

【FR1 n25_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				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	24.27	24.20	24.26	25.00
40	PI/2 BPSK	1	108	24.27	24.31	24.22	25.00
40	PI/2 BPSK	1	214	24.22	24.18	24.25	25.00
40	PI/2 BPSK	108	0	23.86	23.89	23.89	24.50
40	PI/2 BPSK	108	54	24.30	24.28	24.28	25.00
40	PI/2 BPSK	108	108	23.93	23.74	23.80	24.50
40	PI/2 BPSK	216	0	23.85	23.79	23.79	24.50
40	QPSK	1	1	24.25	24.18	24.27	25.00
40	QPSK	1	108	24.28	24.30	24.26	25.00
40	QPSK	1	214	24.19	24.17	24.25	25.00
40	QPSK	108	0	23.37	23.41	23.39	24.00
40	QPSK	108	54	24.29	24.27	24.29	25.00
40	QPSK	108	108	23.39	23.27	23.33	24.00
40	QPSK	216	0	23.37	23.30	23.34	24.00
40	16QAM	1	1	23.31	23.24	23.40	24.00
40	64QAM	1	1	21.76	21.72	21.86	22.50
40	256QAM	1	1	19.82	19.69	19.87	20.50
Channel				373500	376500	379500	Tune-up limit
Frequency (MHz)				1867.5	1882.5	1897.5	(dBm)
35	PI/2 BPSK	1	1	24.18	24.13	24.17	25.00
Channel				373000	376500	380000	Tune-up limit
Frequency (MHz)				1865	1882.5	1900	(dBm)
30	PI/2 BPSK	1	1	24.21	24.16	24.12	25.00
Channel				372500	376500	380500	Tune-up limit
Frequency (MHz)				1862.5	1882.5	1902.5	(dBm)
25	PI/2 BPSK	1	1	24.18	24.13	24.11	25.00
Channel				372000	376500	381000	Tune-up limit
Frequency (MHz)				1860	1882.5	1905	(dBm)
20	PI/2 BPSK	1	1	24.14	24.09	24.22	25.00
Channel				371500	376500	381500	Tune-up limit
Frequency (MHz)				1857.5	1882.5	1907.5	(dBm)
15	PI/2 BPSK	1	1	24.13	24.19	24.22	25.00
Channel				371000	376500	382000	Tune-up limit
Frequency (MHz)				1855	1882.5	1910	(dBm)
10	PI/2 BPSK	1	1	24.17	24.12	24.19	25.00
Channel				370500	376500	382500	Tune-up limit
Frequency (MHz)				1852.5	1882.5	1912.5	(dBm)
5	PI/2 BPSK	1	1	24.25	24.10	24.19	25.00

【FR1 n25_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				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	19.57	19.46	19.62	21.30
40	PI/2 BPSK	1	108	19.60	19.55	19.49	21.30
40	PI/2 BPSK	1	214	19.49	19.51	19.58	21.30
40	PI/2 BPSK	108	0	19.63	19.63	19.65	21.30
40	PI/2 BPSK	108	54	19.61	19.58	19.57	21.30
40	PI/2 BPSK	108	108	19.64	19.50	19.61	21.30
40	PI/2 BPSK	216	0	19.61	19.56	19.56	21.30
40	QPSK	1	1	19.57	19.44	19.52	21.30
40	QPSK	1	108	19.60	19.57	19.53	21.30
40	QPSK	1	214	19.35	19.56	19.62	21.30
40	QPSK	108	0	19.63	19.67	19.67	21.30
40	QPSK	108	54	19.64	19.58	19.62	21.30
40	QPSK	108	108	19.63	19.56	19.59	21.30
40	QPSK	216	0	19.64	19.58	19.61	21.30
40	16QAM	1	1	19.67	19.66	19.84	21.30
40	64QAM	1	1	19.48	19.57	19.72	21.30
40	256QAM	1	1	19.63	19.48	19.64	20.50
Channel				373500	376500	379500	Tune-up limit
Frequency (MHz)				1867.5	1882.5	1897.5	(dBm)
35	PI/2 BPSK	1	1	19.49	19.37	19.56	21.30
Channel				373000	376500	380000	Tune-up limit
Frequency (MHz)				1865	1882.5	1900	(dBm)
30	PI/2 BPSK	1	1	19.47	19.41	19.47	21.30
Channel				372500	376500	380500	Tune-up limit

Frequency (MHz)				1862.5	1882.5	1902.5	(dBm)
25	PI/2 BPSK	1	1	19.42	19.40	19.58	21.30
Channel				372000	376500	381000	Tune-up limit
Frequency (MHz)				1860	1882.5	1905	(dBm)
20	PI/2 BPSK	1	1	19.48	19.43	19.51	21.30
Channel				371500	376500	381500	Tune-up limit
Frequency (MHz)				1857.5	1882.5	1907.5	(dBm)
15	PI/2 BPSK	1	1	19.56	19.43	19.61	21.30
Channel				371000	376500	382000	Tune-up limit
Frequency (MHz)				1855	1882.5	1910	(dBm)
10	PI/2 BPSK	1	1	19.51	19.38	19.49	21.30
Channel				370500	376500	382500	Tune-up limit
Frequency (MHz)				1852.5	1882.5	1912.5	(dBm)
5	PI/2 BPSK	1	1	19.56	19.32	19.50	21.30

