPSK	25	12	15.61	15.25	15.25	15.90	15.90	15.90
20	PI/2 BPSK	1	0	15.27	15.24	15.27	15.90	15.90	15.90
20	PI/2 BPSK	1	50	15.25	15.32	15.30	15.90	15.90	15.90
20	PI/2 BPSK	50	0	15.23	15.26	15.31	15.90	15.90	15.90
20	QPSK	1	1	15.29	15.30	15.32	15.90	15.90	15.90
20	QPSK	1	49	15.29	15.32	15.29	15.90	15.90	15.90

20	QPSK	25	12	15.28	15.32	15.27	15.90	15.90	15.90
20	QPSK	1	0	15.27	15.30	15.32	15.90	15.90	15.90
20	QPSK	1	50	15.23	15.23	15.31	15.90	15.90	15.90
20	QPSK	50	0	15.32	15.30	15.31	15.90	15.90	15.90
20	16QAM	1	1	15.30	15.23	15.32	15.90	15.90	15.90
20	64QAM	1	1	15.28	15.33	15.28	15.90	15.90	15.90
20	256QAM	1	1	15.24	15.32	15.23	15.90	15.90	15.90
Sub carrier spacing		Channel		637168	641666	646166	637168	641666	646166
30k	Hz	Frequency (MHz)		3557.52	3624.99	3692.49	3557.52	3624.99	3692.49
15	PI/2 BPSK	1	1	15.24	15.31	15.25	15.90	15.90	15.90
15	PI/2 BPSK	1	36	15.31	15.29	15.25	15.90	15.90	15.90
15	PI/2 BPSK	18	9	15.30	15.28	15.26	15.90	15.90	15.90
15	PI/2 BPSK	1	0	15.30	15.31	15.33	15.90	15.90	15.90
15	PI/2 BPSK	1	37	15.32	15.28	15.31	15.90	15.90	15.90
15	PI/2 BPSK	36	0	15.30	15.31	15.30	15.90	15.90	15.90
15	QPSK	1	1	15.24	15.31	15.25	15.90	15.90	15.90
15	QPSK	1	36	15.25	15.23	15.23	15.90	15.90	15.90
15	QPSK	18	9	15.23	15.27	15.27	15.90	15.90	15.90
15	QPSK	1	0	15.33	15.24	15.25	15.90	15.90	15.90
15	QPSK	1	37	15.25	15.33	15.30	15.90	15.90	15.90
15	QPSK	36	0	15.31	15.32	15.25	15.90	15.90	15.90
15	16QAM	1	1	15.23	15.29	15.25	15.90	15.90	15.90
15	64QAM	1	1	15.25	15.30	15.27	15.90	15.90	15.90
15	256QAM	1	1	15.31	15.32	15.32	15.90	15.90	15.90
Sub carrier spacing		Channel		637000	641666	646332	637000	641666	646332
30k	Hz	Frequency (MHz)		3555	3624.99	3694.98	3555	3624.99	3694.98
10	PI/2 BPSK	1	1	15.24	15.31	15.28	15.90	15.90	15.90
10	PI/2 BPSK	1	22	15.33	15.33	15.31	15.90	15.90	15.90
10	PI/2 BPSK	12	6	15.24	15.26	15.27	15.90	15.90	15.90
10	PI/2 BPSK	1	0	15.28	15.31	15.24	15.90	15.90	15.90
10	PI/2 BPSK	1	23	15.25	15.32	15.28	15.90	15.90	15.90
10	PI/2 BPSK	24	0	15.29	15.28	15.25	15.90	15.90	15.90
10	QPSK	1	1	15.26	15.28	15.27	15.90	15.90	15.90
10	QPSK	1	22	15.32	15.30	15.32	15.90	15.90	15.90
10	QPSK	12	6	15.24	15.29	15.26	15.90	15.90	15.90
10	QPSK	1	0	15.24	15.28	15.33	15.90	15.90	15.90
10	QPSK	1	23	15.27	15.24	15.26	15.90	15.90	15.90
10	QPSK	24	0	15.24	15.23	15.25	15.90	15.90	15.90
10	16QAM	1	1	15.27	15.33	15.24	15.90	15.90	15.90
10	64QAM	1	1	15.26	15.32	15.25	15.90	15.90	15.90
10	256QAM	1	1	15.28	15.27	15.25	15.90	15.90	15.90

<FR1 n48_Ant 1_ECI 2>							Tune-up Limit		
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.
Sub carrier spacing		Channel		638000	641666	645332	638000	641666	645332
30k	Hz	Frequency (MHz)		3570	3624.99	3679.98	3570	3624.99	3679.98
40	PI/2 BPSK	1	1	11.57	17.80	11.79	12.00	18.00	12.00
40	PI/2 BPSK	1	104	11.87	17.68	11.69	12.00	18.00	12.00
40	PI/2 BPSK	50	25	11.63	18.34	11.82	12.00	20.30	12.00
40	PI/2 BPSK	1	0	11.43	17.81	11.77	11.50	18.00	12.00
40	PI/2 BPSK	1	105	11.89	17.86	11.79	12.00	18.00	12.00
40	PI/2 BPSK	100	0	11.72	17.20	11.89	12.00	17.50	12.00
40	QPSK	1	1	13.54	17.65	13.82	14.00	18.00	14.00
40	QPSK	1	104	13.88	17.73	13.74	14.00	18.00	14.00

40	QPSK	50	25	13.68	18.40	13.84	14.00	20.30	14.00
40	QPSK	1	0	13.44	17.83	13.93	13.50	18.00	14.00
40	QPSK	1	105	13.86	17.74	13.76	14.00	18.00	14.00
40	QPSK	100	0	13.71	17.24	14.02	14.00	17.50	14.50
40	16QAM	1	1	13.05	17.64	13.36	13.50	18.00	13.50
40	64QAM	1	1	13.00	17.79	13.45	13.00	18.00	13.50
40	256QAM	1	1	12.74	16.08	13.23	13.00	16.50	13.50
Sub carrier spacing		Channel		637668	641666	645666	637668	641666	645666
30k	Hz	Frequency (MHz)		3565.02	3624.99	3684.99	3565.02	3624.99	3684.99
30	PI/2 BPSK	1	1	11.45	17.78	11.95	11.50	18.00	12.00
30	PI/2 BPSK	1	76	11.79	17.75	11.87	12.00	18.00	12.00
30	PI/2 BPSK	36	18	11.55	18.35	18.39	12.00	20.30	20.30
30	PI/2 BPSK	1	0	11.40	17.73	11.96	11.50	18.00	12.00
30	PI/2 BPSK	1	77	11.76	17.79	11.80	12.00	18.00	12.00
30	PI/2 BPSK	75	0	11.59	17.69	11.94	12.00	18.00	12.00
30	QPSK	1	1	13.46	17.75	13.99	13.50	18.00	14.00
30	QPSK	1	76	13.71	17.79	13.91	14.00	18.00	14.00
30	QPSK	36	18	13.48	18.30	18.34	13.50	20.30	20.30
30	QPSK	1	0	13.37	17.64	13.97	13.50	18.00	14.00
30	QPSK	1	77	13.73	17.81	13.85	14.00	18.00	14.00
30	QPSK	75	0	13.67	17.70	13.95	14.00	18.00	14.00
30	16QAM	1	1	12.96	17.79	13.51	13.00	18.00	14.00
30	64QAM	1	1	12.93	17.79	13.64	13.00	18.00	14.00
30	256QAM	1	1	12.73	15.97	13.27	13.00	16.00	13.50
Sub carrier spacing		Channel		637334	641666	646000	637334	641666	646000
30k	Hz	Frequency (MHz)		3560.01	3624.99	3690	3560.01	3624.99	3690
20	PI/2 BPSK	1	1	17.25	18.30	18.38	17.50	20.30	20.30
20	PI/2 BPSK	1	49	18.32	18.33	17.36	20.30	20.30	17.50
20	PI/2 BPSK	25	12	18.30	18.42	18.36	20.30	20.30	20.30
20	PI/2 BPSK	1	0	17.26	18.32	18.33	17.50	20.30	20.30
20	PI/2 BPSK	1	50	18.31	18.32	17.45	20.30	20.30	17.50
20	PI/2 BPSK	50	0	17.32	18.31	17.45	17.50	20.30	17.50
20	QPSK	1	1	17.19	18.37	18.31	17.50	20.30	20.30
20	QPSK	1	49	18.35	18.30	17.40	20.30	20.30	17.50
20	QPSK	25	12	18.38	18.33	18.31	20.30	20.30	20.30
20	QPSK	1	0	17.19	18.35	18.33	17.50	20.30	20.30
20	QPSK	1	50	18.32	18.32	17.53	20.30	20.30	18.00
20	QPSK	50	0	17.31	18.37	17.47	17.50	20.30	17.50
20	16QAM	1	1	16.25	18.38	18.30	16.50	20.30	20.30
20	64QAM	1	1	16.32	18.37	18.32	16.50	19.50	19.50
20	256QAM	1	1	15.56	16.08	15.81	16.00	16.50	16.00
Sub carrier spacing		Channel		637168	641666	646166	637168	641666	646166
30k	Hz	Frequency (MHz)		3557.52	3624.99	3692.49	3557.52	3624.99	3692.49
15	PI/2 BPSK	1	1	17.31	18.33	18.31	17.50	20.30	20.30
15	PI/2 BPSK	1	36	18.36	18.32	17.59	20.30	20.30	18.00
15	PI/2 BPSK	18	9	18.35	18.34	18.39	20.30	20.30	20.30
15	PI/2 BPSK	1	0	17.27	18.34	18.34	17.50	20.30	20.30
15	PI/2 BPSK	1	37	18.36	18.32	17.53	20.30	20.30	18.00
15	PI/2 BPSK	36	0	17.23	18.38	17.42	17.50	20.30	17.50
15	QPSK	1	1	17.25	18.35	18.40	17.50	20.30	20.30
15	QPSK	1	36	18.34	18.32	17.51	20.30	20.30	18.00
15	QPSK	18	9	18.33	18.34	18.32	20.30	20.30	20.30
15	QPSK	1	0	17.23	18.38	18.35	17.50	20.30	20.30
15	QPSK	1	37	18.33	18.37	17.63	20.30	20.30	18.00
15	QPSK	36	0	17.23	18.36	17.49	17.50	20.30	17.50
15	16QAM	1	1	16.24	18.30	18.30	16.50	20.30	20.30

15	64QAM	1	1	16.32	18.35	18.33	16.50	19.50	19.50
15	256QAM	1	1	15.55	16.11	15.96	16.00	16.50	16.00
Sub carrier spacing		Channel		637000	641666	646332	637000	641666	646332
30k	Hz	Frequency (MHz)		3555	3624.99	3694.98	3555	3624.99	3694.98
10	PI/2 BPSK	1	1	18.30	18.40	18.34	20.30	20.30	20.30
10	PI/2 BPSK	1	22	18.31	18.37	18.35	20.30	20.30	20.30
10	PI/2 BPSK	12	6	18.39	18.31	18.32	20.30	20.30	20.30
10	PI/2 BPSK	1	0	18.36	18.33	18.37	20.30	20.30	20.30
10	PI/2 BPSK	1	23	18.31	18.35	18.33	20.30	20.30	20.30
10	PI/2 BPSK	24	0	18.34	18.39	18.37	20.30	20.30	20.30
10	QPSK	1	1	18.37	18.39	18.40	20.30	20.30	20.30
10	QPSK	1	22	18.31	18.34	18.30	20.30	20.30	20.30
10	QPSK	12	6	18.37	18.35	18.39	20.30	20.30	20.30
10	QPSK	1	0	18.36	18.35	18.36	20.30	20.30	20.30
10	QPSK	1	23	18.30	18.40	18.32	20.30	20.30	20.30
10	QPSK	24	0	18.36	18.33	18.40	20.30	20.30	20.30
10	16QAM	1	1	18.36	18.40	18.37	20.30	20.30	20.30
10	64QAM	1	1	18.30	18.33	18.37	19.00	19.50	19.50
10	256QAM	1	1	15.52	16.08	16.01	16.00	16.50	16.50

<FR1 n48_Ant 1_ECI 3>							Tune-up Limit		
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.
Sub carrier spacing		Channel		638000	641666	645332	638000	641666	645332
30k	Hz	Frequency (MHz)		3570	3624.99	3679.98	3570	3624.99	3679.98
40	PI/2 BPSK	1	1	11.57	17.80	11.79	12.00	18.00	12.00
40	PI/2 BPSK	1	104	11.87	17.68	11.69	12.00	18.00	12.00
40	PI/2 BPSK	50	25	11.63	18.34	11.82	12.00	19.50	12.00
40	PI/2 BPSK	1	0	11.43	17.81	11.77	11.50	18.00	12.00
40	PI/2 BPSK	1	105	11.89	17.86	11.79	12.00	18.00	12.00
40	PI/2 BPSK	100	0	11.72	17.20	11.89	12.00	17.50	12.00
40	QPSK	1	1	13.54	17.65	13.82	14.00	18.00	14.00
40	QPSK	1	104	13.88	17.73	13.74	14.00	18.00	14.00
40	QPSK	50	25	13.68	18.40	13.84	14.00	19.50	14.00
40	QPSK	1	0	13.44	17.83	13.93	13.50	18.00	14.00
40	QPSK	1	105	13.86	17.74	13.76	14.00	18.00	14.00
40	QPSK	100	0	13.71	17.24	14.02	14.00	17.50	14.50
40	16QAM	1	1	13.05	17.64	13.36	13.50	18.00	13.50
40	64QAM	1	1	13.00	17.79	13.45	13.00	18.00	13.50
40	256QAM	1	1	12.74	16.08	13.23	13.00	16.50	13.50
Sub carrier spacing		Channel		637668	641666	645666	637668	641666	645666
30k	Hz	Frequency (MHz)		3565.02	3624.99	3684.99	3565.02	3624.99	3684.99
30	PI/2 BPSK	1	1	11.45	17.78	11.95	11.50	18.00	12.00
30	PI/2 BPSK	1	76	11.79	17.75	11.87	12.00	18.00	12.00
30	PI/2 BPSK	36	18	11.55	18.35	18.39	12.00	19.50	19.50
30	PI/2 BPSK	1	0	11.40	17.73	11.96	11.50	18.00	12.00
30	PI/2 BPSK	1	77	11.76	17.79	11.80	12.00	18.00	12.00
30	PI/2 BPSK	75	0	11.59	17.69	11.94	12.00	18.00	12.00
30	QPSK	1	1	13.46	17.75	13.99	13.50	18.00	14.00
30	QPSK	1	76	13.71	17.79	13.91	14.00	18.00	14.00
30	QPSK	36	18	13.48	18.30	18.34	13.50	19.50	19.50
30	QPSK	1	0	13.37	17.64	13.97	13.50	18.00	14.00
30	QPSK	1	77	13.73	17.81	13.85	14.00	18.00	14.00
30	QPSK	75	0	13.67	17.70	13.95	14.00	18.00	14.00
30	16QAM	1	1	12.96	17.79	13.51	13.00	18.00	14.00
30	64QAM	1	1	12.93	17.79	13.64	13.00	18.00	14.00



FCC SAR TEST REPORT

Report No. : FA5N0803-01C

30	256QAM	1	1	12.73	15.97	13.27	13.00	16.00	13.50
Sub carrier spacing		Channel		637334	641666	646000	637334	641666	646000
30k	Hz	Frequency (MHz)		3560.01	3624.99	3690	3560.01	3624.99	3690
20	PI/2 BPSK	1	1	17.25	18.30	18.38	17.50	19.50	19.50
20	PI/2 BPSK	1	49	18.32	18.33	17.36	19.50	19.50	17.50
20	PI/2 BPSK	25	12	18.30	18.42	18.36	19.50	19.50	19.50
20	PI/2 BPSK	1	0	17.26	18.32	18.33	17.50	19.50	19.50
20	PI/2 BPSK	1	50	18.31	18.32	17.45	19.50	19.50	17.50
20	PI/2 BPSK	50	0	17.32	18.31	17.45	17.50	19.50	17.50
20	QPSK	1	1	17.19	18.37	18.31	17.50	19.50	19.50
20	QPSK	1	49	18.35	18.30	17.40	19.50	19.50	17.50
20	QPSK	25	12	18.38	18.33	18.31	19.50	19.50	19.50
20	QPSK	1	0	17.19	18.35	18.33	17.50	19.50	19.50
20	QPSK	1	50	18.32	18.32	17.53	19.50	19.50	18.00
20	QPSK	50	0	17.31	18.37	17.47	17.50	19.50	17.50
20	16QAM	1	1	16.25	18.38	18.30	16.50	19.50	19.50
20	64QAM	1	1	16.32	18.37	18.32	16.50	19.50	19.50
20	256QAM	1	1	15.56	16.08	15.81	16.00	16.50	16.00
Sub carrier spacing		Channel		637168	641666	646166	637168	641666	646166
30k	Hz	Frequency (MHz)		3557.52	3624.99	3692.49	3557.52	3624.99	3692.49
15	PI/2 BPSK	1	1	17.31	18.33	18.31	17.50	19.50	19.50
15	PI/2 BPSK	1	36	18.36	18.32	17.59	19.50	19.50	18.00
15	PI/2 BPSK	18	9	18.35	18.34	18.39	19.50	19.50	19.50
15	PI/2 BPSK	1	0	17.27	18.34	18.34	17.50	19.50	19.50
15	PI/2 BPSK	1	37	18.36	18.32	17.53	19.50	19.50	18.00
15	PI/2 BPSK	36	0	17.23	18.38	17.42	17.50	19.50	17.50
15	QPSK	1	1	17.25	18.35	18.40	17.50	19.50	19.50
15	QPSK	1	36	18.34	18.32	17.51	19.50	19.50	18.00
15	QPSK	18	9	18.33	18.34	18.32	19.50	19.50	19.50
15	QPSK	1	0	17.23	18.38	18.35	17.50	19.50	19.50
15	QPSK	1	37	18.33	18.37	17.63	19.50	19.50	18.00
15	QPSK	36	0	17.23	18.36	17.49	17.50	19.50	17.50
15	16QAM	1	1	16.24	18.30	18.30	16.50	19.50	19.50
15	64QAM	1	1	16.32	18.35	18.33	16.50	19.50	19.50
15	256QAM	1	1	15.55	16.11	15.96	16.00	16.50	16.00
Sub carrier spacing		Channel		637000	641666	646332	637000	641666	646332
30k	Hz	Frequency (MHz)		3555	3624.99	3694.98	3555	3624.99	3694.98
10	PI/2 BPSK	1	1	18.30	18.40	18.34	19.50	19.50	19.50
10	PI/2 BPSK	1	22	18.31	18.37	18.35	19.50	19.50	19.50
10	PI/2 BPSK	12	6	18.39	18.31	18.32	19.50	19.50	19.50
10	PI/2 BPSK	1	0	18.36	18.33	18.37	19.50	19.50	19.50
10	PI/2 BPSK	1	23	18.31	18.35	18.33	19.50	19.50	19.50
10	PI/2 BPSK	24	0	18.34	18.39	18.37	19.50	19.50	19.50
10	QPSK	1	1	18.37	18.39	18.40	19.50	19.50	19.50
10	QPSK	1	22	18.31	18.34	18.30	19.50	19.50	19.50
10	QPSK	12	6	18.37	18.35	18.39	19.50	19.50	19.50
10	QPSK	1	0	18.36	18.35	18.36	19.50	19.50	19.50
10	QPSK	1	23	18.30	18.40	18.32	19.50	19.50	19.50
10	QPSK	24	0	18.36	18.33	18.40	19.50	19.50	19.50
10	16QAM	1	1	18.36	18.40	18.37	19.50	19.50	19.50
10	64QAM	1	1	18.30	18.33	18.37	19.00	19.50	19.50
10	256QAM	1	1	15.52	16.08	16.01	16.00	16.50	16.50

<FR1 n48_Ant 1 ECI 4>							Tune-up Limit		
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.



FCC SAR TEST REPORT

Report No. : FA5N0803-01C

Sub carrier spacing		Channel		638000	641666	645332	638000	641666	645332
30k	Hz	Frequency (MHz)		3570	3624.99	3679.98	3570	3624.99	3679.98
40	PI/2 BPSK	1	1	11.57	17.80	11.79	12.00	18.00	12.00
40	PI/2 BPSK	1	104	11.87	17.68	11.69	12.00	18.00	12.00
40	PI/2 BPSK	50	25	11.63	20.20	11.82	12.00	20.40	12.00
40	PI/2 BPSK	1	0	11.43	17.81	11.77	11.50	18.00	12.00
40	PI/2 BPSK	1	105	11.89	17.86	11.79	12.00	18.00	12.00
40	PI/2 BPSK	100	0	11.72	17.20	11.89	12.00	17.50	12.00
40	QPSK	1	1	13.54	17.65	13.82	14.00	18.00	14.00
40	QPSK	1	104	13.88	17.73	13.74	14.00	18.00	14.00
40	QPSK	50	25	13.68	20.11	13.84	14.00	20.40	14.00
40	QPSK	1	0	13.44	17.83	13.93	13.50	18.00	14.00
40	QPSK	1	105	13.86	17.74	13.76	14.00	18.00	14.00
40	QPSK	100	0	13.71	17.24	14.02	14.00	17.50	14.50
40	16QAM	1	1	13.05	17.64	13.36	13.50	18.00	13.50
40	64QAM	1	1	13.00	17.79	13.45	13.00	18.00	13.50
40	256QAM	1	1	12.74	16.08	13.23	13.00	16.50	13.50
Sub carrier spacing		Channel		637668	641666	645666	637668	641666	645666
30k	Hz	Frequency (MHz)		3565.02	3624.99	3684.99	3565.02	3624.99	3684.99
30	PI/2 BPSK	1	1	11.45	17.78	11.95	11.50	18.00	12.00
30	PI/2 BPSK	1	76	11.79	17.75	11.87	12.00	18.00	12.00
30	PI/2 BPSK	36	18	11.55	20.19	20.24	12.00	20.40	20.40
30	PI/2 BPSK	1	0	11.40	17.73	11.96	11.50	18.00	12.00
30	PI/2 BPSK	1	77	11.76	17.79	11.80	12.00	18.00	12.00
30	PI/2 BPSK	75	0	11.59	17.69	11.94	12.00	18.00	12.00
30	QPSK	1	1	13.46	17.75	13.99	13.50	18.00	14.00
30	QPSK	1	76	13.71	17.79	13.91	14.00	18.00	14.00
30	QPSK	36	18	13.48	20.13	20.14	13.50	20.40	20.40
30	QPSK	1	0	13.37	17.64	13.97	13.50	18.00	14.00
30	QPSK	1	77	13.73	17.81	13.85	14.00	18.00	14.00
30	QPSK	75	0	13.67	17.70	13.95	14.00	18.00	14.00
30	16QAM	1	1	12.96	17.79	13.51	13.00	18.00	14.00
30	64QAM	1	1	12.93	17.79	13.64	13.00	18.00	14.00
30	256QAM	1	1	12.73	15.97	13.27	13.00	16.00	13.50
Sub carrier spacing		Channel		637334	641666	646000	637334	641666	646000
30k	Hz	Frequency (MHz)		3560.01	3624.99	3690	3560.01	3624.99	3690
20	PI/2 BPSK	1	1	17.25	20.14	20.37	17.50	20.40	20.40
20	PI/2 BPSK	1	49	20.21	20.39	17.36	20.40	20.40	17.50
20	PI/2 BPSK	25	12	20.14	20.18	20.13	20.40	20.40	20.40
20	PI/2 BPSK	1	0	17.26	20.18	20.10	17.50	20.40	20.40
20	PI/2 BPSK	1	50	20.14	20.14	17.45	20.40	20.40	17.50
20	PI/2 BPSK	50	0	17.32	20.39	17.45	17.50	20.40	17.50
20	QPSK	1	1	17.19	20.12	20.14	17.50	20.40	20.40
20	QPSK	1	49	20.14	20.18	17.40	20.40	20.40	17.50
20	QPSK	25	12	20.17	20.11	20.18	20.40	20.40	20.40
20	QPSK	1	0	17.19	20.27	20.40	17.50	20.40	20.40
20	QPSK	1	50	20.33	20.25	17.53	20.40	20.40	18.00
20	QPSK	50	0	17.31	20.28	17.47	17.50	20.40	17.50
20	16QAM	1	1	16.25	20.28	20.32	16.50	20.40	20.40
20	64QAM	1	1	16.32	19.35	19.05	16.50	19.50	19.50
20	256QAM	1	1	15.56	16.08	15.81	16.00	16.50	16.00
Sub carrier spacing		Channel		637168	641666	646166	637168	641666	646166
30k	Hz	Frequency (MHz)		3557.52	3624.99	3692.49	3557.52	3624.99	3692.49
15	PI/2 BPSK	1	1	17.31	20.12	20.10	17.50	20.40	20.40
15	PI/2 BPSK	1	36	20.14	20.18	17.59	20.40	20.40	18.00
15	PI/2 BPSK	18	9	20.11	20.14	20.16	20.40	20.40	20.40

15	PI/2 BPSK	1	0	17.27	20.17	20.11	17.50	20.40	20.40
15	PI/2 BPSK	1	37	20.11	20.18	17.53	20.40	20.40	18.00
15	PI/2 BPSK	36	0	17.23	20.12	17.42	17.50	20.40	17.50
15	QPSK	1	1	17.25	20.11	20.17	17.50	20.40	20.40
15	QPSK	1	36	20.20	20.13	17.51	20.40	20.40	18.00
15	QPSK	18	9	20.12	20.12	20.16	20.40	20.40	20.40
15	QPSK	1	0	17.23	20.11	20.09	17.50	20.40	20.40
15	QPSK	1	37	20.36	20.27	17.63	20.40	20.40	18.00
15	QPSK	36	0	17.23	20.29	17.49	17.50	20.40	17.50
15	16QAM	1	1	16.24	20.28	20.02	16.50	20.40	20.40
15	64QAM	1	1	16.32	19.39	19.11	16.50	19.50	19.50
15	256QAM	1	1	15.55	16.11	15.96	16.00	16.50	16.00
Sub carrier spacing		Channel		637000	641666	646332	637000	641666	646332
30k	Hz	Frequency (MHz)		3555	3624.99	3694.98	3555	3624.99	3694.98
10	PI/2 BPSK	1	1	20.16	20.12	20.15	20.40	20.40	20.40
10	PI/2 BPSK	1	22	20.12	20.10	20.19	20.40	20.40	20.40
10	PI/2 BPSK	12	6	20.12	20.17	20.16	20.40	20.40	20.40
10	PI/2 BPSK	1	0	20.14	20.11	20.11	20.40	20.40	20.40
10	PI/2 BPSK	1	23	20.14	20.18	20.13	20.40	20.40	20.40
10	PI/2 BPSK	24	0	20.15	20.15	20.14	20.40	20.40	20.40
10	QPSK	1	1	20.12	20.11	20.10	20.40	20.40	20.40
10	QPSK	1	22	20.18	20.20	20.10	20.40	20.40	20.40
10	QPSK	12	6	20.20	20.18	20.20	20.40	20.40	20.40
10	QPSK	1	0	20.18	20.10	20.13	20.40	20.40	20.40
10	QPSK	1	23	20.14	20.19	20.13	20.40	20.40	20.40
10	QPSK	24	0	20.17	20.17	20.19	20.40	20.40	20.40
10	16QAM	1	1	20.14	20.10	20.17	20.40	20.40	20.40
10	64QAM	1	1	18.75	19.42	19.24	19.00	19.50	19.50
10	256QAM	1	1	15.52	16.08	16.01	16.00	16.50	16.50

<FR1 n48 Ant 1 ECI 5 / 6>							Tune-up Limit		
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.
Sub carrier spacing		Channel		638000	641666	645332	638000	641666	645332
30k	Hz	Frequency (MHz)		3570	3624.99	3679.98	3570	3624.99	3679.98
40	PI/2 BPSK	1	1	11.57	17.20	11.79	12.00	17.50	12.00
40	PI/2 BPSK	1	104	11.87	17.25	11.69	12.00	17.50	12.00
40	PI/2 BPSK	50	25	11.63	17.28	11.82	12.00	17.50	12.00
40	PI/2 BPSK	1	0	11.43	17.22	11.77	11.50	17.50	12.00
40	PI/2 BPSK	1	105	11.89	17.27	11.79	12.00	17.50	12.00
40	PI/2 BPSK	100	0	11.72	17.20	11.89	12.00	17.50	12.00
40	QPSK	1	1	13.54	17.27	13.82	14.00	17.50	14.00
40	QPSK	1	104	13.88	17.26	13.74	14.00	17.50	14.00
40	QPSK	50	25	13.68	17.27	13.84	14.00	17.50	14.00
40	QPSK	1	0	13.44	17.26	13.93	13.50	17.50	14.00
40	QPSK	1	105	13.86	17.18	13.76	14.00	17.50	14.00
40	QPSK	100	0	13.71	17.24	14.02	14.00	17.50	14.50
40	16QAM	1	1	13.05	17.19	13.36	13.50	17.50	13.50
40	64QAM	1	1	13.00	17.27	13.45	13.00	17.50	13.50
40	256QAM	1	1	12.74	16.08	13.23	13.00	16.50	13.50
Sub carrier spacing		Channel		637668	641666	645666	637668	641666	645666
30k	Hz	Frequency (MHz)		3565.02	3624.99	3684.99	3565.02	3624.99	3684.99
30	PI/2 BPSK	1	1	11.45	17.21	11.95	11.50	17.50	12.00
30	PI/2 BPSK	1	76	11.79	17.26	11.87	12.00	17.50	12.00
30	PI/2 BPSK	36	18	11.55	17.19	17.32	12.00	17.50	17.50



FCC SAR TEST REPORT

Report No. : FA5N0803-01C

30	PI/2 BPSK	1	0	11.40	17.20	11.96	11.50	17.50	12.00
30	PI/2 BPSK	1	77	11.76	17.26	11.80	12.00	17.50	12.00
30	PI/2 BPSK	75	0	11.59	17.25	11.94	12.00	17.50	12.00
30	QPSK	1	1	13.46	17.24	13.99	13.50	17.50	14.00
30	QPSK	1	76	13.71	17.17	13.91	14.00	17.50	14.00
30	QPSK	36	18	13.48	17.22	17.23	13.50	17.50	17.50
30	QPSK	1	0	13.37	17.17	13.97	13.50	17.50	14.00
30	QPSK	1	77	13.73	17.19	13.85	14.00	17.50	14.00
30	QPSK	75	0	13.67	17.17	13.95	14.00	17.50	14.00
30	16QAM	1	1	12.96	17.17	13.51	13.00	17.50	14.00
30	64QAM	1	1	12.93	17.26	13.64	13.00	17.50	14.00
30	256QAM	1	1	12.73	15.97	13.27	13.00	16.00	13.50
Sub carrier spacing		Channel		637334	641666	646000	637334	641666	646000
30k	Hz	Frequency (MHz)		3560.01	3624.99	3690	3560.01	3624.99	3690
20	PI/2 BPSK	1	1	17.14	17.20	17.34	17.50	17.50	17.50
20	PI/2 BPSK	1	49	17.15	17.17	17.26	17.50	17.50	17.50
20	PI/2 BPSK	25	12	17.09	17.17	17.20	17.50	17.50	17.50
20	PI/2 BPSK	1	0	17.09	17.27	17.18	17.50	17.50	17.50
20	PI/2 BPSK	1	50	17.07	17.20	17.26	17.50	17.50	17.50
20	PI/2 BPSK	50	0	17.32	17.19	17.27	17.50	17.50	17.50
20	QPSK	1	1	17.19	17.23	17.25	17.50	17.50	17.50
20	QPSK	1	49	17.24	17.17	17.24	17.50	17.50	17.50
20	QPSK	25	12	17.21	17.21	17.18	17.50	17.50	17.50
20	QPSK	1	0	17.19	17.25	17.25	17.50	17.50	17.50
20	QPSK	1	50	17.17	17.17	17.27	17.50	17.50	17.50
20	QPSK	50	0	17.31	17.18	17.22	17.50	17.50	17.50
20	16QAM	1	1	16.25	17.23	17.19	16.50	17.50	17.50
20	64QAM	1	1	16.32	17.25	17.21	16.50	17.50	17.50
20	256QAM	1	1	15.56	16.08	15.81	16.00	16.50	16.00
Sub carrier spacing		Channel		637168	641666	646166	637168	641666	646166
30k	Hz	Frequency (MHz)		3557.52	3624.99	3692.49	3557.52	3624.99	3692.49
15	PI/2 BPSK	1	1	17.31	17.26	17.25	17.50	17.50	17.50
15	PI/2 BPSK	1	36	17.26	17.21	17.21	17.50	17.50	17.50
15	PI/2 BPSK	18	9	17.19	17.24	17.22	17.50	17.50	17.50
15	PI/2 BPSK	1	0	17.27	17.27	17.22	17.50	17.50	17.50
15	PI/2 BPSK	1	37	17.24	17.23	17.23	17.50	17.50	17.50
15	PI/2 BPSK	36	0	17.23	17.25	17.27	17.50	17.50	17.50
15	QPSK	1	1	17.25	17.22	17.24	17.50	17.50	17.50
15	QPSK	1	36	17.25	17.17	17.22	17.50	17.50	17.50
15	QPSK	18	9	17.22	17.21	17.20	17.50	17.50	17.50
15	QPSK	1	0	17.23	17.25	17.25	17.50	17.50	17.50
15	QPSK	1	37	17.26	17.17	17.21	17.50	17.50	17.50
15	QPSK	36	0	17.23	17.19	17.26	17.50	17.50	17.50
15	16QAM	1	1	16.24	17.20	17.25	16.50	17.50	17.50
15	64QAM	1	1	16.32	17.27	17.20	16.50	17.50	17.50
15	256QAM	1	1	15.55	16.11	15.96	16.00	16.50	16.00
Sub carrier spacing		Channel		637000	641666	646332	637000	641666	646332
30k	Hz	Frequency (MHz)		3555	3624.99	3694.98	3555	3624.99	3694.98
10	PI/2 BPSK	1	1	17.22	17.18	17.26	17.50	17.50	17.50
10	PI/2 BPSK	1	22	17.23	17.23	17.20	17.50	17.50	17.50
10	PI/2 BPSK	12	6	17.22	17.23	17.20	17.50	17.50	17.50
10	PI/2 BPSK	1	0	17.25	17.18	17.22	17.50	17.50	17.50
10	PI/2 BPSK	1	23	17.18	17.24	17.25	17.50	17.50	17.50
10	PI/2 BPSK	24	0	17.21	17.23	17.21	17.50	17.50	17.50
10	QPSK	1	1	17.23	17.22	17.24	17.50	17.50	17.50
10	QPSK	1	22	17.18	17.19	17.27	17.50	17.50	17.50

10	QPSK	12	6	17.22	17.21	17.23	17.50	17.50	17.50
10	QPSK	1	0	17.17	17.24	17.27	17.50	17.50	17.50
10	QPSK	1	23	17.17	17.19	17.26	17.50	17.50	17.50
10	QPSK	24	0	17.21	17.22	17.22	17.50	17.50	17.50
10	16QAM	1	1	17.19	17.22	17.19	17.50	17.50	17.50
10	64QAM	1	1	17.23	17.24	17.27	17.50	17.50	17.50
10	256QAM	1	1	15.52	16.08	16.01	16.00	16.50	16.50

<FR1 n48_Ant 5_ECI 2>							Tune-up Limit		
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.
Sub carrier spacing		Channel		638000	641666	645332	638000	641666	645332
30k	Hz	Frequency (MHz)		3570	3624.99	3679.98	3570	3624.99	3679.98
40	PI/2 BPSK	1	1	11.23	17.99	11.33	11.50	19.10	11.50
40	PI/2 BPSK	1	104	11.63	17.94	11.42	12.00	19.10	11.50
40	PI/2 BPSK	50	25	11.47	18.05	11.53	11.50	19.10	12.00
40	PI/2 BPSK	1	0	11.30	17.90	11.52	11.50	19.10	12.00
40	PI/2 BPSK	1	105	11.48	17.93	11.50	11.50	19.10	11.50
40	PI/2 BPSK	100	0	11.41	18.08	11.67	11.50	19.10	12.00
40	QPSK	1	1	13.40	17.91	13.45	13.50	19.10	13.50
40	QPSK	1	104	13.57	17.89	13.49	14.00	19.10	13.50
40	QPSK	50	25	13.52	17.91	13.57	14.00	19.10	14.00
40	QPSK	1	0	13.37	17.89	13.44	13.50	19.10	13.50
40	QPSK	1	105	13.57	17.96	13.65	14.00	19.10	14.00
40	QPSK	100	0	13.45	17.95	13.56	13.50	19.10	14.00
40	16QAM	1	1	13.05	17.95	12.98	13.50	19.10	13.00
40	64QAM	1	1	12.84	17.91	13.08	13.00	19.10	13.50
40	256QAM	1	1	12.74	17.90	12.75	13.00	18.50	13.00
Sub carrier spacing		Channel		637668	641666	645666	637668	641666	645666
30k	Hz	Frequency (MHz)		3565.02	3624.99	3684.99	3565.02	3624.99	3684.99
30	PI/2 BPSK	1	1	11.34	17.93	11.58	11.50	19.10	12.00
30	PI/2 BPSK	1	76	11.43	17.98	11.57	11.50	19.10	12.00
30	PI/2 BPSK	36	18	11.29	17.91	18.09	11.50	19.10	19.10
30	PI/2 BPSK	1	0	11.33	17.94	11.56	11.50	19.10	12.00
30	PI/2 BPSK	1	77	11.42	17.98	11.53	11.50	19.10	12.00
30	PI/2 BPSK	75	0	11.54	17.99	11.69	12.00	19.10	12.00
30	QPSK	1	1	13.39	17.99	13.73	13.50	19.10	14.00
30	QPSK	1	76	13.54	17.97	13.65	14.00	19.10	14.00
30	QPSK	36	18	13.30	17.91	17.97	13.50	19.10	19.10
30	QPSK	1	0	13.34	17.89	13.63	13.50	19.10	14.00
30	QPSK	1	77	13.53	17.90	13.65	14.00	19.10	14.00
30	QPSK	75	0	13.45	17.93	13.69	13.50	19.10	14.00
30	16QAM	1	1	12.87	17.98	13.23	13.00	19.10	13.50
30	64QAM	1	1	12.91	17.89	13.19	13.00	19.10	13.50
30	256QAM	1	1	12.52	17.89	12.96	13.00	18.50	13.00
Sub carrier spacing		Channel		637334	641666	646000	637334	641666	646000
30k	Hz	Frequency (MHz)		3560.01	3624.99	3690	3560.01	3624.99	3690
20	PI/2 BPSK	1	1	17.90	17.92	18.10	19.10	19.10	19.10
20	PI/2 BPSK	1	49	18.18	17.96	17.97	19.10	19.10	19.10
20	PI/2 BPSK	25	12	18.12	17.97	17.92	19.10	19.10	19.10
20	PI/2 BPSK	1	0	17.91	17.95	17.99	19.10	19.10	19.10
20	PI/2 BPSK	1	50	17.98	17.91	17.99	19.10	19.10	19.10
20	PI/2 BPSK	50	0	17.96	17.93	17.96	19.10	19.10	19.10
20	QPSK	1	1	17.96	17.89	17.95	19.10	19.10	19.10
20	QPSK	1	49	17.94	17.96	17.95	19.10	19.10	19.10
20	QPSK	25	12	17.90	17.89	17.89	19.10	19.10	19.10

20	QPSK	1	0	17.92	17.89	17.94	19.10	19.10	19.10
20	QPSK	1	50	17.91	17.92	17.97	19.10	19.10	19.10
20	QPSK	50	0	17.96	17.96	17.98	19.10	19.10	19.10
20	16QAM	1	1	17.98	17.94	17.93	19.10	19.10	19.10
20	64QAM	1	1	17.94	17.94	17.96	19.10	19.10	19.10
20	256QAM	1	1	17.91	17.95	17.90	18.50	18.50	18.50
Sub carrier spacing		Channel		637168	641666	646166	637168	641666	646166
30k	Hz	Frequency (MHz)		3557.52	3624.99	3692.49	3557.52	3624.99	3692.49
15	PI/2 BPSK	1	1	17.98	17.90	17.91	19.10	19.10	19.10
15	PI/2 BPSK	1	36	17.89	17.91	17.99	19.10	19.10	19.10
15	PI/2 BPSK	18	9	17.96	17.95	17.95	19.10	19.10	19.10
15	PI/2 BPSK	1	0	17.92	17.90	17.98	19.10	19.10	19.10
15	PI/2 BPSK	1	37	17.97	17.98	17.94	19.10	19.10	19.10
15	PI/2 BPSK	36	0	17.92	17.89	17.89	19.10	19.10	19.10
15	QPSK	1	1	17.99	17.97	17.94	19.10	19.10	19.10
15	QPSK	1	36	17.98	17.98	17.93	19.10	19.10	19.10
15	QPSK	18	9	17.95	17.90	17.95	19.10	19.10	19.10
15	QPSK	1	0	17.94	17.95	17.93	19.10	19.10	19.10
15	QPSK	1	37	17.99	17.90	17.90	19.10	19.10	19.10
15	QPSK	36	0	17.91	17.93	17.97	19.10	19.10	19.10
15	16QAM	1	1	17.92	17.99	17.89	19.10	19.10	19.10
15	64QAM	1	1	17.95	17.96	17.97	19.10	19.10	19.10
15	256QAM	1	1	17.92	17.93	17.90	18.50	18.50	18.50
Sub carrier spacing		Channel		637000	641666	646332	637000	641666	646332
30k	Hz	Frequency (MHz)		3555	3624.99	3694.98	3555	3624.99	3694.98
10	PI/2 BPSK	1	1	17.99	17.97	17.89	19.10	19.10	19.10
10	PI/2 BPSK	1	22	17.98	17.91	17.91	19.10	19.10	19.10
10	PI/2 BPSK	12	6	17.93	17.98	17.94	19.10	19.10	19.10
10	PI/2 BPSK	1	0	17.96	17.94	17.95	19.10	19.10	19.10
10	PI/2 BPSK	1	23	17.91	17.98	17.90	19.10	19.10	19.10
10	PI/2 BPSK	24	0	17.93	17.95	17.93	19.10	19.10	19.10
10	QPSK	1	1	17.98	17.90	17.90	19.10	19.10	19.10
10	QPSK	1	22	17.97	17.90	17.93	19.10	19.10	19.10
10	QPSK	12	6	17.95	17.96	17.97	19.10	19.10	19.10
10	QPSK	1	0	17.95	17.89	17.96	19.10	19.10	19.10
10	QPSK	1	23	17.96	17.90	17.92	19.10	19.10	19.10
10	QPSK	24	0	17.91	17.91	17.91	19.10	19.10	19.10
10	16QAM	1	1	17.98	17.95	17.94	19.10	19.10	19.10
10	64QAM	1	1	17.93	17.98	17.98	19.10	19.10	19.10
10	256QAM	1	1	17.96	17.96	17.95	18.50	18.50	18.50

<FR1 n48_Ant 5_ECI 3>							Tune-up Limit		
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.
Sub carrier spacing		Channel		638000	641666	645332	638000	641666	645332
30k	Hz	Frequency (MHz)		3570	3624.99	3679.98	3570	3624.99	3679.98
40	PI/2 BPSK	1	1	11.23	17.99	11.33	11.50	18.40	11.50
40	PI/2 BPSK	1	104	11.63	17.94	11.42	12.00	18.40	11.50
40	PI/2 BPSK	50	25	11.47	18.05	11.53	11.50	18.40	12.00
40	PI/2 BPSK	1	0	11.30	17.90	11.52	11.50	18.40	12.00
40	PI/2 BPSK	1	105	11.48	17.93	11.50	11.50	18.40	11.50
40	PI/2 BPSK	100	0	11.41	18.08	11.67	11.50	18.40	12.00
40	QPSK	1	1	13.40	17.91	13.45	13.50	18.40	13.50
40	QPSK	1	104	13.57	17.89	13.49	14.00	18.40	13.50
40	QPSK	50	25	13.52	17.91	13.57	14.00	18.40	14.00



FCC SAR TEST REPORT

Report No. : FA5N0803-01C

40	QPSK	1	0	13.37	17.89	13.44	13.50	18.40	13.50
40	QPSK	1	105	13.57	17.96	13.65	14.00	18.40	14.00
40	QPSK	100	0	13.45	17.95	13.56	13.50	18.40	14.00
40	16QAM	1	1	13.05	17.95	12.98	13.50	18.40	13.00
40	64QAM	1	1	12.84	17.91	13.08	13.00	18.40	13.50
40	256QAM	1	1	12.74	17.90	12.75	13.00	18.40	13.00
Sub carrier spacing		Channel		637668	641666	645666	637668	641666	645666
30k	Hz	Frequency (MHz)		3565.02	3624.99	3684.99	3565.02	3624.99	3684.99
30	PI/2 BPSK	1	1	11.34	17.93	11.58	11.50	18.40	12.00
30	PI/2 BPSK	1	76	11.43	17.98	11.57	11.50	18.40	12.00
30	PI/2 BPSK	36	18	11.29	17.91	18.09	11.50	18.40	18.40
30	PI/2 BPSK	1	0	11.33	17.94	11.56	11.50	18.40	12.00
30	PI/2 BPSK	1	77	11.42	17.98	11.53	11.50	18.40	12.00
30	PI/2 BPSK	75	0	11.54	17.99	11.69	12.00	18.40	12.00
30	QPSK	1	1	13.39	17.99	13.73	13.50	18.40	14.00
30	QPSK	1	76	13.54	17.97	13.65	14.00	18.40	14.00
30	QPSK	36	18	13.30	17.91	17.97	13.50	18.40	18.40
30	QPSK	1	0	13.34	17.89	13.63	13.50	18.40	14.00
30	QPSK	1	77	13.53	17.90	13.65	14.00	18.40	14.00
30	QPSK	75	0	13.45	17.93	13.69	13.50	18.40	14.00
30	16QAM	1	1	12.87	17.98	13.23	13.00	18.40	13.50
30	64QAM	1	1	12.91	17.89	13.19	13.00	18.40	13.50
30	256QAM	1	1	12.52	17.89	12.96	13.00	18.40	13.00
Sub carrier spacing		Channel		637334	641666	646000	637334	641666	646000
30k	Hz	Frequency (MHz)		3560.01	3624.99	3690	3560.01	3624.99	3690
20	PI/2 BPSK	1	1	17.90	17.92	18.10	18.40	18.40	18.40
20	PI/2 BPSK	1	49	18.18	17.96	17.97	18.40	18.40	18.40
20	PI/2 BPSK	25	12	18.12	17.97	17.92	18.40	18.40	18.40
20	PI/2 BPSK	1	0	17.91	17.95	17.99	18.40	18.40	18.40
20	PI/2 BPSK	1	50	17.98	17.91	17.99	18.40	18.40	18.40
20	PI/2 BPSK	50	0	17.96	17.93	17.96	18.40	18.40	18.40
20	QPSK	1	1	17.96	17.89	17.95	18.40	18.40	18.40
20	QPSK	1	49	17.94	17.96	17.95	18.40	18.40	18.40
20	QPSK	25	12	17.90	17.89	17.89	18.40	18.40	18.40
20	QPSK	1	0	17.92	17.89	17.94	18.40	18.40	18.40
20	QPSK	1	50	17.91	17.92	17.97	18.40	18.40	18.40
20	QPSK	50	0	17.96	17.96	17.98	18.40	18.40	18.40
20	16QAM	1	1	17.98	17.94	17.93	18.40	18.40	18.40
20	64QAM	1	1	17.94	17.94	17.96	18.40	18.40	18.40
20	256QAM	1	1	17.91	17.95	17.90	18.40	18.40	18.40
Sub carrier spacing		Channel		637168	641666	646166	637168	641666	646166
30k	Hz	Frequency (MHz)		3557.52	3624.99	3692.49	3557.52	3624.99	3692.49
15	PI/2 BPSK	1	1	17.98	17.90	17.91	18.40	18.40	18.40
15	PI/2 BPSK	1	36	17.89	17.91	17.99	18.40	18.40	18.40
15	PI/2 BPSK	18	9	17.96	17.95	17.95	18.40	18.40	18.40
15	PI/2 BPSK	1	0	17.92	17.90	17.98	18.40	18.40	18.40
15	PI/2 BPSK	1	37	17.97	17.98	17.94	18.40	18.40	18.40
15	PI/2 BPSK	36	0	17.92	17.89	17.89	18.40	18.40	18.40
15	QPSK	1	1	17.99	17.97	17.94	18.40	18.40	18.40
15	QPSK	1	36	17.98	17.98	17.93	18.40	18.40	18.40
15	QPSK	18	9	17.95	17.90	17.95	18.40	18.40	18.40
15	QPSK	1	0	17.94	17.95	17.93	18.40	18.40	18.40
15	QPSK	1	37	17.99	17.90	17.90	18.40	18.40	18.40
15	QPSK	36	0	17.91	17.93	17.97	18.40	18.40	18.40
15	16QAM	1	1	17.92	17.99	17.89	18.40	18.40	18.40
15	64QAM	1	1	17.95	17.96	17.97	18.40	18.40	18.40

15	256QAM	1	1	17.92	17.93	17.90	18.40	18.40	18.40
Sub carrier spacing		Channel		637000	641666	646332	637000	641666	646332
30k	Hz	Frequency (MHz)		3555	3624.99	3694.98	3555	3624.99	3694.98
10	PI/2 BPSK	1	1	17.99	17.97	17.89	18.40	18.40	18.40
10	PI/2 BPSK	1	22	17.98	17.91	17.91	18.40	18.40	18.40
10	PI/2 BPSK	12	6	17.93	17.98	17.94	18.40	18.40	18.40
10	PI/2 BPSK	1	0	17.96	17.94	17.95	18.40	18.40	18.40
10	PI/2 BPSK	1	23	17.91	17.98	17.90	18.40	18.40	18.40
10	PI/2 BPSK	24	0	17.93	17.95	17.93	18.40	18.40	18.40
10	QPSK	1	1	17.98	17.90	17.90	18.40	18.40	18.40
10	QPSK	1	22	17.97	17.90	17.93	18.40	18.40	18.40
10	QPSK	12	6	17.95	17.96	17.97	18.40	18.40	18.40
10	QPSK	1	0	17.95	17.89	17.96	18.40	18.40	18.40
10	QPSK	1	23	17.96	17.90	17.92	18.40	18.40	18.40
10	QPSK	24	0	17.91	17.91	17.91	18.40	18.40	18.40
10	16QAM	1	1	17.98	17.95	17.94	18.40	18.40	18.40
10	64QAM	1	1	17.93	17.98	17.98	18.40	18.40	18.40
10	256QAM	1	1	17.96	17.96	17.95	18.40	18.40	18.40

<FR1 n48_Ant 5_ECI 4>							Tune-up Limit		
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.
Sub carrier spacing		Channel		638000	641666	645332	638000	641666	645332
30k	Hz	Frequency (MHz)		3570	3624.99	3679.98	3570	3624.99	3679.98
40	PI/2 BPSK	1	1	11.23	18.99	11.33	11.50	20.00	11.50
40	PI/2 BPSK	1	104	11.63	18.93	11.42	12.00	20.00	11.50
40	PI/2 BPSK	50	25	11.47	19.05	11.53	11.50	20.10	12.00
40	PI/2 BPSK	1	0	11.30	18.91	11.52	11.50	20.00	12.00
40	PI/2 BPSK	1	105	11.48	18.96	11.50	11.50	20.00	11.50
40	PI/2 BPSK	100	0	11.41	19.08	11.67	11.50	19.50	12.00
40	QPSK	1	1	13.40	18.91	13.45	13.50	20.00	13.50
40	QPSK	1	104	13.57	18.91	13.49	14.00	20.00	13.50
40	QPSK	50	25	13.52	18.94	13.57	14.00	20.10	14.00
40	QPSK	1	0	13.37	18.99	13.44	13.50	20.00	13.50
40	QPSK	1	105	13.57	18.97	13.65	14.00	20.00	14.00
40	QPSK	100	0	13.45	18.99	13.56	13.50	19.50	14.00
40	16QAM	1	1	13.05	18.98	12.98	13.50	20.00	13.00
40	64QAM	1	1	12.84	18.95	13.08	13.00	20.00	13.50
40	256QAM	1	1	12.74	18.31	12.75	13.00	18.50	13.00
Sub carrier spacing		Channel		637668	641666	645666	637668	641666	645666
30k	Hz	Frequency (MHz)		3565.02	3624.99	3684.99	3565.02	3624.99	3684.99
30	PI/2 BPSK	1	1	11.34	18.96	11.58	11.50	20.00	12.00
30	PI/2 BPSK	1	76	11.43	18.96	11.57	11.50	20.10	12.00
30	PI/2 BPSK	36	18	11.29	18.94	19.07	11.50	20.10	20.10
30	PI/2 BPSK	1	0	11.33	18.97	11.56	11.50	20.00	12.00
30	PI/2 BPSK	1	77	11.42	18.89	11.53	11.50	20.00	12.00
30	PI/2 BPSK	75	0	11.54	18.90	11.69	12.00	20.00	12.00
30	QPSK	1	1	13.39	18.97	13.73	13.50	20.00	14.00
30	QPSK	1	76	13.54	18.95	13.65	14.00	20.00	14.00
30	QPSK	36	18	13.30	18.97	18.98	13.50	20.10	20.10
30	QPSK	1	0	13.34	18.99	13.63	13.50	20.10	14.00
30	QPSK	1	77	13.53	18.89	13.65	14.00	20.00	14.00
30	QPSK	75	0	13.45	18.90	13.69	13.50	20.00	14.00
30	16QAM	1	1	12.87	18.90	13.23	13.00	20.00	13.50
30	64QAM	1	1	12.91	18.95	13.19	13.00	20.00	13.50
30	256QAM	1	1	12.52	18.21	12.96	13.00	18.50	13.00

Sub carrier spacing		Channel		637334	641666	646000	637334	641666	646000
30k	Hz	Frequency (MHz)		3560.01	3624.99	3690	3560.01	3624.99	3690
20	PI/2 BPSK	1	1	18.89	18.91	19.10	20.00	20.10	20.10
20	PI/2 BPSK	1	49	19.18	18.89	18.98	20.10	20.10	20.00
20	PI/2 BPSK	25	12	19.12	18.96	18.95	20.10	20.10	20.10
20	PI/2 BPSK	1	0	18.91	18.91	18.96	20.00	20.10	20.10
20	PI/2 BPSK	1	50	18.94	18.96	18.97	20.10	20.10	20.00
20	PI/2 BPSK	50	0	18.90	18.94	18.99	20.00	20.10	20.00
20	QPSK	1	1	18.93	18.96	18.94	20.00	20.10	20.10
20	QPSK	1	49	18.91	18.99	18.89	20.10	20.10	20.00
20	QPSK	25	12	18.93	18.91	18.93	20.10	20.10	20.10
20	QPSK	1	0	18.93	18.99	18.94	20.00	20.10	20.10
20	QPSK	1	50	18.98	18.94	18.90	20.10	20.10	20.10
20	QPSK	50	0	18.96	18.96	18.94	20.00	20.10	20.10
20	16QAM	1	1	19.08	18.93	18.91	19.50	20.10	20.10
20	64QAM	1	1	19.07	18.90	18.97	19.50	20.10	20.10
20	256QAM	1	1	18.20	18.31	18.33	18.50	18.50	18.50
Sub carrier spacing		Channel		637168	641666	646166	637168	641666	646166
30k	Hz	Frequency (MHz)		3557.52	3624.99	3692.49	3557.52	3624.99	3692.49
15	PI/2 BPSK	1	1	18.95	18.94	18.91	20.00	20.10	20.10
15	PI/2 BPSK	1	36	18.93	18.89	18.98	20.10	20.10	20.00
15	PI/2 BPSK	18	9	18.89	18.90	18.97	20.10	20.10	20.10
15	PI/2 BPSK	1	0	18.92	18.96	18.91	20.00	20.10	20.10
15	PI/2 BPSK	1	37	18.94	18.97	18.92	20.10	20.10	20.00
15	PI/2 BPSK	36	0	18.94	18.92	18.96	20.00	20.10	20.00
15	QPSK	1	1	18.93	18.91	18.97	20.00	20.10	20.10
15	QPSK	1	36	18.97	18.93	18.94	20.10	20.10	20.00
15	QPSK	18	9	18.99	18.96	18.92	20.10	20.10	20.10
15	QPSK	1	0	18.90	18.97	18.89	20.00	20.10	20.10
15	QPSK	1	37	18.99	18.92	18.91	20.10	20.10	20.10
15	QPSK	36	0	18.95	18.98	18.93	20.00	20.10	20.10
15	16QAM	1	1	19.03	18.98	18.93	19.50	20.10	20.10
15	64QAM	1	1	19.04	18.97	18.94	19.50	20.10	20.10
15	256QAM	1	1	18.14	18.35	18.33	18.50	18.50	18.50
Sub carrier spacing		Channel		637000	641666	646332	637000	641666	646332
30k	Hz	Frequency (MHz)		3555	3624.99	3694.98	3555	3624.99	3694.98
10	PI/2 BPSK	1	1	18.99	18.97	18.96	20.10	20.10	20.10
10	PI/2 BPSK	1	22	18.90	18.91	18.96	20.10	20.10	20.10
10	PI/2 BPSK	12	6	18.96	18.91	18.99	20.10	20.10	20.10
10	PI/2 BPSK	1	0	18.98	18.91	18.95	20.10	20.10	20.10
10	PI/2 BPSK	1	23	18.98	18.93	18.92	20.10	20.10	20.10
10	PI/2 BPSK	24	0	18.89	18.97	18.99	20.10	20.10	20.10
10	QPSK	1	1	18.99	18.95	18.95	20.10	20.10	20.10
10	QPSK	1	22	18.89	18.94	18.93	20.10	20.10	20.10
10	QPSK	12	6	18.96	18.95	18.92	20.10	20.10	20.10
10	QPSK	1	0	18.89	18.98	18.99	20.10	20.10	20.10
10	QPSK	1	23	18.94	18.99	18.98	20.10	20.10	20.10
10	QPSK	24	0	18.95	18.89	18.89	20.10	20.10	20.10
10	16QAM	1	1	18.94	18.94	18.92	20.10	20.10	20.10
10	64QAM	1	1	18.96	18.94	18.95	20.10	20.10	20.10
10	256QAM	1	1	18.22	18.36	18.44	18.50	18.50	18.50

<FR1 n48_Ant 5_ECI 5 / 6>							Tune-up Limit		
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.
Sub carrier spacing		Channel		638000	641666	645332	638000	641666	645332



FCC SAR TEST REPORT

Report No. : FA5N0803-01C

30k	Hz	Frequency (MHz)		3570	3624.99	3679.98	3570	3624.99	3679.98
40	PI/2 BPSK	1	1	11.23	18.99	11.33	11.50	19.40	11.50
40	PI/2 BPSK	1	104	11.63	18.93	11.42	12.00	19.40	11.50
40	PI/2 BPSK	50	25	11.47	19.05	11.53	11.50	19.40	12.00
40	PI/2 BPSK	1	0	11.30	18.91	11.52	11.50	19.40	12.00
40	PI/2 BPSK	1	105	11.48	18.96	11.50	11.50	19.40	11.50
40	PI/2 BPSK	100	0	11.41	19.08	11.67	11.50	19.40	12.00
40	QPSK	1	1	13.40	18.91	13.45	13.50	19.40	13.50
40	QPSK	1	104	13.57	18.91	13.49	14.00	19.40	13.50
40	QPSK	50	25	13.52	18.94	13.57	14.00	19.40	14.00
40	QPSK	1	0	13.37	18.99	13.44	13.50	19.40	13.50
40	QPSK	1	105	13.57	18.97	13.65	14.00	19.40	14.00
40	QPSK	100	0	13.45	18.99	13.56	13.50	19.40	14.00
40	16QAM	1	1	13.05	18.98	12.98	13.50	19.40	13.00
40	64QAM	1	1	12.84	18.95	13.08	13.00	19.40	13.50
40	256QAM	1	1	12.74	18.31	12.75	13.00	18.50	13.00
Sub carrier spacing		Channel		637668	641666	645666	637668	641666	645666
30k	Hz	Frequency (MHz)		3565.02	3624.99	3684.99	3565.02	3624.99	3684.99
30	PI/2 BPSK	1	1	11.34	18.96	11.58	11.50	19.40	12.00
30	PI/2 BPSK	1	76	11.43	18.96	11.57	11.50	19.40	12.00
30	PI/2 BPSK	36	18	11.29	18.94	19.07	11.50	19.40	19.40
30	PI/2 BPSK	1	0	11.33	18.97	11.56	11.50	19.40	12.00
30	PI/2 BPSK	1	77	11.42	18.89	11.53	11.50	19.40	12.00
30	PI/2 BPSK	75	0	11.54	18.90	11.69	12.00	19.40	12.00
30	QPSK	1	1	13.39	18.97	13.73	13.50	19.40	14.00
30	QPSK	1	76	13.54	18.95	13.65	14.00	19.40	14.00
30	QPSK	36	18	13.30	18.97	18.98	13.50	19.40	19.40
30	QPSK	1	0	13.34	18.99	13.63	13.50	19.40	14.00
30	QPSK	1	77	13.53	18.89	13.65	14.00	19.40	14.00
30	QPSK	75	0	13.45	18.90	13.69	13.50	19.40	14.00
30	16QAM	1	1	12.87	18.90	13.23	13.00	19.40	13.50
30	64QAM	1	1	12.91	18.95	13.19	13.00	19.40	13.50
30	256QAM	1	1	12.52	18.21	12.96	13.00	18.50	13.00
Sub carrier spacing		Channel		637334	641666	646000	637334	641666	646000
30k	Hz	Frequency (MHz)		3560.01	3624.99	3690	3560.01	3624.99	3690
20	PI/2 BPSK	1	1	18.89	18.91	19.10	19.40	19.40	19.40
20	PI/2 BPSK	1	49	19.18	18.89	18.98	19.40	19.40	19.40
20	PI/2 BPSK	25	12	19.12	18.96	18.95	19.40	19.40	19.40
20	PI/2 BPSK	1	0	18.91	18.91	18.96	19.40	19.40	19.40
20	PI/2 BPSK	1	50	18.94	18.96	18.97	19.40	19.40	19.40
20	PI/2 BPSK	50	0	18.90	18.94	18.99	19.40	19.40	19.40
20	QPSK	1	1	18.93	18.96	18.94	19.40	19.40	19.40
20	QPSK	1	49	18.91	18.99	18.89	19.40	19.40	19.40
20	QPSK	25	12	18.93	18.91	18.93	19.40	19.40	19.40
20	QPSK	1	0	18.93	18.99	18.94	19.40	19.40	19.40
20	QPSK	1	50	18.98	18.94	18.90	19.40	19.40	19.40
20	QPSK	50	0	18.96	18.96	18.94	19.40	19.40	19.40
20	16QAM	1	1	19.08	18.93	18.91	19.40	19.40	19.40
20	64QAM	1	1	19.07	18.90	18.97	19.40	19.40	19.40
20	256QAM	1	1	18.20	18.31	18.33	18.50	18.50	18.50
Sub carrier spacing		Channel		637168	641666	646166	637168	641666	646166
30k	Hz	Frequency (MHz)		3557.52	3624.99	3692.49	3557.52	3624.99	3692.49
15	PI/2 BPSK	1	1	18.95	18.94	18.91	19.40	19.40	19.40
15	PI/2 BPSK	1	36	18.93	18.89	18.98	19.40	19.40	19.40
15	PI/2 BPSK	18	9	18.89	18.90	18.97	19.40	19.40	19.40
15	PI/2 BPSK	1	0	18.92	18.96	18.91	19.40	19.40	19.40



FCC SAR TEST REPORT

Report No. : FA5N0803-01C

15	PI/2 BPSK	1	37	18.94	18.97	18.92	19.40	19.40	19.40
15	PI/2 BPSK	36	0	18.94	18.92	18.96	19.40	19.40	19.40
15	QPSK	1	1	18.93	18.91	18.97	19.40	19.40	19.40
15	QPSK	1	36	18.97	18.93	18.94	19.40	19.40	19.40
15	QPSK	18	9	18.99	18.96	18.92	19.40	19.40	19.40
15	QPSK	1	0	18.90	18.97	18.89	19.40	19.40	19.40
15	QPSK	1	37	18.99	18.92	18.91	19.40	19.40	19.40
15	QPSK	36	0	18.95	18.98	18.93	19.40	19.40	19.40
15	16QAM	1	1	19.03	18.98	18.93	19.40	19.40	19.40
15	64QAM	1	1	19.04	18.97	18.94	19.40	19.40	19.40
15	256QAM	1	1	18.14	18.35	18.33	18.50	18.50	18.50
Sub carrier spacing		Channel		637000	641666	646332	637000	641666	646332
30k	Hz	Frequency (MHz)		3555	3624.99	3694.98	3555	3624.99	3694.98
10	PI/2 BPSK	1	1	18.99	18.97	18.96	19.40	19.40	19.40
10	PI/2 BPSK	1	22	18.90	18.91	18.96	19.40	19.40	19.40
10	PI/2 BPSK	12	6	18.96	18.91	18.99	19.40	19.40	19.40
10	PI/2 BPSK	1	0	18.98	18.91	18.95	19.40	19.40	19.40
10	PI/2 BPSK	1	23	18.98	18.93	18.92	19.40	19.40	19.40
10	PI/2 BPSK	24	0	18.89	18.97	18.99	19.40	19.40	19.40
10	QPSK	1	1	18.99	18.95	18.95	19.40	19.40	19.40
10	QPSK	1	22	18.89	18.94	18.93	19.40	19.40	19.40
10	QPSK	12	6	18.96	18.95	18.92	19.40	19.40	19.40
10	QPSK	1	0	18.89	18.98	18.99	19.40	19.40	19.40
10	QPSK	1	23	18.94	18.99	18.98	19.40	19.40	19.40
10	QPSK	24	0	18.95	18.89	18.89	19.40	19.40	19.40
10	16QAM	1	1	18.94	18.94	18.92	19.40	19.40	19.40
10	64QAM	1	1	18.96	18.94	18.95	19.40	19.40	19.40
10	256QAM	1	1	18.22	18.36	18.44	18.50	18.50	18.50

【FR1 n66_Ant 0_ECI 2】

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	23.73	23.83	23.89	24.90
45	PI/2 BPSK	1	120	23.95	24.00	23.91	24.90
45	PI/2 BPSK	1	240	23.79	23.83	23.74	24.90
45	PI/2 BPSK	120	0	23.34	23.41	23.37	24.40
45	PI/2 BPSK	120	60	23.95	24.00	23.96	24.90
45	PI/2 BPSK	120	120	23.42	23.34	23.33	24.40
45	PI/2 BPSK	240	0	23.37	23.37	23.30	24.40
45	QPSK	1	1	23.66	23.82	23.85	24.90
45	QPSK	1	120	23.94	23.97	23.92	24.90
45	QPSK	1	240	23.75	23.83	23.73	24.90
45	QPSK	120	0	22.85	22.94	22.87	23.90
45	QPSK	120	60	23.94	24.01	24.02	24.90
45	QPSK	120	120	22.93	22.84	22.80	23.90
45	QPSK	240	0	22.85	22.88	22.82	23.90
45	16QAM	1	1	22.93	22.95	22.95	23.90
45	64QAM	1	1	21.33	21.42	21.48	22.40
45	256QAM	1	1	19.37	19.37	19.32	20.40
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	23.71	23.79	23.79	24.90
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	23.71	23.83	23.81	24.90
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	23.73	23.83	23.85	24.90
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	23.73	23.75	23.82	24.90
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	23.72	23.75	23.85	24.90
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	23.68	23.77	23.82	24.90
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	23.68	23.79	23.80	24.90
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	23.73	23.75	23.85	24.90

【FR1 n66_Ant 0_ECI 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	23.73	23.83	23.89	24.90
45	PI/2 BPSK	1	120	23.95	24.00	23.91	24.90
45	PI/2 BPSK	1	240	23.79	23.83	23.74	24.90
45	PI/2 BPSK	120	0	23.34	23.41	23.37	24.40
45	PI/2 BPSK	120	60	23.95	24.00	23.96	24.90
45	PI/2 BPSK	120	120	23.42	23.34	23.33	24.40
45	PI/2 BPSK	240	0	23.37	23.37	23.30	24.40
45	QPSK	1	1	23.66	23.82	23.85	24.90
45	QPSK	1	120	23.94	23.97	23.92	24.90
45	QPSK	1	240	23.75	23.83	23.73	24.90
45	QPSK	120	0	22.85	22.94	22.87	23.90
45	QPSK	120	60	23.94	24.01	24.02	24.90
45	QPSK	120	120	22.93	22.84	22.80	23.90
45	QPSK	240	0	22.85	22.88	22.82	23.90
45	16QAM	1	1	22.93	22.95	22.95	23.90
45	64QAM	1	1	21.33	21.42	21.48	22.40
45	256QAM	1	1	19.37	19.37	19.32	20.40
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	

40	PI/2 BPSK	1	1	23.71	23.79	23.79	24.90
Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	23.71	23.83	23.81	24.90
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	23.73	23.83	23.85	24.90
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	23.73	23.75	23.82	24.90
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	23.72	23.75	23.85	24.90
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	23.68	23.77	23.82	24.90
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	23.68	23.79	23.80	24.90
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	23.73	23.75	23.85	24.90

【FR1 n66_Ant 0_ECI 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	15.14	15.18	15.30	16.80
45	PI/2 BPSK	1	120	15.37	15.40	15.32	16.80
45	PI/2 BPSK	1	240	15.18	15.16	15.16	16.80
45	PI/2 BPSK	120	0	15.31	15.30	15.19	16.80
45	PI/2 BPSK	120	60	15.34	15.38	15.17	16.80
45	PI/2 BPSK	120	120	15.33	15.20	15.15	16.80
45	PI/2 BPSK	240	0	15.30	15.27	15.10	16.80
45	QPSK	1	1	15.11	15.18	15.22	16.80
45	QPSK	1	120	15.32	15.26	15.18	16.80
45	QPSK	1	240	15.10	14.99	15.00	16.80
45	QPSK	120	0	15.35	15.35	15.19	16.80
45	QPSK	120	60	15.32	15.38	15.25	16.80
45	QPSK	120	120	15.39	15.28	15.12	16.80
45	QPSK	240	0	15.26	15.30	15.15	16.80
45	16QAM	1	1	15.24	15.26	15.26	16.80
45	64QAM	1	1	15.22	15.24	15.23	16.80
45	256QAM	1	1	15.13	15.22	15.18	16.80
Channel				346000	349000	352000	Tune-up limit
Frequency (MHz)				1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	15.00	15.15	15.22	16.80
Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	15.06	15.16	15.16	16.80
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	15.08	15.06	15.21	16.80
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	15.06	15.17	15.26	16.80
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	15.01	15.05	15.18	16.80
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	15.07	15.07	15.27	16.80
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	15.04	15.04	15.24	16.80
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	15.03	15.15	15.16	16.80

【FR1 n66_Ant 0_ECI 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	15.14	15.18	15.30	15.40
45	PI/2 BPSK	1	120	15.37	15.40	15.32	15.40
45	PI/2 BPSK	1	240	15.18	15.16	15.16	15.40
45	PI/2 BPSK	120	0	15.31	15.30	15.19	15.40
45	PI/2 BPSK	120	60	15.34	15.38	15.17	15.40
45	PI/2 BPSK	120	120	15.33	15.20	15.15	15.40
45	PI/2 BPSK	240	0	15.30	15.27	15.10	15.40
45	QPSK	1	1	15.11	15.18	15.22	15.40
45	QPSK	1	120	15.32	15.26	15.18	15.40
45	QPSK	1	240	15.10	14.99	15.00	15.40
45	QPSK	120	0	15.35	15.35	15.19	15.40
45	QPSK	120	60	15.32	15.38	15.25	15.40
45	QPSK	120	120	15.39	15.28	15.12	15.40
45	QPSK	240	0	15.26	15.30	15.15	15.40
45	16QAM	1	1	15.24	15.26	15.26	15.40
45	64QAM	1	1	15.22	15.24	15.23	15.40
45	256QAM	1	1	15.13	15.22	15.18	15.40
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	15.00	15.15	15.22	15.40
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	15.06	15.16	15.16	15.40
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	15.08	15.06	15.21	15.40
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	15.06	15.17	15.26	15.40
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	15.01	15.05	15.18	15.40
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	15.07	15.07	15.27	15.40
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	15.04	15.04	15.24	15.40
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	15.03	15.15	15.16	15.40

【FR1 n66_Ant 0_ECI 6】

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	15.14	15.18	15.30	15.40
45	PI/2 BPSK	1	120	15.37	15.40	15.32	15.40
45	PI/2 BPSK	1	240	15.18	15.16	15.16	15.40
45	PI/2 BPSK	120	0	15.31	15.30	15.19	15.40
45	PI/2 BPSK	120	60	15.34	15.38	15.17	15.40
45	PI/2 BPSK	120	120	15.33	15.20	15.15	15.40
45	PI/2 BPSK	240	0	15.30	15.27	15.10	15.40
45	QPSK	1	1	15.11	15.18	15.22	15.40
45	QPSK	1	120	15.32	15.26	15.18	15.40
45	QPSK	1	240	15.10	14.99	15.00	15.40
45	QPSK	120	0	15.35	15.35	15.19	15.40
45	QPSK	120	60	15.32	15.38	15.25	15.40
45	QPSK	120	120	15.39	15.28	15.12	15.40
45	QPSK	240	0	15.26	15.30	15.15	15.40
45	16QAM	1	1	15.24	15.26	15.26	15.40
45	64QAM	1	1	15.22	15.24	15.23	15.40
45	256QAM	1	1	15.13	15.22	15.18	15.40
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	15.00	15.15	15.22	15.40
Channel				345500	349000	352500	Tune-up limit

	Frequency (MHz)			1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	15.06	15.16	15.16	15.40
	Channel			345000	349000	353000	Tune-up limit
	Frequency (MHz)			1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	15.08	15.06	15.21	15.40
	Channel			344500	349000	353500	Tune-up limit
	Frequency (MHz)			1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	15.06	15.17	15.26	15.40
	Channel			344000	349000	354000	Tune-up limit
	Frequency (MHz)			1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	15.01	15.05	15.18	15.40
	Channel			343500	349000	354500	Tune-up limit
	Frequency (MHz)			1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	15.07	15.07	15.27	15.40
	Channel			343000	349000	355000	Tune-up limit
	Frequency (MHz)			1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	15.04	15.04	15.24	15.40
	Channel			342500	349000	355500	Tune-up limit
	Frequency (MHz)			1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	15.03	15.15	15.16	15.40

【FR1 n66_Ant 1_ECI 2】

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	19.00	19.13	19.17	20.30
45	PI/2 BPSK	1	120	19.15	19.31	19.28	20.30
45	PI/2 BPSK	1	240	19.17	19.19	19.24	20.30
45	PI/2 BPSK	120	0	19.15	19.21	19.23	20.30
45	PI/2 BPSK	120	60	19.19	19.27	19.30	20.30
45	PI/2 BPSK	120	120	19.25	19.32	19.31	20.30
45	PI/2 BPSK	240	0	19.22	19.25	19.26	20.30
45	QPSK	1	1	18.98	19.09	19.18	20.30
45	QPSK	1	120	19.16	19.28	19.29	20.30
45	QPSK	1	240	19.22	19.25	19.27	20.30
45	QPSK	120	0	19.16	19.22	19.27	20.30
45	QPSK	120	60	19.22	19.28	19.33	20.30
45	QPSK	120	120	19.28	19.34	19.32	20.30
45	QPSK	240	0	19.18	19.29	19.29	20.30
45	16QAM	1	1	19.19	19.22	19.28	20.30
45	64QAM	1	1	19.23	19.22	19.28	20.30
45	256QAM	1	1	19.04	19.07	19.13	20.30
	Channel			346000	349000	352000	Tune-up limit
	Frequency (MHz)			1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	18.88	19.02	19.13	20.30
	Channel			345500	349000	352500	Tune-up limit
	Frequency (MHz)			1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	18.86	19.07	19.05	20.30
	Channel			345000	349000	353000	Tune-up limit
	Frequency (MHz)			1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	18.95	19.04	19.06	20.30
	Channel			344500	349000	353500	Tune-up limit
	Frequency (MHz)			1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	18.94	19.11	19.05	20.30
	Channel			344000	349000	354000	Tune-up limit
	Frequency (MHz)			1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	18.89	19.00	19.03	20.30
	Channel			343500	349000	354500	Tune-up limit
	Frequency (MHz)			1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	18.95	19.05	19.14	20.30
	Channel			343000	349000	355000	Tune-up limit
	Frequency (MHz)			1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	18.98	19.01	19.13	20.30
	Channel			342500	349000	355500	Tune-up limit
	Frequency (MHz)			1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	18.98	19.08	19.06	20.30

【FR1 n66_Ant 1_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	19.00	19.13	19.17	19.60
45	PI/2 BPSK	1	120	19.15	19.31	19.28	19.60
45	PI/2 BPSK	1	240	19.17	19.19	19.24	19.60
45	PI/2 BPSK	120	0	19.15	19.21	19.23	19.60
45	PI/2 BPSK	120	60	19.19	19.27	19.30	19.60
45	PI/2 BPSK	120	120	19.25	19.32	19.31	19.60
45	PI/2 BPSK	240	0	19.22	19.25	19.26	19.60
45	QPSK	1	1	18.98	19.09	19.18	19.60
45	QPSK	1	120	19.16	19.28	19.29	19.60
45	QPSK	1	240	19.22	19.25	19.27	19.60
45	QPSK	120	0	19.16	19.22	19.27	19.60
45	QPSK	120	60	19.22	19.28	19.33	19.60
45	QPSK	120	120	19.28	19.34	19.32	19.60
45	QPSK	240	0	19.18	19.29	19.29	19.60
45	16QAM	1	1	19.19	19.22	19.28	19.60
45	64QAM	1	1	19.23	19.22	19.28	19.60
45	256QAM	1	1	19.04	19.07	19.13	19.60
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	18.88	19.02	19.13	19.60
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	18.86	19.07	19.05	19.60
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	18.95	19.04	19.06	19.60
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	18.94	19.11	19.05	19.60
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	18.89	19.00	19.03	19.60
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	18.95	19.05	19.14	19.60
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	18.98	19.01	19.13	19.60
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	18.98	19.08	19.06	19.60

【FR1 n66_Ant 1_ECI 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	21.08	21.18	21.25	22.40
45	PI/2 BPSK	1	120	21.34	21.46	21.44	22.40
45	PI/2 BPSK	1	240	21.37	21.33	21.37	22.40
45	PI/2 BPSK	120	0	21.18	21.34	21.37	22.40
45	PI/2 BPSK	120	60	21.27	21.39	21.38	22.40
45	PI/2 BPSK	120	120	21.33	21.45	21.39	22.40
45	PI/2 BPSK	240	0	21.31	21.36	21.31	22.40
45	QPSK	1	1	21.04	21.16	21.24	22.40
45	QPSK	1	120	21.22	21.36	21.30	22.40
45	QPSK	1	240	21.25	21.25	21.26	22.40
45	QPSK	120	0	21.24	21.36	21.35	22.40
45	QPSK	120	60	21.24	21.35	21.39	22.40
45	QPSK	120	120	21.30	21.45	21.39	22.40
45	QPSK	240	0	21.33	21.35	21.38	22.40
45	16QAM	1	1	21.31	21.27	21.35	22.40
45	64QAM	1	1	21.10	21.13	21.18	22.40
45	256QAM	1	1	18.96	19.01	19.08	20.50
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	21.03	21.06	21.19	22.40
Channel				345500	349000	352500	Tune-up limit

Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	21.04	21.14	21.16	22.40
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	21.02	21.12	21.20	22.40
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	21.04	21.13	21.15	22.40
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	21.01	21.14	21.19	22.40
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	21.01	21.05	21.18	22.40
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	21.04	21.09	21.23	22.40
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	21.06	21.07	21.16	22.40

【FR1 n66_Ant 1_ECI 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	21.08	21.18	21.25	21.70
45	PI/2 BPSK	1	120	21.34	21.46	21.44	21.70
45	PI/2 BPSK	1	240	21.37	21.33	21.37	21.70
45	PI/2 BPSK	120	0	21.18	21.34	21.37	21.70
45	PI/2 BPSK	120	60	21.27	21.39	21.38	21.70
45	PI/2 BPSK	120	120	21.33	21.45	21.39	21.70
45	PI/2 BPSK	240	0	21.31	21.36	21.31	21.70
45	QPSK	1	1	21.04	21.16	21.24	21.70
45	QPSK	1	120	21.22	21.36	21.30	21.70
45	QPSK	1	240	21.25	21.25	21.26	21.70
45	QPSK	120	0	21.24	21.36	21.35	21.70
45	QPSK	120	60	21.24	21.35	21.39	21.70
45	QPSK	120	120	21.30	21.45	21.39	21.70
45	QPSK	240	0	21.33	21.35	21.38	21.70
45	16QAM	1	1	21.31	21.27	21.35	21.70
45	64QAM	1	1	21.10	21.13	21.18	21.70
45	256QAM	1	1	18.96	19.01	19.08	20.50
Channel				346000	349000	352000	Tune-up limit
Frequency (MHz)				1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	21.03	21.06	21.19	21.70
Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	21.04	21.14	21.16	21.70
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	21.02	21.12	21.20	21.70
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	21.04	21.13	21.15	21.70
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	21.01	21.14	21.19	21.70
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	21.01	21.05	21.18	21.70
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	21.04	21.09	21.23	21.70
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	21.06	21.07	21.16	21.70

【FR1 n66_Ant 1_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low	Power Middle	Power High	Tune-up limit (dBm)
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				Ch. / Freq.	Ch. / Freq.	Ch. / Freq.	
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	21.08	21.18	21.25	21.70
45	PI/2 BPSK	1	120	21.34	21.46	21.44	21.70
45	PI/2 BPSK	1	240	21.37	21.33	21.37	21.70
45	PI/2 BPSK	120	0	21.18	21.34	21.37	21.70
45	PI/2 BPSK	120	60	21.27	21.39	21.38	21.70
45	PI/2 BPSK	120	120	21.33	21.45	21.39	21.70
45	PI/2 BPSK	240	0	21.31	21.36	21.31	21.70
45	QPSK	1	1	21.04	21.16	21.24	21.70
45	QPSK	1	120	21.22	21.36	21.30	21.70
45	QPSK	1	240	21.25	21.25	21.26	21.70
45	QPSK	120	0	21.24	21.36	21.35	21.70
45	QPSK	120	60	21.24	21.35	21.39	21.70
45	QPSK	120	120	21.30	21.45	21.39	21.70
45	QPSK	240	0	21.33	21.35	21.38	21.70
45	16QAM	1	1	21.31	21.27	21.35	21.70
45	64QAM	1	1	21.10	21.13	21.18	21.70
45	256QAM	1	1	18.96	19.01	19.08	20.50
Channel				346000	349000	352000	Tune-up limit
Frequency (MHz)				1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	21.03	21.06	21.19	21.70
Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	21.04	21.14	21.16	21.70
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	21.02	21.12	21.20	21.70
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	21.04	21.13	21.15	21.70
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	21.01	21.14	21.19	21.70
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	21.01	21.05	21.18	21.70
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	21.04	21.09	21.23	21.70
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	21.06	21.07	21.16	21.70

【FR1 n66_Ant 2_ECI 2】

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	24.05	24.11	24.19	25.00
45	PI/2 BPSK	1	120	24.23	24.29	24.29	25.00
45	PI/2 BPSK	1	240	24.12	24.19	24.12	25.00
45	PI/2 BPSK	120	0	23.66	23.73	23.69	24.50
45	PI/2 BPSK	120	60	24.25	24.32	24.35	25.00
45	PI/2 BPSK	120	120	23.70	23.68	23.65	24.50
45	PI/2 BPSK	240	0	23.68	23.70	23.64	24.50
45	QPSK	1	1	24.03	24.11	24.16	25.00
45	QPSK	1	120	24.26	24.27	24.24	25.00
45	QPSK	1	240	24.06	24.25	24.15	25.00
45	QPSK	120	0	23.17	23.27	23.21	24.00
45	QPSK	120	60	24.28	24.33	24.35	25.00
45	QPSK	120	120	23.23	23.22	23.19	24.00
45	QPSK	240	0	23.17	23.21	23.20	24.00
45	16QAM	1	1	23.31	23.30	23.31	24.00
45	64QAM	1	1	21.68	21.76	21.78	22.50
45	256QAM	1	1	19.67	19.72	19.64	20.50
Channel				346000	349000	352000	Tune-up limit
Frequency (MHz)				1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	23.96	24.02	24.05	25.00

Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	23.91	24.04	24.04	25.00
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	23.92	24.10	24.17	25.00
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	24.00	24.01	24.05	25.00
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	24.03	23.99	24.06	25.00
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	23.92	23.97	24.11	25.00
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	23.99	24.01	24.08	25.00
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	24.03	23.96	24.06	25.00

【FR1 n66_Ant 2_ECI 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	24.05	24.11	24.19	25.00
45	PI/2 BPSK	1	120	24.23	24.29	24.29	25.00
45	PI/2 BPSK	1	240	24.12	24.19	24.12	25.00
45	PI/2 BPSK	120	0	23.66	23.73	23.69	24.50
45	PI/2 BPSK	120	60	24.25	24.32	24.35	25.00
45	PI/2 BPSK	120	120	23.70	23.68	23.65	24.50
45	PI/2 BPSK	240	0	23.68	23.70	23.64	24.50
45	QPSK	1	1	24.03	24.11	24.16	25.00
45	QPSK	1	120	24.26	24.27	24.24	25.00
45	QPSK	1	240	24.06	24.25	24.15	25.00
45	QPSK	120	0	23.17	23.27	23.21	24.00
45	QPSK	120	60	24.28	24.33	24.35	25.00
45	QPSK	120	120	23.23	23.22	23.19	24.00
45	QPSK	240	0	23.17	23.21	23.20	24.00
45	16QAM	1	1	23.31	23.30	23.31	24.00
45	64QAM	1	1	21.68	21.76	21.78	22.50
45	256QAM	1	1	19.67	19.72	19.64	20.50
Channel				346000	349000	352000	Tune-up limit
Frequency (MHz)				1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	23.96	24.02	24.05	25.00
Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	23.91	24.04	24.04	25.00
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	23.92	24.10	24.17	25.00
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	24.00	24.01	24.05	25.00
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	24.03	23.99	24.06	25.00
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	23.92	23.97	24.11	25.00
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	23.99	24.01	24.08	25.00
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	24.03	23.96	24.06	25.00

【FR1 n66_Ant 2_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit
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				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.	(dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	19.86	19.94	19.96	21.00
45	PI/2 BPSK	1	120	19.99	20.00	19.98	21.00
45	PI/2 BPSK	1	240	19.93	19.89	19.88	21.00
45	PI/2 BPSK	120	0	19.98	20.02	19.94	21.00
45	PI/2 BPSK	120	60	19.95	20.01	19.93	21.00
45	PI/2 BPSK	120	120	20.03	19.96	19.88	21.00
45	PI/2 BPSK	240	0	19.98	19.97	19.93	21.00
45	QPSK	1	1	19.87	19.91	19.91	21.00
45	QPSK	1	120	20.02	20.03	19.96	21.00
45	QPSK	1	240	19.89	19.86	19.85	21.00
45	QPSK	120	0	20.01	20.04	19.97	21.00
45	QPSK	120	60	19.98	19.99	19.91	21.00
45	QPSK	120	120	20.03	20.00	19.90	21.00
45	QPSK	240	0	19.99	20.01	19.96	21.00
45	16QAM	1	1	20.08	20.10	20.08	21.00
45	64QAM	1	1	20.12	20.14	20.09	21.00
45	256QAM	1	1	19.50	19.51	19.45	20.50
Channel				346000	349000	352000	Tune-up limit
Frequency (MHz)				1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	19.83	19.83	19.89	21.00
Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	19.74	19.81	19.81	21.00
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	19.84	19.92	19.82	21.00
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	19.79	19.93	19.89	21.00
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	19.81	19.83	19.86	21.00
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	19.85	19.92	19.83	21.00
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	19.79	19.92	19.83	21.00
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	19.83	19.88	19.86	21.00

【FR1 n66_Ant 2_ECI 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	19.86	19.94	19.96	20.30
45	PI/2 BPSK	1	120	19.99	20.00	19.98	20.30
45	PI/2 BPSK	1	240	19.93	19.89	19.88	20.30
45	PI/2 BPSK	120	0	19.98	20.02	19.94	20.30
45	PI/2 BPSK	120	60	19.95	20.01	19.93	20.30
45	PI/2 BPSK	120	120	20.03	19.96	19.88	20.30
45	PI/2 BPSK	240	0	19.98	19.97	19.93	20.30
45	QPSK	1	1	19.87	19.91	19.91	20.30
45	QPSK	1	120	20.02	20.03	19.96	20.30
45	QPSK	1	240	19.89	19.86	19.85	20.30
45	QPSK	120	0	20.01	20.04	19.97	20.30
45	QPSK	120	60	19.98	19.99	19.91	20.30
45	QPSK	120	120	20.03	20.00	19.90	20.30
45	QPSK	240	0	19.99	20.01	19.96	20.30
45	16QAM	1	1	20.08	20.10	20.08	20.30
45	64QAM	1	1	20.12	20.14	20.09	20.30
45	256QAM	1	1	19.50	19.51	19.45	20.30
Channel				346000	349000	352000	Tune-up limit
Frequency (MHz)				1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	19.83	19.83	19.89	20.30
Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	19.74	19.81	19.81	20.30

Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	19.84	19.92	19.82	20.30
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	19.79	19.93	19.89	20.30
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	19.81	19.83	19.86	20.30
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	19.85	19.92	19.83	20.30
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	19.79	19.92	19.83	20.30
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	19.83	19.88	19.86	20.30

【FR1 n66_Ant 2_ECI 6】

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	19.86	19.94	19.96	20.30
45	PI/2 BPSK	1	120	19.99	20.00	19.98	20.30
45	PI/2 BPSK	1	240	19.93	19.89	19.88	20.30
45	PI/2 BPSK	120	0	19.98	20.02	19.94	20.30
45	PI/2 BPSK	120	60	19.95	20.01	19.93	20.30
45	PI/2 BPSK	120	120	20.03	19.96	19.88	20.30
45	PI/2 BPSK	240	0	19.98	19.97	19.93	20.30
45	QPSK	1	1	19.87	19.91	19.91	20.30
45	QPSK	1	120	20.02	20.03	19.96	20.30
45	QPSK	1	240	19.89	19.86	19.85	20.30
45	QPSK	120	0	20.01	20.04	19.97	20.30
45	QPSK	120	60	19.98	19.99	19.91	20.30
45	QPSK	120	120	20.03	20.00	19.90	20.30
45	QPSK	240	0	19.99	20.01	19.96	20.30
45	16QAM	1	1	20.08	20.10	20.08	20.30
45	64QAM	1	1	20.12	20.14	20.09	20.30
45	256QAM	1	1	19.50	19.51	19.45	20.30
Channel				346000	349000	352000	Tune-up limit
Frequency (MHz)				1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	19.83	19.83	19.89	20.30
Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	19.74	19.81	19.81	20.30
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	19.84	19.92	19.82	20.30
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	19.79	19.93	19.89	20.30
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	19.81	19.83	19.86	20.30
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	19.85	19.92	19.83	20.30
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	19.79	19.92	19.83	20.30
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	19.83	19.88	19.86	20.30

【FR1 n66_Ant 5_ECI 2】

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	18.46	18.43	18.51	19.80
45	PI/2 BPSK	1	120	18.49	18.57	18.56	19.80
45	PI/2 BPSK	1	240	18.41	18.40	18.49	19.80
45	PI/2 BPSK	120	0	18.49	18.57	18.59	19.80
45	PI/2 BPSK	120	60	18.53	18.57	18.60	19.80
45	PI/2 BPSK	120	120	18.47	18.56	18.62	19.80
45	PI/2 BPSK	240	0	18.53	18.54	18.50	19.80
45	QPSK	1	1	18.42	18.42	18.49	19.80
45	QPSK	1	120	18.56	18.61	18.61	19.80
45	QPSK	1	240	18.41	18.49	18.43	19.80
45	QPSK	120	0	18.55	18.56	18.60	19.80
45	QPSK	120	60	18.55	18.61	18.65	19.80
45	QPSK	120	120	18.48	18.57	18.68	19.80
45	QPSK	240	0	18.58	18.58	18.57	19.80
45	16QAM	1	1	18.54	18.56	18.65	19.80
45	64QAM	1	1	18.49	18.54	18.56	19.80
45	256QAM	1	1	18.43	18.48	18.51	19.80
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	18.41	18.41	18.48	19.80
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	18.40	18.40	18.49	19.80
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	18.40	18.41	18.48	19.80
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	18.40	18.40	18.42	19.80
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	18.40	18.41	18.40	19.80
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	18.41	18.40	18.40	19.80
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	18.42	18.42	18.42	19.80
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	18.41	18.41	18.41	19.80

【FR1 n66_Ant 5_ECI 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	18.46	18.43	18.51	19.10
45	PI/2 BPSK	1	120	18.49	18.57	18.56	19.10
45	PI/2 BPSK	1	240	18.41	18.40	18.49	19.10
45	PI/2 BPSK	120	0	18.49	18.57	18.59	19.10
45	PI/2 BPSK	120	60	18.53	18.57	18.60	19.10
45	PI/2 BPSK	120	120	18.47	18.56	18.62	19.10
45	PI/2 BPSK	240	0	18.53	18.54	18.50	19.10
45	QPSK	1	1	18.42	18.42	18.49	19.10
45	QPSK	1	120	18.56	18.61	18.61	19.10
45	QPSK	1	240	18.41	18.49	18.43	19.10
45	QPSK	120	0	18.55	18.56	18.60	19.10
45	QPSK	120	60	18.55	18.61	18.65	19.10
45	QPSK	120	120	18.48	18.57	18.68	19.10
45	QPSK	240	0	18.58	18.58	18.57	19.10
45	16QAM	1	1	18.54	18.56	18.65	19.10
45	64QAM	1	1	18.49	18.54	18.56	19.10
45	256QAM	1	1	18.43	18.48	18.51	19.10
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	18.41	18.41	18.48	19.10
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	

35	PI/2 BPSK	1	1	18.40	18.40	18.49	19.10
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	18.40	18.41	18.48	19.10
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	18.40	18.40	18.42	19.10
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	18.40	18.41	18.40	19.10
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	18.41	18.40	18.40	19.10
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	18.42	18.42	18.42	19.10
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	18.41	18.41	18.41	19.10

【FR1 n66_Ant 5_ECI 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	17.73	17.75	17.74	19.00
45	PI/2 BPSK	1	120	17.73	17.84	17.78	19.00
45	PI/2 BPSK	1	240	17.72	17.71	17.71	19.00
45	PI/2 BPSK	120	0	17.71	17.74	17.81	19.00
45	PI/2 BPSK	120	60	17.76	17.80	17.80	19.00
45	PI/2 BPSK	120	120	17.79	17.79	17.88	19.00
45	PI/2 BPSK	240	0	17.79	17.74	17.73	19.00
45	QPSK	1	1	17.71	17.79	17.71	19.00
45	QPSK	1	120	17.74	17.83	17.81	19.00
45	QPSK	1	240	17.74	17.76	17.76	19.00
45	QPSK	120	0	17.75	17.80	17.85	19.00
45	QPSK	120	60	17.80	17.81	17.87	19.00
45	QPSK	120	120	17.74	17.80	17.90	19.00
45	QPSK	240	0	17.80	17.80	17.78	19.00
45	16QAM	1	1	17.77	17.75	17.78	19.00
45	64QAM	1	1	17.70	17.74	17.79	19.00
45	256QAM	1	1	17.77	17.73	17.72	19.00
Channel				346000	349000	352000	Tune-up limit
Frequency (MHz)				1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	17.72	17.72	17.71	19.00
Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	17.71	17.70	17.71	19.00
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	17.71	17.70	17.70	19.00
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	17.72	17.71	17.72	19.00
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	17.70	17.70	17.71	19.00
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	17.71	17.71	17.71	19.00
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	17.71	17.71	17.70	19.00
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	17.72	17.71	17.70	19.00