【FR1 n25_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				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	19.57	19.46	19.62	19.90
40	PI/2 BPSK	1	108	19.60	19.55	19.49	19.90
40	PI/2 BPSK	1	214	19.49	19.51	19.58	19.90
40	PI/2 BPSK	108	0	19.63	19.63	19.65	19.90
40	PI/2 BPSK	108	54	19.61	19.58	19.57	19.90
40	PI/2 BPSK	108	108	19.64	19.50	19.61	19.90
40	PI/2 BPSK	216	0	19.61	19.56	19.56	19.90
40	QPSK	1	1	19.57	19.44	19.52	19.90
40	QPSK	1	108	19.60	19.57	19.53	19.90
40	QPSK	1	214	19.35	19.56	19.62	19.90
40	QPSK	108	0	19.63	19.67	19.67	19.90
40	QPSK	108	54	19.64	19.58	19.62	19.90
40	QPSK	108	108	19.63	19.56	19.59	19.90
40	QPSK	216	0	19.64	19.58	19.61	19.90
40	16QAM	1	1	19.67	19.66	19.84	19.90
40	64QAM	1	1	19.48	19.57	19.72	19.90
40	256QAM	1	1	19.63	19.48	19.64	19.90
Channel				373500	376500	379500	Tune-up limit
Frequency (MHz)				1867.5	1882.5	1897.5	(dBm)
35	PI/2 BPSK	1	1	19.49	19.37	19.56	19.90
Channel				373000	376500	380000	Tune-up limit
Frequency (MHz)				1865	1882.5	1900	(dBm)
30	PI/2 BPSK	1	1	19.47	19.41	19.47	19.90
Channel				372500	376500	380500	Tune-up limit
Frequency (MHz)				1862.5	1882.5	1902.5	(dBm)
25	PI/2 BPSK	1	1	19.42	19.40	19.58	19.90
Channel				372000	376500	381000	Tune-up limit
Frequency (MHz)				1860	1882.5	1905	(dBm)
20	PI/2 BPSK	1	1	19.48	19.43	19.51	19.90
Channel				371500	376500	381500	Tune-up limit
Frequency (MHz)				1857.5	1882.5	1907.5	(dBm)
15	PI/2 BPSK	1	1	19.56	19.43	19.61	19.90
Channel				371000	376500	382000	Tune-up limit
Frequency (MHz)				1855	1882.5	1910	(dBm)
10	PI/2 BPSK	1	1	19.51	19.38	19.49	19.90
Channel				370500	376500	382500	Tune-up limit
Frequency (MHz)				1852.5	1882.5	1912.5	(dBm)
5	PI/2 BPSK	1	1	19.56	19.32	19.50	19.90

【FR1 n25_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				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	19.57	19.46	19.62	19.90
40	PI/2 BPSK	1	108	19.60	19.55	19.49	19.90
40	PI/2 BPSK	1	214	19.49	19.51	19.58	19.90
40	PI/2 BPSK	108	0	19.63	19.63	19.65	19.90
40	PI/2 BPSK	108	54	19.61	19.58	19.57	19.90
40	PI/2 BPSK	108	108	19.64	19.50	19.61	19.90

40	PI/2 BPSK	216	0	19.61	19.56	19.56	19.90
40	QPSK	1	1	19.57	19.44	19.52	19.90
40	QPSK	1	108	19.60	19.57	19.53	19.90
40	QPSK	1	214	19.35	19.56	19.62	19.90
40	QPSK	108	0	19.63	19.67	19.67	19.90
40	QPSK	108	54	19.64	19.58	19.62	19.90
40	QPSK	108	108	19.63	19.56	19.59	19.90
40	QPSK	216	0	19.64	19.58	19.61	19.90
40	16QAM	1	1	19.67	19.66	19.84	19.90
40	64QAM	1	1	19.48	19.57	19.72	19.90
40	256QAM	1	1	19.63	19.48	19.64	19.90
Channel				373500	376500	379500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	19.49	19.37	19.56	19.90
Channel				373000	376500	380000	Tune-up limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	19.47	19.41	19.47	19.90
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	19.42	19.40	19.58	19.90
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	19.48	19.43	19.51	19.90
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	19.56	19.43	19.61	19.90
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	19.51	19.38	19.49	19.90
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	19.56	19.32	19.50	19.90

【FR1 n25_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				374000	376500	379000	Tune-up limit (dBm)
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	17.49	17.42	17.49	18.50
40	PI/2 BPSK	1	108	17.45	17.44	17.44	18.50
40	PI/2 BPSK	1	214	17.39	17.29	17.39	18.50
40	PI/2 BPSK	108	0	17.52	17.50	17.57	18.50
40	PI/2 BPSK	108	54	17.54	17.48	17.52	18.50
40	PI/2 BPSK	108	108	17.53	17.40	17.49	18.50
40	PI/2 BPSK	216	0	17.45	17.46	17.48	18.50
40	QPSK	1	1	17.36	17.29	17.41	18.50
40	QPSK	1	108	17.40	17.37	17.42	18.50
40	QPSK	1	214	17.27	17.16	17.27	18.50
40	QPSK	108	0	17.52	17.55	17.61	18.50
40	QPSK	108	54	17.53	17.48	17.51	18.50
40	QPSK	108	108	17.54	17.43	17.48	18.50
40	QPSK	216	0	17.47	17.49	17.53	18.50
40	16QAM	1	1	17.70	17.62	17.68	18.50
40	64QAM	1	1	17.69	17.66	17.70	18.50
40	256QAM	1	1	17.64	17.51	17.53	18.50
Channel				373500	376500	379500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	17.45	17.27	17.43	18.50
Channel				373000	376500	380000	Tune-up limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	17.41	17.37	17.41	18.50
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	17.42	17.41	17.41	18.50
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	17.44	17.32	17.44	18.50
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	17.45	17.35	17.35	18.50

Channel				371000	376500	382000	Tune-up limit
Frequency (MHz)				1855	1882.5	1910	(dBm)
10	PI/2 BPSK	1	1	17.35	17.31	17.35	18.50
Channel				370500	376500	382500	Tune-up limit
Frequency (MHz)				1852.5	1882.5	1912.5	(dBm)
5	PI/2 BPSK	1	1	17.39	17.35	17.46	18.50

【FR1 n25_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				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	15.70	15.72	15.73	17.10
40	PI/2 BPSK	1	108	15.71	15.75	15.71	17.10
40	PI/2 BPSK	1	214	15.68	15.54	15.67	17.10
40	PI/2 BPSK	108	0	15.71	15.82	15.74	17.10
40	PI/2 BPSK	108	54	15.73	15.80	15.76	17.10
40	PI/2 BPSK	108	108	15.81	15.71	15.78	17.10
40	PI/2 BPSK	216	0	15.73	15.76	15.75	17.10
40	QPSK	1	1	15.63	15.58	15.68	17.10
40	QPSK	1	108	15.75	15.68	15.71	17.10
40	QPSK	1	214	15.57	15.42	15.54	17.10
40	QPSK	108	0	15.81	15.84	15.84	17.10
40	QPSK	108	54	15.83	15.78	15.79	17.10
40	QPSK	108	108	15.82	15.72	15.75	17.10
40	QPSK	216	0	15.76	15.78	15.78	17.10
40	16QAM	1	1	15.88	15.86	15.87	17.10
40	64QAM	1	1	15.92	15.87	15.82	17.10
40	256QAM	1	1	15.86	15.75	15.78	17.10
Channel				373500	376500	379500	Tune-up limit
Frequency (MHz)				1867.5	1882.5	1897.5	(dBm)
35	PI/2 BPSK	1	1	15.74	15.64	15.75	17.10
Channel				373000	376500	380000	Tune-up limit
Frequency (MHz)				1865	1882.5	1900	(dBm)
30	PI/2 BPSK	1	1	15.68	15.63	15.65	17.10
Channel				372500	376500	380500	Tune-up limit
Frequency (MHz)				1862.5	1882.5	1902.5	(dBm)
25	PI/2 BPSK	1	1	15.69	15.62	15.63	17.10
Channel				372000	376500	381000	Tune-up limit
Frequency (MHz)				1860	1882.5	1905	(dBm)
20	PI/2 BPSK	1	1	15.70	15.62	15.74	17.10
Channel				371500	376500	381500	Tune-up limit
Frequency (MHz)				1857.5	1882.5	1907.5	(dBm)
15	PI/2 BPSK	1	1	15.71	15.68	15.65	17.10
Channel				371000	376500	382000	Tune-up limit
Frequency (MHz)				1855	1882.5	1910	(dBm)
10	PI/2 BPSK	1	1	15.72	15.67	15.63	17.10
Channel				370500	376500	382500	Tune-up limit
Frequency (MHz)				1852.5	1882.5	1912.5	(dBm)
5	PI/2 BPSK	1	1	15.63	15.66	15.75	17.10

【FR1 n25_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				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	18.11	18.05	18.09	19.80
40	PI/2 BPSK	1	108	18.11	18.08	18.06	19.80
40	PI/2 BPSK	1	214	18.03	17.90	18.00	19.80
40	PI/2 BPSK	108	0	18.16	18.15	18.16	19.80
40	PI/2 BPSK	108	54	18.18	18.08	18.11	19.80
40	PI/2 BPSK	108	108	18.16	18.01	18.16	19.80
40	PI/2 BPSK	216	0	18.08	18.12	18.13	19.80
40	QPSK	1	1	18.00	17.95	18.06	19.80
40	QPSK	1	108	18.06	18.02	18.02	19.80
40	QPSK	1	214	17.90	17.90	17.92	19.80
40	QPSK	108	0	18.16	18.18	18.17	19.80
40	QPSK	108	54	18.17	18.13	18.15	19.80
40	QPSK	108	108	18.15	18.06	18.15	19.80
40	QPSK	216	0	18.11	18.10	18.15	19.80