【FR1 n66_Ant 5_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
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Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	17.73	17.75	17.74	18.10
45	PI/2 BPSK	1	120	17.73	17.84	17.78	18.10
45	PI/2 BPSK	1	240	17.72	17.71	17.71	18.10
45	PI/2 BPSK	120	0	17.71	17.74	17.81	18.10
45	PI/2 BPSK	120	60	17.76	17.80	17.80	18.10
45	PI/2 BPSK	120	120	17.79	17.79	17.88	18.10
45	PI/2 BPSK	240	0	17.79	17.74	17.73	18.10
45	QPSK	1	1	17.71	17.79	17.71	18.10
45	QPSK	1	120	17.74	17.83	17.81	18.10
45	QPSK	1	240	17.74	17.76	17.76	18.10
45	QPSK	120	0	17.75	17.80	17.85	18.10
45	QPSK	120	60	17.80	17.81	17.87	18.10
45	QPSK	120	120	17.74	17.80	17.90	18.10
45	QPSK	240	0	17.80	17.80	17.78	18.10
45	16QAM	1	1	17.77	17.75	17.78	18.10
45	64QAM	1	1	17.70	17.74	17.79	18.10
45	256QAM	1	1	17.77	17.73	17.72	18.10
Channel				346000	349000	352000	Tune-up limit
Frequency (MHz)				1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	17.72	17.72	17.71	18.10
Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	17.71	17.70	17.71	18.10
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	17.71	17.70	17.70	18.10
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	17.72	17.71	17.72	18.10
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	17.70	17.70	17.71	18.10
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	17.71	17.71	17.71	18.10
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	17.71	17.71	17.70	18.10
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	17.72	17.71	17.70	18.10

【FR1 n66_Ant 5_ECI 6】

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	17.73	17.75	17.74	18.10
45	PI/2 BPSK	1	120	17.73	17.84	17.78	18.10
45	PI/2 BPSK	1	240	17.72	17.71	17.71	18.10
45	PI/2 BPSK	120	0	17.71	17.74	17.81	18.10
45	PI/2 BPSK	120	60	17.76	17.80	17.80	18.10
45	PI/2 BPSK	120	120	17.79	17.79	17.88	18.10
45	PI/2 BPSK	240	0	17.79	17.74	17.73	18.10
45	QPSK	1	1	17.71	17.79	17.71	18.10
45	QPSK	1	120	17.74	17.83	17.81	18.10
45	QPSK	1	240	17.74	17.76	17.76	18.10
45	QPSK	120	0	17.75	17.80	17.85	18.10
45	QPSK	120	60	17.80	17.81	17.87	18.10
45	QPSK	120	120	17.74	17.80	17.90	18.10
45	QPSK	240	0	17.80	17.80	17.78	18.10
45	16QAM	1	1	17.77	17.75	17.78	18.10
45	64QAM	1	1	17.70	17.74	17.79	18.10
45	256QAM	1	1	17.77	17.73	17.72	18.10
Channel				346000	349000	352000	Tune-up limit
Frequency (MHz)				1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	17.72	17.72	17.71	18.10
Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	17.71	17.70	17.71	18.10
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)

30	PI/2 BPSK	1	1	17.71	17.70	17.70	18.10
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	17.72	17.71	17.72	18.10
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	17.70	17.70	17.71	18.10
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	17.71	17.71	17.71	18.10
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	17.71	17.71	17.70	18.10
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	17.72	17.71	17.70	18.10

【FR1 n70_Ant 0_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					340500		
Frequency (MHz)					1702.5		
15	PI/2 BPSK	1	1		23.73		24.70
15	PI/2 BPSK	1	40		23.65		24.70
15	PI/2 BPSK	1	77		23.71		24.70
15	PI/2 BPSK	36	0		23.12		24.20
15	PI/2 BPSK	36	22		23.66		24.70
15	PI/2 BPSK	36	43		23.19		24.20
15	PI/2 BPSK	75	0		23.19		24.20
15	QPSK	1	1		23.63		24.70
15	QPSK	1	40		23.58		24.70
15	QPSK	1	77		23.70		24.70
15	QPSK	36	0		22.67		23.70
15	QPSK	36	22		23.70		24.70
15	QPSK	36	43		22.69		23.70
15	QPSK	75	0		22.71		23.70
15	16QAM	1	1		22.76		23.70
15	64QAM	1	1		21.22		22.20
15	256QAM	1	1		19.10		20.20
Channel				340000	340500	341000	Tune-up limit
Frequency (MHz)				1700	1702.5	1705	(dBm)
10	PI/2 BPSK	1	1	23.59	23.64	23.58	24.70
Channel				339500	340500	341500	Tune-up limit
Frequency (MHz)				1697.5	1702.5	1707.5	(dBm)
5	PI/2 BPSK	1	1	23.57	23.65	23.61	24.70

【FR1 n70_Ant 0_ECI 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					340500		
Frequency (MHz)					1702.5		
15	PI/2 BPSK	1	1		23.73		24.70
15	PI/2 BPSK	1	40		23.65		24.70
15	PI/2 BPSK	1	77		23.71		24.70
15	PI/2 BPSK	36	0		23.12		24.20
15	PI/2 BPSK	36	22		23.66		24.70
15	PI/2 BPSK	36	43		23.19		24.20
15	PI/2 BPSK	75	0		23.19		24.20
15	QPSK	1	1		23.63		24.70
15	QPSK	1	40		23.58		24.70
15	QPSK	1	77		23.70		24.70
15	QPSK	36	0		22.67		23.70
15	QPSK	36	22		23.70		24.70
15	QPSK	36	43		22.69		23.70
15	QPSK	75	0		22.71		23.70
15	16QAM	1	1		22.76		23.70

15	64QAM	1	1		21.22		22.20
15	256QAM	1	1		19.10		20.20
Channel				340000	340500	341000	Tune-up limit
Frequency (MHz)				1700	1702.5	1705	(dBm)
10	PI/2 BPSK	1	1	23.59	23.64	23.58	24.70
Channel				339500	340500	341500	Tune-up limit
Frequency (MHz)				1697.5	1702.5	1707.5	(dBm)
5	PI/2 BPSK	1	1	23.57	23.65	23.61	24.70

【FR1 n70_Ant 0_ECI 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					340500		
Frequency (MHz)					1702.5		
15	PI/2 BPSK	1	1		16.27		16.80
15	PI/2 BPSK	1	40		16.27		16.80
15	PI/2 BPSK	1	77		16.39		16.80
15	PI/2 BPSK	36	0		16.27		16.80
15	PI/2 BPSK	36	22		16.23		16.80
15	PI/2 BPSK	36	43		16.36		16.80
15	PI/2 BPSK	75	0		16.34		16.80
15	QPSK	1	1		16.19		16.80
15	QPSK	1	40		16.19		16.80
15	QPSK	1	77		16.27		16.80
15	QPSK	36	0		16.31		16.80
15	QPSK	36	22		16.27		16.80
15	QPSK	36	43		16.32		16.80
15	QPSK	75	0		16.34		16.80
15	16QAM	1	1		16.43		16.80
15	64QAM	1	1		16.46		16.80
15	256QAM	1	1		16.42		16.80
Channel				340000	340500	341000	Tune-up limit
Frequency (MHz)				1700	1702.5	1705	(dBm)
10	PI/2 BPSK	1	1	16.19	16.18	16.24	16.80
Channel				339500	340500	341500	Tune-up limit
Frequency (MHz)				1697.5	1702.5	1707.5	(dBm)
5	PI/2 BPSK	1	1	16.24	16.21	16.22	16.80

【FR1 n70_Ant 0_ECI 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					340500		
Frequency (MHz)					1702.5		
15	PI/2 BPSK	1	1		16.27		16.50
15	PI/2 BPSK	1	40		16.27		16.50
15	PI/2 BPSK	1	77		16.39		16.50
15	PI/2 BPSK	36	0		16.27		16.50
15	PI/2 BPSK	36	22		16.23		16.50
15	PI/2 BPSK	36	43		16.36		16.50
15	PI/2 BPSK	75	0		16.34		16.50
15	QPSK	1	1		16.19		16.50
15	QPSK	1	40		16.19		16.50
15	QPSK	1	77		16.27		16.50
15	QPSK	36	0		16.31		16.50
15	QPSK	36	22		16.27		16.50
15	QPSK	36	43		16.32		16.50
15	QPSK	75	0		16.34		16.50
15	16QAM	1	1		16.43		16.50
15	64QAM	1	1		16.46		16.50
15	256QAM	1	1		16.42		16.50
Channel				340000	340500	341000	Tune-up limit
Frequency (MHz)				1700	1702.5	1705	(dBm)
10	PI/2 BPSK	1	1	16.19	16.18	16.24	16.50
Channel				339500	340500	341500	Tune-up limit
Frequency (MHz)				1697.5	1702.5	1707.5	(dBm)
5	PI/2 BPSK	1	1	16.24	16.21	16.22	16.50

【FR1 n70_Ant 0_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					340500		
Frequency (MHz)					1702.5		
15	PI/2 BPSK	1	1		16.27		16.50
15	PI/2 BPSK	1	40		16.27		16.50
15	PI/2 BPSK	1	77		16.39		16.50
15	PI/2 BPSK	36	0		16.27		16.50
15	PI/2 BPSK	36	22		16.23		16.50
15	PI/2 BPSK	36	43		16.36		16.50
15	PI/2 BPSK	75	0		16.34		16.50
15	QPSK	1	1		16.19		16.50
15	QPSK	1	40		16.19		16.50
15	QPSK	1	77		16.27		16.50
15	QPSK	36	0		16.31		16.50
15	QPSK	36	22		16.27		16.50
15	QPSK	36	43		16.32		16.50
15	QPSK	75	0		16.34		16.50
15	16QAM	1	1		16.43		16.50
15	64QAM	1	1		16.46		16.50
15	256QAM	1	1		16.42		16.50
Channel				340000	340500	341000	Tune-up limit (dBm)
Frequency (MHz)				1700	1702.5	1705	
10	PI/2 BPSK	1	1	16.19	16.18	16.24	16.50
Channel				339500	340500	341500	Tune-up limit (dBm)
Frequency (MHz)				1697.5	1702.5	1707.5	
5	PI/2 BPSK	1	1	16.24	16.21	16.22	16.50

【FR1 n70_Ant 1_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					340500		
Frequency (MHz)					1702.5		
15	PI/2 BPSK	1	1		21.21		22.40
15	PI/2 BPSK	1	40		21.20		22.40
15	PI/2 BPSK	1	77		21.09		22.40
15	PI/2 BPSK	36	0		21.23		22.40
15	PI/2 BPSK	36	22		21.18		22.40
15	PI/2 BPSK	36	43		21.14		22.40
15	PI/2 BPSK	75	0		21.24		22.40
15	QPSK	1	1		21.15		22.40
15	QPSK	1	40		21.15		22.40
15	QPSK	1	77		21.09		22.40
15	QPSK	36	0		21.26		22.40
15	QPSK	36	22		21.22		22.40
15	QPSK	36	43		21.15		22.40
15	QPSK	75	0		21.27		22.40
15	16QAM	1	1		21.51		22.40
15	64QAM	1	1		21.12		22.30
15	256QAM	1	1		19.00		20.30
Channel				340000	340500	341000	Tune-up limit (dBm)
Frequency (MHz)				1700	1702.5	1705	
10	PI/2 BPSK	1	1	21.12	21.13	21.23	22.40
Channel				339500	340500	341500	Tune-up limit (dBm)
Frequency (MHz)				1697.5	1702.5	1707.5	
5	PI/2 BPSK	1	1	21.02	21.09	21.08	22.40

【FR1 n70_Ant 1_ECI 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					340500		
Frequency (MHz)					1702.5		
15	PI/2 BPSK	1	1		21.21		21.70
15	PI/2 BPSK	1	40		21.20		21.70

15	PI/2 BPSK	1	77		21.09		21.70
15	PI/2 BPSK	36	0		21.23		21.70
15	PI/2 BPSK	36	22		21.18		21.70
15	PI/2 BPSK	36	43		21.14		21.70
15	PI/2 BPSK	75	0		21.24		21.70
15	QPSK	1	1		21.15		21.70
15	QPSK	1	40		21.15		21.70
15	QPSK	1	77		21.09		21.70
15	QPSK	36	0		21.26		21.70
15	QPSK	36	22		21.22		21.70
15	QPSK	36	43		21.15		21.70
15	QPSK	75	0		21.27		21.70
15	16QAM	1	1		21.51		21.70
15	64QAM	1	1		21.12		21.70
15	256QAM	1	1		19.00		20.30
Channel				340000	340500	341000	Tune-up limit
Frequency (MHz)				1700	1702.5	1705	(dBm)
10	PI/2 BPSK	1	1	21.12	21.13	21.23	21.70
Channel				339500	340500	341500	Tune-up limit
Frequency (MHz)				1697.5	1702.5	1707.5	(dBm)
5	PI/2 BPSK	1	1	21.02	21.09	21.08	21.70

【FR1 n70_Ant 1_ECI 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					340500		
Frequency (MHz)					1702.5		
15	PI/2 BPSK	1	1		23.09		24.70
15	PI/2 BPSK	1	40		23.08		24.70
15	PI/2 BPSK	1	77		22.99		24.70
15	PI/2 BPSK	36	0		23.11		24.30
15	PI/2 BPSK	36	22		23.04		24.70
15	PI/2 BPSK	36	43		23.00		24.30
15	PI/2 BPSK	75	0		23.08		24.30
15	QPSK	1	1		23.01		24.70
15	QPSK	1	40		23.03		24.70
15	QPSK	1	77		23.03		24.70
15	QPSK	36	0		22.69		23.80
15	QPSK	36	22		23.10		24.70
15	QPSK	36	43		22.55		23.80
15	QPSK	75	0		22.71		23.80
15	16QAM	1	1		22.81		23.80
15	64QAM	1	1		21.30		22.30
15	256QAM	1	1		19.17		20.30
Channel				340000	340500	341000	Tune-up limit
Frequency (MHz)				1700	1702.5	1705	(dBm)
10	PI/2 BPSK	1	1	22.98	23.01	23.06	24.70
Channel				339500	340500	341500	Tune-up limit
Frequency (MHz)				1697.5	1702.5	1707.5	(dBm)
5	PI/2 BPSK	1	1	22.83	22.89	23.04	24.70

【FR1 n70_Ant 1_ECI 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					340500		
Frequency (MHz)					1702.5		
15	PI/2 BPSK	1	1		23.09		24.00
15	PI/2 BPSK	1	40		23.08		24.00
15	PI/2 BPSK	1	77		22.99		24.00
15	PI/2 BPSK	36	0		23.11		24.00
15	PI/2 BPSK	36	22		23.04		24.00
15	PI/2 BPSK	36	43		23.00		24.00
15	PI/2 BPSK	75	0		23.08		24.00
15	QPSK	1	1		23.01		24.00
15	QPSK	1	40		23.03		24.00
15	QPSK	1	77		23.03		24.00
15	QPSK	36	0		22.69		23.80
15	QPSK	36	22		23.10		24.00
15	QPSK	36	43		22.55		23.80
15	QPSK	75	0		22.71		23.80

15	16QAM	1	1		22.81		23.80
15	64QAM	1	1		21.30		22.30
15	256QAM	1	1		19.17		20.30
Channel				340000	340500	341000	Tune-up limit
Frequency (MHz)				1700	1702.5	1705	(dBm)
10	PI/2 BPSK	1	1	22.98	23.01	23.06	24.00
Channel				339500	340500	341500	Tune-up limit
Frequency (MHz)				1697.5	1702.5	1707.5	(dBm)
5	PI/2 BPSK	1	1	22.83	22.89	23.04	24.00

【FR1 n70_Ant 1_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					340500		
Frequency (MHz)					1702.5		
15	PI/2 BPSK	1	1		23.09		24.00
15	PI/2 BPSK	1	40		23.08		24.00
15	PI/2 BPSK	1	77		22.99		24.00
15	PI/2 BPSK	36	0		23.11		24.00
15	PI/2 BPSK	36	22		23.04		24.00
15	PI/2 BPSK	36	43		23.00		24.00
15	PI/2 BPSK	75	0		23.08		24.00
15	QPSK	1	1		23.01		24.00
15	QPSK	1	40		23.03		24.00
15	QPSK	1	77		23.03		24.00
15	QPSK	36	0		22.69		23.80
15	QPSK	36	22		23.10		24.00
15	QPSK	36	43		22.55		23.80
15	QPSK	75	0		22.71		23.80
15	16QAM	1	1		22.81		23.80
15	64QAM	1	1		21.30		22.30
15	256QAM	1	1		19.17		20.30
Channel				340000	340500	341000	Tune-up limit
Frequency (MHz)				1700	1702.5	1705	(dBm)
10	PI/2 BPSK	1	1	22.98	23.01	23.06	24.00
Channel				339500	340500	341500	Tune-up limit
Frequency (MHz)				1697.5	1702.5	1707.5	(dBm)
5	PI/2 BPSK	1	1	22.83	22.89	23.04	24.00

【FR1 n70_Ant 2_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					340500		
Frequency (MHz)					1702.5		
15	PI/2 BPSK	1	1		24.08		24.80
15	PI/2 BPSK	1	40		24.00		24.80
15	PI/2 BPSK	1	77		24.07		24.80
15	PI/2 BPSK	36	0		23.50		24.30
15	PI/2 BPSK	36	22		24.00		24.80
15	PI/2 BPSK	36	43		23.53		24.30
15	PI/2 BPSK	75	0		23.52		24.30
15	QPSK	1	1		24.06		24.80
15	QPSK	1	40		23.96		24.80
15	QPSK	1	77		24.06		24.80
15	QPSK	36	0		23.01		23.80
15	QPSK	36	22		24.04		24.80
15	QPSK	36	43		23.02		23.80
15	QPSK	75	0		23.07		23.80
15	16QAM	1	1		23.05		23.80
15	64QAM	1	1		21.53		22.30
15	256QAM	1	1		19.42		20.30
Channel				340000	340500	341000	Tune-up limit
Frequency (MHz)				1700	1702.5	1705	(dBm)
10	PI/2 BPSK	1	1	23.95	24.00	23.92	24.80
Channel				339500	340500	341500	Tune-up limit
Frequency (MHz)				1697.5	1702.5	1707.5	(dBm)

5	PI/2 BPSK	1	1	23.81	23.93	23.87	24.80
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【FR1 n70_Ant 2_ECI 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					340500		
Frequency (MHz)					1702.5		
15	PI/2 BPSK	1	1		24.08		24.80
15	PI/2 BPSK	1	40		24.00		24.80
15	PI/2 BPSK	1	77		24.07		24.80
15	PI/2 BPSK	36	0		23.50		24.30
15	PI/2 BPSK	36	22		24.00		24.80
15	PI/2 BPSK	36	43		23.53		24.30
15	PI/2 BPSK	75	0		23.52		24.30
15	QPSK	1	1		24.06		24.80
15	QPSK	1	40		23.96		24.80
15	QPSK	1	77		24.06		24.80
15	QPSK	36	0		23.01		23.80
15	QPSK	36	22		24.04		24.80
15	QPSK	36	43		23.02		23.80
15	QPSK	75	0		23.07		23.80
15	16QAM	1	1		23.05		23.80
15	64QAM	1	1		21.53		22.30
15	256QAM	1	1		19.42		20.30
Channel				340000	340500	341000	Tune-up limit (dBm)
Frequency (MHz)				1700	1702.5	1705	
10	PI/2 BPSK	1	1	23.95	24.00	23.92	24.80
Channel				339500	340500	341500	Tune-up limit (dBm)
Frequency (MHz)				1697.5	1702.5	1707.5	
5	PI/2 BPSK	1	1	23.81	23.93	23.87	24.80

【FR1 n70_Ant 2_ECI 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					340500		
Frequency (MHz)					1702.5		
15	PI/2 BPSK	1	1		19.94		21.00
15	PI/2 BPSK	1	40		19.95		21.00
15	PI/2 BPSK	1	77		19.87		21.00
15	PI/2 BPSK	36	0		20.03		21.00
15	PI/2 BPSK	36	22		20.04		21.00
15	PI/2 BPSK	36	43		20.01		21.00
15	PI/2 BPSK	75	0		19.97		21.00
15	QPSK	1	1		19.91		21.00
15	QPSK	1	40		19.88		21.00
15	QPSK	1	77		19.87		21.00
15	QPSK	36	0		19.98		21.00
15	QPSK	36	22		19.92		21.00
15	QPSK	36	43		19.97		21.00
15	QPSK	75	0		19.90		21.00
15	16QAM	1	1		20.11		21.00
15	64QAM	1	1		20.04		21.00
15	256QAM	1	1		19.25		20.30
Channel				340000	340500	341000	Tune-up limit (dBm)
Frequency (MHz)				1700	1702.5	1705	
10	PI/2 BPSK	1	1	19.85	19.97	19.99	21.00
Channel				339500	340500	341500	Tune-up limit (dBm)
Frequency (MHz)				1697.5	1702.5	1707.5	
5	PI/2 BPSK	1	1	19.95	19.92	19.94	21.00

【FR1 n70_Ant 2_ECI 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					340500		
Frequency (MHz)					1702.5		
15	PI/2 BPSK	1	1		19.94		21.00

15	PI/2 BPSK	1	40		19.95		21.00
15	PI/2 BPSK	1	77		19.87		21.00
15	PI/2 BPSK	36	0		20.03		21.00
15	PI/2 BPSK	36	22		20.04		21.00
15	PI/2 BPSK	36	43		20.01		21.00
15	PI/2 BPSK	75	0		19.97		21.00
15	QPSK	1	1		19.91		21.00
15	QPSK	1	40		19.88		21.00
15	QPSK	1	77		19.87		21.00
15	QPSK	36	0		19.98		21.00
15	QPSK	36	22		19.92		21.00
15	QPSK	36	43		19.97		21.00
15	QPSK	75	0		19.90		21.00
15	16QAM	1	1		20.11		21.00
15	64QAM	1	1		20.04		21.00
15	256QAM	1	1		19.25		20.30
Channel				340000	340500	341000	Tune-up limit
Frequency (MHz)				1700	1702.5	1705	(dBm)
10	PI/2 BPSK	1	1	19.85	19.97	19.99	21.00
Channel				339500	340500	341500	Tune-up limit
Frequency (MHz)				1697.5	1702.5	1707.5	(dBm)
5	PI/2 BPSK	1	1	19.95	19.92	19.94	21.00

【FR1 n70_Ant 2_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					340500		
Frequency (MHz)					1702.5		
15	PI/2 BPSK	1	1		19.94		21.00
15	PI/2 BPSK	1	40		19.95		21.00
15	PI/2 BPSK	1	77		19.87		21.00
15	PI/2 BPSK	36	0		20.03		21.00
15	PI/2 BPSK	36	22		20.04		21.00
15	PI/2 BPSK	36	43		20.01		21.00
15	PI/2 BPSK	75	0		19.97		21.00
15	QPSK	1	1		19.91		21.00
15	QPSK	1	40		19.88		21.00
15	QPSK	1	77		19.87		21.00
15	QPSK	36	0		19.98		21.00
15	QPSK	36	22		19.92		21.00
15	QPSK	36	43		19.97		21.00
15	QPSK	75	0		19.90		21.00
15	16QAM	1	1		20.11		21.00
15	64QAM	1	1		20.04		21.00
15	256QAM	1	1		19.25		20.30
Channel				340000	340500	341000	Tune-up limit
Frequency (MHz)				1700	1702.5	1705	(dBm)
10	PI/2 BPSK	1	1	19.85	19.97	19.99	21.00
Channel				339500	340500	341500	Tune-up limit
Frequency (MHz)				1697.5	1702.5	1707.5	(dBm)
5	PI/2 BPSK	1	1	19.95	19.92	19.94	21.00

【FR1 n70_Ant 5_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					340500		
Frequency (MHz)					1702.5		
15	PI/2 BPSK	1	1		18.03		19.30
15	PI/2 BPSK	1	40		17.92		19.30
15	PI/2 BPSK	1	77		17.84		19.30
15	PI/2 BPSK	36	0		17.97		19.30
15	PI/2 BPSK	36	22		17.83		19.30
15	PI/2 BPSK	36	43		17.83		19.30
15	PI/2 BPSK	75	0		17.95		19.30
15	QPSK	1	1		17.89		19.30
15	QPSK	1	40		17.80		19.30

15	QPSK	1	77		17.84		19.30
15	QPSK	36	0		17.97		19.30
15	QPSK	36	22		17.85		19.30
15	QPSK	36	43		17.83		19.30
15	QPSK	75	0		17.95		19.30
15	16QAM	1	1		18.29		19.30
15	64QAM	1	1		18.18		19.30
15	256QAM	1	1		18.17		19.30
Channel				340000	340500	341000	Tune-up limit
Frequency (MHz)				1700	1702.5	1705	(dBm)
10	PI/2 BPSK	1	1	17.96	17.94	17.93	19.30
Channel				339500	340500	341500	Tune-up limit
Frequency (MHz)				1697.5	1702.5	1707.5	(dBm)
5	PI/2 BPSK	1	1	17.93	18.03	17.99	19.30

【FR1 n70_Ant 5_ECI 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					340500		
Frequency (MHz)					1702.5		
15	PI/2 BPSK	1	1		16.61		17.90
15	PI/2 BPSK	1	40		16.55		17.90
15	PI/2 BPSK	1	77		16.47		17.90
15	PI/2 BPSK	36	0		16.63		17.90
15	PI/2 BPSK	36	22		16.52		17.90
15	PI/2 BPSK	36	43		16.50		17.90
15	PI/2 BPSK	75	0		16.59		17.90
15	QPSK	1	1		16.53		17.90
15	QPSK	1	40		16.49		17.90
15	QPSK	1	77		16.48		17.90
15	QPSK	36	0		16.64		17.90
15	QPSK	36	22		16.55		17.90
15	QPSK	36	43		16.46		17.90
15	QPSK	75	0		16.63		17.90
15	16QAM	1	1		16.96		17.90
15	64QAM	1	1		16.83		17.90
15	256QAM	1	1		16.79		17.90
Channel				340000	340500	341000	Tune-up limit
Frequency (MHz)				1700	1702.5	1705	(dBm)
10	PI/2 BPSK	1	1	16.53	16.56	16.50	17.90
Channel				339500	340500	341500	Tune-up limit
Frequency (MHz)				1697.5	1702.5	1707.5	(dBm)
5	PI/2 BPSK	1	1	16.46	16.50	16.43	17.90

【FR1 n70_Ant 5_ECI 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					340500		
Frequency (MHz)					1702.5		
15	PI/2 BPSK	1	1		18.09		19.50
15	PI/2 BPSK	1	40		18.05		19.50
15	PI/2 BPSK	1	77		17.97		19.50
15	PI/2 BPSK	36	0		18.09		19.50
15	PI/2 BPSK	36	22		17.98		19.50
15	PI/2 BPSK	36	43		17.96		19.50
15	PI/2 BPSK	75	0		18.07		19.50
15	QPSK	1	1		18.00		19.50
15	QPSK	1	40		17.96		19.50
15	QPSK	1	77		17.98		19.50
15	QPSK	36	0		18.10		19.50
15	QPSK	36	22		18.06		19.50
15	QPSK	36	43		17.96		19.50
15	QPSK	75	0		18.10		19.50
15	16QAM	1	1		18.03		19.50
15	64QAM	1	1		17.99		19.50
15	256QAM	1	1		17.95		19.50
Channel				340000	340500	341000	Tune-up limit
Frequency (MHz)				1700	1702.5	1705	(dBm)
10	PI/2 BPSK	1	1	18.09	18.04	17.99	19.50
Channel				339500	340500	341500	Tune-up limit

Frequency (MHz)				1697.5	1702.5	1707.5	(dBm)
5	PI/2 BPSK	1	1	18.09	17.99	18.01	19.50

【FR1 n70_Ant 5_ECI 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					340500		
Frequency (MHz)					1702.5		
15	PI/2 BPSK	1	1		18.09		18.10
15	PI/2 BPSK	1	40		18.05		18.10
15	PI/2 BPSK	1	77		17.97		18.10
15	PI/2 BPSK	36	0		18.09		18.10
15	PI/2 BPSK	36	22		17.98		18.10
15	PI/2 BPSK	36	43		17.96		18.10
15	PI/2 BPSK	75	0		18.07		18.10
15	QPSK	1	1		18.00		18.10
15	QPSK	1	40		17.96		18.10
15	QPSK	1	77		17.98		18.10
15	QPSK	36	0		18.10		18.10
15	QPSK	36	22		18.06		18.10
15	QPSK	36	43		17.96		18.10
15	QPSK	75	0		18.10		18.10
15	16QAM	1	1		18.03		18.10
15	64QAM	1	1		17.99		18.10
15	256QAM	1	1		17.95		18.10
Channel				340000	340500	341000	Tune-up limit (dBm)
Frequency (MHz)				1700	1702.5	1705	
10	PI/2 BPSK	1	1	18.09	18.04	17.99	18.10
Channel				339500	340500	341500	Tune-up limit (dBm)
Frequency (MHz)				1697.5	1702.5	1707.5	
5	PI/2 BPSK	1	1	18.09	17.99	18.01	18.10

【FR1 n70_Ant 5_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					340500		
Frequency (MHz)					1702.5		
15	PI/2 BPSK	1	1		18.09		18.10
15	PI/2 BPSK	1	40		18.05		18.10
15	PI/2 BPSK	1	77		17.97		18.10
15	PI/2 BPSK	36	0		18.09		18.10
15	PI/2 BPSK	36	22		17.98		18.10
15	PI/2 BPSK	36	43		17.96		18.10
15	PI/2 BPSK	75	0		18.07		18.10
15	QPSK	1	1		18.00		18.10
15	QPSK	1	40		17.96		18.10
15	QPSK	1	77		17.98		18.10
15	QPSK	36	0		18.10		18.10
15	QPSK	36	22		18.06		18.10
15	QPSK	36	43		17.96		18.10
15	QPSK	75	0		18.10		18.10
15	16QAM	1	1		18.03		18.10
15	64QAM	1	1		17.99		18.10
15	256QAM	1	1		17.95		18.10
Channel				340000	340500	341000	Tune-up limit (dBm)
Frequency (MHz)				1700	1702.5	1705	
10	PI/2 BPSK	1	1	18.09	18.04	17.99	18.10
Channel				339500	340500	341500	Tune-up limit (dBm)
Frequency (MHz)				1697.5	1702.5	1707.5	
5	PI/2 BPSK	1	1	18.09	17.99	18.01	18.10

【FR1 n71_Ant 0_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit
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				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.	(dBm)
Channel					136100		
Frequency (MHz)					680.5		
35	PI/2 BPSK	1	1		23.67		25.00
35	PI/2 BPSK	1	90		23.65		25.00
35	PI/2 BPSK	1	186		23.71		25.00
35	PI/2 BPSK	90	0		23.12		24.50
35	PI/2 BPSK	90	45		23.66		25.00
35	PI/2 BPSK	90	90		23.19		24.50
35	PI/2 BPSK	180	0		23.19		24.50
35	QPSK	1	1		23.63		25.00
35	QPSK	1	90		23.58		25.00
35	QPSK	1	186		23.70		25.00
35	QPSK	90	0		22.67		24.00
35	QPSK	90	45		23.70		25.00
35	QPSK	90	90		22.69		24.00
35	QPSK	180	0		22.71		24.00
35	16QAM	1	1		22.76		24.00
35	64QAM	1	1		21.22		22.50
35	256QAM	1	1		19.10		20.50
Channel				135600	136100	136600	Tune-up limit
Frequency (MHz)				678	680.5	683	(dBm)
30	PI/2 BPSK	1	1	23.64	23.59	23.63	25.00
Channel				135100	136100	137100	Tune-up limit
Frequency (MHz)				675.5	680.5	685.5	(dBm)
25	PI/2 BPSK	1	1	23.58	23.65	23.59	25.00
Channel				134600	136100	137600	Tune-up limit
Frequency (MHz)				673	680.5	688	(dBm)
20	PI/2 BPSK	1	1	23.60	23.67	23.65	25.00
Channel				134100	136100	138100	Tune-up limit
Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	PI/2 BPSK	1	1	23.62	23.62	23.58	25.00
Channel				133600	136100	138600	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	PI/2 BPSK	1	1	23.59	23.63	23.66	25.00
Channel				133100	136100	139100	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	PI/2 BPSK	1	1	23.64	23.59	23.63	25.00

【FR1 n71_Ant 0_ECI 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					136100		
Frequency (MHz)					680.5		
35	PI/2 BPSK	1	1		23.67		25.00
35	PI/2 BPSK	1	90		23.65		25.00
35	PI/2 BPSK	1	186		23.71		25.00
35	PI/2 BPSK	90	0		23.12		24.50
35	PI/2 BPSK	90	45		23.66		25.00
35	PI/2 BPSK	90	90		23.19		24.50
35	PI/2 BPSK	180	0		23.19		24.50
35	QPSK	1	1		23.63		25.00
35	QPSK	1	90		23.58		25.00
35	QPSK	1	186		23.70		25.00
35	QPSK	90	0		22.67		24.00
35	QPSK	90	45		23.70		25.00
35	QPSK	90	90		22.69		24.00
35	QPSK	180	0		22.71		24.00
35	16QAM	1	1		22.76		24.00
35	64QAM	1	1		21.22		22.50
35	256QAM	1	1		19.10		20.50
Channel				135600	136100	136600	Tune-up limit
Frequency (MHz)				678	680.5	683	(dBm)
30	PI/2 BPSK	1	1	23.64	23.59	23.63	25.00
Channel				135100	136100	137100	Tune-up limit
Frequency (MHz)				675.5	680.5	685.5	(dBm)
25	PI/2 BPSK	1	1	23.58	23.65	23.59	25.00
Channel				134600	136100	137600	Tune-up limit
Frequency (MHz)				673	680.5	688	(dBm)
20	PI/2 BPSK	1	1	23.60	23.67	23.65	25.00
Channel				134100	136100	138100	Tune-up limit
Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	PI/2 BPSK	1	1	23.62	23.62	23.58	25.00

Channel				133600	136100	138600	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	PI/2 BPSK	1	1	23.59	23.63	23.66	25.00
Channel				133100	136100	139100	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	PI/2 BPSK	1	1	23.64	23.59	23.63	25.00

【FR1 n71_Ant 0_ECI 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					136100		
Frequency (MHz)					680.5		
35	PI/2 BPSK	1	1		23.67		24.20
35	PI/2 BPSK	1	90		23.65		24.20
35	PI/2 BPSK	1	186		23.71		24.20
35	PI/2 BPSK	90	0		23.12		24.20
35	PI/2 BPSK	90	45		23.66		24.20
35	PI/2 BPSK	90	90		23.19		24.20
35	PI/2 BPSK	180	0		23.19		24.20
35	QPSK	1	1		23.63		24.20
35	QPSK	1	90		23.58		24.20
35	QPSK	1	186		23.70		24.20
35	QPSK	90	0		22.67		24.00
35	QPSK	90	45		23.70		24.20
35	QPSK	90	90		22.69		24.00
35	QPSK	180	0		22.71		24.00
35	16QAM	1	1		22.76		24.00
35	64QAM	1	1		21.22		22.50
35	256QAM	1	1		19.10		20.50
Channel				135600	136100	136600	Tune-up limit
Frequency (MHz)				678	680.5	683	(dBm)
30	PI/2 BPSK	1	1	23.64	23.59	23.63	24.20
Channel				135100	136100	137100	Tune-up limit
Frequency (MHz)				675.5	680.5	685.5	(dBm)
25	PI/2 BPSK	1	1	23.58	23.65	23.59	24.20
Channel				134600	136100	137600	Tune-up limit
Frequency (MHz)				673	680.5	688	(dBm)
20	PI/2 BPSK	1	1	23.60	23.67	23.65	24.20
Channel				134100	136100	138100	Tune-up limit
Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	PI/2 BPSK	1	1	23.62	23.62	23.58	24.20
Channel				133600	136100	138600	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	PI/2 BPSK	1	1	23.59	23.63	23.66	24.20
Channel				133100	136100	139100	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	PI/2 BPSK	1	1	23.64	23.59	23.63	24.20

【FR1 n71_Ant 0_ECI 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					136100		
Frequency (MHz)					680.5		
35	PI/2 BPSK	1	1		23.67		23.80
35	PI/2 BPSK	1	90		23.65		23.80
35	PI/2 BPSK	1	186		23.71		23.80
35	PI/2 BPSK	90	0		23.12		23.80
35	PI/2 BPSK	90	45		23.66		23.80
35	PI/2 BPSK	90	90		23.19		23.80
35	PI/2 BPSK	180	0		23.19		23.80
35	QPSK	1	1		23.63		23.80
35	QPSK	1	90		23.58		23.80
35	QPSK	1	186		23.70		23.80
35	QPSK	90	0		22.67		23.80
35	QPSK	90	45		23.70		23.80
35	QPSK	90	90		22.69		23.80
35	QPSK	180	0		22.71		23.80
35	16QAM	1	1		22.76		23.80
35	64QAM	1	1		21.22		22.50
35	256QAM	1	1		19.10		20.50

Channel				135600	136100	136600	Tune-up limit
Frequency (MHz)				678	680.5	683	(dBm)
30	PI/2 BPSK	1	1	23.64	23.59	23.63	23.80
Channel				135100	136100	137100	Tune-up limit
Frequency (MHz)				675.5	680.5	685.5	(dBm)
25	PI/2 BPSK	1	1	23.58	23.65	23.59	23.80
Channel				134600	136100	137600	Tune-up limit
Frequency (MHz)				673	680.5	688	(dBm)
20	PI/2 BPSK	1	1	23.60	23.67	23.65	23.80
Channel				134100	136100	138100	Tune-up limit
Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	PI/2 BPSK	1	1	23.62	23.62	23.58	23.80
Channel				133600	136100	138600	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	PI/2 BPSK	1	1	23.59	23.63	23.66	23.80
Channel				133100	136100	139100	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	PI/2 BPSK	1	1	23.64	23.59	23.63	23.80

【FR1 n71_Ant 0_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					136100		
Frequency (MHz)					680.5		
35	PI/2 BPSK	1	1		23.67		23.80
35	PI/2 BPSK	1	90		23.65		23.80
35	PI/2 BPSK	1	186		23.71		23.80
35	PI/2 BPSK	90	0		23.12		23.80
35	PI/2 BPSK	90	45		23.66		23.80
35	PI/2 BPSK	90	90		23.19		23.80
35	PI/2 BPSK	180	0		23.19		23.80
35	QPSK	1	1		23.63		23.80
35	QPSK	1	90		23.58		23.80
35	QPSK	1	186		23.70		23.80
35	QPSK	90	0		22.67		23.80
35	QPSK	90	45		23.70		23.80
35	QPSK	90	90		22.69		23.80
35	QPSK	180	0		22.71		23.80
35	16QAM	1	1		22.76		23.80
35	64QAM	1	1		21.22		22.50
35	256QAM	1	1		19.10		20.50
Channel				135600	136100	136600	Tune-up limit
Frequency (MHz)				678	680.5	683	(dBm)
30	PI/2 BPSK	1	1	23.64	23.59	23.63	23.80
Channel				135100	136100	137100	Tune-up limit
Frequency (MHz)				675.5	680.5	685.5	(dBm)
25	PI/2 BPSK	1	1	23.58	23.65	23.59	23.80
Channel				134600	136100	137600	Tune-up limit
Frequency (MHz)				673	680.5	688	(dBm)
20	PI/2 BPSK	1	1	23.60	23.67	23.65	23.80
Channel				134100	136100	138100	Tune-up limit
Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	PI/2 BPSK	1	1	23.62	23.62	23.58	23.80
Channel				133600	136100	138600	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	PI/2 BPSK	1	1	23.59	23.63	23.66	23.80
Channel				133100	136100	139100	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	PI/2 BPSK	1	1	23.64	23.59	23.63	23.80

【FR1 n71_Ant 1_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					136100		
Frequency (MHz)					680.5		
35	PI/2 BPSK	1	1		24.11		24.80
35	PI/2 BPSK	1	90		24.21		24.80
35	PI/2 BPSK	1	186		24.20		24.80
35	PI/2 BPSK	90	0		23.83		24.30
35	PI/2 BPSK	90	45		24.29		24.80

35	PI/2 BPSK	90	90		23.95		24.30
35	PI/2 BPSK	180	0		23.96		24.30
35	QPSK	1	1		24.16		24.80
35	QPSK	1	90		24.07		24.80
35	QPSK	1	186		24.12		24.80
35	QPSK	90	0		23.33		23.80
35	QPSK	90	45		24.27		24.80
35	QPSK	90	90		23.48		23.80
35	QPSK	180	0		23.41		23.80
35	16QAM	1	1		23.46		23.80
35	64QAM	1	1		21.81		22.30
35	256QAM	1	1		19.69		20.30
Channel				135600	136100	136600	Tune-up limit (dBm)
Frequency (MHz)				678	680.5	683	
30	PI/2 BPSK	1	1	23.99	24.08	24.01	24.80
Channel				135100	136100	137100	Tune-up limit (dBm)
Frequency (MHz)				675.5	680.5	685.5	
25	PI/2 BPSK	1	1	23.93	23.99	23.95	24.80
Channel				134600	136100	137600	Tune-up limit (dBm)
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	23.90	23.94	23.96	24.80
Channel				134100	136100	138100	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	23.88	23.97	23.89	24.80
Channel				133600	136100	138600	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	23.87	23.97	23.96	24.80
Channel				133100	136100	139100	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	23.88	23.95	23.98	24.80

【FR1 n71_Ant 1_ECI 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					136100		
Frequency (MHz)					680.5		
35	PI/2 BPSK	1	1		24.11		24.50
35	PI/2 BPSK	1	90		24.21		24.50
35	PI/2 BPSK	1	186		24.20		24.50
35	PI/2 BPSK	90	0		23.83		24.30
35	PI/2 BPSK	90	45		24.29		24.50
35	PI/2 BPSK	90	90		23.95		24.30
35	PI/2 BPSK	180	0		23.96		24.30
35	QPSK	1	1		24.16		24.50
35	QPSK	1	90		24.07		24.50
35	QPSK	1	186		24.12		24.50
35	QPSK	90	0		23.33		23.80
35	QPSK	90	45		24.27		24.50
35	QPSK	90	90		23.48		23.80
35	QPSK	180	0		23.41		23.80
35	16QAM	1	1		23.46		23.80
35	64QAM	1	1		21.81		22.30
35	256QAM	1	1		19.69		20.30
Channel				135600	136100	136600	Tune-up limit (dBm)
Frequency (MHz)				678	680.5	683	
30	PI/2 BPSK	1	1	23.99	24.08	24.01	24.50
Channel				135100	136100	137100	Tune-up limit (dBm)
Frequency (MHz)				675.5	680.5	685.5	
25	PI/2 BPSK	1	1	23.93	23.99	23.95	24.50
Channel				134600	136100	137600	Tune-up limit (dBm)
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	23.90	23.94	23.96	24.50
Channel				134100	136100	138100	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	23.88	23.97	23.89	24.50
Channel				133600	136100	138600	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	23.87	23.97	23.96	24.50
Channel				133100	136100	139100	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	23.88	23.95	23.98	24.50

【FR1 n71_Ant 1_ECI 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					136100		Tune-up limit (dBm)
Frequency (MHz)					680.5		
35	PI/2 BPSK	1	1		24.33		24.80
35	PI/2 BPSK	1	90		24.31		24.80
35	PI/2 BPSK	1	186		24.32		24.80
35	PI/2 BPSK	90	0		23.83		24.30
35	PI/2 BPSK	90	45		24.43		24.80
35	PI/2 BPSK	90	90		23.95		24.30
35	PI/2 BPSK	180	0		23.88		24.30
35	QPSK	1	1		24.18		24.80
35	QPSK	1	90		24.23		24.80
35	QPSK	1	186		24.27		24.80
35	QPSK	90	0		23.35		23.80
35	QPSK	90	45		24.39		24.80
35	QPSK	90	90		23.47		23.80
35	QPSK	180	0		23.41		23.80
35	16QAM	1	1		23.47		23.80
35	64QAM	1	1		21.85		22.30
35	256QAM	1	1		19.69		20.30
Channel				135600	136100	136600	Tune-up limit (dBm)
Frequency (MHz)				678	680.5	683	
30	PI/2 BPSK	1	1	24.26	24.29	24.20	24.80
Channel				135100	136100	137100	Tune-up limit (dBm)
Frequency (MHz)				675.5	680.5	685.5	
25	PI/2 BPSK	1	1	24.18	24.28	24.07	24.80
Channel				134600	136100	137600	Tune-up limit (dBm)
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	24.17	24.18	24.05	24.80
Channel				134100	136100	138100	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	24.23	24.18	24.15	24.80
Channel				133600	136100	138600	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	24.24	24.27	24.06	24.80
Channel				133100	136100	139100	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	24.15	24.22	24.12	24.80

【FR1 n71_Ant 1_ECI 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					136100		Tune-up limit (dBm)
Frequency (MHz)					680.5		
35	PI/2 BPSK	1	1		24.33		24.80
35	PI/2 BPSK	1	90		24.31		24.80
35	PI/2 BPSK	1	186		24.32		24.80
35	PI/2 BPSK	90	0		23.83		24.30
35	PI/2 BPSK	90	45		24.43		24.80
35	PI/2 BPSK	90	90		23.95		24.30
35	PI/2 BPSK	180	0		23.88		24.30
35	QPSK	1	1		24.18		24.80
35	QPSK	1	90		24.23		24.80
35	QPSK	1	186		24.27		24.80
35	QPSK	90	0		23.35		23.80
35	QPSK	90	45		24.39		24.80
35	QPSK	90	90		23.47		23.80
35	QPSK	180	0		23.41		23.80
35	16QAM	1	1		23.47		23.80
35	64QAM	1	1		21.85		22.30
35	256QAM	1	1		19.69		20.30
Channel				135600	136100	136600	Tune-up limit (dBm)
Frequency (MHz)				678	680.5	683	
30	PI/2 BPSK	1	1	24.26	24.29	24.20	24.80
Channel				135100	136100	137100	Tune-up limit (dBm)
Frequency (MHz)				675.5	680.5	685.5	
25	PI/2 BPSK	1	1	24.18	24.28	24.07	24.80
Channel				134600	136100	137600	Tune-up limit (dBm)
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	24.17	24.18	24.05	24.80

Channel				134100	136100	138100	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	24.23	24.18	24.15	24.80
Channel				133600	136100	138600	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	24.24	24.27	24.06	24.80
Channel				133100	136100	139100	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	24.15	24.22	24.12	24.80

【FR1 n71_Ant 1_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					136100		
Frequency (MHz)					680.5		
35	PI/2 BPSK	1	1		24.33		24.80
35	PI/2 BPSK	1	90		24.31		24.80
35	PI/2 BPSK	1	186		24.32		24.80
35	PI/2 BPSK	90	0		23.83		24.30
35	PI/2 BPSK	90	45		24.43		24.80
35	PI/2 BPSK	90	90		23.95		24.30
35	PI/2 BPSK	180	0		23.88		24.30
35	QPSK	1	1		24.18		24.80
35	QPSK	1	90		24.23		24.80
35	QPSK	1	186		24.27		24.80
35	QPSK	90	0		23.35		23.80
35	QPSK	90	45		24.39		24.80
35	QPSK	90	90		23.47		23.80
35	QPSK	180	0		23.41		23.80
35	16QAM	1	1		23.47		23.80
35	64QAM	1	1		21.85		22.30
35	256QAM	1	1		19.69		20.30
Channel				135600	136100	136600	Tune-up limit (dBm)
Frequency (MHz)				678	680.5	683	
30	PI/2 BPSK	1	1	24.26	24.29	24.20	24.80
Channel				135100	136100	137100	Tune-up limit (dBm)
Frequency (MHz)				675.5	680.5	685.5	
25	PI/2 BPSK	1	1	24.18	24.28	24.07	24.80
Channel				134600	136100	137600	Tune-up limit (dBm)
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	24.17	24.18	24.05	24.80
Channel				134100	136100	138100	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	24.23	24.18	24.15	24.80
Channel				133600	136100	138600	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	24.24	24.27	24.06	24.80
Channel				133100	136100	139100	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	24.15	24.22	24.12	24.80

【FR1 n77 (27Q) FCC_Part 27Q (3450~3550MHz)_Ant 1_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		14.44		15.60
100	PI/2 BPSK	1	137		14.34		15.60
100	PI/2 BPSK	1	271		14.33		15.60
100	PI/2 BPSK	135	0		14.34		15.60

100	PI/2 BPSK	135	69		14.30		15.60
100	PI/2 BPSK	135	138		14.29		15.60
100	PI/2 BPSK	270	0		14.30		15.60
100	QPSK	1	1		14.38		15.60
100	QPSK	1	137		14.30		15.60
100	QPSK	1	271		14.28		15.60
100	QPSK	135	0		14.34		15.60
100	QPSK	135	69		14.32		15.60
100	QPSK	135	138		14.30		15.60
100	QPSK	270	0		14.33		15.60
100	16QAM	1	1		14.59		15.60
100	64QAM	1	1		14.35		15.60
100	256QAM	1	1		14.69		15.60
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	14.43	14.42	14.37	15.60
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	14.28	14.37	14.25	15.60
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	14.31	14.37	14.22	15.60
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	14.35	14.40	14.35	15.60
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	14.31	14.38	14.30	15.60
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	14.40	14.39	14.30	15.60
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	14.38	14.36	14.24	15.60
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	14.41	14.31	14.22	15.60
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	14.41	14.31	14.30	15.60
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	14.30	14.33	14.35	15.60
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	14.29	14.38	14.24	15.60

【FR1 n77 (270) _FCC_Part 270 (3700~3980MHz)_Ant 1_ECI 2】

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	14.48	14.21	14.42	15.60
100	PI/2 BPSK	1	137	14.66	14.47	14.57	15.60
100	PI/2 BPSK	1	271	14.69	14.51	14.58	15.60
100	PI/2 BPSK	135	0	14.55	14.36	14.45	15.60
100	PI/2 BPSK	135	69	14.50	14.31	14.44	15.60
100	PI/2 BPSK	135	138	14.56	14.39	14.48	15.60
100	PI/2 BPSK	270	0	14.52	14.33	14.46	15.60
100	QPSK	1	1	14.41	14.22	14.33	15.60
100	QPSK	1	137	14.57	14.42	14.49	15.60
100	QPSK	1	271	14.68	14.47	14.55	15.60
100	QPSK	135	0	14.55	14.37	14.55	15.60
100	QPSK	135	69	14.46	14.33	14.48	15.60
100	QPSK	135	138	14.64	14.41	14.54	15.60
100	QPSK	270	0	14.63	14.38	14.45	15.60
100	16QAM	1	1	14.68	14.43	14.60	15.60
100	64QAM	1	1	14.36	14.19	14.34	15.60
100	256QAM	1	1	14.70	14.53	14.69	15.60
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	14.36	14.10	14.32	15.60
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)

80	PI/2 BPSK	1	1	14.34	14.18	14.39	15.60
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	14.42	14.14	14.36	15.60
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	14.35	14.18	14.35	15.60
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	14.44	14.13	14.29	15.60
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	14.38	14.12	14.30	15.60
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	14.34	14.11	14.37	15.60
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	14.33	14.12	14.40	15.60
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	14.45	14.15	14.33	15.60
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	14.38	14.11	14.41	15.60
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	14.45	14.11	14.39	15.60

【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 1_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		14.44		14.90
100	PI/2 BPSK	1	137		14.34		14.90
100	PI/2 BPSK	1	271		14.33		14.90
100	PI/2 BPSK	135	0		14.34		14.90
100	PI/2 BPSK	135	69		14.30		14.90
100	PI/2 BPSK	135	138		14.29		14.90
100	PI/2 BPSK	270	0		14.30		14.90
100	QPSK	1	1		14.38		14.90
100	QPSK	1	137		14.30		14.90
100	QPSK	1	271		14.28		14.90
100	QPSK	135	0		14.34		14.90
100	QPSK	135	69		14.32		14.90
100	QPSK	135	138		14.30		14.90
100	QPSK	270	0		14.33		14.90
100	16QAM	1	1		14.59		14.90
100	64QAM	1	1		14.35		14.90
100	256QAM	1	1		14.69		14.90
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	14.43	14.42	14.37	14.90
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	14.28	14.37	14.25	14.90
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	14.31	14.37	14.22	14.90
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	14.35	14.40	14.35	14.90
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	14.31	14.38	14.30	14.90
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	14.40	14.39	14.30	14.90
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	14.38	14.36	14.24	14.90
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)

25	PI/2 BPSK	1	1	14.41	14.31	14.22	14.90
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	14.41	14.31	14.30	14.90
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	14.30	14.33	14.35	14.90
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	14.29	14.38	14.24	14.90

【FR1 n77 (270) _ FCC_Part 270 (3700~3980MHz)_Ant 1 _ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	Tune-up limit
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	14.48	14.21	14.42	14.90
100	PI/2 BPSK	1	137	14.66	14.47	14.57	14.90
100	PI/2 BPSK	1	271	14.69	14.51	14.58	14.90
100	PI/2 BPSK	135	0	14.55	14.36	14.45	14.90
100	PI/2 BPSK	135	69	14.50	14.31	14.44	14.90
100	PI/2 BPSK	135	138	14.56	14.39	14.48	14.90
100	PI/2 BPSK	270	0	14.52	14.33	14.46	14.90
100	QPSK	1	1	14.41	14.22	14.33	14.90
100	QPSK	1	137	14.57	14.42	14.49	14.90
100	QPSK	1	271	14.68	14.47	14.55	14.90
100	QPSK	135	0	14.55	14.37	14.55	14.90
100	QPSK	135	69	14.46	14.33	14.48	14.90
100	QPSK	135	138	14.64	14.41	14.54	14.90
100	QPSK	270	0	14.63	14.38	14.45	14.90
100	16QAM	1	1	14.68	14.43	14.60	14.90
100	64QAM	1	1	14.36	14.19	14.34	14.90
100	256QAM	1	1	14.70	14.53	14.69	14.90
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	14.36	14.10	14.32	14.90
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	14.34	14.18	14.39	14.90
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	14.42	14.14	14.36	14.90
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	14.35	14.18	14.35	14.90
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	14.44	14.13	14.29	14.90
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	14.38	14.12	14.30	14.90
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	14.34	14.11	14.37	14.90
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	14.33	14.12	14.40	14.90
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	14.45	14.15	14.33	14.90
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	14.38	14.11	14.41	14.90
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	14.45	14.11	14.39	14.90

【FR1 n77 (27Q) _ FCC_Part 27Q (3450~3550MHz)_Ant 1 _ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
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Channel				633332		
Frequency (MHz)				3499.98		
100	PI/2 BPSK	1	1	13.07		14.30
100	PI/2 BPSK	1	137	13.06		14.30
100	PI/2 BPSK	1	271	13.10		14.30
100	PI/2 BPSK	135	0	12.99		14.30
100	PI/2 BPSK	135	69	12.97		14.30
100	PI/2 BPSK	135	138	13.01		14.30
100	PI/2 BPSK	270	0	12.95		14.30
100	QPSK	1	1	13.01		14.30
100	QPSK	1	137	13.05		14.30
100	QPSK	1	271	13.05		14.30
100	QPSK	135	0	12.96		14.30
100	QPSK	135	69	12.92		14.30
100	QPSK	135	138	13.01		14.30
100	QPSK	270	0	12.93		14.30
100	16QAM	1	1	13.05		14.30
100	64QAM	1	1	13.00		14.30
100	256QAM	1	1	13.01		14.30
Channel				633000	633332	633666
Frequency (MHz)				3495	3499.98	3504.99
90	PI/2 BPSK	1	1	12.95	12.97	12.90
Channel				632668	633332	634000
Frequency (MHz)				3490.02	3499.98	3510
80	PI/2 BPSK	1	1	13.00	13.04	12.97
Channel				632334	633332	634332
Frequency (MHz)				3485.01	3499.98	3514.98
70	PI/2 BPSK	1	1	12.91	12.95	12.96
Channel				632000	633332	634666
Frequency (MHz)				3480	3499.98	3519.99
60	PI/2 BPSK	1	1	12.93	12.90	12.85
Channel				631668	633332	635000
Frequency (MHz)				3475.02	3499.98	3525
50	PI/2 BPSK	1	1	12.88	12.95	12.93
Channel				631334	633332	635332
Frequency (MHz)				3470.01	3499.98	3529.98
40	PI/2 BPSK	1	1	13.05	13.05	13.01
Channel				631000	633332	635666
Frequency (MHz)				3465	3499.98	3534.99
30	PI/2 BPSK	1	1	13.00	13.01	12.94
Channel				630834	633332	635832
Frequency (MHz)				3462.51	3499.98	3537.48
25	PI/2 BPSK	1	1	13.03	13.07	12.98
Channel				630668	633332	636000
Frequency (MHz)				3460.02	3499.98	3540
20	PI/2 BPSK	1	1	12.94	13.00	12.96
Channel				630500	633332	636166
Frequency (MHz)				3457.5	3499.98	3542.49
15	PI/2 BPSK	1	1	12.98	13.02	13.01
Channel				630334	633332	636332
Frequency (MHz)				3455.01	3499.98	3544.98
10	PI/2 BPSK	1	1	12.99	13.01	12.96

【FR1 n77 (270) _ FCC_Part 270 (3700~3980MHz)_Ant 1 _ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	13.26	13.28	13.22	14.30
100	PI/2 BPSK	1	137	13.22	13.29	13.12	14.30
100	PI/2 BPSK	1	271	13.10	13.25	13.16	14.30
100	PI/2 BPSK	135	0	12.98	13.05	12.89	14.30
100	PI/2 BPSK	135	69	13.02	13.07	12.93	14.30
100	PI/2 BPSK	135	138	13.14	13.18	13.06	14.30
100	PI/2 BPSK	270	0	12.96	13.07	12.89	14.30
100	QPSK	1	1	13.00	13.15	12.94	14.30
100	QPSK	1	137	13.08	13.23	13.03	14.30
100	QPSK	1	271	13.02	13.18	13.04	14.30
100	QPSK	135	0	12.95	13.05	12.90	14.30
100	QPSK	135	69	12.94	13.01	12.80	14.30
100	QPSK	135	138	13.05	13.12	13.04	14.30
100	QPSK	270	0	12.89	13.04	12.88	14.30
100	16QAM	1	1	13.02	13.07	12.95	14.30
100	64QAM	1	1	12.83	12.88	12.78	14.30

100	256QAM	1	1	13.08	13.19	13.07	14.30
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	13.22	13.21	13.19	14.30
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	13.12	13.24	13.09	14.30
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	13.17	13.19	13.19	14.30
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	13.17	13.18	13.19	14.30
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	13.12	13.16	13.10	14.30
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	13.14	13.24	13.17	14.30
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	13.11	13.23	13.13	14.30
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	13.15	13.19	13.15	14.30
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	13.24	13.20	13.18	14.30
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	13.12	13.25	13.19	14.30
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	13.19	13.24	13.17	14.30

【FR1 n77 (27Q)_ FCC_Part 27Q (3450~3550MHz)_Ant 1_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		15.42		17.30
100	PI/2 BPSK	1	137		15.50		17.30
100	PI/2 BPSK	1	271		15.53		17.30
100	PI/2 BPSK	135	0		15.36		17.30
100	PI/2 BPSK	135	69		15.36		17.30
100	PI/2 BPSK	135	138		15.46		17.30
100	PI/2 BPSK	270	0		15.40		17.30
100	QPSK	1	1		15.40		17.30
100	QPSK	1	137		15.50		17.30
100	QPSK	1	271		15.52		17.30
100	QPSK	135	0		15.38		17.30
100	QPSK	135	69		15.46		17.30
100	QPSK	135	138		15.46		17.30
100	QPSK	270	0		15.39		17.30
100	16QAM	1	1		15.54		17.30
100	64QAM	1	1		15.19		17.30
100	256QAM	1	1		15.17		17.30
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	15.41	15.40	15.40	17.30
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	15.32	15.27	15.29	17.30
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	15.29	15.25	15.38	17.30
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	15.30	15.28	15.35	17.30
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	15.34	15.25	15.33	17.30
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)

40	PI/2 BPSK	1	1	15.36	15.31	15.28	17.30
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	15.29	15.25	15.36	17.30
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	15.31	15.36	15.28	17.30
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	15.32	15.28	15.26	17.30
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	15.35	15.29	15.36	17.30
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	15.31	15.28	15.32	17.30

【FR1 n77 (270)_FCC_Part 270 (3700~3980MHz)_Ant 1_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	15.61	15.55	15.66	17.30
100	PI/2 BPSK	1	137	15.63	15.70	15.69	17.30
100	PI/2 BPSK	1	271	15.61	15.70	15.66	17.30
100	PI/2 BPSK	135	0	15.52	15.59	15.64	17.30
100	PI/2 BPSK	135	69	15.55	15.62	15.62	17.30
100	PI/2 BPSK	135	138	15.60	15.70	15.66	17.30
100	PI/2 BPSK	270	0	15.61	15.62	15.66	17.30
100	QPSK	1	1	15.57	15.55	15.64	17.30
100	QPSK	1	137	15.60	15.69	15.64	17.30
100	QPSK	1	271	15.61	15.67	15.64	17.30
100	QPSK	135	0	15.60	15.62	15.65	17.30
100	QPSK	135	69	15.61	15.68	15.65	17.30
100	QPSK	135	138	15.61	15.68	15.65	17.30
100	QPSK	270	0	15.56	15.62	15.70	17.30
100	16QAM	1	1	15.60	15.69	15.65	17.30
100	64QAM	1	1	15.25	15.31	15.39	17.30
100	256QAM	1	1	15.21	15.29	15.40	17.30
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	15.56	15.54	15.64	17.30
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	15.48	15.43	15.66	17.30
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	15.49	15.49	15.62	17.30
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	15.57	15.44	15.64	17.30
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	15.50	15.47	15.61	17.30
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	15.50	15.47	15.59	17.30
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	15.58	15.51	15.61	17.30
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	15.48	15.47	15.67	17.30
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	15.52	15.42	15.66	17.30
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	15.59	15.53	15.69	17.30
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	15.54	15.49	15.68	17.30

【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 1_ECI 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				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
100	PI/2 BPSK	1	1	12.95	13.07		14.30
100	PI/2 BPSK	1	137		13.06		14.30
100	PI/2 BPSK	1	271		13.10		14.30
100	PI/2 BPSK	135	0		12.99		14.30
100	PI/2 BPSK	135	69		12.97		14.30
100	PI/2 BPSK	135	138		13.01		14.30
100	PI/2 BPSK	270	0		12.95		14.30
100	QPSK	1	1		13.01		14.30
100	QPSK	1	137		13.05		14.30
100	QPSK	1	271		13.05		14.30
100	QPSK	135	0		12.96		14.30
100	QPSK	135	69		12.92		14.30
100	QPSK	135	138		13.01		14.30
100	QPSK	270	0		12.93		14.30
100	16QAM	1	1		13.05		14.30
100	64QAM	1	1		13.00		14.30
100	256QAM	1	1		13.01		14.30
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	12.95	12.97	12.90	14.30
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	13.00	13.04	12.97	14.30
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	12.91	12.95	12.96	14.30
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	12.93	12.90	12.85	14.30
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	12.88	12.95	12.93	14.30
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	13.05	13.05	13.01	14.30
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	13.00	13.01	12.94	14.30
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	13.03	13.07	12.98	14.30
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	12.94	13.00	12.96	14.30
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	12.98	13.02	13.01	14.30
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	12.99	13.01	12.96	14.30

【FR1 n77 (27Q)_FCC_Part 27Q (3700~3980MHz)_Ant 1_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	Tune-up limit
Frequency (MHz)				3750	3840	3930	(dBm)
100	PI/2 BPSK	1	1	13.26	13.28	13.22	14.30
100	PI/2 BPSK	1	137	13.22	13.29	13.12	14.30
100	PI/2 BPSK	1	271	13.10	13.25	13.16	14.30
100	PI/2 BPSK	135	0	12.98	13.05	12.89	14.30
100	PI/2 BPSK	135	69	13.02	13.07	12.93	14.30
100	PI/2 BPSK	135	138	13.14	13.18	13.06	14.30
100	PI/2 BPSK	270	0	12.96	13.07	12.89	14.30
100	QPSK	1	1	13.00	13.15	12.94	14.30
100	QPSK	1	137	13.08	13.23	13.03	14.30
100	QPSK	1	271	13.02	13.18	13.04	14.30

100	QPSK	135	0	12.95	13.05	12.90	14.30
100	QPSK	135	69	12.94	13.01	12.80	14.30
100	QPSK	135	138	13.05	13.12	13.04	14.30
100	QPSK	270	0	12.89	13.04	12.88	14.30
100	16QAM	1	1	13.02	13.07	12.95	14.30
100	64QAM	1	1	12.83	12.88	12.78	14.30
100	256QAM	1	1	13.08	13.19	13.07	14.30
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	13.22	13.21	13.19	14.30
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	13.12	13.24	13.09	14.30
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	13.17	13.19	13.19	14.30
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	13.17	13.18	13.19	14.30
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	13.12	13.16	13.10	14.30
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	13.14	13.24	13.17	14.30
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	13.11	13.23	13.13	14.30
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	13.15	13.19	13.15	14.30
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	13.24	13.20	13.18	14.30
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	13.12	13.25	13.19	14.30
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	13.19	13.24	13.17	14.30

【FR1 n77 (27Q) FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 1_ECI 2】

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		17.51		18.60
100	PI/2 BPSK	1	137		17.45		18.60
100	PI/2 BPSK	1	271		17.49		18.60
100	PI/2 BPSK	135	0		17.51		18.60
100	PI/2 BPSK	135	69		17.45		18.60
100	PI/2 BPSK	135	138		17.51		18.60
100	PI/2 BPSK	270	0		17.47		18.60
100	QPSK	1	1		17.51		18.60
100	QPSK	1	137		17.48		18.60
100	QPSK	1	271		17.51		18.60
100	QPSK	135	0		17.51		18.60
100	QPSK	135	69		17.48		18.60
100	QPSK	135	138		17.51		18.60
100	QPSK	270	0		17.50		18.60
100	16QAM	1	1		17.42		18.60
100	64QAM	1	1		17.48		18.60
100	256QAM	1	1		17.70		18.60
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	17.47	17.48	17.45	18.60
Channel				632668	633332	634000	Tune-up limit

	Frequency (MHz)			3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	17.34	17.35	17.30	18.60
	Channel			632334	633332	634332	Tune-up limit
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	17.44	17.42	17.34	18.60
	Channel			632000	633332	634666	Tune-up limit
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	17.35	17.44	17.40	18.60
	Channel			631668	633332	635000	Tune-up limit
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	17.37	17.35	17.35	18.60
	Channel			631334	633332	635332	Tune-up limit
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	17.36	17.34	17.36	18.60
	Channel			631000	633332	635666	Tune-up limit
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	17.41	17.46	17.40	18.60
	Channel			630834	633332	635832	Tune-up limit
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	17.32	17.34	17.31	18.60
	Channel			630668	633332	636000	Tune-up limit
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	17.44	17.47	17.31	18.60
	Channel			630500	633332	636166	Tune-up limit
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	17.42	17.34	17.40	18.60
	Channel			630334	633332	636332	Tune-up limit
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	17.35	17.39	17.43	18.60

【FR1 n77 (270)_FCC_Part 270 (3700~3980MHz)_HPUE_Ant 1_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel			650000	656000	662000	
	Frequency (MHz)			3750	3840	3930	
100	PI/2 BPSK	1	1	17.58	17.51	17.57	18.60
100	PI/2 BPSK	1	137	17.54	17.69	17.67	18.60
100	PI/2 BPSK	1	271	17.52	17.70	17.68	18.60
100	PI/2 BPSK	135	0	17.66	17.68	17.69	18.60
100	PI/2 BPSK	135	69	17.51	17.64	17.57	18.60
100	PI/2 BPSK	135	138	17.51	17.69	17.66	18.60
100	PI/2 BPSK	270	0	17.53	17.64	17.58	18.60
100	QPSK	1	1	17.62	17.51	17.61	18.60
100	QPSK	1	137	17.58	17.69	17.62	18.60
100	QPSK	1	271	17.55	17.69	17.66	18.60
100	QPSK	135	0	17.69	17.68	17.64	18.60
100	QPSK	135	69	17.56	17.65	17.58	18.60
100	QPSK	135	138	17.55	17.68	17.67	18.60
100	QPSK	270	0	17.58	17.65	17.65	18.60
100	16QAM	1	1	17.54	17.40	17.51	18.60
100	64QAM	1	1	17.58	17.46	17.56	18.60
100	256QAM	1	1	17.69	17.70	17.65	18.60
	Channel			649668	656000	662332	Tune-up limit
	Frequency (MHz)			3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	17.50	17.37	17.54	18.60
	Channel			649334	656000	662666	Tune-up limit
	Frequency (MHz)			3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	17.47	17.50	17.57	18.60
	Channel			649000	656000	663000	Tune-up limit
	Frequency (MHz)			3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	17.51	17.44	17.65	18.60
	Channel			648668	656000	663332	Tune-up limit
	Frequency (MHz)			3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	17.43	17.45	17.54	18.60
	Channel			648334	656000	663666	Tune-up limit
	Frequency (MHz)			3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	17.44	17.47	17.52	18.60
	Channel			648000	656000	664000	Tune-up limit
	Frequency (MHz)			3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	17.51	17.41	17.66	18.60
	Channel			647668	656000	664332	Tune-up limit
	Frequency (MHz)			3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	17.49	17.49	17.58	18.60
	Channel			647500	656000	664500	Tune-up limit

	Frequency (MHz)			3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	17.51	17.37	17.55	18.60
	Channel			647334	656000	664666	Tune-up limit
	Frequency (MHz)			3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	17.56	17.45	17.64	18.60
	Channel			647168	656000	664832	Tune-up limit
	Frequency (MHz)			3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	17.57	17.48	17.64	18.60
	Channel			647000	656000	665000	Tune-up limit
	Frequency (MHz)			3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	17.44	17.41	17.59	18.60

【FR1 n77 (27Q) _FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 1_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel				633332		
	Frequency (MHz)				3499.98		
100	PI/2 BPSK	1	1		17.51		17.90
100	PI/2 BPSK	1	137		17.45		17.90
100	PI/2 BPSK	1	271		17.49		17.90
100	PI/2 BPSK	135	0		17.51		17.90
100	PI/2 BPSK	135	69		17.45		17.90
100	PI/2 BPSK	135	138		17.51		17.90
100	PI/2 BPSK	270	0		17.47		17.90
100	QPSK	1	1		17.51		17.90
100	QPSK	1	137		17.48		17.90
100	QPSK	1	271		17.51		17.90
100	QPSK	135	0		17.51		17.90
100	QPSK	135	69		17.48		17.90
100	QPSK	135	138		17.51		17.90
100	QPSK	270	0		17.50		17.90
100	16QAM	1	1		17.42		17.90
100	64QAM	1	1		17.48		17.90
100	256QAM	1	1		17.70		17.90
	Channel			633000	633332	633666	Tune-up limit
	Frequency (MHz)			3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	17.47	17.48	17.45	17.90
	Channel			632668	633332	634000	Tune-up limit
	Frequency (MHz)			3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	17.34	17.35	17.30	17.90
	Channel			632334	633332	634332	Tune-up limit
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	17.44	17.42	17.34	17.90
	Channel			632000	633332	634666	Tune-up limit
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	17.35	17.44	17.40	17.90
	Channel			631668	633332	635000	Tune-up limit
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	17.37	17.35	17.35	17.90
	Channel			631334	633332	635332	Tune-up limit
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	17.36	17.34	17.36	17.90
	Channel			631000	633332	635666	Tune-up limit
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	17.41	17.46	17.40	17.90
	Channel			630834	633332	635832	Tune-up limit
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	17.32	17.34	17.31	17.90
	Channel			630668	633332	636000	Tune-up limit
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	17.44	17.47	17.31	17.90
	Channel			630500	633332	636166	Tune-up limit
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	17.42	17.34	17.40	17.90
	Channel			630334	633332	636332	Tune-up limit
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	17.35	17.39	17.43	17.90

【FR1 n77 (27O) _FCC_Part 27O (3700~3980MHz)_HPUE_Ant 1_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low	Power Middle	Power High	Tune-up limit (dBm)
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Channel				Ch. / Freq.	Ch. / Freq.	Ch. / Freq.	
Frequency (MHz)				650000	656000	662000	
				3750	3840	3930	
100	PI/2 BPSK	1	1	17.58	17.51	17.57	17.90
100	PI/2 BPSK	1	137	17.54	17.69	17.67	17.90
100	PI/2 BPSK	1	271	17.52	17.70	17.68	17.90
100	PI/2 BPSK	135	0	17.66	17.68	17.69	17.90
100	PI/2 BPSK	135	69	17.51	17.64	17.57	17.90
100	PI/2 BPSK	135	138	17.51	17.69	17.66	17.90
100	PI/2 BPSK	270	0	17.53	17.64	17.58	17.90
100	QPSK	1	1	17.62	17.51	17.61	17.90
100	QPSK	1	137	17.58	17.69	17.62	17.90
100	QPSK	1	271	17.55	17.69	17.66	17.90
100	QPSK	135	0	17.69	17.68	17.64	17.90
100	QPSK	135	69	17.56	17.65	17.58	17.90
100	QPSK	135	138	17.55	17.68	17.67	17.90
100	QPSK	270	0	17.58	17.65	17.65	17.90
100	16QAM	1	1	17.54	17.40	17.51	17.90
100	64QAM	1	1	17.58	17.46	17.56	17.90
100	256QAM	1	1	17.69	17.70	17.65	17.90
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	17.50	17.37	17.54	17.90
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	17.47	17.50	17.57	17.90
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	17.51	17.44	17.65	17.90
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	17.43	17.45	17.54	17.90
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	17.44	17.47	17.52	17.90
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	17.51	17.41	17.66	17.90
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	17.49	17.49	17.58	17.90
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	17.51	17.37	17.55	17.90
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	17.56	17.45	17.64	17.90
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	17.57	17.48	17.64	17.90
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	17.44	17.41	17.59	17.90

【FR1 n77 (27Q) _FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 1_ECI 6】

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		15.94		17.30
100	PI/2 BPSK	1	137		16.05		17.30
100	PI/2 BPSK	1	271		16.08		17.30
100	PI/2 BPSK	135	0		15.87		17.30
100	PI/2 BPSK	135	69		15.84		17.30
100	PI/2 BPSK	135	138		16.02		17.30
100	PI/2 BPSK	270	0		15.98		17.30
100	QPSK	1	1		15.95		17.30
100	QPSK	1	137		16.00		17.30
100	QPSK	1	271		16.02		17.30
100	QPSK	135	0		15.92		17.30
100	QPSK	135	69		16.00		17.30
100	QPSK	135	138		16.00		17.30
100	QPSK	270	0		16.01		17.30
100	16QAM	1	1		15.60		17.30

100	64QAM	1	1		16.24		17.30
100	256QAM	1	1		16.07		17.30
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	15.99	15.94	15.99	17.30
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	15.89	15.87	15.85	17.30
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	15.86	15.89	15.88	17.30
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	15.93	15.91	15.88	17.30
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	15.83	15.89	15.83	17.30
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	15.77	15.84	15.95	17.30
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	15.82	15.85	15.86	17.30
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	15.85	15.90	15.89	17.30
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	15.94	15.90	15.76	17.30
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	15.94	15.91	15.82	17.30
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	15.85	15.94	15.91	17.30

【FR1 n77 (270)_FCC_Part 270 (3700~3980MHz)_HPUE_Ant 1_ECI 6】

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	16.03	15.92	16.13	17.30
100	PI/2 BPSK	1	137	16.04	16.05	16.08	17.30
100	PI/2 BPSK	1	271	16.08	16.03	16.04	17.30
100	PI/2 BPSK	135	0	15.98	15.95	16.12	17.30
100	PI/2 BPSK	135	69	15.94	16.02	16.02	17.30
100	PI/2 BPSK	135	138	16.02	16.03	16.06	17.30
100	PI/2 BPSK	270	0	16.00	16.10	16.04	17.30
100	QPSK	1	1	15.79	15.93	16.01	17.30
100	QPSK	1	137	16.04	16.01	16.09	17.30
100	QPSK	1	271	16.05	15.98	16.08	17.30
100	QPSK	135	0	15.98	16.08	16.13	17.30
100	QPSK	135	69	15.96	16.06	16.00	17.30
100	QPSK	135	138	16.08	16.04	16.08	17.30
100	QPSK	270	0	15.96	16.01	16.04	17.30
100	16QAM	1	1	15.58	15.60	15.70	17.30
100	64QAM	1	1	15.97	16.11	16.08	17.30
100	256QAM	1	1	15.93	16.07	16.02	17.30
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	15.95	15.88	16.11	17.30
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	15.92	15.80	16.01	17.30
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	15.89	15.86	16.05	17.30
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	15.98	15.80	15.98	17.30
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	15.95	15.89	16.04	17.30
Channel				648000	656000	664000	Tune-up limit

Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	15.99	15.86	16.06	17.30
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	15.90	15.82	16.11	17.30
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	15.90	15.84	16.06	17.30
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	15.97	15.82	16.07	17.30
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	15.95	15.78	16.08	17.30
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	15.97	15.81	15.99	17.30

【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 1_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		18.48		20.30
100	PI/2 BPSK	1	137		18.54		20.30
100	PI/2 BPSK	1	271		18.57		20.30
100	PI/2 BPSK	135	0		18.38		20.30
100	PI/2 BPSK	135	69		18.38		20.30
100	PI/2 BPSK	135	138		18.50		20.30
100	PI/2 BPSK	270	0		18.46		20.30
100	QPSK	1	1		18.43		20.30
100	QPSK	1	137		18.49		20.30
100	QPSK	1	271		18.52		20.30
100	QPSK	135	0		18.45		20.30
100	QPSK	135	69		18.47		20.30
100	QPSK	135	138		18.55		20.30
100	QPSK	270	0		18.49		20.30
100	16QAM	1	1		18.09		20.30
100	64QAM	1	1		18.70		20.30
100	256QAM	1	1		18.59		20.30
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	18.47	18.47	18.46	20.30
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	18.44	18.35	18.42	20.30
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	18.36	18.40	18.43	20.30
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	18.44	18.39	18.34	20.30
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	18.38	18.40	18.35	20.30
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	18.32	18.40	18.41	20.30
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	18.32	18.33	18.32	20.30
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	18.37	18.44	18.42	20.30
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	18.44	18.36	18.34	20.30
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	18.43	18.43	18.33	20.30
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	18.34	18.36	18.40	20.30

【FR1 n77 (270) _FCC_Part 270 (3700~3980MHz)_HPUE_Ant 1_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	Tune-up limit (dBm)
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	18.64	18.59	18.68	20.30
100	PI/2 BPSK	1	137	18.67	18.70	18.69	20.30
100	PI/2 BPSK	1	271	18.64	18.70	18.68	20.30
100	PI/2 BPSK	135	0	18.64	18.61	18.67	20.30
100	PI/2 BPSK	135	69	18.57	18.63	18.68	20.30
100	PI/2 BPSK	135	138	18.63	18.70	18.63	20.30
100	PI/2 BPSK	270	0	18.64	18.70	18.68	20.30
100	QPSK	1	1	18.43	18.52	18.62	20.30
100	QPSK	1	137	18.64	18.66	18.68	20.30
100	QPSK	1	271	18.64	18.66	18.68	20.30
100	QPSK	135	0	18.62	18.69	18.68	20.30
100	QPSK	135	69	18.64	18.65	18.67	20.30
100	QPSK	135	138	18.63	18.63	18.67	20.30
100	QPSK	270	0	18.64	18.64	18.68	20.30
100	16QAM	1	1	18.21	18.20	18.31	20.30
100	64QAM	1	1	18.64	18.66	18.68	20.30
100	256QAM	1	1	18.61	18.70	18.67	20.30
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	18.56	18.54	18.65	20.30
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	18.55	18.45	18.70	20.30
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	18.50	18.53	18.66	20.30
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	18.57	18.46	18.63	20.30
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	18.60	18.56	18.63	20.30
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	18.63	18.51	18.70	20.30
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	18.55	18.44	18.66	20.30
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	18.50	18.52	18.61	20.30
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	18.60	18.46	18.64	20.30
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	18.58	18.56	18.64	20.30
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	18.51	18.51	18.68	20.30

【FR1 n77 (27Q) _FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 1_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		Tune-up limit (dBm)
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		15.94		17.30
100	PI/2 BPSK	1	137		16.05		17.30
100	PI/2 BPSK	1	271		16.08		17.30
100	PI/2 BPSK	135	0		15.87		17.30
100	PI/2 BPSK	135	69		15.84		17.30
100	PI/2 BPSK	135	138		16.02		17.30
100	PI/2 BPSK	270	0		15.98		17.30
100	QPSK	1	1		15.95		17.30
100	QPSK	1	137		16.00		17.30

100	QPSK	1	271		16.02		17.30
100	QPSK	135	0		15.92		17.30
100	QPSK	135	69		16.00		17.30
100	QPSK	135	138		16.00		17.30
100	QPSK	270	0		16.01		17.30
100	16QAM	1	1		15.60		17.30
100	64QAM	1	1		16.24		17.30
100	256QAM	1	1		16.07		17.30
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	15.99	15.94	15.99	17.30
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	15.89	15.87	15.85	17.30
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	15.86	15.89	15.88	17.30
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	15.93	15.91	15.88	17.30
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	15.83	15.89	15.83	17.30
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	15.77	15.84	15.95	17.30
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	15.82	15.85	15.86	17.30
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	15.85	15.90	15.89	17.30
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	15.94	15.90	15.76	17.30
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	15.94	15.91	15.82	17.30
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	15.85	15.94	15.91	17.30

【FR1 n77 (270)_ FCC_Part 270 (3700~3980MHz)_HPUE_Ant 1_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	16.03	15.92	16.13	17.30
100	PI/2 BPSK	1	137	16.04	16.05	16.08	17.30
100	PI/2 BPSK	1	271	16.08	16.03	16.04	17.30
100	PI/2 BPSK	135	0	15.98	15.95	16.12	17.30
100	PI/2 BPSK	135	69	15.94	16.02	16.02	17.30
100	PI/2 BPSK	135	138	16.02	16.03	16.06	17.30
100	PI/2 BPSK	270	0	16.00	16.10	16.04	17.30
100	QPSK	1	1	15.79	15.93	16.01	17.30
100	QPSK	1	137	16.04	16.01	16.09	17.30
100	QPSK	1	271	16.05	15.98	16.08	17.30
100	QPSK	135	0	15.98	16.08	16.13	17.30
100	QPSK	135	69	15.96	16.06	16.00	17.30
100	QPSK	135	138	16.08	16.04	16.08	17.30
100	QPSK	270	0	15.96	16.01	16.04	17.30
100	16QAM	1	1	15.58	15.60	15.70	17.30
100	64QAM	1	1	15.97	16.11	16.08	17.30
100	256QAM	1	1	15.93	16.07	16.02	17.30
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	15.95	15.88	16.11	17.30
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	15.92	15.80	16.01	17.30
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	15.89	15.86	16.05	17.30
Channel				648668	656000	663332	Tune-up limit

	Frequency (MHz)			3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	15.98	15.80	15.98	17.30
	Channel			648334	656000	663666	Tune-up limit
	Frequency (MHz)			3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	15.95	15.89	16.04	17.30
	Channel			648000	656000	664000	Tune-up limit
	Frequency (MHz)			3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	15.99	15.86	16.06	17.30
	Channel			647668	656000	664332	Tune-up limit
	Frequency (MHz)			3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	15.90	15.82	16.11	17.30
	Channel			647500	656000	664500	Tune-up limit
	Frequency (MHz)			3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	15.90	15.84	16.06	17.30
	Channel			647334	656000	664666	Tune-up limit
	Frequency (MHz)			3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	15.97	15.82	16.07	17.30
	Channel			647168	656000	664832	Tune-up limit
	Frequency (MHz)			3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	15.95	15.78	16.08	17.30
	Channel			647000	656000	665000	Tune-up limit
	Frequency (MHz)			3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	15.97	15.81	15.99	17.30

【FR1 n77 (27Q) _FCC_Part 27Q (3450~3550MHz)_Ant 5 _ECI 2】

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		18.30
100	PI/2 BPSK	1	137		17.06		18.30
100	PI/2 BPSK	1	271		17.05		18.30
100	PI/2 BPSK	135	0		16.97		18.30
100	PI/2 BPSK	135	69		16.95		18.30
100	PI/2 BPSK	135	138		16.96		18.30
100	PI/2 BPSK	270	0		16.95		18.30
100	QPSK	1	1		16.91		18.30
100	QPSK	1	137		16.98		18.30
100	QPSK	1	271		17.00		18.30
100	QPSK	135	0		16.95		18.30
100	QPSK	135	69		16.95		18.30
100	QPSK	135	138		17.00		18.30
100	QPSK	270	0		16.95		18.30
100	16QAM	1	1		17.16		18.30
100	64QAM	1	1		16.95		18.30
100	256QAM	1	1		17.27		18.30
	Channel			633000	633332	633666	Tune-up limit
	Frequency (MHz)			3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	16.94	16.95	16.95	18.30
	Channel			632668	633332	634000	Tune-up limit
	Frequency (MHz)			3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	16.84	16.90	16.94	18.30
	Channel			632334	633332	634332	Tune-up limit
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	16.88	16.92	16.81	18.30
	Channel			632000	633332	634666	Tune-up limit
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	16.89	16.84	16.86	18.30
	Channel			631668	633332	635000	Tune-up limit
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	16.92	16.86	16.82	18.30
	Channel			631334	633332	635332	Tune-up limit
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	16.91	16.84	16.82	18.30
	Channel			631000	633332	635666	Tune-up limit
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	16.88	16.81	16.82	18.30

Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	16.89	16.88	16.80	18.30
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	16.83	16.83	16.85	18.30
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	16.88	16.91	16.87	18.30
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	16.85	16.92	16.83	18.30

【FR1 n77 (270) _FCC_Part 270 (3700~3980MHz)_Ant 5_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	17.16	17.13	17.04	18.30
100	PI/2 BPSK	1	137	17.17	17.25	17.11	18.30
100	PI/2 BPSK	1	271	17.10	17.19	17.04	18.30
100	PI/2 BPSK	135	0	17.13	17.19	17.09	18.30
100	PI/2 BPSK	135	69	17.11	17.15	17.03	18.30
100	PI/2 BPSK	135	138	17.13	17.14	17.03	18.30
100	PI/2 BPSK	270	0	17.13	17.16	16.95	18.30
100	QPSK	1	1	16.94	17.06	16.90	18.30
100	QPSK	1	137	17.13	17.21	16.99	18.30
100	QPSK	1	271	17.17	17.16	16.99	18.30
100	QPSK	135	0	17.09	17.19	16.95	18.30
100	QPSK	135	69	17.10	17.15	17.04	18.30
100	QPSK	135	138	17.16	17.14	17.03	18.30
100	QPSK	270	0	17.06	17.15	16.98	18.30
100	16QAM	1	1	17.27	17.32	17.13	18.30
100	64QAM	1	1	17.07	17.09	16.94	18.30
100	256QAM	1	1	17.45	17.43	17.20	18.30
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	17.04	17.11	16.90	18.30
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	17.01	17.11	16.98	18.30
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	17.10	17.01	16.89	18.30
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	17.03	17.05	16.93	18.30
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	17.05	17.08	16.90	18.30
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	17.05	17.01	16.99	18.30
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	17.08	17.08	16.93	18.30
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	17.07	17.09	16.99	18.30
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	17.13	17.07	16.90	18.30
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	17.12	17.09	17.00	18.30
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	17.10	17.01	16.93	18.30

【FR1 n77 (27Q) _FCC_Part 27Q (3450~3550MHz)_Ant 5_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit
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				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.	(dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		16.96		17.60
100	PI/2 BPSK	1	137		17.06		17.60
100	PI/2 BPSK	1	271		17.05		17.60
100	PI/2 BPSK	135	0		16.97		17.60
100	PI/2 BPSK	135	69		16.95		17.60
100	PI/2 BPSK	135	138		16.96		17.60
100	PI/2 BPSK	270	0		16.95		17.60
100	QPSK	1	1		16.91		17.60
100	QPSK	1	137		16.98		17.60
100	QPSK	1	271		17.00		17.60
100	QPSK	135	0		16.95		17.60
100	QPSK	135	69		16.95		17.60
100	QPSK	135	138		17.00		17.60
100	QPSK	270	0		16.95		17.60
100	16QAM	1	1		17.16		17.60
100	64QAM	1	1		16.95		17.60
100	256QAM	1	1		17.27		17.60
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	16.94	16.95	16.95	17.60
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	16.84	16.90	16.94	17.60
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	16.88	16.92	16.81	17.60
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	16.89	16.84	16.86	17.60
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	16.92	16.86	16.82	17.60
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	16.91	16.84	16.82	17.60
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	16.88	16.81	16.82	17.60
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	16.89	16.88	16.80	17.60
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	16.83	16.83	16.85	17.60
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	16.88	16.91	16.87	17.60
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	16.85	16.92	16.83	17.60

【FR1 n77 (270)_ FCC_Part 270 (3700~3980MHz)_Ant 5_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	17.16	17.13	17.04	17.60
100	PI/2 BPSK	1	137	17.17	17.25	17.11	17.60
100	PI/2 BPSK	1	271	17.10	17.19	17.04	17.60
100	PI/2 BPSK	135	0	17.13	17.19	17.09	17.60
100	PI/2 BPSK	135	69	17.11	17.15	17.03	17.60
100	PI/2 BPSK	135	138	17.13	17.14	17.03	17.60
100	PI/2 BPSK	270	0	17.13	17.16	16.95	17.60
100	QPSK	1	1	16.94	17.06	16.90	17.60
100	QPSK	1	137	17.13	17.21	16.99	17.60
100	QPSK	1	271	17.17	17.16	16.99	17.60
100	QPSK	135	0	17.09	17.19	16.95	17.60
100	QPSK	135	69	17.10	17.15	17.04	17.60
100	QPSK	135	138	17.16	17.14	17.03	17.60
100	QPSK	270	0	17.06	17.15	16.98	17.60

100	16QAM	1	1	17.27	17.32	17.13	17.60
100	64QAM	1	1	17.07	17.09	16.94	17.60
100	256QAM	1	1	17.45	17.43	17.20	17.60
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	17.04	17.11	16.90	17.60
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	17.01	17.11	16.98	17.60
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	17.10	17.01	16.89	17.60
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	17.03	17.05	16.93	17.60
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	17.05	17.08	16.90	17.60
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	17.05	17.01	16.99	17.60
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	17.08	17.08	16.93	17.60
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	17.07	17.09	16.99	17.60
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	17.13	17.07	16.90	17.60
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	17.12	17.09	17.00	17.60
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	17.10	17.01	16.93	17.60

【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 5_ECI 6】

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		17.50		18.20
100	PI/2 BPSK	1	137		17.59		18.20
100	PI/2 BPSK	1	271		17.33		18.20
100	PI/2 BPSK	135	0		17.41		18.20
100	PI/2 BPSK	135	69		17.40		18.20
100	PI/2 BPSK	135	138		17.41		18.20
100	PI/2 BPSK	270	0		17.43		18.20
100	QPSK	1	1		17.49		18.20
100	QPSK	1	137		17.52		18.20
100	QPSK	1	271		17.35		18.20
100	QPSK	135	0		17.40		18.20
100	QPSK	135	69		17.33		18.20
100	QPSK	135	138		17.35		18.20
100	QPSK	270	0		17.30		18.20
100	16QAM	1	1		17.28		18.20
100	64QAM	1	1		17.40		18.20
100	256QAM	1	1		17.35		18.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	17.35	17.44	17.28	18.20
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	17.35	17.40	17.42	18.20
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	17.40	17.38	17.36	18.20
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	17.43	17.35	17.34	18.20
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	17.38	17.36	17.30	18.20

Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	17.39	17.38	17.22	18.20
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	17.35	17.35	17.27	18.20
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	17.35	17.39	17.43	18.20
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	17.38	17.34	17.30	18.20
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	17.39	17.38	17.22	18.20
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	17.37	17.33	17.30	18.20

【FR1 n77 (270) _FCC_Part 270 (3700~3980MHz)_Ant 5_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	17.65	17.67	17.62	18.20
100	PI/2 BPSK	1	137	17.66	17.80	17.77	18.20
100	PI/2 BPSK	1	271	17.63	17.66	17.65	18.20
100	PI/2 BPSK	135	0	17.69	17.69	17.63	18.20
100	PI/2 BPSK	135	69	17.60	17.62	17.62	18.20
100	PI/2 BPSK	135	138	17.64	17.65	17.64	18.20
100	PI/2 BPSK	270	0	17.63	17.65	17.65	18.20
100	QPSK	1	1	17.69	17.66	17.68	18.20
100	QPSK	1	137	17.55	17.75	17.58	18.20
100	QPSK	1	271	17.59	17.65	17.60	18.20
100	QPSK	135	0	17.63	17.64	17.59	18.20
100	QPSK	135	69	17.62	17.60	17.62	18.20
100	QPSK	135	138	17.58	17.59	17.63	18.20
100	QPSK	270	0	17.61	17.62	17.64	18.20
100	16QAM	1	1	17.63	17.60	17.66	18.20
100	64QAM	1	1	17.64	17.64	17.63	18.20
100	256QAM	1	1	17.60	17.63	17.63	18.20
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	17.60	17.62	17.58	18.20
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	17.55	17.62	17.55	18.20
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	17.59	17.65	17.55	18.20
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	17.60	17.58	17.53	18.20
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	17.52	17.62	17.51	18.20
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	17.63	17.58	17.61	18.20
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	17.61	17.55	17.53	18.20
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	17.59	17.63	17.53	18.20
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	17.51	17.66	17.60	18.20
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	17.60	17.60	17.50	18.20
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	17.52	17.55	17.55	18.20

【FR1 n77 (27Q) _FCC_Part 27Q (3450~3550MHz)_Ant 5_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		17.50		18.90
100	PI/2 BPSK	1	137		17.59		18.90
100	PI/2 BPSK	1	271		17.33		18.90
100	PI/2 BPSK	135	0		17.41		18.90
100	PI/2 BPSK	135	69		17.40		18.90
100	PI/2 BPSK	135	138		17.41		18.90
100	PI/2 BPSK	270	0		17.43		18.90
100	QPSK	1	1		17.49		18.90
100	QPSK	1	137		17.52		18.90
100	QPSK	1	271		17.35		18.90
100	QPSK	135	0		17.40		18.90
100	QPSK	135	69		17.33		18.90
100	QPSK	135	138		17.35		18.90
100	QPSK	270	0		17.30		18.90
100	16QAM	1	1		17.28		18.90
100	64QAM	1	1		17.40		18.90
100	256QAM	1	1		17.35		18.90
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	17.35	17.44	17.28	18.90
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	17.35	17.40	17.42	18.90
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	17.40	17.38	17.36	18.90
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	17.43	17.35	17.34	18.90
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	17.38	17.36	17.30	18.90
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	17.39	17.38	17.22	18.90
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	17.35	17.35	17.27	18.90
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	17.35	17.39	17.43	18.90
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	17.38	17.34	17.30	18.90
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	17.39	17.38	17.22	18.90
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	17.37	17.33	17.30	18.90