40	16QAM	1	1	18.39	18.35	18.37	19.80
40	64QAM	1	1	18.38	18.29	18.35	19.80
40	256QAM	1	1	18.31	18.20	18.21	19.80
Channel				373500	376500	379500	Tune-up limit
Frequency (MHz)				1867.5	1882.5	1897.5	(dBm)
35	PI/2 BPSK	1	1	18.09	17.94	18.00	19.80
Channel				373000	376500	380000	Tune-up limit
Frequency (MHz)				1865	1882.5	1900	(dBm)
30	PI/2 BPSK	1	1	18.08	18.01	18.08	19.80
Channel				372500	376500	380500	Tune-up limit
Frequency (MHz)				1862.5	1882.5	1902.5	(dBm)
25	PI/2 BPSK	1	1	17.98	18.03	18.04	19.80
Channel				372000	376500	381000	Tune-up limit
Frequency (MHz)				1860	1882.5	1905	(dBm)
20	PI/2 BPSK	1	1	17.97	17.99	18.07	19.80
Channel				371500	376500	381500	Tune-up limit
Frequency (MHz)				1857.5	1882.5	1907.5	(dBm)
15	PI/2 BPSK	1	1	17.98	17.94	18.01	19.80
Channel				371000	376500	382000	Tune-up limit
Frequency (MHz)				1855	1882.5	1910	(dBm)
10	PI/2 BPSK	1	1	18.05	18.00	18.01	19.80
Channel				370500	376500	382500	Tune-up limit
Frequency (MHz)				1852.5	1882.5	1912.5	(dBm)
5	PI/2 BPSK	1	1	18.06	18.02	18.07	19.80

【FR1 n25_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				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	18.11	18.05	18.09	18.40
40	PI/2 BPSK	1	108	18.11	18.08	18.06	18.40
40	PI/2 BPSK	1	214	18.03	17.90	18.00	18.40
40	PI/2 BPSK	108	0	18.16	18.15	18.16	18.40
40	PI/2 BPSK	108	54	18.18	18.08	18.11	18.40
40	PI/2 BPSK	108	108	18.16	18.01	18.16	18.40
40	PI/2 BPSK	216	0	18.08	18.12	18.13	18.40
40	QPSK	1	1	18.00	17.95	18.06	18.40
40	QPSK	1	108	18.06	18.02	18.02	18.40
40	QPSK	1	214	17.90	17.90	17.92	18.40
40	QPSK	108	0	18.16	18.18	18.17	18.40
40	QPSK	108	54	18.17	18.13	18.15	18.40
40	QPSK	108	108	18.15	18.06	18.15	18.40
40	QPSK	216	0	18.11	18.10	18.15	18.40
40	16QAM	1	1	18.39	18.35	18.37	18.40
40	64QAM	1	1	18.38	18.29	18.35	18.40
40	256QAM	1	1	18.31	18.20	18.21	18.40
Channel				373500	376500	379500	Tune-up limit
Frequency (MHz)				1867.5	1882.5	1897.5	(dBm)
35	PI/2 BPSK	1	1	18.09	17.94	18.00	18.40
Channel				373000	376500	380000	Tune-up limit
Frequency (MHz)				1865	1882.5	1900	(dBm)
30	PI/2 BPSK	1	1	18.08	18.01	18.08	18.40
Channel				372500	376500	380500	Tune-up limit
Frequency (MHz)				1862.5	1882.5	1902.5	(dBm)
25	PI/2 BPSK	1	1	17.98	18.03	18.04	18.40
Channel				372000	376500	381000	Tune-up limit
Frequency (MHz)				1860	1882.5	1905	(dBm)
20	PI/2 BPSK	1	1	17.97	17.99	18.07	18.40
Channel				371500	376500	381500	Tune-up limit
Frequency (MHz)				1857.5	1882.5	1907.5	(dBm)
15	PI/2 BPSK	1	1	17.98	17.94	18.01	18.40
Channel				371000	376500	382000	Tune-up limit
Frequency (MHz)				1855	1882.5	1910	(dBm)
10	PI/2 BPSK	1	1	18.05	18.00	18.01	18.40
Channel				370500	376500	382500	Tune-up limit
Frequency (MHz)				1852.5	1882.5	1912.5	(dBm)
5	PI/2 BPSK	1	1	18.06	18.02	18.07	18.40

【FR1 n25_Ant 5_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit
----------	------------	---------	-----------	-------	-------	-------	---------------

				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.	(dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	18.11	18.05	18.09	18.40
40	PI/2 BPSK	1	108	18.11	18.08	18.06	18.40
40	PI/2 BPSK	1	214	18.03	17.90	18.00	18.40
40	PI/2 BPSK	108	0	18.16	18.15	18.16	18.40
40	PI/2 BPSK	108	54	18.18	18.08	18.11	18.40
40	PI/2 BPSK	108	108	18.16	18.01	18.16	18.40
40	PI/2 BPSK	216	0	18.08	18.12	18.13	18.40
40	QPSK	1	1	18.00	17.95	18.06	18.40
40	QPSK	1	108	18.06	18.02	18.02	18.40
40	QPSK	1	214	17.90	17.90	17.92	18.40
40	QPSK	108	0	18.16	18.18	18.17	18.40
40	QPSK	108	54	18.17	18.13	18.15	18.40
40	QPSK	108	108	18.15	18.06	18.15	18.40
40	QPSK	216	0	18.11	18.10	18.15	18.40
40	16QAM	1	1	18.39	18.35	18.37	18.40
40	64QAM	1	1	18.38	18.29	18.35	18.40
40	256QAM	1	1	18.31	18.20	18.21	18.40
Channel				373500	376500	379500	Tune-up limit
Frequency (MHz)				1867.5	1882.5	1897.5	(dBm)
35	PI/2 BPSK	1	1	18.09	17.94	18.00	18.40
Channel				373000	376500	380000	Tune-up limit
Frequency (MHz)				1865	1882.5	1900	(dBm)
30	PI/2 BPSK	1	1	18.08	18.01	18.08	18.40
Channel				372500	376500	380500	Tune-up limit
Frequency (MHz)				1862.5	1882.5	1902.5	(dBm)
25	PI/2 BPSK	1	1	17.98	18.03	18.04	18.40
Channel				372000	376500	381000	Tune-up limit
Frequency (MHz)				1860	1882.5	1905	(dBm)
20	PI/2 BPSK	1	1	17.97	17.99	18.07	18.40
Channel				371500	376500	381500	Tune-up limit
Frequency (MHz)				1857.5	1882.5	1907.5	(dBm)
15	PI/2 BPSK	1	1	17.98	17.94	18.01	18.40
Channel				371000	376500	382000	Tune-up limit
Frequency (MHz)				1855	1882.5	1910	(dBm)
10	PI/2 BPSK	1	1	18.05	18.00	18.01	18.40
Channel				370500	376500	382500	Tune-up limit
Frequency (MHz)				1852.5	1882.5	1912.5	(dBm)
5	PI/2 BPSK	1	1	18.06	18.02	18.07	18.40