【FR1 n77 (27O) _FCC_Part 27O (3700~3980MHz)_Ant 5_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	17.65	17.67	17.62	18.90
100	PI/2 BPSK	1	137	17.66	17.80	17.77	18.90
100	PI/2 BPSK	1	271	17.63	17.66	17.65	18.90
100	PI/2 BPSK	135	0	17.69	17.69	17.63	18.90
100	PI/2 BPSK	135	69	17.60	17.62	17.62	18.90
100	PI/2 BPSK	135	138	17.64	17.65	17.64	18.90
100	PI/2 BPSK	270	0	17.63	17.65	17.65	18.90
100	QPSK	1	1	17.69	17.66	17.68	18.90

100	QPSK	1	137	17.55	17.75	17.58	18.90
100	QPSK	1	271	17.59	17.65	17.60	18.90
100	QPSK	135	0	17.63	17.64	17.59	18.90
100	QPSK	135	69	17.62	17.60	17.62	18.90
100	QPSK	135	138	17.58	17.59	17.63	18.90
100	QPSK	270	0	17.61	17.62	17.64	18.90
100	16QAM	1	1	17.63	17.60	17.66	18.90
100	64QAM	1	1	17.64	17.64	17.63	18.90
100	256QAM	1	1	17.60	17.63	17.63	18.90
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	17.60	17.62	17.58	18.90
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	17.55	17.62	17.55	18.90
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	17.59	17.65	17.55	18.90
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	17.60	17.58	17.53	18.90
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	17.52	17.62	17.51	18.90
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	17.63	17.58	17.61	18.90
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	17.61	17.55	17.53	18.90
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	17.59	17.63	17.53	18.90
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	17.51	17.66	17.60	18.90
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	17.60	17.60	17.50	18.90
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	17.52	17.55	17.55	18.90

【FR1 n77 (27Q)_ FCC_Part 27Q (3450~3550MHz)_Ant 5_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		17.50		18.20
100	PI/2 BPSK	1	137		17.59		18.20
100	PI/2 BPSK	1	271		17.33		18.20
100	PI/2 BPSK	135	0		17.41		18.20
100	PI/2 BPSK	135	69		17.40		18.20
100	PI/2 BPSK	135	138		17.41		18.20
100	PI/2 BPSK	270	0		17.43		18.20
100	QPSK	1	1		17.49		18.20
100	QPSK	1	137		17.52		18.20
100	QPSK	1	271		17.35		18.20
100	QPSK	135	0		17.40		18.20
100	QPSK	135	69		17.33		18.20
100	QPSK	135	138		17.35		18.20
100	QPSK	270	0		17.30		18.20
100	16QAM	1	1		17.28		18.20
100	64QAM	1	1		17.40		18.20
100	256QAM	1	1		17.35		18.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	17.35	17.44	17.28	18.20
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	17.35	17.40	17.42	18.20
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	17.40	17.38	17.36	18.20

Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	17.43	17.35	17.34	18.20
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	17.38	17.36	17.30	18.20
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	17.39	17.38	17.22	18.20
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	17.35	17.35	17.27	18.20
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	17.35	17.39	17.43	18.20
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	17.38	17.34	17.30	18.20
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	17.39	17.38	17.22	18.20
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	17.37	17.33	17.30	18.20

【FR1 n77 (270)_FCC_Part 270 (3700~3980MHz)_Ant 5_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	17.65	17.67	17.62	18.20
100	PI/2 BPSK	1	137	17.66	17.80	17.77	18.20
100	PI/2 BPSK	1	271	17.63	17.66	17.65	18.20
100	PI/2 BPSK	135	0	17.69	17.69	17.63	18.20
100	PI/2 BPSK	135	69	17.60	17.62	17.62	18.20
100	PI/2 BPSK	135	138	17.64	17.65	17.64	18.20
100	PI/2 BPSK	270	0	17.63	17.65	17.65	18.20
100	QPSK	1	1	17.69	17.66	17.68	18.20
100	QPSK	1	137	17.55	17.75	17.58	18.20
100	QPSK	1	271	17.59	17.65	17.60	18.20
100	QPSK	135	0	17.63	17.64	17.59	18.20
100	QPSK	135	69	17.62	17.60	17.62	18.20
100	QPSK	135	138	17.58	17.59	17.63	18.20
100	QPSK	270	0	17.61	17.62	17.64	18.20
100	16QAM	1	1	17.63	17.60	17.66	18.20
100	64QAM	1	1	17.64	17.64	17.63	18.20
100	256QAM	1	1	17.60	17.63	17.63	18.20
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	17.60	17.62	17.58	18.20
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	17.55	17.62	17.55	18.20
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	17.59	17.65	17.55	18.20
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	17.60	17.58	17.53	18.20
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	17.52	17.62	17.51	18.20
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	17.63	17.58	17.61	18.20
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	17.61	17.55	17.53	18.20
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	17.59	17.63	17.53	18.20
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	17.51	17.66	17.60	18.20

Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	17.60	17.60	17.50	18.20
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	17.52	17.55	17.55	18.20

【FR1 n77 (27Q) _FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 5_ECI 2】

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		19.96		21.30
100	PI/2 BPSK	1	137		20.05		21.30
100	PI/2 BPSK	1	271		20.07		21.30
100	PI/2 BPSK	135	0		20.00		21.30
100	PI/2 BPSK	135	69		20.03		21.30
100	PI/2 BPSK	135	138		20.08		21.30
100	PI/2 BPSK	270	0		19.98		21.30
100	QPSK	1	1		20.00		21.30
100	QPSK	1	137		20.08		21.30
100	QPSK	1	271		20.11		21.30
100	QPSK	135	0		20.02		21.30
100	QPSK	135	69		20.08		21.30
100	QPSK	135	138		20.11		21.30
100	QPSK	270	0		20.04		21.30
100	16QAM	1	1		19.92		21.30
100	64QAM	1	1		19.98		21.30
100	256QAM	1	1		20.23		21.30
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	19.97	19.98	19.99	21.30
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	19.85	19.83	19.98	21.30
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	19.94	19.87	19.94	21.30
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	19.92	19.84	19.90	21.30
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	19.83	19.89	19.87	21.30
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	19.90	19.97	19.97	21.30
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	19.95	19.91	19.84	21.30
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	19.87	19.92	19.93	21.30
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	19.93	19.85	19.98	21.30
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	19.93	19.85	19.97	21.30
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	19.87	19.94	19.92	21.30

【FR1 n77 (27O) _FCC_Part 27O (3700~3980MHz)_HPUE_Ant 5_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	20.37	20.07	20.37	21.30
100	PI/2 BPSK	1	137	20.46	20.26	20.52	21.30
100	PI/2 BPSK	1	271	20.52	20.24	20.44	21.30
100	PI/2 BPSK	135	0	20.42	20.19	20.38	21.30
100	PI/2 BPSK	135	69	20.45	20.20	20.38	21.30
100	PI/2 BPSK	135	138	20.51	20.25	20.46	21.30
100	PI/2 BPSK	270	0	20.38	20.15	20.36	21.30
100	QPSK	1	1	20.27	20.10	20.38	21.30
100	QPSK	1	137	20.46	20.30	20.48	21.30
100	QPSK	1	271	20.51	20.28	20.52	21.30
100	QPSK	135	0	20.43	20.22	20.46	21.30
100	QPSK	135	69	20.49	20.24	20.53	21.30
100	QPSK	135	138	20.55	20.28	20.53	21.30
100	QPSK	270	0	20.38	20.21	20.41	21.30
100	16QAM	1	1	20.23	20.02	20.25	21.30
100	64QAM	1	1	20.36	20.10	20.38	21.30
100	256QAM	1	1	20.56	20.35	20.60	21.30
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	20.33	20.02	20.25	21.30
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	20.33	19.93	20.23	21.30
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	20.35	19.94	20.32	21.30
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	20.29	20.01	20.33	21.30
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	20.30	19.93	20.25	21.30
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	20.33	19.94	20.29	21.30
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	20.30	20.03	20.26	21.30
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	20.32	19.93	20.29	21.30
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	20.27	19.96	20.32	21.30
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	20.33	20.05	20.31	21.30
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	20.28	19.97	20.24	21.30

【FR1 n77 (27Q) _FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 5_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		19.96		20.60
100	PI/2 BPSK	1	137		20.05		20.60
100	PI/2 BPSK	1	271		20.07		20.60
100	PI/2 BPSK	135	0		20.00		20.60
100	PI/2 BPSK	135	69		20.03		20.60
100	PI/2 BPSK	135	138		20.08		20.60
100	PI/2 BPSK	270	0		19.98		20.60
100	QPSK	1	1		20.00		20.60
100	QPSK	1	137		20.08		20.60
100	QPSK	1	271		20.11		20.60
100	QPSK	135	0		20.02		20.60
100	QPSK	135	69		20.08		20.60
100	QPSK	135	138		20.11		20.60

100	QPSK	270	0		20.04		20.60
100	16QAM	1	1		19.92		20.60
100	64QAM	1	1		19.98		20.60
100	256QAM	1	1		20.23		20.60
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	19.97	19.98	19.99	20.60
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	19.85	19.83	19.98	20.60
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	19.94	19.87	19.94	20.60
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	19.92	19.84	19.90	20.60
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	19.83	19.89	19.87	20.60
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	19.90	19.97	19.97	20.60
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	19.95	19.91	19.84	20.60
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	19.87	19.92	19.93	20.60
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	19.93	19.85	19.98	20.60
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	19.93	19.85	19.97	20.60
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	19.87	19.94	19.92	20.60

【FR1 n77 (270) _ FCC_Part 270 (3700~3980MHz)_HPUE_Ant 5_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	20.37	20.07	20.37	20.60
100	PI/2 BPSK	1	137	20.46	20.26	20.52	20.60
100	PI/2 BPSK	1	271	20.52	20.24	20.44	20.60
100	PI/2 BPSK	135	0	20.42	20.19	20.38	20.60
100	PI/2 BPSK	135	69	20.45	20.20	20.38	20.60
100	PI/2 BPSK	135	138	20.51	20.25	20.46	20.60
100	PI/2 BPSK	270	0	20.38	20.15	20.36	20.60
100	QPSK	1	1	20.27	20.10	20.38	20.60
100	QPSK	1	137	20.46	20.30	20.48	20.60
100	QPSK	1	271	20.51	20.28	20.52	20.60
100	QPSK	135	0	20.43	20.22	20.46	20.60
100	QPSK	135	69	20.49	20.24	20.53	20.60
100	QPSK	135	138	20.55	20.28	20.53	20.60
100	QPSK	270	0	20.38	20.21	20.41	20.60
100	16QAM	1	1	20.23	20.02	20.25	20.60
100	64QAM	1	1	20.36	20.10	20.38	20.60
100	256QAM	1	1	20.56	20.35	20.60	20.60
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	20.33	20.02	20.25	20.60
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	20.33	19.93	20.23	20.60
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	20.35	19.94	20.32	20.60
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	20.29	20.01	20.33	20.60
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)

50	PI/2 BPSK	1	1	20.30	19.93	20.25	20.60
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	20.33	19.94	20.29	20.60
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	20.30	20.03	20.26	20.60
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	20.32	19.93	20.29	20.60
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	20.27	19.96	20.32	20.60
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	20.33	20.05	20.31	20.60
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	20.28	19.97	20.24	20.60

【FR1 n77 (27Q) _FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 5_ECI 6】

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		20.41		21.20
100	PI/2 BPSK	1	137		20.53		21.20
100	PI/2 BPSK	1	271		20.43		21.20
100	PI/2 BPSK	135	0		20.41		21.20
100	PI/2 BPSK	135	69		20.43		21.20
100	PI/2 BPSK	135	138		20.46		21.20
100	PI/2 BPSK	270	0		20.35		21.20
100	QPSK	1	1		20.33		21.20
100	QPSK	1	137		20.30		21.20
100	QPSK	1	271		20.36		21.20
100	QPSK	135	0		20.40		21.20
100	QPSK	135	69		20.38		21.20
100	QPSK	135	138		20.39		21.20
100	QPSK	270	0		20.34		21.20
100	16QAM	1	1		20.34		21.20
100	64QAM	1	1		20.34		21.20
100	256QAM	1	1		20.36		21.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	20.40	20.40	20.38	21.20
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	20.36	20.38	20.35	21.20
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	20.28	20.28	20.25	21.20
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	20.26	20.38	20.32	21.20
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	20.37	20.35	20.33	21.20
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	20.27	20.31	20.36	21.20
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	20.35	20.31	20.28	21.20
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	20.25	20.34	20.31	21.20
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	20.31	20.26	20.34	21.20
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	20.33	20.32	20.25	21.20
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)

10	PI/2 BPSK	1	1	20.36	20.32	20.27	21.20
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【FR1 n77 (270) FCC_Part 270 (3700~3980MHz)_HPUE_Ant 5_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	20.75	20.77	20.76	21.20
100	PI/2 BPSK	1	137	20.70	20.81	20.75	21.20
100	PI/2 BPSK	1	271	20.71	20.76	20.73	21.20
100	PI/2 BPSK	135	0	20.60	20.72	20.57	21.20
100	PI/2 BPSK	135	69	20.58	20.70	20.60	21.20
100	PI/2 BPSK	135	138	20.55	20.70	20.55	21.20
100	PI/2 BPSK	270	0	20.62	20.70	20.61	21.20
100	QPSK	1	1	20.61	20.75	20.63	21.20
100	QPSK	1	137	20.61	20.72	20.58	21.20
100	QPSK	1	271	20.59	20.71	20.67	21.20
100	QPSK	135	0	20.60	20.69	20.61	21.20
100	QPSK	135	69	20.64	20.71	20.68	21.20
100	QPSK	135	138	20.64	20.73	20.65	21.20
100	QPSK	270	0	20.54	20.70	20.54	21.20
100	16QAM	1	1	20.61	20.73	20.61	21.20
100	64QAM	1	1	20.64	20.71	20.58	21.20
100	256QAM	1	1	20.57	20.70	20.62	21.20
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	20.69	20.70	20.68	21.20
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	20.68	20.70	20.68	21.20
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	20.63	20.68	20.70	21.20
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	20.73	20.67	20.69	21.20
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	20.67	20.73	20.70	21.20
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	20.72	20.68	20.67	21.20
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	20.63	20.68	20.67	21.20
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	20.62	20.64	20.65	21.20
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	20.63	20.71	20.70	21.20
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	20.69	20.75	20.70	21.20
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	20.61	20.63	20.72	21.20

【FR1 n77 (27Q) FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 5_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		20.41		21.90
100	PI/2 BPSK	1	137		20.53		21.90
100	PI/2 BPSK	1	271		20.43		21.90
100	PI/2 BPSK	135	0		20.41		21.90
100	PI/2 BPSK	135	69		20.43		21.90
100	PI/2 BPSK	135	138		20.46		21.90
100	PI/2 BPSK	270	0		20.35		21.90

100	QPSK	1	1		20.33		21.90
100	QPSK	1	137		20.30		21.90
100	QPSK	1	271		20.36		21.90
100	QPSK	135	0		20.40		21.90
100	QPSK	135	69		20.38		21.90
100	QPSK	135	138		20.39		21.90
100	QPSK	270	0		20.34		21.90
100	16QAM	1	1		20.34		21.90
100	64QAM	1	1		20.34		21.90
100	256QAM	1	1		20.36		21.90
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	20.40	20.40	20.38	21.90
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	20.36	20.38	20.35	21.90
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	20.28	20.28	20.25	21.90
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	20.26	20.38	20.32	21.90
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	20.37	20.35	20.33	21.90
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	20.27	20.31	20.36	21.90
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	20.35	20.31	20.28	21.90
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	20.25	20.34	20.31	21.90
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	20.31	20.26	20.34	21.90
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	20.33	20.32	20.25	21.90
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	20.36	20.32	20.27	21.90

【FR1 n77 (270)_FCC_Part 270 (3700~3980MHz)_HPUE_Ant 5_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	20.75	20.77	20.76	21.90
100	PI/2 BPSK	1	137	20.70	20.81	20.75	21.90
100	PI/2 BPSK	1	271	20.71	20.76	20.73	21.90
100	PI/2 BPSK	135	0	20.60	20.72	20.57	21.90
100	PI/2 BPSK	135	69	20.58	20.70	20.60	21.90
100	PI/2 BPSK	135	138	20.55	20.70	20.55	21.90
100	PI/2 BPSK	270	0	20.62	20.70	20.61	21.90
100	QPSK	1	1	20.61	20.75	20.63	21.90
100	QPSK	1	137	20.61	20.72	20.58	21.90
100	QPSK	1	271	20.59	20.71	20.67	21.90
100	QPSK	135	0	20.60	20.69	20.61	21.90
100	QPSK	135	69	20.64	20.71	20.68	21.90
100	QPSK	135	138	20.64	20.73	20.65	21.90
100	QPSK	270	0	20.54	20.70	20.54	21.90
100	16QAM	1	1	20.61	20.73	20.61	21.90
100	64QAM	1	1	20.64	20.71	20.58	21.90
100	256QAM	1	1	20.57	20.70	20.62	21.40
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	20.69	20.70	20.68	21.90
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	20.68	20.70	20.68	21.90
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)

70	PI/2 BPSK	1	1	20.63	20.68	20.70	21.90
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	20.73	20.67	20.69	21.90
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	20.67	20.73	20.70	21.90
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	20.72	20.68	20.67	21.90
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	20.63	20.68	20.67	21.90
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	20.62	20.64	20.65	21.90
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	20.63	20.71	20.70	21.90
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	20.69	20.75	20.70	21.90
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	20.61	20.63	20.72	21.90

【FR1 n77 (27Q) _FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 5_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		20.41		21.20
100	PI/2 BPSK	1	137		20.53		21.20
100	PI/2 BPSK	1	271		20.43		21.20
100	PI/2 BPSK	135	0		20.41		21.20
100	PI/2 BPSK	135	69		20.43		21.20
100	PI/2 BPSK	135	138		20.46		21.20
100	PI/2 BPSK	270	0		20.35		21.20
100	QPSK	1	1		20.33		21.20
100	QPSK	1	137		20.30		21.20
100	QPSK	1	271		20.36		21.20
100	QPSK	135	0		20.40		21.20
100	QPSK	135	69		20.38		21.20
100	QPSK	135	138		20.39		21.20
100	QPSK	270	0		20.34		21.20
100	16QAM	1	1		20.34		21.20
100	64QAM	1	1		20.34		21.20
100	256QAM	1	1		20.36		21.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	20.40	20.40	20.38	21.20
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	20.36	20.38	20.35	21.20
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	20.28	20.28	20.25	21.20
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	20.26	20.38	20.32	21.20
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	20.37	20.35	20.33	21.20
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	20.27	20.31	20.36	21.20
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	20.35	20.31	20.28	21.20
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	20.25	20.34	20.31	21.20
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)

20	PI/2 BPSK	1	1	20.31	20.26	20.34	21.20
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	20.33	20.32	20.25	21.20
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	20.36	20.32	20.27	21.20

【FR1 n77 (270) _FCC_Part 270 (3700~3980MHz)_HPUE_Ant 5_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	Tune-up limit
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	20.75	20.77	20.76	21.20
100	PI/2 BPSK	1	137	20.70	20.81	20.75	21.20
100	PI/2 BPSK	1	271	20.71	20.76	20.73	21.20
100	PI/2 BPSK	135	0	20.60	20.72	20.57	21.20
100	PI/2 BPSK	135	69	20.58	20.70	20.60	21.20
100	PI/2 BPSK	135	138	20.55	20.70	20.55	21.20
100	PI/2 BPSK	270	0	20.62	20.70	20.61	21.20
100	QPSK	1	1	20.61	20.75	20.63	21.20
100	QPSK	1	137	20.61	20.72	20.58	21.20
100	QPSK	1	271	20.59	20.71	20.67	21.20
100	QPSK	135	0	20.60	20.69	20.61	21.20
100	QPSK	135	69	20.64	20.71	20.68	21.20
100	QPSK	135	138	20.64	20.73	20.65	21.20
100	QPSK	270	0	20.54	20.70	20.54	21.20
100	16QAM	1	1	20.61	20.73	20.61	21.20
100	64QAM	1	1	20.64	20.71	20.58	21.20
100	256QAM	1	1	20.57	20.70	20.62	21.20
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	20.69	20.70	20.68	21.20
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	20.68	20.70	20.68	21.20
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	20.63	20.68	20.70	21.20
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	20.73	20.67	20.69	21.20
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	20.67	20.73	20.70	21.20
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	20.72	20.68	20.67	21.20
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	20.63	20.68	20.67	21.20
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	20.62	20.64	20.65	21.20
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	20.63	20.71	20.70	21.20
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	20.69	20.75	20.70	21.20
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	20.61	20.63	20.72	21.20

【FR1 n77 (27Q) _FCC_Part 27Q (3450~3550MHz)_Ant 6_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		24.15		24.80
100	PI/2 BPSK	1	137		24.34		24.80
100	PI/2 BPSK	1	271		24.16		24.80
100	PI/2 BPSK	135	0		23.64		23.80
100	PI/2 BPSK	135	69		24.13		24.80
100	PI/2 BPSK	135	138		23.64		23.80
100	PI/2 BPSK	270	0		23.65		23.80
100	QPSK	1	1		24.14		25.00
100	QPSK	1	137		24.35		25.00
100	QPSK	1	271		24.18		25.00
100	QPSK	135	0		23.16		24.00
100	QPSK	135	69		24.41		25.00
100	QPSK	135	138		23.18		24.00
100	QPSK	270	0		23.17		24.00
100	16QAM	1	1		23.30		24.00
100	64QAM	1	1		21.47		22.50
100	256QAM	1	1		19.40		20.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	QPSK	1	1	23.99	24.00	24.01	25.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	QPSK	1	1	23.87	24.08	23.91	25.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	QPSK	1	1	23.93	24.07	23.93	25.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	QPSK	1	1	23.91	24.14	23.93	25.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	QPSK	1	1	23.94	24.05	23.87	25.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	QPSK	1	1	23.94	24.03	23.99	25.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	QPSK	1	1	23.85	24.01	23.87	25.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	QPSK	1	1	23.97	24.00	23.87	25.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	QPSK	1	1	23.91	24.06	23.91	25.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	QPSK	1	1	23.86	24.03	23.99	25.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	QPSK	1	1	23.91	24.10	23.91	25.00

【FR1 n77 (27O) _FCC_Part 27O (3700~3980MHz)_Ant 6_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	24.06	24.18	24.00	24.80
100	PI/2 BPSK	1	137	24.23	24.31	23.85	24.80
100	PI/2 BPSK	1	271	24.19	23.98	23.60	24.80
100	PI/2 BPSK	135	0	23.50	23.66	23.35	23.80
100	PI/2 BPSK	135	69	24.00	24.12	23.65	24.80
100	PI/2 BPSK	135	138	23.60	23.51	23.07	23.80
100	PI/2 BPSK	270	0	23.58	23.60	23.24	23.80
100	QPSK	1	1	24.26	24.24	24.00	25.00
100	QPSK	1	137	24.25	24.23	23.83	25.00
100	QPSK	1	271	24.21	23.99	23.63	25.00
100	QPSK	135	0	23.02	23.16	22.87	24.00
100	QPSK	135	69	24.08	24.17	23.69	25.00

100	QPSK	135	138	23.15	23.03	22.57	24.00
100	QPSK	270	0	23.11	23.13	22.73	24.00
100	16QAM	1	1	23.20	23.39	23.19	24.00
100	64QAM	1	1	21.35	21.53	21.29	22.50
100	256QAM	1	1	19.28	19.45	19.25	20.50
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	QPSK	1	1	23.94	24.09	23.99	25.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	QPSK	1	1	23.94	24.08	23.86	25.00
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	QPSK	1	1	24.03	24.15	23.86	25.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	QPSK	1	1	24.04	24.14	23.87	25.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	QPSK	1	1	23.95	24.05	23.88	25.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	QPSK	1	1	23.92	24.11	23.93	25.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	QPSK	1	1	23.92	24.08	23.98	25.00
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	QPSK	1	1	24.04	24.14	23.99	25.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	QPSK	1	1	24.04	24.05	23.99	25.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	QPSK	1	1	23.95	24.13	23.85	25.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	QPSK	1	1	23.99	24.11	23.91	25.00

【FR1 n77 (27Q) _ FCC_Part 27Q (3450~3550MHz)_Ant 6 _ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.57		22.50
100	PI/2 BPSK	1	137		21.51		22.50
100	PI/2 BPSK	1	271		21.53		22.50
100	PI/2 BPSK	135	0		21.51		22.50
100	PI/2 BPSK	135	69		21.55		22.50
100	PI/2 BPSK	135	138		21.49		22.50
100	PI/2 BPSK	270	0		21.49		22.50
100	QPSK	1	1		21.55		22.50
100	QPSK	1	137		21.50		22.50
100	QPSK	1	271		21.52		22.50
100	QPSK	135	0		21.54		22.50
100	QPSK	135	69		21.50		22.50
100	QPSK	135	138		21.48		22.50
100	QPSK	270	0		21.44		22.50
100	16QAM	1	1		21.43		22.50
100	64QAM	1	1		21.44		22.50
100	256QAM	1	1		20.00		20.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	21.52	21.55	21.51	22.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	21.37	21.50	21.41	22.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	21.38	21.40	21.44	22.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	21.48	21.47	21.38	22.50
Channel				631668	633332	635000	Tune-up limit

	Frequency (MHz)			3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	21.46	21.46	21.43	22.50
	Channel			631334	633332	635332	Tune-up limit
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	21.44	21.42	21.49	22.50
	Channel			631000	633332	635666	Tune-up limit
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	21.49	21.45	21.48	22.50
	Channel			630834	633332	635832	Tune-up limit
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	21.48	21.46	21.44	22.50
	Channel			630668	633332	636000	Tune-up limit
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	21.41	21.54	21.49	22.50
	Channel			630500	633332	636166	Tune-up limit
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	21.47	21.47	21.39	22.50
	Channel			630334	633332	636332	Tune-up limit
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	21.45	21.41	21.43	22.50

【FR1 n77 (270) FCC_Part 270 (3700~3980MHz)_Ant 6_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel			650000	656000	662000	
	Frequency (MHz)			3750	3840	3930	
100	PI/2 BPSK	1	1	21.62	21.70	21.47	22.50
100	PI/2 BPSK	1	137	21.51	21.68	21.36	22.50
100	PI/2 BPSK	1	271	21.48	21.65	21.34	22.50
100	PI/2 BPSK	135	0	21.54	21.65	21.32	22.50
100	PI/2 BPSK	135	69	21.46	21.69	21.37	22.50
100	PI/2 BPSK	135	138	21.42	21.63	21.29	22.50
100	PI/2 BPSK	270	0	21.42	21.63	21.28	22.50
100	QPSK	1	1	21.59	21.69	21.35	22.50
100	QPSK	1	137	21.53	21.66	21.42	22.50
100	QPSK	1	271	21.53	21.64	21.27	22.50
100	QPSK	135	0	21.52	21.67	21.33	22.50
100	QPSK	135	69	21.52	21.62	21.34	22.50
100	QPSK	135	138	21.39	21.61	21.31	22.50
100	QPSK	270	0	21.53	21.63	21.35	22.50
100	16QAM	1	1	21.49	21.66	21.37	22.50
100	64QAM	1	1	21.43	21.60	21.25	22.50
100	256QAM	1	1	19.95	20.12	19.83	20.50
	Channel			649668	656000	662332	Tune-up limit
	Frequency (MHz)			3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	21.51	21.68	21.44	22.50
	Channel			649334	656000	662666	Tune-up limit
	Frequency (MHz)			3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	21.54	21.60	21.44	22.50
	Channel			649000	656000	663000	Tune-up limit
	Frequency (MHz)			3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	21.53	21.60	21.44	22.50
	Channel			648668	656000	663332	Tune-up limit
	Frequency (MHz)			3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	21.60	21.58	21.41	22.50
	Channel			648334	656000	663666	Tune-up limit
	Frequency (MHz)			3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	21.50	21.60	21.35	22.50
	Channel			648000	656000	664000	Tune-up limit
	Frequency (MHz)			3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	21.56	21.66	21.43	22.50
	Channel			647668	656000	664332	Tune-up limit
	Frequency (MHz)			3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	21.54	21.58	21.39	22.50
	Channel			647500	656000	664500	Tune-up limit
	Frequency (MHz)			3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	21.57	21.56	21.46	22.50
	Channel			647334	656000	664666	Tune-up limit
	Frequency (MHz)			3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	21.50	21.57	21.36	22.50
	Channel			647168	656000	664832	Tune-up limit
	Frequency (MHz)			3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	21.61	21.67	21.34	22.50
	Channel			647000	656000	665000	Tune-up limit

Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	21.58	21.62	21.42	22.50

【FR1 n77 (27Q) _FCC_Part 27Q (3450~3550MHz)_Ant 6_ECI 6】

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		13.76		14.00
100	PI/2 BPSK	1	137		13.96		14.00
100	PI/2 BPSK	1	271		13.77		14.00
100	PI/2 BPSK	135	0		13.79		14.00
100	PI/2 BPSK	135	69		13.85		14.00
100	PI/2 BPSK	135	138		13.74		14.00
100	PI/2 BPSK	270	0		13.77		14.00
100	QPSK	1	1		13.74		14.00
100	QPSK	1	137		13.95		14.00
100	QPSK	1	271		13.77		14.00
100	QPSK	135	0		13.83		14.00
100	QPSK	135	69		13.85		14.00
100	QPSK	135	138		13.78		14.00
100	QPSK	270	0		13.80		14.00
100	16QAM	1	1		13.88		14.00
100	64QAM	1	1		13.61		14.00
100	256QAM	1	1		13.60		14.00
Channel				633000	633332	633666	
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	13.75	13.75	13.74	14.00
Channel				632668	633332	634000	
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	13.70	13.63	13.66	14.00
Channel				632334	633332	634332	
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	13.66	13.71	13.60	14.00
Channel				632000	633332	634666	
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	13.62	13.71	13.66	14.00
Channel				631668	633332	635000	
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	13.72	13.66	13.69	14.00
Channel				631334	633332	635332	
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	13.72	13.61	13.60	14.00
Channel				631000	633332	635666	
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	13.62	13.74	13.62	14.00
Channel				630834	633332	635832	
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	13.62	13.62	13.65	14.00
Channel				630668	633332	636000	
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	13.61	13.62	13.70	14.00
Channel				630500	633332	636166	
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	13.71	13.70	13.60	14.00
Channel				630334	633332	636332	
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	13.73	13.66	13.70	14.00

【FR1 n77 (27O) _FCC_Part 27O (3700~3980MHz)_Ant 6_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	13.89	13.83	13.65	14.00
100	PI/2 BPSK	1	137	13.85	13.90	13.60	14.00
100	PI/2 BPSK	1	271	13.62	13.63	13.61	14.00
100	PI/2 BPSK	135	0	13.70	13.78	13.60	14.00
100	PI/2 BPSK	135	69	13.61	13.66	13.60	14.00
100	PI/2 BPSK	135	138	13.61	13.61	13.60	14.00

100	PI/2 BPSK	270	0	13.64	13.70	13.61	14.00
100	QPSK	1	1	13.76	13.83	13.60	14.00
100	QPSK	1	137	13.82	13.87	13.64	14.00
100	QPSK	1	271	13.60	13.62	13.61	14.00
100	QPSK	135	0	13.74	13.82	13.61	14.00
100	QPSK	135	69	13.74	13.73	13.60	14.00
100	QPSK	135	138	13.61	13.62	13.60	14.00
100	QPSK	270	0	13.73	13.72	13.61	14.00
100	16QAM	1	1	13.89	13.99	13.65	14.00
100	64QAM	1	1	13.64	13.64	13.61	14.00
100	256QAM	1	1	13.60	13.60	13.61	14.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	13.84	13.68	13.61	14.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	13.80	13.72	13.60	14.00
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	13.83	13.72	13.60	14.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	13.87	13.78	13.62	14.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	13.80	13.71	13.60	14.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	13.76	13.69	13.60	14.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	13.85	13.69	13.61	14.00
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	13.75	13.70	13.61	14.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	13.79	13.70	13.60	14.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	13.85	13.79	13.60	14.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	13.86	13.79	13.62	14.00

【FR1 n77 (27Q) FCC_Part 27Q (3450~3550MHz)_Ant 6_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		13.76		15.40
100	PI/2 BPSK	1	137		13.96		15.40
100	PI/2 BPSK	1	271		13.77		15.40
100	PI/2 BPSK	135	0		13.79		15.40
100	PI/2 BPSK	135	69		13.85		15.40
100	PI/2 BPSK	135	138		13.74		15.40
100	PI/2 BPSK	270	0		13.77		15.40
100	QPSK	1	1		13.74		15.40
100	QPSK	1	137		13.95		15.40
100	QPSK	1	271		13.77		15.40
100	QPSK	135	0		13.83		15.40
100	QPSK	135	69		13.85		15.40
100	QPSK	135	138		13.78		15.40
100	QPSK	270	0		13.80		15.40
100	16QAM	1	1		13.88		15.40
100	64QAM	1	1		13.61		15.40
100	256QAM	1	1		13.60		15.40
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	13.75	13.75	13.74	15.40
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	13.70	13.63	13.66	15.40
Channel				632334	633332	634332	Tune-up limit

	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	13.66	13.71	13.60	15.40
	Channel			632000	633332	634666	Tune-up limit
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	13.62	13.71	13.66	15.40
	Channel			631668	633332	635000	Tune-up limit
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	13.72	13.66	13.69	15.40
	Channel			631334	633332	635332	Tune-up limit
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	13.72	13.61	13.60	15.40
	Channel			631000	633332	635666	Tune-up limit
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	13.62	13.74	13.62	15.40
	Channel			630834	633332	635832	Tune-up limit
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	13.62	13.62	13.65	15.40
	Channel			630668	633332	636000	Tune-up limit
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	13.61	13.62	13.70	15.40
	Channel			630500	633332	636166	Tune-up limit
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	13.71	13.70	13.60	15.40
	Channel			630334	633332	636332	Tune-up limit
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	13.73	13.66	13.70	15.40

【FR1 n77 (270) FCC_Part 270 (3700~3980MHz)_Ant 6_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel			650000	656000	662000	
	Frequency (MHz)			3750	3840	3930	
100	PI/2 BPSK	1	1	13.89	13.83	13.65	15.40
100	PI/2 BPSK	1	137	13.85	13.90	13.60	15.40
100	PI/2 BPSK	1	271	13.62	13.63	13.61	15.40
100	PI/2 BPSK	135	0	13.70	13.78	13.60	15.40
100	PI/2 BPSK	135	69	13.61	13.66	13.60	15.40
100	PI/2 BPSK	135	138	13.61	13.61	13.60	15.40
100	PI/2 BPSK	270	0	13.64	13.70	13.61	15.40
100	QPSK	1	1	13.76	13.83	13.60	15.40
100	QPSK	1	137	13.82	13.87	13.64	15.40
100	QPSK	1	271	13.60	13.62	13.61	15.40
100	QPSK	135	0	13.74	13.82	13.61	15.40
100	QPSK	135	69	13.74	13.73	13.60	15.40
100	QPSK	135	138	13.61	13.62	13.60	15.40
100	QPSK	270	0	13.73	13.72	13.61	15.40
100	16QAM	1	1	13.89	13.99	13.65	15.40
100	64QAM	1	1	13.64	13.64	13.61	15.40
100	256QAM	1	1	13.60	13.60	13.61	15.40
	Channel			649668	656000	662332	Tune-up limit
	Frequency (MHz)			3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	13.84	13.68	13.61	15.40
	Channel			649334	656000	662666	Tune-up limit
	Frequency (MHz)			3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	13.80	13.72	13.60	15.40
	Channel			649000	656000	663000	Tune-up limit
	Frequency (MHz)			3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	13.83	13.72	13.60	15.40
	Channel			648668	656000	663332	Tune-up limit
	Frequency (MHz)			3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	13.87	13.78	13.62	15.40
	Channel			648334	656000	663666	Tune-up limit
	Frequency (MHz)			3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	13.80	13.71	13.60	15.40
	Channel			648000	656000	664000	Tune-up limit
	Frequency (MHz)			3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	13.76	13.69	13.60	15.40
	Channel			647668	656000	664332	Tune-up limit
	Frequency (MHz)			3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	13.85	13.69	13.61	15.40
	Channel			647500	656000	664500	Tune-up limit
	Frequency (MHz)			3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	13.75	13.70	13.61	15.40
	Channel			647334	656000	664666	Tune-up limit

Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	13.79	13.70	13.60	15.40
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	13.85	13.79	13.60	15.40
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	13.86	13.79	13.62	15.40

【FR1 n77 (27Q) _FCC_Part 27Q (3450~3550MHz)_Ant 6 _ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		13.76		14.00
100	PI/2 BPSK	1	137		13.96		14.00
100	PI/2 BPSK	1	271		13.77		14.00
100	PI/2 BPSK	135	0		13.79		14.00
100	PI/2 BPSK	135	69		13.85		14.00
100	PI/2 BPSK	135	138		13.74		14.00
100	PI/2 BPSK	270	0		13.77		14.00
100	QPSK	1	1		13.74		14.00
100	QPSK	1	137		13.95		14.00
100	QPSK	1	271		13.77		14.00
100	QPSK	135	0		13.83		14.00
100	QPSK	135	69		13.85		14.00
100	QPSK	135	138		13.78		14.00
100	QPSK	270	0		13.80		14.00
100	16QAM	1	1		13.88		14.00
100	64QAM	1	1		13.61		14.00
100	256QAM	1	1		13.60		14.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	13.75	13.75	13.74	14.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	13.70	13.63	13.66	14.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	13.66	13.71	13.60	14.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	13.62	13.71	13.66	14.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	13.72	13.66	13.69	14.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	13.72	13.61	13.60	14.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	13.62	13.74	13.62	14.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	13.62	13.62	13.65	14.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	13.61	13.62	13.70	14.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	13.71	13.70	13.60	14.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	13.73	13.66	13.70	14.00

【FR1 n77 (27O) _FCC_Part 27O (3700~3980MHz)_Ant 6 _ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	

100	PI/2 BPSK	1	1	13.89	13.83	13.65	14.00
100	PI/2 BPSK	1	137	13.85	13.90	13.60	14.00
100	PI/2 BPSK	1	271	13.62	13.63	13.61	14.00
100	PI/2 BPSK	135	0	13.70	13.78	13.60	14.00
100	PI/2 BPSK	135	69	13.61	13.66	13.60	14.00
100	PI/2 BPSK	135	138	13.61	13.61	13.60	14.00
100	PI/2 BPSK	270	0	13.64	13.70	13.61	14.00
100	QPSK	1	1	13.76	13.83	13.60	14.00
100	QPSK	1	137	13.82	13.87	13.64	14.00
100	QPSK	1	271	13.60	13.62	13.61	14.00
100	QPSK	135	0	13.74	13.82	13.61	14.00
100	QPSK	135	69	13.74	13.73	13.60	14.00
100	QPSK	135	138	13.61	13.62	13.60	14.00
100	QPSK	270	0	13.73	13.72	13.61	14.00
100	16QAM	1	1	13.89	13.99	13.65	14.00
100	64QAM	1	1	13.64	13.64	13.61	14.00
100	256QAM	1	1	13.60	13.60	13.61	14.00
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	13.84	13.68	13.61	14.00
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	13.80	13.72	13.60	14.00
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	13.83	13.72	13.60	14.00
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	13.87	13.78	13.62	14.00
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	13.80	13.71	13.60	14.00
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	13.76	13.69	13.60	14.00
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	13.85	13.69	13.61	14.00
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	13.75	13.70	13.61	14.00
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	13.79	13.70	13.60	14.00
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	13.85	13.79	13.60	14.00
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	13.86	13.79	13.62	14.00

【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 6_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		26.08		27.00
100	PI/2 BPSK	1	137		26.18		27.00
100	PI/2 BPSK	1	271		26.06		27.00
100	PI/2 BPSK	135	0		25.63		26.50
100	PI/2 BPSK	135	69		26.09		27.00
100	PI/2 BPSK	135	138		25.56		26.50
100	PI/2 BPSK	270	0		25.54		26.50
100	QPSK	1	1		26.12		27.00
100	QPSK	1	137		26.21		27.00
100	QPSK	1	271		26.09		27.00
100	QPSK	135	0		24.20		25.00

100	QPSK	135	69		26.17		27.00
100	QPSK	135	138		24.18		25.00
100	QPSK	270	0		24.15		25.00
100	16QAM	1	1		25.05		26.00
100	64QAM	1	1		23.58		24.50
100	256QAM	1	1		21.83		22.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	26.08	26.14	26.10	27.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	25.95	26.16	25.97	27.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	25.99	26.00	26.04	27.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	26.07	26.03	26.01	27.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	25.99	26.10	26.00	27.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	25.95	26.10	26.04	27.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	26.01	26.04	25.97	27.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	25.98	26.07	25.96	27.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	25.99	26.02	26.05	27.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	26.01	26.06	26.00	27.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	25.93	26.09	26.01	27.00

【FR1 n77 (270) FCC_Part 270 (3700~3980MHz)_HPUE_Ant 6_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	26.16	26.16	25.90	27.00
100	PI/2 BPSK	1	137	26.26	26.20	25.73	27.00
100	PI/2 BPSK	1	271	26.23	25.86	25.60	27.00
100	PI/2 BPSK	135	0	25.68	25.66	25.31	26.50
100	PI/2 BPSK	135	69	26.18	26.10	25.70	27.00
100	PI/2 BPSK	135	138	25.71	25.47	25.09	26.50
100	PI/2 BPSK	270	0	25.62	25.53	25.15	26.50
100	QPSK	1	1	26.18	26.20	25.92	27.00
100	QPSK	1	137	26.30	26.21	25.75	27.00
100	QPSK	1	271	26.26	25.90	25.64	27.00
100	QPSK	135	0	24.18	24.29	23.93	25.00
100	QPSK	135	69	26.25	26.17	25.72	27.00
100	QPSK	135	138	24.26	24.11	23.66	25.00
100	QPSK	270	0	24.19	24.13	23.74	25.00
100	16QAM	1	1	25.10	25.16	24.86	26.00
100	64QAM	1	1	23.60	23.67	23.46	24.50
100	256QAM	1	1	21.81	21.92	21.67	22.50
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	26.11	26.02	25.76	27.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	26.02	26.07	25.82	27.00
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	26.06	26.07	25.83	27.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	26.12	26.04	25.82	27.00

Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	26.06	26.13	25.86	27.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	26.12	26.04	25.82	27.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	26.04	26.06	25.82	27.00
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	26.08	26.09	25.89	27.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	26.13	26.14	25.86	27.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	26.06	26.06	25.80	27.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	26.01	26.03	25.79	27.00

【FR1 n77 (27Q)_ FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 6_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		24.50		25.50
100	PI/2 BPSK	1	137		24.44		25.50
100	PI/2 BPSK	1	271		24.43		25.50
100	PI/2 BPSK	135	0		24.48		25.50
100	PI/2 BPSK	135	69		24.44		25.50
100	PI/2 BPSK	135	138		24.46		25.50
100	PI/2 BPSK	270	0		24.43		25.50
100	QPSK	1	1		24.42		25.50
100	QPSK	1	137		24.41		25.50
100	QPSK	1	271		24.40		25.50
100	QPSK	135	0		24.40		25.00
100	QPSK	135	69		24.40		25.50
100	QPSK	135	138		24.35		25.00
100	QPSK	270	0		24.33		25.00
100	16QAM	1	1		24.31		25.50
100	64QAM	1	1		23.03		24.50
100	256QAM	1	1		21.22		22.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	24.43	24.45	24.42	25.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	24.32	24.43	24.29	25.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	24.28	24.43	24.31	25.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	24.28	24.36	24.35	25.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	24.40	24.33	24.39	25.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	24.31	24.37	24.28	25.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	24.30	24.32	24.31	25.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	24.39	24.34	24.31	25.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	24.34	24.41	24.32	25.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	24.38	24.40	24.32	25.50

Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	24.34	24.30	24.32	25.50

【FR1 n77 (270) FCC_Part 27O (3700~3980MHz)_HPUE_Ant 6_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	24.59	24.62	24.39	25.50
100	PI/2 BPSK	1	137	24.44	24.59	24.33	25.50
100	PI/2 BPSK	1	271	24.50	24.57	24.29	25.50
100	PI/2 BPSK	135	0	24.33	24.38	24.10	25.50
100	PI/2 BPSK	135	69	24.31	24.35	24.09	25.50
100	PI/2 BPSK	135	138	24.26	24.36	24.07	25.50
100	PI/2 BPSK	270	0	24.32	24.37	24.09	25.50
100	QPSK	1	1	24.49	24.61	24.23	25.50
100	QPSK	1	137	24.52	24.56	24.25	25.50
100	QPSK	1	271	24.42	24.55	24.29	25.50
100	QPSK	135	0	24.21	24.33	23.96	25.00
100	QPSK	135	69	24.17	24.32	23.98	25.50
100	QPSK	135	138	24.26	24.33	23.98	25.00
100	QPSK	270	0	24.24	24.34	24.06	25.00
100	16QAM	1	1	24.25	24.35	24.10	25.50
100	64QAM	1	1	22.80	22.88	22.61	24.50
100	256QAM	1	1	21.05	21.10	20.78	22.50
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	24.45	24.59	24.30	25.50
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	24.45	24.58	24.35	25.50
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	24.48	24.59	24.30	25.50
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	24.49	24.55	24.28	25.50
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	24.49	24.58	24.32	25.50
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	24.47	24.56	24.35	25.50
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	24.52	24.55	24.26	25.50
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	24.52	24.52	24.35	25.50
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	24.54	24.56	24.34	25.50
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	24.45	24.57	24.38	25.50
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	24.49	24.54	24.34	25.50

【FR1 n77 (27Q) FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 6_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		16.85		17.00
100	PI/2 BPSK	1	137		16.96		17.00
100	PI/2 BPSK	1	271		16.81		17.00
100	PI/2 BPSK	135	0		16.89		17.00
100	PI/2 BPSK	135	69		16.77		17.00

100	PI/2 BPSK	135	138		16.85		17.00
100	PI/2 BPSK	270	0		16.88		17.00
100	QPSK	1	1		16.80		17.00
100	QPSK	1	137		16.87		17.00
100	QPSK	1	271		16.78		17.00
100	QPSK	135	0		16.95		17.00
100	QPSK	135	69		16.91		17.00
100	QPSK	135	138		16.91		17.00
100	QPSK	270	0		16.92		17.00
100	16QAM	1	1		16.62		17.00
100	64QAM	1	1		16.92		17.00
100	256QAM	1	1		16.93		17.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	16.84	16.83	16.84	17.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	16.76	16.76	16.83	17.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	16.78	16.74	16.77	17.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	16.73	16.77	16.73	17.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	16.71	16.79	16.80	17.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	16.79	16.78	16.80	17.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	16.78	16.80	16.69	17.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	16.81	16.82	16.80	17.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	16.77	16.79	16.69	17.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	16.75	16.79	16.76	17.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	16.77	16.79	16.71	17.00

【FR1 n77 (270) _FCC_Part 270 (3700~3980MHz)_HPUE_Ant 6_ECI 6】

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	16.89	16.86	16.66	17.00
100	PI/2 BPSK	1	137	16.82	16.92	16.64	17.00
100	PI/2 BPSK	1	271	16.60	16.63	16.60	17.00
100	PI/2 BPSK	135	0	16.86	16.88	16.63	17.00
100	PI/2 BPSK	135	69	16.62	16.74	16.61	17.00
100	PI/2 BPSK	135	138	16.67	16.67	16.60	17.00
100	PI/2 BPSK	270	0	16.68	16.80	16.63	17.00
100	QPSK	1	1	16.73	16.82	16.60	17.00
100	QPSK	1	137	16.83	16.84	16.61	17.00
100	QPSK	1	271	16.60	16.62	16.60	17.00
100	QPSK	135	0	16.84	16.91	16.62	17.00
100	QPSK	135	69	16.79	16.86	16.63	17.00
100	QPSK	135	138	16.71	16.75	16.61	17.00
100	QPSK	270	0	16.83	16.84	16.60	17.00
100	16QAM	1	1	16.64	16.61	16.64	17.00
100	64QAM	1	1	16.88	16.89	16.65	17.00
100	256QAM	1	1	16.88	16.98	16.66	17.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	16.83	16.79	16.62	17.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	16.77	16.81	16.61	17.00

Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	16.81	16.83	16.65	17.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	16.78	16.76	16.62	17.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	16.78	16.77	16.62	17.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	16.87	16.84	16.60	17.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	16.77	16.71	16.62	17.00
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	16.87	16.74	16.64	17.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	16.84	16.74	16.63	17.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	16.87	16.75	16.60	17.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	16.84	16.73	16.61	17.00

【FR1 n77 (27Q)_ FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 6_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		16.85		18.40
100	PI/2 BPSK	1	137		16.96		18.40
100	PI/2 BPSK	1	271		16.81		18.40
100	PI/2 BPSK	135	0		16.89		18.40
100	PI/2 BPSK	135	69		16.77		18.40
100	PI/2 BPSK	135	138		16.85		18.40
100	PI/2 BPSK	270	0		16.88		18.40
100	QPSK	1	1		16.80		18.40
100	QPSK	1	137		16.87		18.40
100	QPSK	1	271		16.78		18.40
100	QPSK	135	0		16.95		18.40
100	QPSK	135	69		16.91		18.40
100	QPSK	135	138		16.91		18.40
100	QPSK	270	0		16.92		18.40
100	16QAM	1	1		16.62		18.40
100	64QAM	1	1		16.92		18.40
100	256QAM	1	1		16.93		18.40
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	16.84	16.83	16.84	18.40
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	16.76	16.76	16.83	18.40
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	16.78	16.74	16.77	18.40
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	16.73	16.77	16.73	18.40
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	16.71	16.79	16.80	18.40
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	16.79	16.78	16.80	18.40
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	16.78	16.80	16.69	18.40
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	16.81	16.82	16.80	18.40

Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	16.77	16.79	16.69	18.40
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	16.75	16.79	16.76	18.40
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	16.77	16.79	16.71	18.40

【FR1 n77 (270) _ FCC_Part 270 (3700~3980MHz)_HPUE_Ant 6_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	Tune-up limit (dBm)
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	16.89	16.86	16.66	18.40
100	PI/2 BPSK	1	137	16.82	16.92	16.64	18.40
100	PI/2 BPSK	1	271	16.60	16.63	16.60	18.40
100	PI/2 BPSK	135	0	16.86	16.88	16.63	18.40
100	PI/2 BPSK	135	69	16.62	16.74	16.61	18.40
100	PI/2 BPSK	135	138	16.67	16.67	16.60	18.40
100	PI/2 BPSK	270	0	16.68	16.80	16.63	18.40
100	QPSK	1	1	16.73	16.82	16.60	18.40
100	QPSK	1	137	16.83	16.84	16.61	18.40
100	QPSK	1	271	16.60	16.62	16.60	18.40
100	QPSK	135	0	16.84	16.91	16.62	18.40
100	QPSK	135	69	16.79	16.86	16.63	18.40
100	QPSK	135	138	16.71	16.75	16.61	18.40
100	QPSK	270	0	16.83	16.84	16.60	18.40
100	16QAM	1	1	16.64	16.61	16.64	18.40
100	64QAM	1	1	16.88	16.89	16.65	18.40
100	256QAM	1	1	16.88	16.98	16.66	18.40
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	16.83	16.79	16.62	18.40
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	16.77	16.81	16.61	18.40
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	16.81	16.83	16.65	18.40
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	16.78	16.76	16.62	18.40
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	16.78	16.77	16.62	18.40
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	16.87	16.84	16.60	18.40
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	16.77	16.71	16.62	18.40
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	16.87	16.74	16.64	18.40
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	16.84	16.74	16.63	18.40
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	16.87	16.75	16.60	18.40
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	16.84	16.73	16.61	18.40

【FR1 n77 (27Q) _ FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 6_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		

Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		16.85		17.00
100	PI/2 BPSK	1	137		16.96		17.00
100	PI/2 BPSK	1	271		16.81		17.00
100	PI/2 BPSK	135	0		16.89		17.00
100	PI/2 BPSK	135	69		16.77		17.00
100	PI/2 BPSK	135	138		16.85		17.00
100	PI/2 BPSK	270	0		16.88		17.00
100	QPSK	1	1		16.80		17.00
100	QPSK	1	137		16.87		17.00
100	QPSK	1	271		16.78		17.00
100	QPSK	135	0		16.95		17.00
100	QPSK	135	69		16.91		17.00
100	QPSK	135	138		16.91		17.00
100	QPSK	270	0		16.92		17.00
100	16QAM	1	1		16.62		17.00
100	64QAM	1	1		16.92		17.00
100	256QAM	1	1		16.93		17.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	16.84	16.83	16.84	17.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	16.76	16.76	16.83	17.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	16.78	16.74	16.77	17.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	16.73	16.77	16.73	17.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	16.71	16.79	16.80	17.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	16.79	16.78	16.80	17.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	16.78	16.80	16.69	17.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	16.81	16.82	16.80	17.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	16.77	16.79	16.69	17.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	16.75	16.79	16.76	17.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	16.77	16.79	16.71	17.00

【FR1 n77 (270) FCC_Part 270 (3700~3980MHz)_HPUE_Ant 6_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	16.89	16.86	16.66	17.00
100	PI/2 BPSK	1	137	16.82	16.92	16.64	17.00
100	PI/2 BPSK	1	271	16.60	16.63	16.60	17.00
100	PI/2 BPSK	135	0	16.86	16.88	16.63	17.00
100	PI/2 BPSK	135	69	16.62	16.74	16.61	17.00
100	PI/2 BPSK	135	138	16.67	16.67	16.60	17.00
100	PI/2 BPSK	270	0	16.68	16.80	16.63	17.00
100	QPSK	1	1	16.73	16.82	16.60	17.00
100	QPSK	1	137	16.83	16.84	16.61	17.00
100	QPSK	1	271	16.60	16.62	16.60	17.00
100	QPSK	135	0	16.84	16.91	16.62	17.00
100	QPSK	135	69	16.79	16.86	16.63	17.00
100	QPSK	135	138	16.71	16.75	16.61	17.00
100	QPSK	270	0	16.83	16.84	16.60	17.00
100	16QAM	1	1	16.64	16.61	16.64	17.00
100	64QAM	1	1	16.88	16.89	16.65	17.00
100	256QAM	1	1	16.88	16.98	16.66	17.00

Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	16.83	16.79	16.62	17.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	16.77	16.81	16.61	17.00
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	16.81	16.83	16.65	17.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	16.78	16.76	16.62	17.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	16.78	16.77	16.62	17.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	16.87	16.84	16.60	17.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	16.77	16.71	16.62	17.00
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	16.87	16.74	16.64	17.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	16.84	16.74	16.63	17.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	16.87	16.75	16.60	17.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	16.84	16.73	16.61	17.00

【FR1 n77 (27Q) _FCC_Part 27Q (3450~3550MHz)_Ant 7 _ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.22		24.30
100	PI/2 BPSK	1	137		23.32		24.30
100	PI/2 BPSK	1	271		23.20		24.30
100	PI/2 BPSK	135	0		22.68		23.30
100	PI/2 BPSK	135	69		23.16		24.30
100	PI/2 BPSK	135	138		22.65		23.30
100	PI/2 BPSK	270	0		22.68		23.30
100	QPSK	1	1		23.25		24.50
100	QPSK	1	137		23.34		24.50
100	QPSK	1	271		23.21		24.50
100	QPSK	135	0		22.23		23.50
100	QPSK	135	69		23.21		24.50
100	QPSK	135	138		22.22		23.50
100	QPSK	270	0		22.21		23.50
100	16QAM	1	1		22.38		23.50
100	64QAM	1	1		20.58		22.00
100	256QAM	1	1		18.49		20.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	QPSK	1	1	23.21	23.23	23.20	24.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	QPSK	1	1	23.18	23.11	23.11	24.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	QPSK	1	1	23.08	23.17	23.07	24.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)

60	QPSK	1	1	23.18	23.18	23.11	24.50
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	QPSK	1	1	23.11	23.13	23.16	24.50
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	QPSK	1	1	23.19	23.15	23.18	24.50
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	QPSK	1	1	23.09	23.15	23.13	24.50
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	QPSK	1	1	23.14	23.09	23.08	24.50
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	QPSK	1	1	23.07	23.16	23.14	24.50
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	QPSK	1	1	23.10	23.11	23.14	24.50
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	QPSK	1	1	23.07	23.09	23.18	24.50

【FR1 n77 (270)_FCC_Part 270 (3700~3980MHz)_Ant 7_ECI 2】

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	22.92	23.12	22.97	24.30
100	PI/2 BPSK	1	137	23.09	23.21	22.91	24.30
100	PI/2 BPSK	1	271	23.19	22.92	22.92	24.30
100	PI/2 BPSK	135	0	22.38	22.58	22.30	23.30
100	PI/2 BPSK	135	69	22.88	23.06	22.73	24.30
100	PI/2 BPSK	135	138	22.51	22.43	22.25	23.30
100	PI/2 BPSK	270	0	22.48	22.52	22.30	23.30
100	QPSK	1	1	22.96	23.13	22.98	24.50
100	QPSK	1	137	23.09	23.14	22.99	24.50
100	QPSK	1	271	23.08	22.96	22.95	24.50
100	QPSK	135	0	21.91	22.12	21.84	23.50
100	QPSK	135	69	22.96	23.10	22.79	24.50
100	QPSK	135	138	22.08	21.98	21.78	23.50
100	QPSK	270	0	21.99	22.05	21.82	23.50
100	16QAM	1	1	22.10	22.33	22.12	23.50
100	64QAM	1	1	20.25	20.45	20.25	22.00
100	256QAM	1	1	18.20	18.38	18.18	20.00
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	QPSK	1	1	22.80	23.03	22.93	24.50
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	QPSK	1	1	22.86	23.02	22.89	24.50
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	QPSK	1	1	22.87	23.09	22.96	24.50
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	QPSK	1	1	22.89	22.99	22.88	24.50
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	QPSK	1	1	22.82	23.04	22.91	24.50
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	QPSK	1	1	22.80	23.02	22.90	24.50
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	QPSK	1	1	22.79	23.10	22.92	24.50
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	QPSK	1	1	22.85	22.98	22.95	24.50
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	QPSK	1	1	22.81	22.99	22.90	24.50
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	

15	QPSK	1	1	22.77	23.06	22.95	24.50
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	QPSK	1	1	22.90	22.97	22.87	24.50

【FR1 n77 (27Q) _FCC_Part 27Q (3450~3550MHz)_Ant 7 _ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.22		24.30
100	PI/2 BPSK	1	137		23.32		24.30
100	PI/2 BPSK	1	271		23.20		24.30
100	PI/2 BPSK	135	0		22.68		23.30
100	PI/2 BPSK	135	69		23.16		24.30
100	PI/2 BPSK	135	138		22.65		23.30
100	PI/2 BPSK	270	0		22.68		23.30
100	QPSK	1	1		23.25		24.50
100	QPSK	1	137		23.34		24.50
100	QPSK	1	271		23.21		24.50
100	QPSK	135	0		22.23		23.50
100	QPSK	135	69		23.21		24.50
100	QPSK	135	138		22.22		23.50
100	QPSK	270	0		22.21		23.50
100	16QAM	1	1		22.38		23.50
100	64QAM	1	1		20.58		22.00
100	256QAM	1	1		18.49		20.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	QPSK	1	1	23.21	23.23	23.20	24.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	QPSK	1	1	23.18	23.11	23.11	24.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	QPSK	1	1	23.08	23.17	23.07	24.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	QPSK	1	1	23.18	23.18	23.11	24.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	QPSK	1	1	23.11	23.13	23.16	24.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	QPSK	1	1	23.19	23.15	23.18	24.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	QPSK	1	1	23.09	23.15	23.13	24.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	QPSK	1	1	23.14	23.09	23.08	24.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	QPSK	1	1	23.07	23.16	23.14	24.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	QPSK	1	1	23.10	23.11	23.14	24.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	QPSK	1	1	23.07	23.09	23.18	24.50

【FR1 n77 (27O) _FCC_Part 27O (3700~3980MHz)_Ant 7 _ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	22.92	23.12	22.97	24.30
100	PI/2 BPSK	1	137	23.09	23.21	22.91	24.30
100	PI/2 BPSK	1	271	23.19	22.92	22.92	24.30
100	PI/2 BPSK	135	0	22.38	22.58	22.30	23.30

100	PI/2 BPSK	135	69	22.88	23.06	22.73	24.30
100	PI/2 BPSK	135	138	22.51	22.43	22.25	23.30
100	PI/2 BPSK	270	0	22.48	22.52	22.30	23.30
100	QPSK	1	1	22.96	23.13	22.98	24.50
100	QPSK	1	137	23.09	23.14	22.99	24.50
100	QPSK	1	271	23.08	22.96	22.95	24.50
100	QPSK	135	0	21.91	22.12	21.84	23.50
100	QPSK	135	69	22.96	23.10	22.79	24.50
100	QPSK	135	138	22.08	21.98	21.78	23.50
100	QPSK	270	0	21.99	22.05	21.82	23.50
100	16QAM	1	1	22.10	22.33	22.12	23.50
100	64QAM	1	1	20.25	20.45	20.25	22.00
100	256QAM	1	1	18.20	18.38	18.18	20.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	QPSK	1	1	22.80	23.03	22.93	24.50
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	QPSK	1	1	22.86	23.02	22.89	24.50
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	QPSK	1	1	22.87	23.09	22.96	24.50
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	QPSK	1	1	22.89	22.99	22.88	24.50
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	QPSK	1	1	22.82	23.04	22.91	24.50
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	QPSK	1	1	22.80	23.02	22.90	24.50
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	QPSK	1	1	22.79	23.10	22.92	24.50
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	QPSK	1	1	22.85	22.98	22.95	24.50
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	QPSK	1	1	22.81	22.99	22.90	24.50
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	QPSK	1	1	22.77	23.06	22.95	24.50
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	QPSK	1	1	22.90	22.97	22.87	24.50

【FR1 n77 (27Q) _FCC_Part 27Q (3450~3550MHz)_Ant 7 _ECI 6】

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		15.32		15.70
100	PI/2 BPSK	1	137		15.51		15.70
100	PI/2 BPSK	1	271		15.30		15.70
100	PI/2 BPSK	135	0		15.38		15.70
100	PI/2 BPSK	135	69		15.43		15.70
100	PI/2 BPSK	135	138		15.33		15.70
100	PI/2 BPSK	270	0		15.39		15.70
100	QPSK	1	1		15.32		15.70
100	QPSK	1	137		15.50		15.70
100	QPSK	1	271		15.30		15.70
100	QPSK	135	0		15.42		15.70
100	QPSK	135	69		15.43		15.70
100	QPSK	135	138		15.38		15.70
100	QPSK	270	0		15.39		15.70
100	16QAM	1	1		15.51		15.70
100	64QAM	1	1		15.20		15.70
100	256QAM	1	1		15.21		15.70
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	15.31	15.30	15.31	15.70
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)

80	PI/2 BPSK	1	1	15.26	15.29	15.26	15.70
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	15.20	15.26	15.29	15.70
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	15.24	15.26	15.24	15.70
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	15.23	15.28	15.21	15.70
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	15.24	15.25	15.27	15.70
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	15.29	15.23	15.24	15.70
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	15.20	15.25	15.28	15.70
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	15.21	15.27	15.23	15.70
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	15.20	15.22	15.25	15.70
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	15.25	15.21	15.20	15.70

【FR1 n77 (270)_FCC_Part 270 (3700~3980MHz)_Ant 7_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	15.22	15.15	15.13	15.70
100	PI/2 BPSK	1	137	15.22	15.29	15.13	15.70
100	PI/2 BPSK	1	271	15.14	15.13	15.13	15.70
100	PI/2 BPSK	135	0	15.22	15.23	15.13	15.70
100	PI/2 BPSK	135	69	15.11	15.14	15.11	15.70
100	PI/2 BPSK	135	138	15.12	15.11	15.11	15.70
100	PI/2 BPSK	270	0	15.11	15.15	15.11	15.70
100	QPSK	1	1	15.12	15.15	15.12	15.70
100	QPSK	1	137	15.22	15.28	15.12	15.70
100	QPSK	1	271	15.11	15.12	15.12	15.70
100	QPSK	135	0	15.21	15.23	15.12	15.70
100	QPSK	135	69	15.18	15.15	15.11	15.70
100	QPSK	135	138	15.11	15.13	15.12	15.70
100	QPSK	270	0	15.21	15.18	15.12	15.70
100	16QAM	1	1	15.21	15.33	15.13	15.70
100	64QAM	1	1	15.11	15.10	15.13	15.70
100	256QAM	1	1	15.16	15.11	15.12	15.70
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	15.21	15.14	15.11	15.70
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	15.16	15.13	15.12	15.70
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	15.15	15.11	15.11	15.70
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	15.14	15.13	15.11	15.70
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	15.16	15.12	15.13	15.70
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	15.21	15.12	15.11	15.70
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	15.18	15.11	15.11	15.70
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)

25	PI/2 BPSK	1	1	15.18	15.12	15.12	15.70
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	15.19	15.11	15.11	15.70
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	15.20	15.14	15.12	15.70
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	15.20	15.12	15.11	15.70

【FR1 n77 (27Q) _FCC_Part 27Q (3450~3550MHz)_Ant 7 _ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		16.81		18.20
100	PI/2 BPSK	1	137		16.99		18.20
100	PI/2 BPSK	1	271		16.77		18.20
100	PI/2 BPSK	135	0		16.80		18.20
100	PI/2 BPSK	135	69		16.89		18.20
100	PI/2 BPSK	135	138		16.74		18.20
100	PI/2 BPSK	270	0		16.79		18.20
100	QPSK	1	1		16.74		18.20
100	QPSK	1	137		16.96		18.20
100	QPSK	1	271		16.77		18.20
100	QPSK	135	0		16.88		18.20
100	QPSK	135	69		16.89		18.20
100	QPSK	135	138		16.84		18.20
100	QPSK	270	0		16.89		18.20
100	16QAM	1	1		16.93		18.20
100	64QAM	1	1		16.65		18.20
100	256QAM	1	1		16.69		18.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	16.77	16.79	16.74	18.20
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	16.65	16.78	16.70	18.20
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	16.70	16.71	16.67	18.20
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	16.72	16.70	16.67	18.20
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	16.76	16.73	16.61	18.20
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	16.64	16.64	16.62	18.20
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	16.70	16.68	16.60	18.20
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	16.70	16.71	16.66	18.20
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	16.71	16.64	16.60	18.20
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	16.72	16.76	16.59	18.20
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	16.71	16.74	16.70	18.20

【FR1 n77 (27Q) _FCC_Part 27Q (3700~3980MHz)_Ant 7 _ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
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Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	16.65	16.55	16.56	18.20
100	PI/2 BPSK	1	137	16.71	16.70	16.60	18.20
100	PI/2 BPSK	1	271	16.60	16.60	16.60	18.20
100	PI/2 BPSK	135	0	16.70	16.68	16.55	18.20
100	PI/2 BPSK	135	69	16.57	16.57	16.58	18.20
100	PI/2 BPSK	135	138	16.52	16.51	16.59	18.20
100	PI/2 BPSK	270	0	16.60	16.63	16.58	18.20
100	QPSK	1	1	16.60	16.57	16.62	18.20
100	QPSK	1	137	16.65	16.71	16.55	18.20
100	QPSK	1	271	16.61	16.60	16.58	18.20
100	QPSK	135	0	16.68	16.71	16.59	18.20
100	QPSK	135	69	16.65	16.56	16.53	18.20
100	QPSK	135	138	16.57	16.57	16.57	18.20
100	QPSK	270	0	16.61	16.59	16.54	18.20
100	16QAM	1	1	16.71	16.75	16.56	18.20
100	64QAM	1	1	16.58	16.51	16.61	18.20
100	256QAM	1	1	16.56	16.53	16.53	18.20
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	16.59	16.45	16.50	18.20
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	16.64	16.44	16.54	18.20
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	16.59	16.41	16.41	18.20
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	16.64	16.51	16.50	18.20
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	16.62	16.49	16.53	18.20
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	16.55	16.42	16.52	18.20
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	16.59	16.53	16.44	18.20
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	16.58	16.47	16.53	18.20
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	16.61	16.45	16.52	18.20
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	16.61	16.52	16.52	18.20
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	16.61	16.42	16.46	18.20

【FR1 n77 (27Q) _ FCC_Part 27Q (3450~3550MHz)_Ant 7 _ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		15.32		15.70
100	PI/2 BPSK	1	137		15.51		15.70
100	PI/2 BPSK	1	271		15.30		15.70
100	PI/2 BPSK	135	0		15.38		15.70
100	PI/2 BPSK	135	69		15.43		15.70
100	PI/2 BPSK	135	138		15.33		15.70
100	PI/2 BPSK	270	0		15.39		15.70
100	QPSK	1	1		15.32		15.70
100	QPSK	1	137		15.50		15.70
100	QPSK	1	271		15.30		15.70
100	QPSK	135	0		15.42		15.70
100	QPSK	135	69		15.43		15.70
100	QPSK	135	138		15.38		15.70
100	QPSK	270	0		15.39		15.70
100	16QAM	1	1		15.51		15.70
100	64QAM	1	1		15.20		15.70

100	256QAM	1	1	633000	15.21	633666	15.70
Channel				633332	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	15.31	15.30	15.31	15.70
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	15.26	15.29	15.26	15.70
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	15.20	15.26	15.29	15.70
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	15.24	15.26	15.24	15.70
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	15.23	15.28	15.21	15.70
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	15.24	15.25	15.27	15.70
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	15.29	15.23	15.24	15.70
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	15.20	15.25	15.28	15.70
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	15.21	15.27	15.23	15.70
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	15.20	15.22	15.25	15.70
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	15.25	15.21	15.20	15.70

【FR1 n77 (270)_FCC_Part 270 (3700~3980MHz)_Ant 7_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	15.22	15.15	15.13	15.70
100	PI/2 BPSK	1	137	15.22	15.29	15.13	15.70
100	PI/2 BPSK	1	271	15.14	15.13	15.13	15.70
100	PI/2 BPSK	135	0	15.22	15.23	15.13	15.70
100	PI/2 BPSK	135	69	15.11	15.14	15.11	15.70
100	PI/2 BPSK	135	138	15.12	15.11	15.11	15.70
100	PI/2 BPSK	270	0	15.11	15.15	15.11	15.70
100	QPSK	1	1	15.12	15.15	15.12	15.70
100	QPSK	1	137	15.22	15.28	15.12	15.70
100	QPSK	1	271	15.11	15.12	15.12	15.70
100	QPSK	135	0	15.21	15.23	15.12	15.70
100	QPSK	135	69	15.18	15.15	15.11	15.70
100	QPSK	135	138	15.11	15.13	15.12	15.70
100	QPSK	270	0	15.21	15.18	15.12	15.70
100	16QAM	1	1	15.21	15.33	15.13	15.70
100	64QAM	1	1	15.11	15.10	15.13	15.70
100	256QAM	1	1	15.16	15.11	15.12	15.70
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	15.21	15.14	15.11	15.70
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	15.16	15.13	15.12	15.70
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	15.15	15.11	15.11	15.70
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	15.14	15.13	15.11	15.70
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	15.16	15.12	15.13	15.70
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)

40	PI/2 BPSK	1	1	15.21	15.12	15.11	15.70
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	15.18	15.11	15.11	15.70
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	15.18	15.12	15.12	15.70
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	15.19	15.11	15.11	15.70
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	15.20	15.14	15.12	15.70
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	15.20	15.12	15.11	15.70

【FR1 n77 (27Q) FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 7_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		25.28		26.50
100	PI/2 BPSK	1	137		25.31		26.50
100	PI/2 BPSK	1	271		25.25		26.50
100	PI/2 BPSK	135	0		24.76		26.00
100	PI/2 BPSK	135	69		25.23		26.50
100	PI/2 BPSK	135	138		24.74		26.00
100	PI/2 BPSK	270	0		24.69		26.00
100	QPSK	1	1		25.31		26.50
100	QPSK	1	137		25.34		26.50
100	QPSK	1	271		25.29		26.50
100	QPSK	135	0		23.35		24.50
100	QPSK	135	69		25.32		26.50
100	QPSK	135	138		23.35		24.50
100	QPSK	270	0		23.31		24.50
100	16QAM	1	1		24.25		25.50
100	64QAM	1	1		22.82		24.00
100	256QAM	1	1		21.03		22.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	25.27	25.27	25.26	26.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	25.26	25.25	25.21	26.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	25.13	25.15	25.18	26.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	25.16	25.21	25.25	26.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	25.14	25.14	25.16	26.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	25.18	25.19	25.11	26.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	25.21	25.21	25.11	26.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	25.21	25.12	25.17	26.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	25.17	25.16	25.14	26.50
Channel				630500	633332	636166	Tune-up limit

Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	25.13	25.26	25.20	26.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	25.23	25.13	25.15	26.50

【FR1 n77 (27O) _FCC_Part 27O (3700~3980MHz)_HPUE_Ant 7_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	25.07	25.06	24.86	26.50
100	PI/2 BPSK	1	137	25.15	25.10	24.86	26.50
100	PI/2 BPSK	1	271	25.12	24.85	24.90	26.50
100	PI/2 BPSK	135	0	24.53	24.58	24.32	26.00
100	PI/2 BPSK	135	69	25.03	25.02	24.78	26.50
100	PI/2 BPSK	135	138	24.61	24.46	24.35	26.00
100	PI/2 BPSK	270	0	24.50	24.43	24.28	26.00
100	QPSK	1	1	25.10	25.10	24.89	26.50
100	QPSK	1	137	25.17	25.13	24.89	26.50
100	QPSK	1	271	25.16	24.88	24.92	26.50
100	QPSK	135	0	23.03	23.17	22.94	24.50
100	QPSK	135	69	25.12	25.10	24.88	26.50
100	QPSK	135	138	23.16	23.05	22.91	24.50
100	QPSK	270	0	23.07	23.07	22.90	24.50
100	16QAM	1	1	23.96	24.07	23.88	25.50
100	64QAM	1	1	22.50	22.63	22.43	24.00
100	256QAM	1	1	20.71	20.83	20.66	22.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	24.94	25.01	24.75	26.50
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	24.98	25.04	24.75	26.50
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	25.01	24.99	24.74	26.50
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	24.93	24.93	24.74	26.50
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	25.04	24.92	24.73	26.50
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	25.00	25.04	24.84	26.50
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	24.94	24.98	24.79	26.50
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	24.98	25.01	24.81	26.50
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	25.02	24.92	24.79	26.50
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	24.94	24.91	24.75	26.50
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	25.05	25.02	24.81	26.50

【FR1 n77 (27Q) _FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 7_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		25.28		26.50
100	PI/2 BPSK	1	137		25.31		26.50
100	PI/2 BPSK	1	271		25.25		26.50

100	PI/2 BPSK	135	0		24.76		26.00
100	PI/2 BPSK	135	69		25.23		26.50
100	PI/2 BPSK	135	138		24.74		26.00
100	PI/2 BPSK	270	0		24.69		26.00
100	QPSK	1	1		25.31		26.50
100	QPSK	1	137		25.34		26.50
100	QPSK	1	271		25.29		26.50
100	QPSK	135	0		23.35		24.50
100	QPSK	135	69		25.32		26.50
100	QPSK	135	138		23.35		24.50
100	QPSK	270	0		23.31		24.50
100	16QAM	1	1		24.25		25.50
100	64QAM	1	1		22.82		24.00
100	256QAM	1	1		21.03		22.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	25.27	25.27	25.26	26.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	25.26	25.25	25.21	26.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	25.13	25.15	25.18	26.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	25.16	25.21	25.25	26.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	25.14	25.14	25.16	26.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	25.18	25.19	25.11	26.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	25.21	25.21	25.11	26.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	25.21	25.12	25.17	26.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	25.17	25.16	25.14	26.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	25.13	25.26	25.20	26.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	25.23	25.13	25.15	26.50

【FR1 n77 (270)_FCC_Part 270 (3700~3980MHz)_HPUE_Ant 7_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	25.07	25.06	24.86	26.50
100	PI/2 BPSK	1	137	25.15	25.10	24.86	26.50
100	PI/2 BPSK	1	271	25.12	24.85	24.90	26.50
100	PI/2 BPSK	135	0	24.53	24.58	24.32	26.00
100	PI/2 BPSK	135	69	25.03	25.02	24.78	26.50
100	PI/2 BPSK	135	138	24.61	24.46	24.35	26.00
100	PI/2 BPSK	270	0	24.50	24.43	24.28	26.00
100	QPSK	1	1	25.10	25.10	24.89	26.50
100	QPSK	1	137	25.17	25.13	24.89	26.50
100	QPSK	1	271	25.16	24.88	24.92	26.50
100	QPSK	135	0	23.03	23.17	22.94	24.50
100	QPSK	135	69	25.12	25.10	24.88	26.50
100	QPSK	135	138	23.16	23.05	22.91	24.50
100	QPSK	270	0	23.07	23.07	22.90	24.50
100	16QAM	1	1	23.96	24.07	23.88	25.50
100	64QAM	1	1	22.50	22.63	22.43	24.00
100	256QAM	1	1	20.71	20.83	20.66	22.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	24.94	25.01	24.75	26.50
Channel				649334	656000	662666	Tune-up limit

	Frequency (MHz)			3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	24.98	25.04	24.75	26.50
	Channel			649000	656000	663000	Tune-up limit
	Frequency (MHz)			3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	25.01	24.99	24.74	26.50
	Channel			648668	656000	663332	Tune-up limit
	Frequency (MHz)			3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	24.93	24.93	24.74	26.50
	Channel			648334	656000	663666	Tune-up limit
	Frequency (MHz)			3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	25.04	24.92	24.73	26.50
	Channel			648000	656000	664000	Tune-up limit
	Frequency (MHz)			3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	25.00	25.04	24.84	26.50
	Channel			647668	656000	664332	Tune-up limit
	Frequency (MHz)			3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	24.94	24.98	24.79	26.50
	Channel			647500	656000	664500	Tune-up limit
	Frequency (MHz)			3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	24.98	25.01	24.81	26.50
	Channel			647334	656000	664666	Tune-up limit
	Frequency (MHz)			3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	25.02	24.92	24.79	26.50
	Channel			647168	656000	664832	Tune-up limit
	Frequency (MHz)			3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	24.94	24.91	24.75	26.50
	Channel			647000	656000	665000	Tune-up limit
	Frequency (MHz)			3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	25.05	25.02	24.81	26.50

【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 7_ECI 6】

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		18.42		18.70
100	PI/2 BPSK	1	137		18.51		18.70
100	PI/2 BPSK	1	271		18.37		18.70
100	PI/2 BPSK	135	0		18.36		18.70
100	PI/2 BPSK	135	69		18.38		18.70
100	PI/2 BPSK	135	138		18.43		18.70
100	PI/2 BPSK	270	0		18.47		18.70
100	QPSK	1	1		18.39		18.70
100	QPSK	1	137		18.49		18.70
100	QPSK	1	271		18.36		18.70
100	QPSK	135	0		18.40		18.70
100	QPSK	135	69		18.42		18.70
100	QPSK	135	138		18.47		18.70
100	QPSK	270	0		18.50		18.70
100	16QAM	1	1		18.11		18.70
100	64QAM	1	1		18.70		18.70
100	256QAM	1	1		18.61		18.70
	Channel			633000	633332	633666	Tune-up limit
	Frequency (MHz)			3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	18.41	18.40	18.40	18.70
	Channel			632668	633332	634000	Tune-up limit
	Frequency (MHz)			3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	18.27	18.34	18.28	18.70
	Channel			632334	633332	634332	Tune-up limit
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	18.38	18.37	18.37	18.70
	Channel			632000	633332	634666	Tune-up limit
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	18.31	18.32	18.32	18.70
	Channel			631668	633332	635000	Tune-up limit
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	18.40	18.37	18.34	18.70
	Channel			631334	633332	635332	Tune-up limit
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	18.28	18.38	18.30	18.70
	Channel			631000	633332	635666	Tune-up limit
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	18.39	18.28	18.36	18.70
	Channel			630834	633332	635832	Tune-up limit

Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	18.33	18.33	18.38	18.70
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	18.37	18.35	18.33	18.70
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	18.40	18.39	18.25	18.70
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	18.34	18.27	18.36	18.70

【FR1 n77 (270) FCC_Part 270 (3700~3980MHz)_HPUE_Ant 7_ECI 6】

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	18.17	18.13	18.11	18.70
100	PI/2 BPSK	1	137	18.17	18.30	18.11	18.70
100	PI/2 BPSK	1	271	18.10	18.14	18.11	18.70
100	PI/2 BPSK	135	0	18.16	18.27	18.12	18.70
100	PI/2 BPSK	135	69	18.16	18.19	18.10	18.70
100	PI/2 BPSK	135	138	18.17	18.19	18.11	18.70
100	PI/2 BPSK	270	0	18.26	18.24	18.14	18.70
100	QPSK	1	1	18.10	18.13	18.11	18.70
100	QPSK	1	137	18.17	18.28	18.11	18.70
100	QPSK	1	271	18.11	18.15	18.10	18.70
100	QPSK	135	0	18.16	18.27	18.13	18.70
100	QPSK	135	69	18.15	18.24	18.10	18.70
100	QPSK	135	138	18.24	18.24	18.15	18.70
100	QPSK	270	0	18.28	18.27	18.12	18.70
100	16QAM	1	1	18.10	18.11	18.10	18.70
100	64QAM	1	1	18.60	18.56	18.43	18.70
100	256QAM	1	1	18.60	18.50	18.11	18.70
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	18.11	18.12	18.11	18.70
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	18.13	18.10	18.11	18.70
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	18.10	18.11	18.10	18.70
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	18.10	18.11	18.10	18.70
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	18.10	18.10	18.12	18.70
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	18.12	18.10	18.10	18.70
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	18.12	18.10	18.10	18.70
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	18.10	18.10	18.10	18.70
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	18.10	18.11	18.10	18.70
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	18.11	18.10	18.11	18.70
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	18.12	18.11	18.11	18.70

【FR1 n77 (27Q) FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 7_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low	Power Middle	Power High	Tune-up limit (dBm)
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Channel				Ch. / Freq.	Ch. / Freq.	Ch. / Freq.	
Frequency (MHz)					633332		
					3499.98		
100	PI/2 BPSK	1	1		19.96		21.20
100	PI/2 BPSK	1	137		20.05		21.20
100	PI/2 BPSK	1	271		19.82		21.20
100	PI/2 BPSK	135	0		19.85		21.20
100	PI/2 BPSK	135	69		19.85		21.20
100	PI/2 BPSK	135	138		19.89		21.20
100	PI/2 BPSK	270	0		20.02		21.20
100	QPSK	1	1		19.88		21.20
100	QPSK	1	137		19.99		21.20
100	QPSK	1	271		19.83		21.20
100	QPSK	135	0		19.91		21.20
100	QPSK	135	69		19.95		21.20
100	QPSK	135	138		20.01		21.20
100	QPSK	270	0		20.00		21.20
100	16QAM	1	1		19.57		21.20
100	64QAM	1	1		20.18		21.20
100	256QAM	1	1		20.11		21.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	19.84	19.92	19.92	21.20
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	19.76	19.84	19.76	21.20
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	19.89	19.82	19.80	21.20
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	19.79	19.78	19.83	21.20
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	19.87	19.86	19.85	21.20
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	19.77	19.83	19.82	21.20
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	19.92	19.75	19.79	21.20
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	19.81	19.85	19.92	21.20
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	19.82	19.84	19.80	21.20
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	19.94	19.83	19.73	21.20
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	19.87	19.82	19.79	21.20

【FR1 n77 (270)_FCC_Part 270 (3700~3980MHz)_HPUE_Ant 7_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000		
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	19.80	19.85	19.80	21.20
100	PI/2 BPSK	1	137	19.87	19.94	19.77	21.20
100	PI/2 BPSK	1	271	19.80	19.84	19.81	21.20
100	PI/2 BPSK	135	0	19.79	19.97	19.82	21.20
100	PI/2 BPSK	135	69	19.87	19.82	19.75	21.20
100	PI/2 BPSK	135	138	19.81	19.88	19.81	21.20
100	PI/2 BPSK	270	0	19.88	19.87	19.80	21.20
100	QPSK	1	1	19.70	19.81	19.76	21.20
100	QPSK	1	137	19.88	19.98	19.78	21.20
100	QPSK	1	271	19.76	19.85	19.81	21.20
100	QPSK	135	0	19.79	19.94	19.73	21.20
100	QPSK	135	69	19.77	19.88	19.70	21.20
100	QPSK	135	138	19.88	19.95	19.78	21.20
100	QPSK	270	0	19.92	19.96	19.81	21.20
100	16QAM	1	1	19.78	19.75	19.70	21.20

100	64QAM	1	1	19.80	19.81	19.78	21.20
100	256QAM	1	1	20.01	20.05	19.83	21.20
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	19.68	19.79	19.75	21.20
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	19.67	19.82	19.68	21.20
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	19.77	19.75	19.68	21.20
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	19.67	19.83	19.68	21.20
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	19.79	19.78	19.69	21.20
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	19.67	19.70	19.73	21.20
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	19.75	19.83	19.78	21.20
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	19.77	19.81	19.76	21.20
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	19.69	19.82	19.72	21.20
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	19.75	19.75	19.69	21.20
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	19.71	19.78	19.75	21.20

【FR1 n77 (27Q) _FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 7_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		18.42		18.70
100	PI/2 BPSK	1	137		18.51		18.70
100	PI/2 BPSK	1	271		18.37		18.70
100	PI/2 BPSK	135	0		18.36		18.70
100	PI/2 BPSK	135	69		18.38		18.70
100	PI/2 BPSK	135	138		18.43		18.70
100	PI/2 BPSK	270	0		18.47		18.70
100	QPSK	1	1		18.39		18.70
100	QPSK	1	137		18.49		18.70
100	QPSK	1	271		18.36		18.70
100	QPSK	135	0		18.40		18.70
100	QPSK	135	69		18.42		18.70
100	QPSK	135	138		18.47		18.70
100	QPSK	270	0		18.50		18.70
100	16QAM	1	1		18.11		18.70
100	64QAM	1	1		18.70		18.70
100	256QAM	1	1		18.61		18.70
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	18.41	18.40	18.40	18.70
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	18.27	18.34	18.28	18.70
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	18.38	18.37	18.37	18.70
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	18.31	18.32	18.32	18.70
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	18.40	18.37	18.34	18.70
Channel				631334	633332	635332	Tune-up limit

	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	18.28	18.38	18.30	18.70
	Channel			631000	633332	635666	Tune-up limit
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	18.39	18.28	18.36	18.70
	Channel			630834	633332	635832	Tune-up limit
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	18.33	18.33	18.38	18.70
	Channel			630668	633332	636000	Tune-up limit
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	18.37	18.35	18.33	18.70
	Channel			630500	633332	636166	Tune-up limit
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	18.40	18.39	18.25	18.70
	Channel			630334	633332	636332	Tune-up limit
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	18.34	18.27	18.36	18.70

【FR1 n77 (270)_FCC_Part 270 (3700~3980MHz)_HPUE_Ant 7_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel			650000	656000	662000	
	Frequency (MHz)			3750	3840	3930	
100	PI/2 BPSK	1	1	18.17	18.13	18.11	18.70
100	PI/2 BPSK	1	137	18.17	18.30	18.11	18.70
100	PI/2 BPSK	1	271	18.10	18.14	18.11	18.70
100	PI/2 BPSK	135	0	18.16	18.27	18.12	18.70
100	PI/2 BPSK	135	69	18.16	18.19	18.10	18.70
100	PI/2 BPSK	135	138	18.17	18.19	18.11	18.70
100	PI/2 BPSK	270	0	18.26	18.24	18.14	18.70
100	QPSK	1	1	18.10	18.13	18.11	18.70
100	QPSK	1	137	18.17	18.28	18.11	18.70
100	QPSK	1	271	18.11	18.15	18.10	18.70
100	QPSK	135	0	18.16	18.27	18.13	18.70
100	QPSK	135	69	18.15	18.24	18.10	18.70
100	QPSK	135	138	18.24	18.24	18.15	18.70
100	QPSK	270	0	18.28	18.27	18.12	18.70
100	16QAM	1	1	18.10	18.11	18.10	18.70
100	64QAM	1	1	18.60	18.56	18.43	18.70
100	256QAM	1	1	18.60	18.50	18.11	18.70
	Channel			649668	656000	662332	Tune-up limit
	Frequency (MHz)			3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	18.11	18.12	18.11	18.70
	Channel			649334	656000	662666	Tune-up limit
	Frequency (MHz)			3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	18.13	18.10	18.11	18.70
	Channel			649000	656000	663000	Tune-up limit
	Frequency (MHz)			3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	18.10	18.11	18.10	18.70
	Channel			648668	656000	663332	Tune-up limit
	Frequency (MHz)			3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	18.10	18.11	18.10	18.70
	Channel			648334	656000	663666	Tune-up limit
	Frequency (MHz)			3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	18.10	18.10	18.12	18.70
	Channel			648000	656000	664000	Tune-up limit
	Frequency (MHz)			3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	18.12	18.10	18.10	18.70
	Channel			647668	656000	664332	Tune-up limit
	Frequency (MHz)			3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	18.12	18.10	18.10	18.70
	Channel			647500	656000	664500	Tune-up limit
	Frequency (MHz)			3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	18.10	18.10	18.10	18.70
	Channel			647334	656000	664666	Tune-up limit
	Frequency (MHz)			3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	18.10	18.11	18.10	18.70
	Channel			647168	656000	664832	Tune-up limit
	Frequency (MHz)			3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	18.11	18.10	18.11	18.70
	Channel			647000	656000	665000	Tune-up limit
	Frequency (MHz)			3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	18.12	18.11	18.11	18.70

【FR1 n78 (27Q) _ FCC_Part 27Q (3450~3550MHz)_Ant 1 _ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		14.40		15.60
100	PI/2 BPSK	1	137		14.34		15.60
100	PI/2 BPSK	1	271		14.31		15.60
100	PI/2 BPSK	135	0		14.30		15.60
100	PI/2 BPSK	135	69		14.29		15.60
100	PI/2 BPSK	135	138		14.30		15.60
100	PI/2 BPSK	270	0		14.26		15.60
100	QPSK	1	1		14.34		15.60
100	QPSK	1	137		14.30		15.60
100	QPSK	1	271		14.25		15.60
100	QPSK	135	0		14.29		15.60
100	QPSK	135	69		14.26		15.60
100	QPSK	135	138		14.29		15.60
100	QPSK	270	0		14.27		15.60
100	16QAM	1	1		14.55		15.60
100	64QAM	1	1		14.31		15.60
100	256QAM	1	1		14.65		15.60
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	14.40	14.38	14.35	15.60
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	14.29	14.31	14.32	15.60
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	14.37	14.27	14.29	15.60
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	14.33	14.31	14.26	15.60
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	14.31	14.26	14.27	15.60
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	14.25	14.25	14.27	15.60
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	14.31	14.24	14.29	15.60
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	14.38	14.27	14.26	15.60
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	14.28	14.33	14.33	15.60
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	14.29	14.34	14.31	15.60
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	14.30	14.24	14.23	15.60

【FR1 n78 (27O) _ FCC_Part 27O (3700~3800MHz)_Ant 1 _ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		14.57		15.60
100	PI/2 BPSK	1	137		14.46		15.60

100	PI/2 BPSK	1	271		14.27		15.60
100	PI/2 BPSK	135	0		14.52		15.60
100	PI/2 BPSK	135	69		14.35		15.60
100	PI/2 BPSK	135	138		14.29		15.60
100	PI/2 BPSK	270	0		14.38		15.60
100	QPSK	1	1		14.51		15.60
100	QPSK	1	137		14.42		15.60
100	QPSK	1	271		14.24		15.60
100	QPSK	135	0		14.53		15.60
100	QPSK	135	69		14.32		15.60
100	QPSK	135	138		14.29		15.60
100	QPSK	270	0		14.37		15.60
100	16QAM	1	1		14.70		15.60
100	64QAM	1	1		14.56		15.60
100	256QAM	1	1		14.56		15.60
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	14.59	14.55	14.51	15.60
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	14.56	14.41	14.46	15.60
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	14.57	14.48	14.41	15.60
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	14.48	14.52	14.44	15.60
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	14.56	14.47	14.48	15.60
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	14.49	14.40	14.37	15.60
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	14.48	14.53	14.49	15.60
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	14.55	14.53	14.47	15.60
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	14.52	14.52	14.41	15.60
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	14.55	14.50	14.44	15.60
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	14.50	14.50	14.39	15.60

【FR1 n78 (27Q)_ FCC_Part 27Q (3450~3550MHz)_Ant 1_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		14.40		14.90
100	PI/2 BPSK	1	137		14.34		14.90
100	PI/2 BPSK	1	271		14.31		14.90
100	PI/2 BPSK	135	0		14.30		14.90
100	PI/2 BPSK	135	69		14.29		14.90
100	PI/2 BPSK	135	138		14.30		14.90
100	PI/2 BPSK	270	0		14.26		14.90
100	QPSK	1	1		14.34		14.90
100	QPSK	1	137		14.30		14.90
100	QPSK	1	271		14.25		14.90
100	QPSK	135	0		14.29		14.90
100	QPSK	135	69		14.26		14.90
100	QPSK	135	138		14.29		14.90
100	QPSK	270	0		14.27		14.90
100	16QAM	1	1		14.55		14.90
100	64QAM	1	1		14.31		14.90
100	256QAM	1	1		14.65		14.90
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	14.40	14.38	14.35	14.90

Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	14.29	14.31	14.32	14.90
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	14.37	14.27	14.29	14.90
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	14.33	14.31	14.26	14.90
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	14.31	14.26	14.27	14.90
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	14.25	14.25	14.27	14.90
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	14.31	14.24	14.29	14.90
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	14.38	14.27	14.26	14.90
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	14.28	14.33	14.33	14.90
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	14.29	14.34	14.31	14.90
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	14.30	14.24	14.23	14.90

【FR1 n78 (270) _FCC_Part 270 (3700~3800MHz)_Ant 1_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		14.57		14.90
100	PI/2 BPSK	1	137		14.46		14.90
100	PI/2 BPSK	1	271		14.27		14.90
100	PI/2 BPSK	135	0		14.52		14.90
100	PI/2 BPSK	135	69		14.35		14.90
100	PI/2 BPSK	135	138		14.29		14.90
100	PI/2 BPSK	270	0		14.38		14.90
100	QPSK	1	1		14.51		14.90
100	QPSK	1	137		14.42		14.90
100	QPSK	1	271		14.24		14.90
100	QPSK	135	0		14.53		14.90
100	QPSK	135	69		14.32		14.90
100	QPSK	135	138		14.29		14.90
100	QPSK	270	0		14.37		14.90
100	16QAM	1	1		14.70		14.90
100	64QAM	1	1		14.56		14.90
100	256QAM	1	1		14.56		14.90
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	14.59	14.55	14.51	14.90
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	14.56	14.41	14.46	14.90
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	14.57	14.48	14.41	14.90
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	14.48	14.52	14.44	14.90
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	14.56	14.47	14.48	14.90
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	14.49	14.40	14.37	14.90
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	14.48	14.53	14.49	14.90

Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	14.55	14.53	14.47	14.90
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	14.52	14.52	14.41	14.90
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	14.55	14.50	14.44	14.90
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	14.50	14.50	14.39	14.90

【FR1 n78 (27Q) _FCC_Part 27Q (3450~3550MHz)_Ant 1_ECI 6】

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		12.95		14.30
100	PI/2 BPSK	1	137		13.15		14.30
100	PI/2 BPSK	1	271		13.14		14.30
100	PI/2 BPSK	135	0		12.93		14.30
100	PI/2 BPSK	135	69		13.05		14.30
100	PI/2 BPSK	135	138		12.96		14.30
100	PI/2 BPSK	270	0		12.99		14.30
100	QPSK	1	1		13.03		14.30
100	QPSK	1	137		13.16		14.30
100	QPSK	1	271		13.10		14.30
100	QPSK	135	0		12.94		14.30
100	QPSK	135	69		13.05		14.30
100	QPSK	135	138		12.97		14.30
100	QPSK	270	0		13.01		14.30
100	16QAM	1	1		13.09		14.30
100	64QAM	1	1		12.81		14.30
100	256QAM	1	1		12.76		14.30
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	12.91	12.93	12.98	14.30
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	12.89	12.87	12.85	14.30
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	12.84	12.93	12.83	14.30
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	12.87	12.93	12.84	14.30
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	12.91	12.91	12.95	14.30
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	12.84	12.83	12.86	14.30
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	12.85	12.96	13.00	14.30
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	12.82	12.92	12.94	14.30
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	12.88	12.95	12.91	14.30
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	12.88	12.90	12.88	14.30
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	12.84	12.88	12.83	14.30

【FR1 n78 (27O) _FCC_Part 27O (3700~3800MHz)_Ant 1_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit
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				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.	(dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		13.16		14.30
100	PI/2 BPSK	1	137		13.27		14.30
100	PI/2 BPSK	1	271		13.18		14.30
100	PI/2 BPSK	135	0		13.20		14.30
100	PI/2 BPSK	135	69		13.13		14.30
100	PI/2 BPSK	135	138		13.05		14.30
100	PI/2 BPSK	270	0		13.13		14.30
100	QPSK	1	1		13.14		14.30
100	QPSK	1	137		13.28		14.30
100	QPSK	1	271		13.15		14.30
100	QPSK	135	0		13.25		14.30
100	QPSK	135	69		13.12		14.30
100	QPSK	135	138		13.00		14.30
100	QPSK	270	0		13.13		14.30
100	16QAM	1	1		13.28		14.30
100	64QAM	1	1		12.95		14.30
100	256QAM	1	1		12.90		14.30
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	13.18	13.13	13.12	14.30
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	13.07	13.07	13.08	14.30
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	13.09	13.01	13.00	14.30
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	12.99	13.17	13.05	14.30
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	13.03	13.02	12.96	14.30
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	13.10	13.00	12.94	14.30
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	13.05	13.08	13.07	14.30
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	13.04	13.01	13.07	14.30
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	13.11	13.04	13.11	14.30
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	13.14	13.04	12.94	14.30
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	12.99	13.09	13.09	14.30

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 1_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		15.39		17.30
100	PI/2 BPSK	1	137		15.51		17.30
100	PI/2 BPSK	1	271		15.53		17.30
100	PI/2 BPSK	135	0		15.32		17.30
100	PI/2 BPSK	135	69		15.40		17.30
100	PI/2 BPSK	135	138		15.31		17.30
100	PI/2 BPSK	270	0		15.39		17.30
100	QPSK	1	1		15.39		17.30
100	QPSK	1	137		15.51		17.30
100	QPSK	1	271		15.53		17.30
100	QPSK	135	0		15.38		17.30
100	QPSK	135	69		15.40		17.30
100	QPSK	135	138		15.35		17.30
100	QPSK	270	0		15.39		17.30

100	16QAM	1	1		15.53		17.30
100	64QAM	1	1		15.17		17.30
100	256QAM	1	1		15.14		17.30
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	15.35	15.37	15.37	17.30
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	15.24	15.29	15.27	17.30
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	15.29	15.30	15.24	17.30
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	15.28	15.32	15.29	17.30
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	15.31	15.32	15.33	17.30
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	15.26	15.24	15.27	17.30
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	15.29	15.33	15.35	17.30
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	15.27	15.33	15.33	17.30
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	15.27	15.32	15.35	17.30
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	15.27	15.28	15.24	17.30
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	15.27	15.31	15.26	17.30

【FR1 n78 (270)_FCC_Part 270 (3700~3800MHz)_Ant 1_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		15.55		17.30
100	PI/2 BPSK	1	137		15.62		17.30
100	PI/2 BPSK	1	271		15.58		17.30
100	PI/2 BPSK	135	0		15.57		17.30
100	PI/2 BPSK	135	69		15.52		17.30
100	PI/2 BPSK	135	138		15.42		17.30
100	PI/2 BPSK	270	0		15.50		17.30
100	QPSK	1	1		15.56		17.30
100	QPSK	1	137		15.63		17.30
100	QPSK	1	271		15.58		17.30
100	QPSK	135	0		15.62		17.30
100	QPSK	135	69		15.57		17.30
100	QPSK	135	138		15.45		17.30
100	QPSK	270	0		15.51		17.30
100	16QAM	1	1		15.70		17.30
100	64QAM	1	1		15.37		17.30
100	256QAM	1	1		15.33		17.30
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	15.53	15.53	15.52	17.30
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	15.52	15.42	15.45	17.30
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	15.49	15.42	15.45	17.30
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	15.43	15.52	15.49	17.30
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	15.45	15.38	15.40	17.30

Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	15.45	15.38	15.38	17.30
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	15.40	15.49	15.50	17.30
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	15.47	15.43	15.47	17.30
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	15.51	15.43	15.49	17.30
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	15.51	15.42	15.39	17.30
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	15.41	15.48	15.46	17.30

【FR1 n78 (27Q) _FCC_Part 27Q (3450~3550MHz)_Ant 1 _ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		12.95		14.30
100	PI/2 BPSK	1	137		13.15		14.30
100	PI/2 BPSK	1	271		13.14		14.30
100	PI/2 BPSK	135	0		12.93		14.30
100	PI/2 BPSK	135	69		13.05		14.30
100	PI/2 BPSK	135	138		12.96		14.30
100	PI/2 BPSK	270	0		12.99		14.30
100	QPSK	1	1		13.03		14.30
100	QPSK	1	137		13.16		14.30
100	QPSK	1	271		13.10		14.30
100	QPSK	135	0		12.94		14.30
100	QPSK	135	69		13.05		14.30
100	QPSK	135	138		12.97		14.30
100	QPSK	270	0		13.01		14.30
100	16QAM	1	1		13.09		14.30
100	64QAM	1	1		12.81		14.30
100	256QAM	1	1		12.76		14.30
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	12.91	12.93	12.98	14.30
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	12.89	12.87	12.85	14.30
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	12.84	12.93	12.83	14.30
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	12.87	12.93	12.84	14.30
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	12.91	12.91	12.95	14.30
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	12.84	12.83	12.86	14.30
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	12.85	12.96	13.00	14.30
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	12.82	12.92	12.94	14.30
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	12.88	12.95	12.91	14.30
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	12.88	12.90	12.88	14.30
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	12.84	12.88	12.83	14.30

【FR1 n78 (270) _FCC_Part 270 (3700~3800MHz)_Ant 1 _ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		13.16		14.30
100	PI/2 BPSK	1	137		13.27		14.30
100	PI/2 BPSK	1	271		13.18		14.30
100	PI/2 BPSK	135	0		13.20		14.30
100	PI/2 BPSK	135	69		13.13		14.30
100	PI/2 BPSK	135	138		13.05		14.30
100	PI/2 BPSK	270	0		13.13		14.30
100	QPSK	1	1		13.14		14.30
100	QPSK	1	137		13.28		14.30
100	QPSK	1	271		13.15		14.30
100	QPSK	135	0		13.25		14.30
100	QPSK	135	69		13.12		14.30
100	QPSK	135	138		13.00		14.30
100	QPSK	270	0		13.13		14.30
100	16QAM	1	1		13.28		14.30
100	64QAM	1	1		12.95		14.30
100	256QAM	1	1		12.90		14.30
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	13.18	13.13	13.12	14.30
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	13.07	13.07	13.08	14.30
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	13.09	13.01	13.00	14.30
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	12.99	13.17	13.05	14.30
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	13.03	13.02	12.96	14.30
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	13.10	13.00	12.94	14.30
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	13.05	13.08	13.07	14.30
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	13.04	13.01	13.07	14.30
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	13.11	13.04	13.11	14.30
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	13.14	13.04	12.94	14.30
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	12.99	13.09	13.09	14.30

【FR1 n78 (27Q) _FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 1 _ECI 2】

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		17.52		18.60

100	PI/2 BPSK	1	137		17.44		18.60
100	PI/2 BPSK	1	271		17.46		18.60
100	PI/2 BPSK	135	0		17.44		18.60
100	PI/2 BPSK	135	69		17.39		18.60
100	PI/2 BPSK	135	138		17.48		18.60
100	PI/2 BPSK	270	0		17.40		18.60
100	QPSK	1	1		17.52		18.60
100	QPSK	1	137		17.45		18.60
100	QPSK	1	271		17.49		18.60
100	QPSK	135	0		17.48		18.60
100	QPSK	135	69		17.42		18.60
100	QPSK	135	138		17.51		18.60
100	QPSK	270	0		17.44		18.60
100	16QAM	1	1		17.42		18.60
100	64QAM	1	1		17.48		18.60
100	256QAM	1	1		17.70		18.60
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	17.51	17.50	17.51	18.60
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	17.39	17.43	17.44	18.60
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	17.47	17.43	17.38	18.60
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	17.42	17.44	17.39	18.60
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	17.39	17.42	17.40	18.60
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	17.40	17.49	17.41	18.60
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	17.41	17.44	17.47	18.60
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	17.37	17.37	17.50	18.60
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	17.43	17.35	17.48	18.60
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	17.38	17.47	17.39	18.60
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	17.37	17.39	17.41	18.60

【FR1 n78 (270) _ FCC_Part 270 (3700~3800MHz)_HPUE_Ant 1_ECI 2】

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		17.55		18.60
100	PI/2 BPSK	1	137		17.42		18.60
100	PI/2 BPSK	1	271		17.41		18.60
100	PI/2 BPSK	135	0		17.61		18.60
100	PI/2 BPSK	135	69		17.42		18.60
100	PI/2 BPSK	135	138		17.48		18.60
100	PI/2 BPSK	270	0		17.48		18.60
100	QPSK	1	1		17.55		18.60
100	QPSK	1	137		17.46		18.60
100	QPSK	1	271		17.45		18.60
100	QPSK	135	0		17.61		18.60
100	QPSK	135	69		17.46		18.60
100	QPSK	135	138		17.51		18.60
100	QPSK	270	0		17.52		18.60
100	16QAM	1	1		17.51		18.60
100	64QAM	1	1		17.52		18.60
100	256QAM	1	1		17.70		18.60
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)

90	PI/2 BPSK	1	1	17.51	17.49	17.50	18.60
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	17.44	17.39	17.43	18.60
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	17.39	17.47	17.48	18.60
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	17.41	17.47	17.45	18.60
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	17.38	17.42	17.43	18.60
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	17.42	17.38	17.37	18.60
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	17.45	17.40	17.47	18.60
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	17.43	17.34	17.46	18.60
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	17.45	17.34	17.37	18.60
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	17.47	17.47	17.35	18.60
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	17.49	17.35	17.43	18.60

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 1_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		17.52		17.90
100	PI/2 BPSK	1	137		17.44		17.90
100	PI/2 BPSK	1	271		17.46		17.90
100	PI/2 BPSK	135	0		17.44		17.90
100	PI/2 BPSK	135	69		17.39		17.90
100	PI/2 BPSK	135	138		17.48		17.90
100	PI/2 BPSK	270	0		17.40		17.90
100	QPSK	1	1		17.52		17.90
100	QPSK	1	137		17.45		17.90
100	QPSK	1	271		17.49		17.90
100	QPSK	135	0		17.48		17.90
100	QPSK	135	69		17.42		17.90
100	QPSK	135	138		17.51		17.90
100	QPSK	270	0		17.44		17.90
100	16QAM	1	1		17.42		17.90
100	64QAM	1	1		17.48		17.90
100	256QAM	1	1		17.70		17.90
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	17.51	17.50	17.51	17.90
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	17.39	17.43	17.44	17.90
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	17.47	17.43	17.38	17.90
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	17.42	17.44	17.39	17.90
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	17.39	17.42	17.40	17.90
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	17.40	17.49	17.41	17.90
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)

30	PI/2 BPSK	1	1	17.41	17.44	17.47	17.90
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	17.37	17.37	17.50	17.90
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	17.43	17.35	17.48	17.90
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	17.38	17.47	17.39	17.90
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	17.37	17.39	17.41	17.90

【FR1 n78 (270) FCC_Part 270 (3700~3800MHz)_HPUE_Ant 1_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		17.55		17.90
100	PI/2 BPSK	1	137		17.42		17.90
100	PI/2 BPSK	1	271		17.41		17.90
100	PI/2 BPSK	135	0		17.61		17.90
100	PI/2 BPSK	135	69		17.42		17.90
100	PI/2 BPSK	135	138		17.48		17.90
100	PI/2 BPSK	270	0		17.48		17.90
100	QPSK	1	1		17.55		17.90
100	QPSK	1	137		17.46		17.90
100	QPSK	1	271		17.45		17.90
100	QPSK	135	0		17.61		17.90
100	QPSK	135	69		17.46		17.90
100	QPSK	135	138		17.51		17.90
100	QPSK	270	0		17.52		17.90
100	16QAM	1	1		17.51		17.90
100	64QAM	1	1		17.52		17.90
100	256QAM	1	1		17.70		17.90
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	17.51	17.49	17.50	17.90
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	17.44	17.39	17.43	17.90
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	17.39	17.47	17.48	17.90
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	17.41	17.47	17.45	17.90
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	17.38	17.42	17.43	17.90
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	17.42	17.38	17.37	17.90
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	17.45	17.40	17.47	17.90
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	17.43	17.34	17.46	17.90
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	17.45	17.34	17.37	17.90
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	17.47	17.47	17.35	17.90
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	17.49	17.35	17.43	17.90

【FR1 n78 (27Q) FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 1_ECI 6】

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		16.01		17.30
100	PI/2 BPSK	1	137		15.95		17.30
100	PI/2 BPSK	1	271		15.99		17.30
100	PI/2 BPSK	135	0		15.82		17.30
100	PI/2 BPSK	135	69		15.85		17.30
100	PI/2 BPSK	135	138		15.90		17.30
100	PI/2 BPSK	270	0		15.92		17.30
100	QPSK	1	1		15.93		17.30
100	QPSK	1	137		15.98		17.30
100	QPSK	1	271		16.00		17.30
100	QPSK	135	0		15.92		17.30
100	QPSK	135	69		15.94		17.30
100	QPSK	135	138		16.00		17.30
100	QPSK	270	0		15.97		17.30
100	16QAM	1	1		15.56		17.30
100	64QAM	1	1		16.14		17.30
100	256QAM	1	1		16.06		17.30
Channel				633000	633332	633666	
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	16.01	15.95	15.98	17.30
Channel				632668	633332	634000	
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	15.93	15.92	15.93	17.30
Channel				632334	633332	634332	
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	15.87	15.87	15.89	17.30
Channel				632000	633332	634666	
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	15.86	15.81	15.80	17.30
Channel				631668	633332	635000	
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	16.00	15.82	15.84	17.30
Channel				631334	633332	635332	
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	15.84	15.97	15.93	17.30
Channel				631000	633332	635666	
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	15.83	15.95	15.85	17.30
Channel				630834	633332	635832	
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	15.94	15.89	15.85	17.30
Channel				630668	633332	636000	
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	15.90	15.94	15.82	17.30
Channel				630500	633332	636166	
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	15.87	15.86	15.83	17.30
Channel				630334	633332	636332	
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	15.82	15.87	15.85	17.30

【FR1 n78 (270) _FCC_Part 270 (3700~3800MHz)_HPUE_Ant 1_ECI 6】

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		16.11		17.30
100	PI/2 BPSK	1	137		16.04		17.30
100	PI/2 BPSK	1	271		15.93		17.30
100	PI/2 BPSK	135	0		16.09		17.30
100	PI/2 BPSK	135	69		16.00		17.30
100	PI/2 BPSK	135	138		15.97		17.30
100	PI/2 BPSK	270	0		16.00		17.30
100	QPSK	1	1		16.01		17.30
100	QPSK	1	137		15.98		17.30
100	QPSK	1	271		15.91		17.30
100	QPSK	135	0		16.24		17.30
100	QPSK	135	69		16.11		17.30
100	QPSK	135	138		15.96		17.30

100	QPSK	270	0		16.11		17.30
100	16QAM	1	1		15.76		17.30
100	64QAM	1	1		16.23		17.30
100	256QAM	1	1		16.11		17.30
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	16.05	16.06	16.03	17.30
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	15.90	15.95	16.01	17.30
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	16.12	15.97	15.96	17.30
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	15.94	16.01	15.99	17.30
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	15.99	16.04	15.90	17.30
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	15.93	15.98	16.06	17.30
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	15.97	15.90	15.94	17.30
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	16.01	15.92	15.97	17.30
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	15.98	15.92	15.92	17.30
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	15.95	15.87	15.99	17.30
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	15.92	15.99	15.98	17.30

【FR1 n78 (27Q) _ FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 1_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		18.50		20.30
100	PI/2 BPSK	1	137		18.48		20.30
100	PI/2 BPSK	1	271		18.53		20.30
100	PI/2 BPSK	135	0		18.35		20.30
100	PI/2 BPSK	135	69		18.34		20.30
100	PI/2 BPSK	135	138		18.43		20.30
100	PI/2 BPSK	270	0		18.42		20.30
100	QPSK	1	1		18.45		20.30
100	QPSK	1	137		18.43		20.30
100	QPSK	1	271		18.49		20.30
100	QPSK	135	0		18.41		20.30
100	QPSK	135	69		18.46		20.30
100	QPSK	135	138		18.50		20.30
100	QPSK	270	0		18.46		20.30
100	16QAM	1	1		18.09		20.30
100	64QAM	1	1		18.70		20.30
100	256QAM	1	1		18.58		20.30
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	18.47	18.49	18.48	20.30
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	18.39	18.39	18.46	20.30
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	18.40	18.42	18.35	20.30
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	18.40	18.35	18.34	20.30
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)

50	PI/2 BPSK	1	1	18.45	18.36	18.34	20.30
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	18.35	18.47	18.38	20.30
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	18.33	18.44	18.41	20.30
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	18.40	18.38	18.37	20.30
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	18.45	18.39	18.37	20.30
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	18.42	18.39	18.37	20.30
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	18.42	18.35	18.34	20.30

【FR1 n78 (270) _FCC_Part 270 (3700~3800MHz)_HPUE_Ant 1_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		18.61		20.30
100	PI/2 BPSK	1	137		18.63		20.30
100	PI/2 BPSK	1	271		18.53		20.30
100	PI/2 BPSK	135	0		18.61		20.30
100	PI/2 BPSK	135	69		18.47		20.30
100	PI/2 BPSK	135	138		18.48		20.30
100	PI/2 BPSK	270	0		18.56		20.30
100	QPSK	1	1		18.56		20.30
100	QPSK	1	137		18.57		20.30
100	QPSK	1	271		18.50		20.30
100	QPSK	135	0		18.69		20.30
100	QPSK	135	69		18.59		20.30
100	QPSK	135	138		18.55		20.30
100	QPSK	270	0		18.60		20.30
100	16QAM	1	1		18.24		20.30
100	64QAM	1	1		18.70		20.30
100	256QAM	1	1		18.70		20.30
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	18.59	18.59	18.60	20.30
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	18.44	18.53	18.57	20.30
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	18.58	18.53	18.48	20.30
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	18.45	18.58	18.51	20.30
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	18.44	18.49	18.45	20.30
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	18.48	18.45	18.52	20.30
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	18.48	18.49	18.51	20.30
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	18.57	18.48	18.56	20.30
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	18.56	18.52	18.52	20.30
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	18.55	18.46	18.50	20.30
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)

10	PI/2 BPSK	1	1	18.53	18.52	18.57	20.30
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【FR1 n78 (27Q) FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 1_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		16.01		17.30
100	PI/2 BPSK	1	137		15.95		17.30
100	PI/2 BPSK	1	271		15.99		17.30
100	PI/2 BPSK	135	0		15.82		17.30
100	PI/2 BPSK	135	69		15.85		17.30
100	PI/2 BPSK	135	138		15.90		17.30
100	PI/2 BPSK	270	0		15.92		17.30
100	QPSK	1	1		15.93		17.30
100	QPSK	1	137		15.98		17.30
100	QPSK	1	271		16.00		17.30
100	QPSK	135	0		15.92		17.30
100	QPSK	135	69		15.94		17.30
100	QPSK	135	138		16.00		17.30
100	QPSK	270	0		15.97		17.30
100	16QAM	1	1		15.56		17.30
100	64QAM	1	1		16.14		17.30
100	256QAM	1	1		16.06		17.30
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	16.01	15.95	15.98	17.30
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	15.93	15.92	15.93	17.30
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	15.87	15.87	15.89	17.30
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	15.86	15.81	15.80	17.30
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	16.00	15.82	15.84	17.30
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	15.84	15.97	15.93	17.30
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	15.83	15.95	15.85	17.30
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	15.94	15.89	15.85	17.30
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	15.90	15.94	15.82	17.30
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	15.87	15.86	15.83	17.30
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	15.82	15.87	15.85	17.30

【FR1 n78 (27O) FCC_Part 27O (3700~3800MHz)_HPUE_Ant 1_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		16.11		17.30
100	PI/2 BPSK	1	137		16.04		17.30
100	PI/2 BPSK	1	271		15.93		17.30
100	PI/2 BPSK	135	0		16.09		17.30
100	PI/2 BPSK	135	69		16.00		17.30
100	PI/2 BPSK	135	138		15.97		17.30
100	PI/2 BPSK	270	0		16.00		17.30

100	QPSK	1	1		16.01		17.30
100	QPSK	1	137		15.98		17.30
100	QPSK	1	271		15.91		17.30
100	QPSK	135	0		16.24		17.30
100	QPSK	135	69		16.11		17.30
100	QPSK	135	138		15.96		17.30
100	QPSK	270	0		16.11		17.30
100	16QAM	1	1		15.76		17.30
100	64QAM	1	1		16.23		17.30
100	256QAM	1	1		16.11		17.30
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	16.05	16.06	16.03	17.30
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	15.90	15.95	16.01	17.30
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	16.12	15.97	15.96	17.30
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	15.94	16.01	15.99	17.30
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	15.99	16.04	15.90	17.30
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	15.93	15.98	16.06	17.30
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	15.97	15.90	15.94	17.30
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	16.01	15.92	15.97	17.30
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	15.98	15.92	15.92	17.30
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	15.95	15.87	15.99	17.30
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	15.92	15.99	15.98	17.30

【FR1 n78 (27Q) _FCC_Part 27Q (3450~3550MHz)_Ant 5_ECI 2】

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		16.91		18.30
100	PI/2 BPSK	1	137		17.01		18.30
100	PI/2 BPSK	1	271		17.00		18.30
100	PI/2 BPSK	135	0		16.91		18.30
100	PI/2 BPSK	135	69		16.90		18.30
100	PI/2 BPSK	135	138		16.90		18.30
100	PI/2 BPSK	270	0		16.93		18.30
100	QPSK	1	1		16.85		18.30
100	QPSK	1	137		16.95		18.30
100	QPSK	1	271		17.00		18.30
100	QPSK	135	0		16.90		18.30
100	QPSK	135	69		16.90		18.30
100	QPSK	135	138		16.89		18.30
100	QPSK	270	0		16.92		18.30
100	16QAM	1	1		17.10		18.30
100	64QAM	1	1		16.89		18.30
100	256QAM	1	1		17.21		18.30
Channel				633000	633332	633666	Tune-up limit

		Frequency (MHz)			3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1		16.88	16.89	16.88	18.30
	Channel				632668	633332	634000	Tune-up limit
		Frequency (MHz)			3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1		16.80	16.74	16.83	18.30
	Channel				632334	633332	634332	Tune-up limit
		Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1		16.84	16.86	16.78	18.30
	Channel				632000	633332	634666	Tune-up limit
		Frequency (MHz)			3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1		16.85	16.81	16.81	18.30
	Channel				631668	633332	635000	Tune-up limit
		Frequency (MHz)			3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1		16.86	16.82	16.76	18.30
	Channel				631334	633332	635332	Tune-up limit
		Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1		16.85	16.86	16.74	18.30
	Channel				631000	633332	635666	Tune-up limit
		Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1		16.85	16.85	16.82	18.30
	Channel				630834	633332	635832	Tune-up limit
		Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1		16.83	16.78	16.83	18.30
	Channel				630668	633332	636000	Tune-up limit
		Frequency (MHz)			3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1		16.74	16.86	16.79	18.30
	Channel				630500	633332	636166	Tune-up limit
		Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1		16.77	16.76	16.85	18.30
	Channel				630334	633332	636332	Tune-up limit
		Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1		16.74	16.78	16.75	18.30

【FR1 n78 (270) FCC_Part 270 (3700~3800MHz)_Ant 5_ECI 2】

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		17.12		18.30
100	PI/2 BPSK	1	137		17.15		18.30
100	PI/2 BPSK	1	271		17.06		18.30
100	PI/2 BPSK	135	0		17.15		18.30
100	PI/2 BPSK	135	69		17.14		18.30
100	PI/2 BPSK	135	138		17.15		18.30
100	PI/2 BPSK	270	0		17.15		18.30
100	QPSK	1	1		17.09		18.30
100	QPSK	1	137		17.11		18.30
100	QPSK	1	271		17.02		18.30
100	QPSK	135	0		17.15		18.30
100	QPSK	135	69		17.14		18.30
100	QPSK	135	138		17.14		18.30
100	QPSK	270	0		17.14		18.30
100	16QAM	1	1		17.35		18.30
100	64QAM	1	1		17.14		18.30
100	256QAM	1	1		17.49		18.30
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	17.00	17.00	16.97	18.30
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	16.87	16.97	17.05	18.30
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	16.86	16.88	17.00	18.30
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	16.87	16.98	16.97	18.30
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	16.97	16.92	17.01	18.30
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	16.87	16.98	16.98	18.30
Channel				647668	650000	652332	Tune-up limit

	Frequency (MHz)			3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	16.87	16.87	17.05	18.30
	Channel			647500	650000	652500	Tune-up limit
	Frequency (MHz)			3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	16.86	16.87	17.00	18.30
	Channel			647334	650000	652666	Tune-up limit
	Frequency (MHz)			3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	16.88	16.91	16.99	18.30
	Channel			647168	650000	652832	Tune-up limit
	Frequency (MHz)			3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	16.88	16.98	17.01	18.30
	Channel			647000	650000	653000	Tune-up limit
	Frequency (MHz)			3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	16.94	16.94	17.08	18.30

【FR1 n78 (27Q) FCC_Part 27Q (3450~3550MHz)_Ant 5_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel				633332		
	Frequency (MHz)				3499.98		
100	PI/2 BPSK	1	1		16.91		17.60
100	PI/2 BPSK	1	137		17.01		17.60
100	PI/2 BPSK	1	271		17.00		17.60
100	PI/2 BPSK	135	0		16.91		17.60
100	PI/2 BPSK	135	69		16.90		17.60
100	PI/2 BPSK	135	138		16.90		17.60
100	PI/2 BPSK	270	0		16.93		17.60
100	QPSK	1	1		16.85		17.60
100	QPSK	1	137		16.95		17.60
100	QPSK	1	271		17.00		17.60
100	QPSK	135	0		16.90		17.60
100	QPSK	135	69		16.90		17.60
100	QPSK	135	138		16.89		17.60
100	QPSK	270	0		16.92		17.60
100	16QAM	1	1		17.10		17.60
100	64QAM	1	1		16.89		17.60
100	256QAM	1	1		17.21		17.60
	Channel			633000	633332	633666	Tune-up limit
	Frequency (MHz)			3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	16.88	16.89	16.88	17.60
	Channel			632668	633332	634000	Tune-up limit
	Frequency (MHz)			3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	16.80	16.74	16.83	17.60
	Channel			632334	633332	634332	Tune-up limit
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	16.84	16.86	16.78	17.60
	Channel			632000	633332	634666	Tune-up limit
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	16.85	16.81	16.81	17.60
	Channel			631668	633332	635000	Tune-up limit
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	16.86	16.82	16.76	17.60
	Channel			631334	633332	635332	Tune-up limit
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	16.85	16.86	16.74	17.60
	Channel			631000	633332	635666	Tune-up limit
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	16.85	16.85	16.82	17.60
	Channel			630834	633332	635832	Tune-up limit
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	16.83	16.78	16.83	17.60
	Channel			630668	633332	636000	Tune-up limit
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	16.74	16.86	16.79	17.60
	Channel			630500	633332	636166	Tune-up limit
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	16.77	16.76	16.85	17.60
	Channel			630334	633332	636332	Tune-up limit
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	16.74	16.78	16.75	17.60

【FR1 n78 (270)_FCC_Part 270 (3700~3800MHz)_Ant 5_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		17.12		17.60
100	PI/2 BPSK	1	137		17.15		17.60
100	PI/2 BPSK	1	271		17.06		17.60
100	PI/2 BPSK	135	0		17.15		17.60
100	PI/2 BPSK	135	69		17.14		17.60
100	PI/2 BPSK	135	138		17.15		17.60
100	PI/2 BPSK	270	0		17.15		17.60
100	QPSK	1	1		17.09		17.60
100	QPSK	1	137		17.11		17.60
100	QPSK	1	271		17.02		17.60
100	QPSK	135	0		17.15		17.60
100	QPSK	135	69		17.14		17.60
100	QPSK	135	138		17.14		17.60
100	QPSK	270	0		17.14		17.60
100	16QAM	1	1		17.35		17.60
100	64QAM	1	1		17.14		17.60
100	256QAM	1	1		17.49		17.60
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	17.00	17.00	16.97	17.60
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	16.87	16.97	17.05	17.60
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	16.86	16.88	17.00	17.60
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	16.87	16.98	16.97	17.60
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	16.97	16.92	17.01	17.60
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	16.87	16.98	16.98	17.60
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	16.87	16.87	17.05	17.60
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	16.86	16.87	17.00	17.60
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	16.88	16.91	16.99	17.60
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	16.88	16.98	17.01	17.60
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	16.94	16.94	17.08	17.60

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 5_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		17.60		18.20
100	PI/2 BPSK	1	137		17.65		18.20
100	PI/2 BPSK	1	271		17.60		18.20
100	PI/2 BPSK	135	0		17.63		18.20
100	PI/2 BPSK	135	69		17.62		18.20
100	PI/2 BPSK	135	138		17.62		18.20
100	PI/2 BPSK	270	0		17.59		18.20
100	QPSK	1	1		17.58		18.20
100	QPSK	1	137		17.56		18.20
100	QPSK	1	271		17.64		18.20
100	QPSK	135	0		17.63		18.20
100	QPSK	135	69		17.63		18.20

100	QPSK	135	138		17.58		18.20
100	QPSK	270	0		17.55		18.20
100	16QAM	1	1		17.54		18.20
100	64QAM	1	1		17.54		18.20
100	256QAM	1	1		17.59		18.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	17.62	17.62	17.63	18.20
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	17.48	17.55	17.50	18.20
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	17.56	17.61	17.61	18.20
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	17.58	17.49	17.61	18.20
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	17.48	17.55	17.60	18.20
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	17.54	17.53	17.51	18.20
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	17.48	17.53	17.60	18.20
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	17.49	17.55	17.61	18.20
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	17.56	17.48	17.55	18.20
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	17.50	17.54	17.54	18.20
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	17.47	17.57	17.54	18.20

【FR1 n78 (270) _ FCC_Part 270 (3700~3800MHz)_Ant 5 _ECI 6】

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		17.61		18.20
100	PI/2 BPSK	1	137		17.65		18.20
100	PI/2 BPSK	1	271		17.60		18.20
100	PI/2 BPSK	135	0		17.63		18.20
100	PI/2 BPSK	135	69		17.59		18.20
100	PI/2 BPSK	135	138		17.58		18.20
100	PI/2 BPSK	270	0		17.62		18.20
100	QPSK	1	1		17.59		18.20
100	QPSK	1	137		17.60		18.20
100	QPSK	1	271		17.62		18.20
100	QPSK	135	0		17.58		18.20
100	QPSK	135	69		17.61		18.20
100	QPSK	135	138		17.60		18.20
100	QPSK	270	0		17.57		18.20
100	16QAM	1	1		17.59		18.20
100	64QAM	1	1		17.53		18.20
100	256QAM	1	1		17.58		18.20
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	17.58	17.60	17.59	18.20
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	17.55	17.48	17.56	18.20
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	17.43	17.56	17.49	18.20
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	17.44	17.54	17.51	18.20
Channel				648334	650000	651666	Tune-up limit

	Frequency (MHz)			3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	17.56	17.55	17.52	18.20
	Channel			648000	650000	652000	Tune-up limit
	Frequency (MHz)			3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	17.54	17.46	17.54	18.20
	Channel			647668	650000	652332	Tune-up limit
	Frequency (MHz)			3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	17.49	17.49	17.51	18.20
	Channel			647500	650000	652500	Tune-up limit
	Frequency (MHz)			3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	17.52	17.58	17.51	18.20
	Channel			647334	650000	652666	Tune-up limit
	Frequency (MHz)			3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	17.52	17.58	17.45	18.20
	Channel			647168	650000	652832	Tune-up limit
	Frequency (MHz)			3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	17.47	17.54	17.56	18.20
	Channel			647000	650000	653000	Tune-up limit
	Frequency (MHz)			3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	17.48	17.57	17.48	18.20

【FR1 n78 (27Q) FCC_Part 27Q (3450~3550MHz)_Ant 5_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel				633332		
	Frequency (MHz)				3499.98		
100	PI/2 BPSK	1	1		17.60		18.90
100	PI/2 BPSK	1	137		17.65		18.90
100	PI/2 BPSK	1	271		17.60		18.90
100	PI/2 BPSK	135	0		17.63		18.90
100	PI/2 BPSK	135	69		17.62		18.90
100	PI/2 BPSK	135	138		17.62		18.90
100	PI/2 BPSK	270	0		17.59		18.90
100	QPSK	1	1		17.58		18.90
100	QPSK	1	137		17.56		18.90
100	QPSK	1	271		17.64		18.90
100	QPSK	135	0		17.63		18.90
100	QPSK	135	69		17.63		18.90
100	QPSK	135	138		17.58		18.90
100	QPSK	270	0		17.55		18.90
100	16QAM	1	1		17.54		18.90
100	64QAM	1	1		17.54		18.90
100	256QAM	1	1		17.59		18.90
	Channel			633000	633332	633666	Tune-up limit
	Frequency (MHz)			3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	17.62	17.62	17.63	18.90
	Channel			632668	633332	634000	Tune-up limit
	Frequency (MHz)			3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	17.48	17.55	17.50	18.90
	Channel			632334	633332	634332	Tune-up limit
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	17.56	17.61	17.61	18.90
	Channel			632000	633332	634666	Tune-up limit
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	17.58	17.49	17.61	18.90
	Channel			631668	633332	635000	Tune-up limit
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	17.48	17.55	17.60	18.90
	Channel			631334	633332	635332	Tune-up limit
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	17.54	17.53	17.51	18.90
	Channel			631000	633332	635666	Tune-up limit
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	17.48	17.53	17.60	18.90
	Channel			630834	633332	635832	Tune-up limit
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	17.49	17.55	17.61	18.90
	Channel			630668	633332	636000	Tune-up limit
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	17.56	17.48	17.55	18.90
	Channel			630500	633332	636166	Tune-up limit
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	17.50	17.54	17.54	18.90
	Channel			630334	633332	636332	Tune-up limit

Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	17.47	17.57	17.54	18.90

【FR1 n78 (270) _FCC_Part 270 (3700~3800MHz)_Ant 5_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		17.61		18.90
100	PI/2 BPSK	1	137		17.65		18.90
100	PI/2 BPSK	1	271		17.60		18.90
100	PI/2 BPSK	135	0		17.63		18.90
100	PI/2 BPSK	135	69		17.59		18.90
100	PI/2 BPSK	135	138		17.58		18.90
100	PI/2 BPSK	270	0		17.62		18.90
100	QPSK	1	1		17.59		18.90
100	QPSK	1	137		17.60		18.90
100	QPSK	1	271		17.62		18.90
100	QPSK	135	0		17.58		18.90
100	QPSK	135	69		17.61		18.90
100	QPSK	135	138		17.60		18.90
100	QPSK	270	0		17.57		18.90
100	16QAM	1	1		17.59		18.90
100	64QAM	1	1		17.53		18.90
100	256QAM	1	1		17.58		18.90
Channel				649668	650000	650332	
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	17.58	17.60	17.59	18.90
Channel				649334	650000	650666	
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	17.55	17.48	17.56	18.90
Channel				649000	650000	651000	
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	17.43	17.56	17.49	18.90
Channel				648668	650000	651332	
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	17.44	17.54	17.51	18.90
Channel				648334	650000	651666	
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	17.56	17.55	17.52	18.90
Channel				648000	650000	652000	
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	17.54	17.46	17.54	18.90
Channel				647668	650000	652332	
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	17.49	17.49	17.51	18.90
Channel				647500	650000	652500	
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	17.52	17.58	17.51	18.90
Channel				647334	650000	652666	
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	17.52	17.58	17.45	18.90
Channel				647168	650000	652832	
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	17.47	17.54	17.56	18.90
Channel				647000	650000	653000	
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	17.48	17.57	17.48	18.90

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

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		17.60		18.20
100	PI/2 BPSK	1	137		17.65		18.20
100	PI/2 BPSK	1	271		17.60		18.20
100	PI/2 BPSK	135	0		17.63		18.20
100	PI/2 BPSK	135	69		17.62		18.20
100	PI/2 BPSK	135	138		17.62		18.20

100	PI/2 BPSK	270	0		17.59		18.20
100	QPSK	1	1		17.58		18.20
100	QPSK	1	137		17.56		18.20
100	QPSK	1	271		17.64		18.20
100	QPSK	135	0		17.63		18.20
100	QPSK	135	69		17.63		18.20
100	QPSK	135	138		17.58		18.20
100	QPSK	270	0		17.55		18.20
100	16QAM	1	1		17.54		18.20
100	64QAM	1	1		17.54		18.20
100	256QAM	1	1		17.59		18.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	17.62	17.62	17.63	18.20
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	17.48	17.55	17.50	18.20
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	17.56	17.61	17.61	18.20
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	17.58	17.49	17.61	18.20
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	17.48	17.55	17.60	18.20
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	17.54	17.53	17.51	18.20
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	17.48	17.53	17.60	18.20
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	17.49	17.55	17.61	18.20
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	17.56	17.48	17.55	18.20
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	17.50	17.54	17.54	18.20
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	17.47	17.57	17.54	18.20

【FR1 n78 (270) FCC_Part 270 (3700~3800MHz)_Ant 5_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		17.61		18.20
100	PI/2 BPSK	1	137		17.65		18.20
100	PI/2 BPSK	1	271		17.60		18.20
100	PI/2 BPSK	135	0		17.63		18.20
100	PI/2 BPSK	135	69		17.59		18.20
100	PI/2 BPSK	135	138		17.58		18.20
100	PI/2 BPSK	270	0		17.62		18.20
100	QPSK	1	1		17.59		18.20
100	QPSK	1	137		17.60		18.20
100	QPSK	1	271		17.62		18.20
100	QPSK	135	0		17.58		18.20
100	QPSK	135	69		17.61		18.20
100	QPSK	135	138		17.60		18.20
100	QPSK	270	0		17.57		18.20
100	16QAM	1	1		17.59		18.20
100	64QAM	1	1		17.53		18.20
100	256QAM	1	1		17.58		18.20
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	17.58	17.60	17.59	18.20
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	17.55	17.48	17.56	18.20
Channel				649000	650000	651000	Tune-up limit

	Frequency (MHz)			3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	17.43	17.56	17.49	18.20
	Channel			648668	650000	651332	Tune-up limit
	Frequency (MHz)			3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	17.44	17.54	17.51	18.20
	Channel			648334	650000	651666	Tune-up limit
	Frequency (MHz)			3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	17.56	17.55	17.52	18.20
	Channel			648000	650000	652000	Tune-up limit
	Frequency (MHz)			3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	17.54	17.46	17.54	18.20
	Channel			647668	650000	652332	Tune-up limit
	Frequency (MHz)			3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	17.49	17.49	17.51	18.20
	Channel			647500	650000	652500	Tune-up limit
	Frequency (MHz)			3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	17.52	17.58	17.51	18.20
	Channel			647334	650000	652666	Tune-up limit
	Frequency (MHz)			3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	17.52	17.58	17.45	18.20
	Channel			647168	650000	652832	Tune-up limit
	Frequency (MHz)			3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	17.47	17.54	17.56	18.20
	Channel			647000	650000	653000	Tune-up limit
	Frequency (MHz)			3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	17.48	17.57	17.48	18.20

【FR1 n78 (27Q) FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 5_ECI 2】

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		19.99		21.30
100	PI/2 BPSK	1	137		20.06		21.30
100	PI/2 BPSK	1	271		19.97		21.30
100	PI/2 BPSK	135	0		20.05		21.30
100	PI/2 BPSK	135	69		20.03		21.30
100	PI/2 BPSK	135	138		20.10		21.30
100	PI/2 BPSK	270	0		19.99		21.30
100	QPSK	1	1		20.02		21.30
100	QPSK	1	137		20.09		21.30
100	QPSK	1	271		20.02		21.30
100	QPSK	135	0		20.07		21.30
100	QPSK	135	69		20.07		21.30
100	QPSK	135	138		20.08		21.30
100	QPSK	270	0		20.01		21.30
100	16QAM	1	1		19.94		21.30
100	64QAM	1	1		20.00		21.30
100	256QAM	1	1		20.09		21.30
	Channel			633000	633332	633666	Tune-up limit
	Frequency (MHz)			3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	19.97	20.01	19.98	21.30
	Channel			632668	633332	634000	Tune-up limit
	Frequency (MHz)			3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	19.83	19.95	19.86	21.30
	Channel			632334	633332	634332	Tune-up limit
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	19.88	20.00	19.92	21.30
	Channel			632000	633332	634666	Tune-up limit
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	19.83	19.97	19.83	21.30
	Channel			631668	633332	635000	Tune-up limit
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	19.92	19.90	19.84	21.30
	Channel			631334	633332	635332	Tune-up limit
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	19.84	19.95	19.88	21.30

Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	19.90	19.93	19.91	21.30
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	19.90	19.89	19.92	21.30
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	19.87	19.87	19.88	21.30
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	19.91	19.87	19.83	21.30
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	19.85	19.96	19.95	21.30

【FR1 n78 (270) _FCC_Part 270 (3700~3800MHz)_HPUE_Ant 5_ECI 2】

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		20.09		21.30
100	PI/2 BPSK	1	137		20.15		21.30
100	PI/2 BPSK	1	271		20.10		21.30
100	PI/2 BPSK	135	0		20.14		21.30
100	PI/2 BPSK	135	69		20.05		21.30
100	PI/2 BPSK	135	138		20.12		21.30
100	PI/2 BPSK	270	0		20.07		21.30
100	QPSK	1	1		20.14		21.30
100	QPSK	1	137		20.20		21.30
100	QPSK	1	271		20.13		21.30
100	QPSK	135	0		20.19		21.30
100	QPSK	135	69		20.11		21.30
100	QPSK	135	138		20.16		21.30
100	QPSK	270	0		20.09		21.30
100	16QAM	1	1		20.07		21.30
100	64QAM	1	1		20.14		21.30
100	256QAM	1	1		20.40		21.30
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	20.12	20.09	20.08	21.30
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	20.08	19.98	19.97	21.30
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	19.98	20.02	20.01	21.30
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	20.05	20.04	20.04	21.30
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	20.00	20.02	20.01	21.30
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	20.02	20.00	20.03	21.30
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	20.00	20.06	19.99	21.30
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	20.04	19.96	19.97	21.30
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	20.02	20.03	19.95	21.30
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	20.10	20.06	19.99	21.30
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	20.04	19.98	19.93	21.30

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

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		19.99		20.60
100	PI/2 BPSK	1	137		20.06		20.60
100	PI/2 BPSK	1	271		19.97		20.60
100	PI/2 BPSK	135	0		20.05		20.60
100	PI/2 BPSK	135	69		20.03		20.60
100	PI/2 BPSK	135	138		20.10		20.60
100	PI/2 BPSK	270	0		19.99		20.60
100	QPSK	1	1		20.02		20.60
100	QPSK	1	137		20.09		20.60
100	QPSK	1	271		20.02		20.60
100	QPSK	135	0		20.07		20.60
100	QPSK	135	69		20.07		20.60
100	QPSK	135	138		20.08		20.60
100	QPSK	270	0		20.01		20.60
100	16QAM	1	1		19.94		20.60
100	64QAM	1	1		20.00		20.60
100	256QAM	1	1		20.09		20.60
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	19.97	20.01	19.98	20.60
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	19.83	19.95	19.86	20.60
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	19.88	20.00	19.92	20.60
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	19.83	19.97	19.83	20.60
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	19.92	19.90	19.84	20.60
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	19.84	19.95	19.88	20.60
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	19.90	19.93	19.91	20.60
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	19.90	19.89	19.92	20.60
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	19.87	19.87	19.88	20.60
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	19.91	19.87	19.83	20.60
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	19.85	19.96	19.95	20.60

【FR1 n78 (27Q) _FCC_Part 27Q (3700~3800MHz)_HPUE_Ant 5_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		20.09		20.60
100	PI/2 BPSK	1	137		20.15		20.60
100	PI/2 BPSK	1	271		20.10		20.60
100	PI/2 BPSK	135	0		20.14		20.60
100	PI/2 BPSK	135	69		20.05		20.60
100	PI/2 BPSK	135	138		20.12		20.60
100	PI/2 BPSK	270	0		20.07		20.60
100	QPSK	1	1		20.14		20.60
100	QPSK	1	137		20.20		20.60
100	QPSK	1	271		20.13		20.60
100	QPSK	135	0		20.19		20.60

100	QPSK	135	69		20.11		20.60
100	QPSK	135	138		20.16		20.60
100	QPSK	270	0		20.09		20.60
100	16QAM	1	1		20.07		20.60
100	64QAM	1	1		20.14		20.60
100	256QAM	1	1		20.40		20.60
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	20.12	20.09	20.08	20.60
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	20.08	19.98	19.97	20.60
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	19.98	20.02	20.01	20.60
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	20.05	20.04	20.04	20.60
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	20.00	20.02	20.01	20.60
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	20.02	20.00	20.03	20.60
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	20.00	20.06	19.99	20.60
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	20.04	19.96	19.97	20.60
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	20.02	20.03	19.95	20.60
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	20.10	20.06	19.99	20.60
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	20.04	19.98	19.93	20.60

【FR1 n78 (27Q) FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 5_ECI 6】

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		20.65		21.20
100	PI/2 BPSK	1	137		20.60		21.20
100	PI/2 BPSK	1	271		20.58		21.20
100	PI/2 BPSK	135	0		20.55		21.20
100	PI/2 BPSK	135	69		20.54		21.20
100	PI/2 BPSK	135	138		20.55		21.20
100	PI/2 BPSK	270	0		20.60		21.20
100	QPSK	1	1		20.60		21.20
100	QPSK	1	137		20.64		21.20
100	QPSK	1	271		20.63		21.20
100	QPSK	135	0		20.58		21.20
100	QPSK	135	69		20.56		21.20
100	QPSK	135	138		20.64		21.20
100	QPSK	270	0		20.52		21.20
100	16QAM	1	1		20.53		21.20
100	64QAM	1	1		20.55		21.20
100	256QAM	1	1		20.54		21.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	20.60	20.61	20.63	21.20
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	20.47	20.47	20.59	21.20
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	20.53	20.59	20.53	21.20
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	20.51	20.50	20.60	21.20

Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	20.52	20.52	20.52	21.20
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	20.59	20.57	20.56	21.20
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	20.47	20.54	20.58	21.20
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	20.47	20.47	20.53	21.20
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	20.45	20.50	20.60	21.20
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	20.48	20.56	20.61	21.20
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	20.47	20.48	20.57	21.20