【FR1 n26_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)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	24.48	24.48	24.45	25.00
20	PI/2 BPSK	1	53	24.41	24.41	24.49	25.00
20	PI/2 BPSK	1	104	24.38	24.45	24.38	25.00
20	PI/2 BPSK	50	0	24.01	23.98	23.99	24.50
20	PI/2 BPSK	50	28	24.49	24.48	24.50	25.00
20	PI/2 BPSK	50	56	23.95	23.98	23.94	24.50
20	PI/2 BPSK	100	0	24.03	24.01	24.01	24.50
20	QPSK	1	1	24.38	24.44	24.42	25.00
20	QPSK	1	53	24.44	24.35	24.48	25.00
20	QPSK	1	104	24.34	24.38	24.33	25.00
20	QPSK	50	0	23.53	23.48	23.49	24.00
20	QPSK	50	28	24.50	24.49	24.52	25.00
20	QPSK	50	56	23.44	23.50	23.43	24.00
20	QPSK	100	0	23.52	23.50	23.50	24.00
20	16QAM	1	1	23.80	23.59	23.61	24.00
20	64QAM	1	1	22.24	22.09	22.09	22.50
20	256QAM	1	1	20.00	19.83	19.89	20.50
Channel				164300	166300	168300	Tune-up limit
Frequency (MHz)				821.5	831.5	841.5	(dBm)
15	PI/2 BPSK	1	1	24.34	24.39	24.37	25.00
Channel				163800	166300	168800	Tune-up limit
Frequency (MHz)				819	831.5	844	(dBm)

10	PI/2 BPSK	1	1	24.45	24.38	24.33	25.00
Channel				163300	166300	169300	Tune-up limit
Frequency (MHz)				816.5	831.5	846.5	(dBm)
5	PI/2 BPSK	1	1	24.40	24.37	24.30	25.00
Channel				163100	166300	169500	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	PI/2 BPSK	1	1	24.38	24.46	24.35	25.00

【FR1 n26_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				164800	166300	167800	Tune-up limit
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	24.48	24.48	24.45	25.00
20	PI/2 BPSK	1	53	24.41	24.41	24.49	25.00
20	PI/2 BPSK	1	104	24.38	24.45	24.38	25.00
20	PI/2 BPSK	50	0	24.01	23.98	23.99	24.50
20	PI/2 BPSK	50	28	24.49	24.48	24.50	25.00
20	PI/2 BPSK	50	56	23.95	23.98	23.94	24.50
20	PI/2 BPSK	100	0	24.03	24.01	24.01	24.50
20	QPSK	1	1	24.38	24.44	24.42	25.00
20	QPSK	1	53	24.44	24.35	24.48	25.00
20	QPSK	1	104	24.34	24.38	24.33	25.00
20	QPSK	50	0	23.53	23.48	23.49	24.00
20	QPSK	50	28	24.50	24.49	24.52	25.00
20	QPSK	50	56	23.44	23.50	23.43	24.00
20	QPSK	100	0	23.52	23.50	23.50	24.00
20	16QAM	1	1	23.80	23.59	23.61	24.00
20	64QAM	1	1	22.24	22.09	22.09	22.50
20	256QAM	1	1	20.00	19.83	19.89	20.50
Channel				164300	166300	168300	Tune-up limit
Frequency (MHz)				821.5	831.5	841.5	(dBm)
15	PI/2 BPSK	1	1	24.34	24.39	24.37	25.00
Channel				163800	166300	168800	Tune-up limit
Frequency (MHz)				819	831.5	844	(dBm)
10	PI/2 BPSK	1	1	24.45	24.38	24.33	25.00
Channel				163300	166300	169300	Tune-up limit
Frequency (MHz)				816.5	831.5	846.5	(dBm)
5	PI/2 BPSK	1	1	24.40	24.37	24.30	25.00
Channel				163100	166300	169500	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	PI/2 BPSK	1	1	24.38	24.46	24.35	25.00

【FR1 n26_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				164800	166300	167800	Tune-up limit
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	21.67	21.63	21.61	21.70
20	PI/2 BPSK	1	53	21.59	21.54	21.63	21.70
20	PI/2 BPSK	1	104	21.58	21.62	21.57	21.70
20	PI/2 BPSK	50	0	21.67	21.62	21.64	21.70
20	PI/2 BPSK	50	28	21.64	21.63	21.68	21.70
20	PI/2 BPSK	50	56	21.59	21.65	21.59	21.70
20	PI/2 BPSK	100	0	21.67	21.66	21.68	21.70
20	QPSK	1	1	21.53	21.58	21.58	21.70
20	QPSK	1	53	21.55	21.51	21.60	21.70
20	QPSK	1	104	21.51	21.54	21.51	21.70
20	QPSK	50	0	21.68	21.64	21.65	21.70
20	QPSK	50	28	21.63	21.65	21.67	21.70
20	QPSK	50	56	21.61	21.65	21.58	21.70
20	QPSK	100	0	21.67	21.65	21.68	21.70
20	16QAM	1	1	21.65	21.64	21.60	21.70
20	64QAM	1	1	21.63	21.63	21.62	21.70
20	256QAM	1	1	19.77	19.63	19.70	20.50
Channel				164300	166300	168300	Tune-up limit
Frequency (MHz)				821.5	831.5	841.5	(dBm)
15	PI/2 BPSK	1	1	21.54	21.51	21.58	21.70
Channel				163800	166300	168800	Tune-up limit
Frequency (MHz)				819	831.5	844	(dBm)

10	PI/2 BPSK	1	1	21.62	21.56	21.51	21.70
Channel				163300	166300	169300	Tune-up limit
Frequency (MHz)				816.5	831.5	846.5	(dBm)
5	PI/2 BPSK	1	1	21.61	21.57	21.47	21.70
Channel				163100	166300	169500	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	PI/2 BPSK	1	1	21.65	21.61	21.53	21.70

【FR1 n26_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				164800	166300	167800	Tune-up limit
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	21.67	21.63	21.61	21.70
20	PI/2 BPSK	1	53	21.59	21.54	21.63	21.70
20	PI/2 BPSK	1	104	21.58	21.62	21.57	21.70
20	PI/2 BPSK	50	0	21.67	21.62	21.64	21.70
20	PI/2 BPSK	50	28	21.64	21.63	21.68	21.70
20	PI/2 BPSK	50	56	21.59	21.65	21.59	21.70
20	PI/2 BPSK	100	0	21.67	21.66	21.68	21.70
20	QPSK	1	1	21.53	21.58	21.58	21.70
20	QPSK	1	53	21.55	21.51	21.60	21.70
20	QPSK	1	104	21.51	21.54	21.51	21.70
20	QPSK	50	0	21.68	21.64	21.65	21.70
20	QPSK	50	28	21.63	21.65	21.67	21.70
20	QPSK	50	56	21.61	21.65	21.58	21.70
20	QPSK	100	0	21.67	21.65	21.68	21.70
20	16QAM	1	1	21.65	21.64	21.60	21.70
20	64QAM	1	1	21.63	21.63	21.62	21.70
20	256QAM	1	1	19.77	19.63	19.70	20.50
Channel				164300	166300	168300	Tune-up limit
Frequency (MHz)				821.5	831.5	841.5	(dBm)
15	PI/2 BPSK	1	1	21.54	21.51	21.58	21.70
Channel				163800	166300	168800	Tune-up limit
Frequency (MHz)				819	831.5	844	(dBm)
10	PI/2 BPSK	1	1	21.62	21.56	21.51	21.70
Channel				163300	166300	169300	Tune-up limit
Frequency (MHz)				816.5	831.5	846.5	(dBm)
5	PI/2 BPSK	1	1	21.61	21.57	21.47	21.70
Channel				163100	166300	169500	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	PI/2 BPSK	1	1	21.65	21.61	21.53	21.70

【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	Tune-up limit
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	21.67	21.63	21.61	21.70
20	PI/2 BPSK	1	53	21.59	21.54	21.63	21.70
20	PI/2 BPSK	1	104	21.58	21.62	21.57	21.70
20	PI/2 BPSK	50	0	21.67	21.62	21.64	21.70
20	PI/2 BPSK	50	28	21.64	21.63	21.68	21.70
20	PI/2 BPSK	50	56	21.59	21.65	21.59	21.70
20	PI/2 BPSK	100	0	21.67	21.66	21.68	21.70
20	QPSK	1	1	21.53	21.58	21.58	21.70
20	QPSK	1	53	21.55	21.51	21.60	21.70
20	QPSK	1	104	21.51	21.54	21.51	21.70
20	QPSK	50	0	21.68	21.64	21.65	21.70
20	QPSK	50	28	21.63	21.65	21.67	21.70
20	QPSK	50	56	21.61	21.65	21.58	21.70
20	QPSK	100	0	21.67	21.65	21.68	21.70
20	16QAM	1	1	21.65	21.64	21.60	21.70
20	64QAM	1	1	21.63	21.63	21.62	21.70
20	256QAM	1	1	19.77	19.63	19.70	20.50
Channel				164300	166300	168300	Tune-up limit
Frequency (MHz)				821.5	831.5	841.5	(dBm)
15	PI/2 BPSK	1	1	21.54	21.51	21.58	21.70
Channel				163800	166300	168800	Tune-up limit
Frequency (MHz)				819	831.5	844	(dBm)