【FR1 n78 (270)_FCC_Part 270 (3700~3800MHz)_HPUE_Ant 5_ECI 6】

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		20.63		21.20
100	PI/2 BPSK	1	137		20.61		21.20
100	PI/2 BPSK	1	271		20.60		21.20
100	PI/2 BPSK	135	0		20.58		21.20
100	PI/2 BPSK	135	69		20.61		21.20
100	PI/2 BPSK	135	138		20.60		21.20
100	PI/2 BPSK	270	0		20.60		21.20
100	QPSK	1	1		20.57		21.20
100	QPSK	1	137		20.58		21.20
100	QPSK	1	271		20.54		21.20
100	QPSK	135	0		20.53		21.20
100	QPSK	135	69		20.52		21.20
100	QPSK	135	138		20.54		21.20
100	QPSK	270	0		20.59		21.20
100	16QAM	1	1		20.54		21.20
100	64QAM	1	1		20.54		21.20
100	256QAM	1	1		20.56		21.20
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	20.54	20.58	20.52	21.20
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	20.50	20.45	20.42	21.20
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	20.40	20.49	20.48	21.20
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	20.49	20.50	20.40	21.20
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	20.40	20.56	20.44	21.20
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	20.39	20.51	20.38	21.20
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	20.41	20.49	20.43	21.20
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	20.43	20.53	20.50	21.20
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	20.45	20.53	20.43	21.20
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	20.40	20.48	20.44	21.20

Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	20.39	20.46	20.45	21.20

【FR1 n78 (27Q) FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 5_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		20.65		21.90
100	PI/2 BPSK	1	137		20.60		21.90
100	PI/2 BPSK	1	271		20.58		21.90
100	PI/2 BPSK	135	0		20.55		21.90
100	PI/2 BPSK	135	69		20.54		21.90
100	PI/2 BPSK	135	138		20.55		21.90
100	PI/2 BPSK	270	0		20.60		21.90
100	QPSK	1	1		20.60		21.90
100	QPSK	1	137		20.64		21.90
100	QPSK	1	271		20.63		21.90
100	QPSK	135	0		20.58		21.90
100	QPSK	135	69		20.56		21.90
100	QPSK	135	138		20.64		21.90
100	QPSK	270	0		20.52		21.90
100	16QAM	1	1		20.53		21.90
100	64QAM	1	1		20.55		21.90
100	256QAM	1	1		20.54		21.90
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	20.60	20.61	20.63	21.90
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	20.47	20.47	20.59	21.90
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	20.53	20.59	20.53	21.90
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	20.51	20.50	20.60	21.90
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	20.52	20.52	20.52	21.90
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	20.59	20.57	20.56	21.90
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	20.47	20.54	20.58	21.90
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	20.47	20.47	20.53	21.90
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	20.45	20.50	20.60	21.90
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	20.48	20.56	20.61	21.90
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	20.47	20.48	20.57	21.90

【FR1 n78 (27Q) FCC_Part 27Q (3700~3800MHz)_HPUE_Ant 5_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		20.63		21.90
100	PI/2 BPSK	1	137		20.61		21.90
100	PI/2 BPSK	1	271		20.60		21.90
100	PI/2 BPSK	135	0		20.58		21.90
100	PI/2 BPSK	135	69		20.61		21.90

100	PI/2 BPSK	135	138		20.60		21.90
100	PI/2 BPSK	270	0		20.60		21.90
100	QPSK	1	1		20.57		21.90
100	QPSK	1	137		20.58		21.90
100	QPSK	1	271		20.54		21.90
100	QPSK	135	0		20.53		21.90
100	QPSK	135	69		20.52		21.90
100	QPSK	135	138		20.54		21.90
100	QPSK	270	0		20.59		21.90
100	16QAM	1	1		20.54		21.90
100	64QAM	1	1		20.54		21.90
100	256QAM	1	1		20.56		21.40
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	20.54	20.58	20.52	21.90
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	20.50	20.45	20.42	21.90
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	20.40	20.49	20.48	21.90
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	20.49	20.50	20.40	21.90
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	20.40	20.56	20.44	21.90
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	20.39	20.51	20.38	21.90
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	20.41	20.49	20.43	21.90
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	20.43	20.53	20.50	21.90
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	20.45	20.53	20.43	21.90
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	20.40	20.48	20.44	21.90
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	20.39	20.46	20.45	21.90

【FR1 n78 (27Q) FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 5_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		20.65		21.20
100	PI/2 BPSK	1	137		20.60		21.20
100	PI/2 BPSK	1	271		20.58		21.20
100	PI/2 BPSK	135	0		20.55		21.20
100	PI/2 BPSK	135	69		20.54		21.20
100	PI/2 BPSK	135	138		20.55		21.20
100	PI/2 BPSK	270	0		20.60		21.20
100	QPSK	1	1		20.60		21.20
100	QPSK	1	137		20.64		21.20
100	QPSK	1	271		20.63		21.20
100	QPSK	135	0		20.58		21.20
100	QPSK	135	69		20.56		21.20
100	QPSK	135	138		20.64		21.20
100	QPSK	270	0		20.52		21.20
100	16QAM	1	1		20.53		21.20
100	64QAM	1	1		20.55		21.20
100	256QAM	1	1		20.54		21.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	20.60	20.61	20.63	21.20
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	20.47	20.47	20.59	21.20

Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	20.53	20.59	20.53	21.20
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	20.51	20.50	20.60	21.20
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	20.52	20.52	20.52	21.20
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	20.59	20.57	20.56	21.20
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	20.47	20.54	20.58	21.20
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	20.47	20.47	20.53	21.20
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	20.45	20.50	20.60	21.20
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	20.48	20.56	20.61	21.20
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	20.47	20.48	20.57	21.20

【FR1 n78 (270)_FCC_Part 270 (3700~3800MHz)_HPUE_Ant 5_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		20.63		21.20
100	PI/2 BPSK	1	137		20.61		21.20
100	PI/2 BPSK	1	271		20.60		21.20
100	PI/2 BPSK	135	0		20.58		21.20
100	PI/2 BPSK	135	69		20.61		21.20
100	PI/2 BPSK	135	138		20.60		21.20
100	PI/2 BPSK	270	0		20.60		21.20
100	QPSK	1	1		20.57		21.20
100	QPSK	1	137		20.58		21.20
100	QPSK	1	271		20.54		21.20
100	QPSK	135	0		20.53		21.20
100	QPSK	135	69		20.52		21.20
100	QPSK	135	138		20.54		21.20
100	QPSK	270	0		20.59		21.20
100	16QAM	1	1		20.54		21.20
100	64QAM	1	1		20.54		21.20
100	256QAM	1	1		20.56		21.20
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	20.54	20.58	20.52	21.20
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	20.50	20.45	20.42	21.20
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	20.40	20.49	20.48	21.20
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	20.49	20.50	20.40	21.20
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	20.40	20.56	20.44	21.20
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	20.39	20.51	20.38	21.20
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	20.41	20.49	20.43	21.20
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	20.43	20.53	20.50	21.20

Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	20.45	20.53	20.43	21.20
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	20.40	20.48	20.44	21.20
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	20.39	20.46	20.45	21.20

【FR1 n78 (27Q) FCC_Part 27Q (3450~3550MHz)_Ant 6_ECI 2】

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		24.07		24.80
100	PI/2 BPSK	1	137		24.20		24.80
100	PI/2 BPSK	1	271		24.09		24.80
100	PI/2 BPSK	135	0		23.53		23.80
100	PI/2 BPSK	135	69		24.02		24.80
100	PI/2 BPSK	135	138		23.54		23.80
100	PI/2 BPSK	270	0		23.56		23.80
100	QPSK	1	1		24.06		25.00
100	QPSK	1	137		24.21		25.00
100	QPSK	1	271		24.08		25.00
100	QPSK	135	0		23.07		24.00
100	QPSK	135	69		24.12		25.00
100	QPSK	135	138		23.08		24.00
100	QPSK	270	0		23.10		24.00
100	16QAM	1	1		23.25		24.00
100	64QAM	1	1		21.43		22.50
100	256QAM	1	1		19.35		20.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	QPSK	1	1	24.03	24.04	24.05	25.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	QPSK	1	1	24.00	23.97	24.04	25.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	QPSK	1	1	24.00	24.00	23.94	25.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	QPSK	1	1	23.93	23.95	24.04	25.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	QPSK	1	1	23.98	23.94	23.91	25.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	QPSK	1	1	23.89	23.95	23.91	25.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	QPSK	1	1	24.02	24.00	23.93	25.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	QPSK	1	1	23.93	24.00	23.98	25.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	QPSK	1	1	23.95	23.91	23.98	25.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	QPSK	1	1	23.97	23.93	23.99	25.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	QPSK	1	1	23.91	23.98	23.96	25.00

【FR1 n78 (270) _FCC_Part 27O (3700~3800MHz)_Ant 6_ECI 2】

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		24.08		24.80
100	PI/2 BPSK	1	137		24.27		24.80
100	PI/2 BPSK	1	271		24.23		24.80
100	PI/2 BPSK	135	0		23.55		23.80
100	PI/2 BPSK	135	69		24.05		24.80
100	PI/2 BPSK	135	138		23.64		23.80
100	PI/2 BPSK	270	0		23.59		23.80
100	QPSK	1	1		24.09		25.00
100	QPSK	1	137		24.27		25.00
100	QPSK	1	271		24.22		25.00
100	QPSK	135	0		23.09		24.00
100	QPSK	135	69		24.11		25.00
100	QPSK	135	138		23.15		24.00
100	QPSK	270	0		23.11		24.00
100	16QAM	1	1		23.30		24.00
100	64QAM	1	1		21.41		22.50
100	256QAM	1	1		19.35		20.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	QPSK	1	1	24.07	24.03	24.08	25.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	QPSK	1	1	24.00	23.91	24.01	25.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	QPSK	1	1	23.99	24.01	24.04	25.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	QPSK	1	1	23.97	23.96	23.94	25.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	QPSK	1	1	24.02	23.96	23.99	25.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	QPSK	1	1	24.04	23.98	23.95	25.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	QPSK	1	1	24.02	23.90	24.05	25.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	QPSK	1	1	24.00	23.90	23.96	25.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	QPSK	1	1	24.05	23.90	23.95	25.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	QPSK	1	1	24.05	23.97	24.00	25.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	QPSK	1	1	23.95	23.93	24.05	25.00

【FR1 n78 (27Q) _FCC_Part 27Q (3450~3550MHz)_Ant 6_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.55		22.50
100	PI/2 BPSK	1	137		21.54		22.50
100	PI/2 BPSK	1	271		21.53		22.50
100	PI/2 BPSK	135	0		21.55		22.50
100	PI/2 BPSK	135	69		21.54		22.50
100	PI/2 BPSK	135	138		21.52		22.50
100	PI/2 BPSK	270	0		21.50		22.50
100	QPSK	1	1		21.51		22.50
100	QPSK	1	137		21.52		22.50
100	QPSK	1	271		21.52		22.50

100	QPSK	135	0		21.53		22.50
100	QPSK	135	69		21.52		22.50
100	QPSK	135	138		21.52		22.50
100	QPSK	270	0		21.50		22.50
100	16QAM	1	1		21.49		22.50
100	64QAM	1	1		21.44		22.50
100	256QAM	1	1		20.00		20.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	21.53	21.54	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	21.46	21.48	21.40	22.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	21.48	21.46	21.38	22.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	21.43	21.42	21.43	22.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	21.49	21.51	21.45	22.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	21.46	21.42	21.45	22.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	21.49	21.50	21.46	22.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	21.47	21.41	21.44	22.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	21.46	21.51	21.51	22.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	21.44	21.50	21.45	22.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	21.40	21.43	21.50	22.50

【FR1 n78 (270) FCC_Part 270 (3700~3800MHz)_Ant 6_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		21.61		22.50
100	PI/2 BPSK	1	137		21.60		22.50
100	PI/2 BPSK	1	271		21.59		22.50
100	PI/2 BPSK	135	0		21.60		22.50
100	PI/2 BPSK	135	69		21.55		22.50
100	PI/2 BPSK	135	138		21.53		22.50
100	PI/2 BPSK	270	0		21.51		22.50
100	QPSK	1	1		21.55		22.50
100	QPSK	1	137		21.56		22.50
100	QPSK	1	271		21.53		22.50
100	QPSK	135	0		21.52		22.50
100	QPSK	135	69		21.51		22.50
100	QPSK	135	138		21.54		22.50
100	QPSK	270	0		21.53		22.50
100	16QAM	1	1		21.52		22.50
100	64QAM	1	1		21.53		22.50
100	256QAM	1	1		20.01		20.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	21.57	20.58	21.56	22.50
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	21.42	20.51	21.48	22.50
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	21.47	20.50	21.50	22.50
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)

60	PI/2 BPSK	1	1	21.45	20.53	21.52	22.50
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	21.42	20.57	21.48	22.50
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	21.43	20.57	21.42	22.50
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	21.42	20.50	21.48	22.50
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	21.56	20.50	21.46	22.50
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	21.43	20.55	21.48	22.50
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	21.49	20.52	21.51	22.50
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	21.55	20.51	21.49	22.50

【FR1 n78 (27Q) _FCC_Part 27Q (3450~3550MHz)_Ant 6 _ECI 6】

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		13.83		14.00
100	PI/2 BPSK	1	137		13.99		14.00
100	PI/2 BPSK	1	271		13.94		14.00
100	PI/2 BPSK	135	0		13.82		14.00
100	PI/2 BPSK	135	69		13.82		14.00
100	PI/2 BPSK	135	138		13.83		14.00
100	PI/2 BPSK	270	0		13.81		14.00
100	QPSK	1	1		13.82		14.00
100	QPSK	1	137		13.99		14.00
100	QPSK	1	271		13.94		14.00
100	QPSK	135	0		13.85		14.00
100	QPSK	135	69		13.91		14.00
100	QPSK	135	138		13.87		14.00
100	QPSK	270	0		13.84		14.00
100	16QAM	1	1		13.97		14.00
100	64QAM	1	1		13.61		14.00
100	256QAM	1	1		13.62		14.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	13.77	13.80	13.75	14.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	13.74	13.76	13.65	14.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	13.63	13.68	13.62	14.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	13.71	13.77	13.74	14.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	13.71	13.65	13.64	14.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	13.72	13.79	13.63	14.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	13.71	13.75	13.65	14.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	13.72	13.79	13.61	14.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	13.75	13.66	13.60	14.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)

15	PI/2 BPSK	1	1	13.75	13.75	13.60	14.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	13.63	13.78	13.71	14.00

【FR1 n78 (270) _FCC_Part 270 (3700~3800MHz)_Ant 6_ECI 6】

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		13.93		14.00
100	PI/2 BPSK	1	137		13.98		14.00
100	PI/2 BPSK	1	271		13.88		14.00
100	PI/2 BPSK	135	0		13.86		14.00
100	PI/2 BPSK	135	69		13.85		14.00
100	PI/2 BPSK	135	138		13.86		14.00
100	PI/2 BPSK	270	0		13.87		14.00
100	QPSK	1	1		13.94		14.00
100	QPSK	1	137		13.94		14.00
100	QPSK	1	271		13.88		14.00
100	QPSK	135	0		13.88		14.00
100	QPSK	135	69		13.92		14.00
100	QPSK	135	138		13.88		14.00
100	QPSK	270	0		13.89		14.00
100	16QAM	1	1		13.92		14.00
100	64QAM	1	1		13.71		14.00
100	256QAM	1	1		13.68		14.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	13.90	13.90	13.91	14.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	13.83	13.85	13.79	14.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	13.78	13.87	13.79	14.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	13.78	13.83	13.80	14.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	13.79	13.82	13.79	14.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	13.78	13.81	13.79	14.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	13.79	13.79	13.82	14.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	13.81	13.79	13.78	14.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	13.87	13.87	13.84	14.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	13.85	13.89	13.87	14.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	13.76	13.81	13.89	14.00

【FR1 n78 (27Q) _FCC_Part 27Q (3450~3550MHz)_Ant 6_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		13.83		15.40
100	PI/2 BPSK	1	137		13.99		15.40
100	PI/2 BPSK	1	271		13.94		15.40
100	PI/2 BPSK	135	0		13.82		15.40

100	PI/2 BPSK	135	69		13.82		15.40
100	PI/2 BPSK	135	138		13.83		15.40
100	PI/2 BPSK	270	0		13.81		15.40
100	QPSK	1	1		13.82		15.40
100	QPSK	1	137		13.99		15.40
100	QPSK	1	271		13.94		15.40
100	QPSK	135	0		13.85		15.40
100	QPSK	135	69		13.91		15.40
100	QPSK	135	138		13.87		15.40
100	QPSK	270	0		13.84		15.40
100	16QAM	1	1		13.97		15.40
100	64QAM	1	1		13.61		15.40
100	256QAM	1	1		13.62		15.40
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	13.77	13.80	13.75	15.40
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	13.74	13.76	13.65	15.40
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	13.63	13.68	13.62	15.40
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	13.71	13.77	13.74	15.40
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	13.71	13.65	13.64	15.40
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	13.72	13.79	13.63	15.40
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	13.71	13.75	13.65	15.40
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	13.72	13.79	13.61	15.40
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	13.75	13.66	13.60	15.40
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	13.75	13.75	13.60	15.40
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	13.63	13.78	13.71	15.40

【FR1 n78 (270) _FCC_Part 270 (3700~3800MHz)_Ant 6 _ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		13.93		15.40
100	PI/2 BPSK	1	137		13.98		15.40
100	PI/2 BPSK	1	271		13.88		15.40
100	PI/2 BPSK	135	0		13.86		15.40
100	PI/2 BPSK	135	69		13.85		15.40
100	PI/2 BPSK	135	138		13.86		15.40
100	PI/2 BPSK	270	0		13.87		15.40
100	QPSK	1	1		13.94		15.40
100	QPSK	1	137		13.94		15.40
100	QPSK	1	271		13.88		15.40
100	QPSK	135	0		13.88		15.40
100	QPSK	135	69		13.92		15.40
100	QPSK	135	138		13.88		15.40
100	QPSK	270	0		13.89		15.40
100	16QAM	1	1		13.92		15.40
100	64QAM	1	1		13.71		15.40
100	256QAM	1	1		13.68		15.40
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	13.90	13.90	13.91	15.40
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)

80	PI/2 BPSK	1	1	13.83	13.85	13.79	15.40
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	13.78	13.87	13.79	15.40
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	13.78	13.83	13.80	15.40
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	13.79	13.82	13.79	15.40
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	13.78	13.81	13.79	15.40
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	13.79	13.79	13.82	15.40
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	13.81	13.79	13.78	15.40
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	13.87	13.87	13.84	15.40
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	13.85	13.89	13.87	15.40
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	13.76	13.81	13.89	15.40

【FR1 n78 (27Q) _FCC_Part 27Q (3450~3550MHz)_Ant 6_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		13.83		14.00
100	PI/2 BPSK	1	137		13.99		14.00
100	PI/2 BPSK	1	271		13.94		14.00
100	PI/2 BPSK	135	0		13.82		14.00
100	PI/2 BPSK	135	69		13.82		14.00
100	PI/2 BPSK	135	138		13.83		14.00
100	PI/2 BPSK	270	0		13.81		14.00
100	QPSK	1	1		13.82		14.00
100	QPSK	1	137		13.99		14.00
100	QPSK	1	271		13.94		14.00
100	QPSK	135	0		13.85		14.00
100	QPSK	135	69		13.91		14.00
100	QPSK	135	138		13.87		14.00
100	QPSK	270	0		13.84		14.00
100	16QAM	1	1		13.97		14.00
100	64QAM	1	1		13.61		14.00
100	256QAM	1	1		13.62		14.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	13.77	13.80	13.75	14.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	13.74	13.76	13.65	14.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	13.63	13.68	13.62	14.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	13.71	13.77	13.74	14.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	13.71	13.65	13.64	14.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	13.72	13.79	13.63	14.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	13.71	13.75	13.65	14.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)

25	PI/2 BPSK	1	1	13.72	13.79	13.61	14.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	13.75	13.66	13.60	14.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	13.75	13.75	13.60	14.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	13.63	13.78	13.71	14.00

【FR1 n78 (270)_FCC_Part 270 (3700~3800MHz)_Ant 6_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		13.93		14.00
100	PI/2 BPSK	1	137		13.98		14.00
100	PI/2 BPSK	1	271		13.88		14.00
100	PI/2 BPSK	135	0		13.86		14.00
100	PI/2 BPSK	135	69		13.85		14.00
100	PI/2 BPSK	135	138		13.86		14.00
100	PI/2 BPSK	270	0		13.87		14.00
100	QPSK	1	1		13.94		14.00
100	QPSK	1	137		13.94		14.00
100	QPSK	1	271		13.88		14.00
100	QPSK	135	0		13.88		14.00
100	QPSK	135	69		13.92		14.00
100	QPSK	135	138		13.88		14.00
100	QPSK	270	0		13.89		14.00
100	16QAM	1	1		13.92		14.00
100	64QAM	1	1		13.71		14.00
100	256QAM	1	1		13.68		14.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	13.90	13.90	13.91	14.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	13.83	13.85	13.79	14.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	13.78	13.87	13.79	14.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	13.78	13.83	13.80	14.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	13.79	13.82	13.79	14.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	13.78	13.81	13.79	14.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	13.79	13.79	13.82	14.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	13.81	13.79	13.78	14.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	13.87	13.87	13.84	14.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	13.85	13.89	13.87	14.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	13.76	13.81	13.89	14.00

【FR1 n78 (27Q) _FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 6_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		26.15		27.00
100	PI/2 BPSK	1	137		26.16		27.00
100	PI/2 BPSK	1	271		26.06		27.00
100	PI/2 BPSK	135	0		25.61		26.50
100	PI/2 BPSK	135	69		26.07		27.00
100	PI/2 BPSK	135	138		25.56		26.50
100	PI/2 BPSK	270	0		25.51		26.50
100	QPSK	1	1		26.17		27.00
100	QPSK	1	137		26.19		27.00
100	QPSK	1	271		26.09		27.00
100	QPSK	135	0		24.16		25.00
100	QPSK	135	69		26.14		27.00
100	QPSK	135	138		24.14		25.00
100	QPSK	270	0		24.10		25.00
100	16QAM	1	1		25.09		26.00
100	64QAM	1	1		23.61		24.50
100	256QAM	1	1		21.85		22.50
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	26.16	26.14	26.14	27.00
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	26.05	26.05	26.06	27.00
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	26.13	26.02	26.04	27.00
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	26.08	26.02	26.10	27.00
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	26.12	26.13	26.05	27.00
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	26.05	26.08	26.01	27.00
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	26.09	26.13	26.01	27.00
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	26.08	26.04	25.99	27.00
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	26.08	26.05	26.03	27.00
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	26.12	26.00	26.07	27.00
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	26.12	26.01	26.10	27.00

【FR1 n78 (27O) _FCC_Part 27O (3700~3800MHz)_HPUE_Ant 6_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		26.14		27.00
100	PI/2 BPSK	1	137		26.25		27.00
100	PI/2 BPSK	1	271		26.23		27.00
100	PI/2 BPSK	135	0		25.63		26.50
100	PI/2 BPSK	135	69		26.16		27.00
100	PI/2 BPSK	135	138		25.70		26.50
100	PI/2 BPSK	270	0		25.60		26.50
100	QPSK	1	1		26.18		27.00
100	QPSK	1	137		26.28		27.00

100	QPSK	1	271		26.26		27.00
100	QPSK	135	0		24.22		25.00
100	QPSK	135	69		26.22		27.00
100	QPSK	135	138		24.25		25.00
100	QPSK	270	0		24.18		25.00
100	16QAM	1	1		25.09		26.00
100	64QAM	1	1		23.64		24.50
100	256QAM	1	1		21.87		22.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	26.13	26.11	26.12	27.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	26.10	26.08	26.01	27.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	26.09	26.02	26.03	27.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	26.03	26.05	26.09	27.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	26.03	25.99	26.02	27.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	26.04	26.04	26.10	27.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	26.09	26.08	26.01	27.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	25.98	26.00	25.97	27.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	26.07	26.00	25.98	27.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	26.02	26.07	26.03	27.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	26.07	26.04	26.07	27.00

【FR1 n78 (27Q)_ FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 6_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		24.53		25.50
100	PI/2 BPSK	1	137		24.49		25.50
100	PI/2 BPSK	1	271		24.47		25.50
100	PI/2 BPSK	135	0		24.33		25.50
100	PI/2 BPSK	135	69		24.33		25.50
100	PI/2 BPSK	135	138		24.32		25.50
100	PI/2 BPSK	270	0		24.32		25.50
100	QPSK	1	1		24.51		25.50
100	QPSK	1	137		24.46		25.50
100	QPSK	1	271		24.45		25.50
100	QPSK	135	0		24.23		25.00
100	QPSK	135	69		24.30		25.50
100	QPSK	135	138		24.13		25.00
100	QPSK	270	0		24.24		25.00
100	16QAM	1	1		24.16		25.50
100	64QAM	1	1		22.79		24.50
100	256QAM	1	1		21.13		22.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	24.46	24.50	24.45	25.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	24.44	24.44	24.39	25.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	24.39	24.43	24.43	25.50
Channel				632000	633332	634666	Tune-up limit

	Frequency (MHz)			3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	24.45	24.43	24.30	25.50
	Channel			631668	633332	635000	Tune-up limit
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	24.43	24.42	24.42	25.50
	Channel			631334	633332	635332	Tune-up limit
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	24.34	24.47	24.41	25.50
	Channel			631000	633332	635666	Tune-up limit
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	24.40	24.37	24.32	25.50
	Channel			630834	633332	635832	Tune-up limit
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	24.36	24.45	24.40	25.50
	Channel			630668	633332	636000	Tune-up limit
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	24.38	24.44	24.43	25.50
	Channel			630500	633332	636166	Tune-up limit
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	24.38	24.44	24.33	25.50
	Channel			630334	633332	636332	Tune-up limit
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	24.33	24.38	24.31	25.50

【FR1 n78 (270)_ FCC_Part 270 (3700~3800MHz)_HPUE_Ant 6_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel				650000		
	Frequency (MHz)				3750		
100	PI/2 BPSK	1	1		24.58		25.50
100	PI/2 BPSK	1	137		24.56		25.50
100	PI/2 BPSK	1	271		24.50		25.50
100	PI/2 BPSK	135	0		24.33		25.50
100	PI/2 BPSK	135	69		24.32		25.50
100	PI/2 BPSK	135	138		24.23		25.50
100	PI/2 BPSK	270	0		24.33		25.50
100	QPSK	1	1		24.51		25.50
100	QPSK	1	137		24.50		25.50
100	QPSK	1	271		24.50		25.50
100	QPSK	135	0		24.29		25.00
100	QPSK	135	69		24.26		25.50
100	QPSK	135	138		24.35		25.00
100	QPSK	270	0		24.33		25.00
100	16QAM	1	1		24.35		25.50
100	64QAM	1	1		22.85		24.50
100	256QAM	1	1		21.09		22.50
	Channel			649668	650000	650332	Tune-up limit
	Frequency (MHz)			3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	24.31	24.33	24.30	25.50
	Channel			649334	650000	650666	Tune-up limit
	Frequency (MHz)			3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	24.25	24.28	24.24	25.50
	Channel			649000	650000	651000	Tune-up limit
	Frequency (MHz)			3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	24.30	24.24	24.24	25.50
	Channel			648668	650000	651332	Tune-up limit
	Frequency (MHz)			3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	24.22	24.32	24.24	25.50
	Channel			648334	650000	651666	Tune-up limit
	Frequency (MHz)			3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	24.22	24.20	24.18	25.50
	Channel			648000	650000	652000	Tune-up limit
	Frequency (MHz)			3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	24.28	24.22	24.20	25.50
	Channel			647668	650000	652332	Tune-up limit
	Frequency (MHz)			3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	24.28	24.21	24.22	25.50
	Channel			647500	650000	652500	Tune-up limit
	Frequency (MHz)			3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	24.19	24.23	24.27	25.50
	Channel			647334	650000	652666	Tune-up limit
	Frequency (MHz)			3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	24.17	24.26	24.20	25.50
	Channel			647168	650000	652832	Tune-up limit

Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	24.29	24.30	24.28	25.50
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	24.23	24.20	24.15	25.50

【FR1 n78 (27Q) _ FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 6_ECI 6】

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		16.98		17.00
100	PI/2 BPSK	1	137		16.99		17.00
100	PI/2 BPSK	1	271		16.95		17.00
100	PI/2 BPSK	135	0		16.97		17.00
100	PI/2 BPSK	135	69		16.94		17.00
100	PI/2 BPSK	135	138		16.92		17.00
100	PI/2 BPSK	270	0		16.91		17.00
100	QPSK	1	1		16.95		17.00
100	QPSK	1	137		16.90		17.00
100	QPSK	1	271		16.83		17.00
100	QPSK	135	0		16.92		17.00
100	QPSK	135	69		16.90		17.00
100	QPSK	135	138		16.91		17.00
100	QPSK	270	0		16.91		17.00
100	16QAM	1	1		16.63		17.00
100	64QAM	1	1		16.92		17.00
100	256QAM	1	1		16.90		17.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	16.95	16.96	16.91	17.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	16.94	16.92	16.94	17.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	16.92	16.88	16.95	17.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	16.89	16.97	16.89	17.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	16.89	16.98	16.94	17.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	16.88	16.91	16.87	17.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	16.94	16.90	16.93	17.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	16.93	16.89	16.89	17.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	16.87	16.95	16.93	17.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	16.87	16.86	16.85	17.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	16.87	16.98	16.94	17.00

【FR1 n78 (27O) _ FCC_Part 27O (3700~3800MHz)_HPUE_Ant 6_ECI 6】

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		16.88		17.00
100	PI/2 BPSK	1	137		16.84		17.00
100	PI/2 BPSK	1	271		16.91		17.00

100	PI/2 BPSK	135	0		16.93		17.00
100	PI/2 BPSK	135	69		16.86		17.00
100	PI/2 BPSK	135	138		16.92		17.00
100	PI/2 BPSK	270	0		16.87		17.00
100	QPSK	1	1		16.83		17.00
100	QPSK	1	137		16.91		17.00
100	QPSK	1	271		16.99		17.00
100	QPSK	135	0		16.98		17.00
100	QPSK	135	69		16.98		17.00
100	QPSK	135	138		16.89		17.00
100	QPSK	270	0		16.99		17.00
100	16QAM	1	1		16.74		17.00
100	64QAM	1	1		16.99		17.00
100	256QAM	1	1		16.95		17.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	16.95	16.95	16.99	17.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	16.90	16.89	16.93	17.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	16.98	16.97	16.96	17.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	16.97	16.92	16.85	17.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	16.98	16.95	16.96	17.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	16.98	16.94	16.94	17.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	16.96	16.89	16.94	17.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	16.93	16.98	16.93	17.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	16.86	16.98	16.87	17.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	16.97	16.88	16.94	17.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	16.98	16.95	16.88	17.00

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 6_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		16.98		18.40
100	PI/2 BPSK	1	137		16.99		18.40
100	PI/2 BPSK	1	271		16.95		18.40
100	PI/2 BPSK	135	0		16.97		18.40
100	PI/2 BPSK	135	69		16.94		18.40
100	PI/2 BPSK	135	138		16.92		18.40
100	PI/2 BPSK	270	0		16.91		18.40
100	QPSK	1	1		16.95		18.40
100	QPSK	1	137		16.90		18.40
100	QPSK	1	271		16.83		18.40
100	QPSK	135	0		16.92		18.40
100	QPSK	135	69		16.90		18.40
100	QPSK	135	138		16.91		18.40
100	QPSK	270	0		16.91		18.40
100	16QAM	1	1		16.63		18.40
100	64QAM	1	1		16.92		18.40
100	256QAM	1	1		16.90		18.40
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	16.95	16.96	16.91	18.40
Channel				632668	633332	634000	Tune-up limit

	Frequency (MHz)			3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	16.94	16.92	16.94	18.40
	Channel			632334	633332	634332	Tune-up limit
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	16.92	16.88	16.95	18.40
	Channel			632000	633332	634666	Tune-up limit
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	16.89	16.97	16.89	18.40
	Channel			631668	633332	635000	Tune-up limit
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	16.89	16.98	16.94	18.40
	Channel			631334	633332	635332	Tune-up limit
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	16.88	16.91	16.87	18.40
	Channel			631000	633332	635666	Tune-up limit
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	16.94	16.90	16.93	18.40
	Channel			630834	633332	635832	Tune-up limit
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	16.93	16.89	16.89	18.40
	Channel			630668	633332	636000	Tune-up limit
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	16.87	16.95	16.93	18.40
	Channel			630500	633332	636166	Tune-up limit
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	16.87	16.86	16.85	18.40
	Channel			630334	633332	636332	Tune-up limit
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	16.87	16.98	16.94	18.40

【FR1 n78 (270)_FCC_Part 270 (3700~3800MHz)_HPUE_Ant 6_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel				650000		
	Frequency (MHz)				3750		
100	PI/2 BPSK	1	1		16.88		18.40
100	PI/2 BPSK	1	137		16.84		18.40
100	PI/2 BPSK	1	271		16.91		18.40
100	PI/2 BPSK	135	0		16.93		18.40
100	PI/2 BPSK	135	69		16.86		18.40
100	PI/2 BPSK	135	138		16.92		18.40
100	PI/2 BPSK	270	0		16.87		18.40
100	QPSK	1	1		16.83		18.40
100	QPSK	1	137		16.91		18.40
100	QPSK	1	271		16.99		18.40
100	QPSK	135	0		16.98		18.40
100	QPSK	135	69		16.98		18.40
100	QPSK	135	138		16.89		18.40
100	QPSK	270	0		16.99		18.40
100	16QAM	1	1		16.74		18.40
100	64QAM	1	1		16.99		18.40
100	256QAM	1	1		16.95		18.40
	Channel			649668	650000	650332	Tune-up limit
	Frequency (MHz)			3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	16.95	16.95	16.99	18.40
	Channel			649334	650000	650666	Tune-up limit
	Frequency (MHz)			3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	16.90	16.89	16.93	18.40
	Channel			649000	650000	651000	Tune-up limit
	Frequency (MHz)			3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	16.98	16.97	16.96	18.40
	Channel			648668	650000	651332	Tune-up limit
	Frequency (MHz)			3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	16.97	16.92	16.85	18.40
	Channel			648334	650000	651666	Tune-up limit
	Frequency (MHz)			3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	16.98	16.95	16.96	18.40
	Channel			648000	650000	652000	Tune-up limit
	Frequency (MHz)			3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	16.98	16.94	16.94	18.40
	Channel			647668	650000	652332	Tune-up limit
	Frequency (MHz)			3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	16.96	16.89	16.94	18.40
	Channel			647500	650000	652500	Tune-up limit

Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	16.93	16.98	16.93	18.40
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	16.86	16.98	16.87	18.40
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	16.97	16.88	16.94	18.40
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	16.98	16.95	16.88	18.40

【FR1 n78 (27Q) FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 6_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		16.98		17.00
100	PI/2 BPSK	1	137		16.99		17.00
100	PI/2 BPSK	1	271		16.95		17.00
100	PI/2 BPSK	135	0		16.97		17.00
100	PI/2 BPSK	135	69		16.94		17.00
100	PI/2 BPSK	135	138		16.92		17.00
100	PI/2 BPSK	270	0		16.91		17.00
100	QPSK	1	1		16.95		17.00
100	QPSK	1	137		16.90		17.00
100	QPSK	1	271		16.83		17.00
100	QPSK	135	0		16.92		17.00
100	QPSK	135	69		16.90		17.00
100	QPSK	135	138		16.91		17.00
100	QPSK	270	0		16.91		17.00
100	16QAM	1	1		16.63		17.00
100	64QAM	1	1		16.92		17.00
100	256QAM	1	1		16.90		17.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	16.95	16.96	16.91	17.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	16.94	16.92	16.94	17.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	16.92	16.88	16.95	17.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	16.89	16.97	16.89	17.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	16.89	16.98	16.94	17.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	16.88	16.91	16.87	17.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	16.94	16.90	16.93	17.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	16.93	16.89	16.89	17.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	16.87	16.95	16.93	17.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	16.87	16.86	16.85	17.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	16.87	16.98	16.94	17.00

【FR1 n78 (27O) FCC_Part 27O (3700~3800MHz)_HPUE_Ant 6_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low	Power Middle	Power High	Tune-up limit (dBm)
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Channel				Ch. / Freq.	Ch. / Freq.	Ch. / Freq.	
Frequency (MHz)					650000		
					3750		
100	PI/2 BPSK	1	1		16.88		17.00
100	PI/2 BPSK	1	137		16.84		17.00
100	PI/2 BPSK	1	271		16.91		17.00
100	PI/2 BPSK	135	0		16.93		17.00
100	PI/2 BPSK	135	69		16.86		17.00
100	PI/2 BPSK	135	138		16.92		17.00
100	PI/2 BPSK	270	0		16.87		17.00
100	QPSK	1	1		16.83		17.00
100	QPSK	1	137		16.91		17.00
100	QPSK	1	271		16.99		17.00
100	QPSK	135	0		16.98		17.00
100	QPSK	135	69		16.98		17.00
100	QPSK	135	138		16.89		17.00
100	QPSK	270	0		16.99		17.00
100	16QAM	1	1		16.74		17.00
100	64QAM	1	1		16.99		17.00
100	256QAM	1	1		16.95		17.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	16.95	16.95	16.99	17.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	16.90	16.89	16.93	17.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	16.98	16.97	16.96	17.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	16.97	16.92	16.85	17.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	16.98	16.95	16.96	17.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	16.98	16.94	16.94	17.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	16.96	16.89	16.94	17.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	16.93	16.98	16.93	17.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	16.86	16.98	16.87	17.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	16.97	16.88	16.94	17.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	16.98	16.95	16.88	17.00

【FR1 n78 (27Q) _FCC_Part 27Q (3450~3550MHz)_Ant 7 _ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.25		24.50
100	PI/2 BPSK	1	137		23.29		24.50
100	PI/2 BPSK	1	271		23.22		24.50
100	PI/2 BPSK	135	0		22.64		24.00
100	PI/2 BPSK	135	69		23.14		24.50
100	PI/2 BPSK	135	138		22.64		24.00
100	PI/2 BPSK	270	0		22.67		24.00
100	QPSK	1	1		23.25		24.50

100	QPSK	1	137		23.32		24.50
100	QPSK	1	271		23.21		24.50
100	QPSK	135	0		22.20		23.50
100	QPSK	135	69		23.22		24.50
100	QPSK	135	138		22.20		23.50
100	QPSK	270	0		22.21		23.50
100	16QAM	1	1		22.41		23.50
100	64QAM	1	1		20.57		22.00
100	256QAM	1	1		18.53		20.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	23.19	23.24	23.19	24.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	23.16	23.18	23.18	24.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	23.07	23.17	23.13	24.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	23.13	23.20	23.05	24.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	23.13	23.20	23.07	24.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	23.11	23.09	23.09	24.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	23.05	23.11	23.17	24.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	23.15	23.21	23.13	24.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	23.06	23.11	23.15	24.50
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	23.18	23.11	23.08	24.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	23.17	23.17	23.08	24.50

【FR1 n78 (270)_FCC_Part 270 (3700~3800MHz)_Ant 7_ECI 2】

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		23.14		24.30
100	PI/2 BPSK	1	137		23.26		24.30
100	PI/2 BPSK	1	271		23.28		24.30
100	PI/2 BPSK	135	0		22.54		23.30
100	PI/2 BPSK	135	69		23.01		24.30
100	PI/2 BPSK	135	138		22.62		23.30
100	PI/2 BPSK	270	0		22.55		23.30
100	QPSK	1	1		23.16		24.50
100	QPSK	1	137		23.29		24.50
100	QPSK	1	271		23.30		24.50
100	QPSK	135	0		22.08		23.50
100	QPSK	135	69		23.08		24.50
100	QPSK	135	138		22.18		23.50
100	QPSK	270	0		22.10		23.50
100	16QAM	1	1		22.28		23.50
100	64QAM	1	1		20.42		22.00
100	256QAM	1	1		18.39		20.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	QPSK	1	1	23.05	23.03	23.08	24.50
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	QPSK	1	1	22.94	22.89	23.00	24.50
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	QPSK	1	1	23.01	22.92	23.07	24.50

Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	QPSK	1	1	23.01	22.97	22.97	24.50
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	QPSK	1	1	22.93	22.93	22.94	24.50
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	QPSK	1	1	22.95	22.91	23.01	24.50
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	QPSK	1	1	22.91	22.98	23.06	24.50
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	QPSK	1	1	22.96	22.90	23.07	24.50
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	QPSK	1	1	22.91	22.96	23.00	24.50
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	QPSK	1	1	23.00	22.94	22.94	24.50
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	QPSK	1	1	22.93	22.94	23.07	24.50

【FR1 n78 (27Q) _ FCC_Part 27Q (3450~3550MHz)_Ant 7 _ ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.25		24.50
100	PI/2 BPSK	1	137		23.29		24.50
100	PI/2 BPSK	1	271		23.22		24.50
100	PI/2 BPSK	135	0		22.64		24.00
100	PI/2 BPSK	135	69		23.14		24.50
100	PI/2 BPSK	135	138		22.64		24.00
100	PI/2 BPSK	270	0		22.67		24.00
100	QPSK	1	1		23.25		24.50
100	QPSK	1	137		23.32		24.50
100	QPSK	1	271		23.21		24.50
100	QPSK	135	0		22.20		23.50
100	QPSK	135	69		23.22		24.50
100	QPSK	135	138		22.20		23.50
100	QPSK	270	0		22.21		23.50
100	16QAM	1	1		22.41		23.50
100	64QAM	1	1		20.57		22.00
100	256QAM	1	1		18.53		20.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	23.19	23.24	23.19	24.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	23.16	23.18	23.18	24.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	23.07	23.17	23.13	24.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	23.13	23.20	23.05	24.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	23.13	23.20	23.07	24.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	23.11	23.09	23.09	24.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	23.05	23.11	23.17	24.50
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	23.15	23.21	23.13	24.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	23.06	23.11	23.15	24.50

Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	23.18	23.11	23.08	24.50
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	23.17	23.17	23.08	24.50

【FR1 n78 (270) _FCC_Part 270 (3700~3800MHz)_Ant 7 _ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		23.14		24.30
100	PI/2 BPSK	1	137		23.26		24.30
100	PI/2 BPSK	1	271		23.28		24.30
100	PI/2 BPSK	135	0		22.54		23.30
100	PI/2 BPSK	135	69		23.01		24.30
100	PI/2 BPSK	135	138		22.62		23.30
100	PI/2 BPSK	270	0		22.55		23.30
100	QPSK	1	1		23.16		24.50
100	QPSK	1	137		23.29		24.50
100	QPSK	1	271		23.30		24.50
100	QPSK	135	0		22.08		23.50
100	QPSK	135	69		23.08		24.50
100	QPSK	135	138		22.18		23.50
100	QPSK	270	0		22.10		23.50
100	16QAM	1	1		22.28		23.50
100	64QAM	1	1		20.42		22.00
100	256QAM	1	1		18.39		20.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	QPSK	1	1	23.05	23.03	23.08	24.50
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	QPSK	1	1	22.94	22.89	23.00	24.50
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	QPSK	1	1	23.01	22.92	23.07	24.50
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	QPSK	1	1	23.01	22.97	22.97	24.50
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	QPSK	1	1	22.93	22.93	22.94	24.50
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	QPSK	1	1	22.95	22.91	23.01	24.50
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	QPSK	1	1	22.91	22.98	23.06	24.50
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	QPSK	1	1	22.96	22.90	23.07	24.50
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	QPSK	1	1	22.91	22.96	23.00	24.50
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	QPSK	1	1	23.00	22.94	22.94	24.50
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	QPSK	1	1	22.93	22.94	23.07	24.50

【FR1 n78 (27Q) _FCC_Part 27Q (3450~3550MHz)_Ant 7 _ECI 6】

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		15.40		15.70
100	PI/2 BPSK	1	137		15.56		15.70

100	PI/2 BPSK	1	271		15.46		15.70
100	PI/2 BPSK	135	0		15.46		15.70
100	PI/2 BPSK	135	69		15.39		15.70
100	PI/2 BPSK	135	138		15.43		15.70
100	PI/2 BPSK	270	0		15.45		15.70
100	QPSK	1	1		15.40		15.70
100	QPSK	1	137		15.55		15.70
100	QPSK	1	271		15.47		15.70
100	QPSK	135	0		15.46		15.70
100	QPSK	135	69		15.45		15.70
100	QPSK	135	138		15.46		15.70
100	QPSK	270	0		15.45		15.70
100	16QAM	1	1		15.58		15.70
100	64QAM	1	1		15.24		15.70
100	256QAM	1	1		15.20		15.70
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	15.39	15.38	15.37	15.70
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	15.35	15.36	15.32	15.70
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	15.29	15.30	15.32	15.70
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	15.32	15.30	15.24	15.70
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	15.34	15.33	15.31	15.70
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	15.30	15.25	15.34	15.70
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	15.27	15.33	15.28	15.70
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	15.27	15.35	15.29	15.70
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	15.29	15.33	15.33	15.70
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	15.35	15.28	15.27	15.70
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	15.26	15.30	15.25	15.70

【FR1 n78 (270)_FCC_Part 270 (3700~3800MHz)_Ant 7_ECI 6】

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		15.32		15.70
100	PI/2 BPSK	1	137		15.48		15.70
100	PI/2 BPSK	1	271		15.32		15.70
100	PI/2 BPSK	135	0		15.34		15.70
100	PI/2 BPSK	135	69		15.26		15.70
100	PI/2 BPSK	135	138		15.20		15.70
100	PI/2 BPSK	270	0		15.33		15.70
100	QPSK	1	1		15.32		15.70
100	QPSK	1	137		15.47		15.70
100	QPSK	1	271		15.32		15.70
100	QPSK	135	0		15.34		15.70
100	QPSK	135	69		15.32		15.70
100	QPSK	135	138		15.28		15.70
100	QPSK	270	0		15.33		15.70
100	16QAM	1	1		15.48		15.70
100	64QAM	1	1		15.11		15.70
100	256QAM	1	1		15.11		15.70
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	15.31	15.30	15.31	15.70

Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	15.17	15.16	15.26	15.70
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	15.27	15.27	15.27	15.70
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	15.21	15.19	15.17	15.70
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	15.27	15.25	15.20	15.70
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	15.20	15.24	15.16	15.70
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	15.18	15.18	15.22	15.70
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	15.29	15.17	15.19	15.70
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	15.21	15.18	15.23	15.70
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	15.26	15.26	15.23	15.70
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	15.23	15.22	15.26	15.70

【FR1 n78 (27Q) _FCC_Part 27Q (3450~3550MHz)_Ant 7 _ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		16.89		18.20
100	PI/2 BPSK	1	137		16.98		18.20
100	PI/2 BPSK	1	271		16.94		18.20
100	PI/2 BPSK	135	0		16.86		18.20
100	PI/2 BPSK	135	69		16.80		18.20
100	PI/2 BPSK	135	138		16.93		18.20
100	PI/2 BPSK	270	0		16.95		18.20
100	QPSK	1	1		16.86		18.20
100	QPSK	1	137		17.04		18.20
100	QPSK	1	271		16.94		18.20
100	QPSK	135	0		16.92		18.20
100	QPSK	135	69		16.91		18.20
100	QPSK	135	138		16.96		18.20
100	QPSK	270	0		16.93		18.20
100	16QAM	1	1		17.02		18.20
100	64QAM	1	1		16.64		18.20
100	256QAM	1	1		16.65		18.20
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	16.82	16.86	16.84	18.20
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	16.72	16.80	16.74	18.20
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	16.76	16.76	16.73	18.20
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	16.73	16.73	16.80	18.20
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	16.75	16.82	16.72	18.20
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	16.68	16.83	16.80	18.20
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	16.73	16.83	16.82	18.20