10	PI/2 BPSK	1	1	21.62	21.56	21.51	21.70
Channel				163300	166300	169300	Tune-up limit
Frequency (MHz)				816.5	831.5	846.5	(dBm)
5	PI/2 BPSK	1	1	21.61	21.57	21.47	21.70
Channel				163100	166300	169500	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	PI/2 BPSK	1	1	21.65	21.61	21.53	21.70

【FR1 n26_FCC_Ant 1_ECI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				164800	166300	167800	Tune-up limit
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	24.15	24.33	24.39	24.70
20	PI/2 BPSK	1	53	24.28	24.37	24.51	24.70
20	PI/2 BPSK	1	104	24.46	24.65	24.63	24.70
20	PI/2 BPSK	50	0	23.81	23.89	24.01	24.20
20	PI/2 BPSK	50	28	24.38	24.62	24.60	24.70
20	PI/2 BPSK	50	56	23.91	24.06	24.19	24.20
20	PI/2 BPSK	100	0	23.87	24.11	24.09	24.20
20	QPSK	1	1	24.15	24.28	24.40	24.70
20	QPSK	1	53	24.27	24.39	24.52	24.70
20	QPSK	1	104	24.44	24.40	24.62	24.70
20	QPSK	50	0	23.31	23.42	23.54	23.70
20	QPSK	50	28	24.35	24.47	24.59	24.70
20	QPSK	50	56	23.42	23.58	23.69	23.70
20	QPSK	100	0	23.37	23.50	23.60	23.70
20	16QAM	1	1	23.25	23.54	23.44	23.70
20	64QAM	1	1	21.68	21.94	21.89	22.20
20	256QAM	1	1	19.55	19.69	19.73	20.20
Channel				164300	166300	168300	Tune-up limit
Frequency (MHz)				821.5	831.5	841.5	(dBm)
15	PI/2 BPSK	1	1	24.13	24.27	24.25	24.70
Channel				163800	166300	168800	Tune-up limit
Frequency (MHz)				819	831.5	844	(dBm)
10	PI/2 BPSK	1	1	24.12	24.22	24.31	24.70
Channel				163300	166300	169300	Tune-up limit
Frequency (MHz)				816.5	831.5	846.5	(dBm)
5	PI/2 BPSK	1	1	24.06	24.22	24.30	24.70
Channel				163100	166300	169500	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	PI/2 BPSK	1	1	24.10	24.25	24.33	24.70

【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	Tune-up limit
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	22.25	22.40	22.43	23.90
20	PI/2 BPSK	1	53	22.38	22.44	22.62	23.90
20	PI/2 BPSK	1	104	22.56	22.61	22.86	23.90
20	PI/2 BPSK	50	0	22.42	22.49	22.60	23.90
20	PI/2 BPSK	50	28	22.45	22.56	22.70	23.90
20	PI/2 BPSK	50	56	22.49	22.65	22.79	23.90
20	PI/2 BPSK	100	0	22.44	22.59	22.69	23.90
20	QPSK	1	1	22.20	22.36	22.44	23.90
20	QPSK	1	53	22.32	22.42	22.57	23.90
20	QPSK	1	104	22.48	22.48	22.81	23.90
20	QPSK	50	0	22.42	22.51	22.60	23.40
20	QPSK	50	28	22.44	22.55	22.67	23.90
20	QPSK	50	56	22.49	22.67	22.78	23.40
20	QPSK	100	0	22.45	22.57	22.70	23.40
20	16QAM	1	1	22.40	22.67	22.60	23.40
20	64QAM	1	1	21.74	21.77	21.76	21.90
20	256QAM	1	1	19.56	19.71	19.74	19.90
Channel				164300	166300	168300	Tune-up limit
Frequency (MHz)				821.5	831.5	841.5	(dBm)
15	PI/2 BPSK	1	1	22.21	22.27	22.36	23.90
Channel				163800	166300	168800	Tune-up limit
Frequency (MHz)				819	831.5	844	(dBm)

10	PI/2 BPSK	1	1	22.23	22.30	22.42	23.90
Channel				163300	166300	169300	Tune-up limit
Frequency (MHz)				816.5	831.5	846.5	(dBm)
5	PI/2 BPSK	1	1	22.20	22.30	22.34	23.90
Channel				163100	166300	169500	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	PI/2 BPSK	1	1	22.22	22.38	22.41	23.90

【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	Tune-up limit
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	22.25	22.40	22.43	23.10
20	PI/2 BPSK	1	53	22.38	22.44	22.62	23.10
20	PI/2 BPSK	1	104	22.56	22.61	22.86	23.10
20	PI/2 BPSK	50	0	22.42	22.49	22.60	23.10
20	PI/2 BPSK	50	28	22.45	22.56	22.70	23.10
20	PI/2 BPSK	50	56	22.49	22.65	22.79	23.10
20	PI/2 BPSK	100	0	22.44	22.59	22.69	23.10
20	QPSK	1	1	22.20	22.36	22.44	23.10
20	QPSK	1	53	22.32	22.42	22.57	23.10
20	QPSK	1	104	22.48	22.48	22.81	23.10
20	QPSK	50	0	22.42	22.51	22.60	23.10
20	QPSK	50	28	22.44	22.55	22.67	23.10
20	QPSK	50	56	22.49	22.67	22.78	23.10
20	QPSK	100	0	22.45	22.57	22.70	23.10
20	16QAM	1	1	22.40	22.67	22.60	23.10
20	64QAM	1	1	21.74	21.77	21.76	21.80
20	256QAM	1	1	19.56	19.71	19.74	19.80
Channel				164300	166300	168300	Tune-up limit
Frequency (MHz)				821.5	831.5	841.5	(dBm)
15	PI/2 BPSK	1	1	22.21	22.27	22.36	23.10
Channel				163800	166300	168800	Tune-up limit
Frequency (MHz)				819	831.5	844	(dBm)
10	PI/2 BPSK	1	1	22.23	22.30	22.42	23.10
Channel				163300	166300	169300	Tune-up limit
Frequency (MHz)				816.5	831.5	846.5	(dBm)
5	PI/2 BPSK	1	1	22.20	22.30	22.34	23.10
Channel				163100	166300	169500	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	PI/2 BPSK	1	1	22.22	22.38	22.41	23.10

【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	Tune-up limit
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	22.25	22.40	22.43	24.10
20	PI/2 BPSK	1	53	22.38	22.44	22.62	24.10
20	PI/2 BPSK	1	104	22.56	22.61	22.86	24.10
20	PI/2 BPSK	50	0	22.42	22.49	22.60	24.10
20	PI/2 BPSK	50	28	22.45	22.56	22.70	24.10
20	PI/2 BPSK	50	56	22.49	22.65	22.79	24.10
20	PI/2 BPSK	100	0	22.44	22.59	22.69	24.10
20	QPSK	1	1	22.20	22.36	22.44	24.10
20	QPSK	1	53	22.32	22.42	22.57	24.10
20	QPSK	1	104	22.48	22.48	22.81	24.10
20	QPSK	50	0	22.42	22.51	22.60	23.70
20	QPSK	50	28	22.44	22.55	22.67	24.10
20	QPSK	50	56	22.49	22.67	22.78	23.70
20	QPSK	100	0	22.45	22.57	22.70	23.70
20	16QAM	1	1	22.40	22.67	22.60	23.70
20	64QAM	1	1	21.74	21.77	21.76	22.20
20	256QAM	1	1	19.56	19.71	19.74	20.20
Channel				164300	166300	168300	Tune-up limit
Frequency (MHz)				821.5	831.5	841.5	(dBm)
15	PI/2 BPSK	1	1	22.21	22.27	22.36	24.10
Channel				163800	166300	168800	Tune-up limit
Frequency (MHz)				819	831.5	844	(dBm)

10	PI/2 BPSK	1	1	22.23	22.30	22.42	24.10
Channel				163300	166300	169300	Tune-up limit
Frequency (MHz)				816.5	831.5	846.5	(dBm)
5	PI/2 BPSK	1	1	22.20	22.30	22.34	24.10
Channel				163100	166300	169500	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	PI/2 BPSK	1	1	22.22	22.38	22.41	24.10

【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	Tune-up limit
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	24.15	24.33	24.39	24.70
20	PI/2 BPSK	1	53	24.28	24.37	24.51	24.70
20	PI/2 BPSK	1	104	24.46	24.65	24.63	24.70
20	PI/2 BPSK	50	0	23.81	23.89	24.01	24.20
20	PI/2 BPSK	50	28	24.38	24.62	24.60	24.70
20	PI/2 BPSK	50	56	23.91	24.06	24.19	24.20
20	PI/2 BPSK	100	0	23.87	24.11	24.09	24.20
20	QPSK	1	1	24.15	24.28	24.40	24.70
20	QPSK	1	53	24.27	24.39	24.52	24.70
20	QPSK	1	104	24.44	24.40	24.62	24.70
20	QPSK	50	0	23.31	23.42	23.54	23.70
20	QPSK	50	28	24.35	24.47	24.59	24.70
20	QPSK	50	56	23.42	23.58	23.69	23.70
20	QPSK	100	0	23.37	23.50	23.60	23.70
20	16QAM	1	1	23.25	23.54	23.44	23.70
20	64QAM	1	1	21.68	21.94	21.89	22.20
20	256QAM	1	1	19.55	19.69	19.73	20.20
Channel				164300	166300	168300	Tune-up limit
Frequency (MHz)				821.5	831.5	841.5	(dBm)
15	PI/2 BPSK	1	1	24.13	24.27	24.25	24.70
Channel				163800	166300	168800	Tune-up limit
Frequency (MHz)				819	831.5	844	(dBm)
10	PI/2 BPSK	1	1	24.12	24.22	24.31	24.70
Channel				163300	166300	169300	Tune-up limit
Frequency (MHz)				816.5	831.5	846.5	(dBm)
5	PI/2 BPSK	1	1	24.06	24.22	24.30	24.70
Channel				163100	166300	169500	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	PI/2 BPSK	1	1	24.10	24.25	24.33	24.70

【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	Tune-up limit
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	22.25	22.40	22.43	24.10
20	PI/2 BPSK	1	53	22.38	22.44	22.62	24.10
20	PI/2 BPSK	1	104	22.56	22.61	22.86	24.10
20	PI/2 BPSK	50	0	22.42	22.49	22.60	24.10
20	PI/2 BPSK	50	28	22.45	22.56	22.70	24.10
20	PI/2 BPSK	50	56	22.49	22.65	22.79	24.10
20	PI/2 BPSK	100	0	22.44	22.59	22.69	24.10
20	QPSK	1	1	22.20	22.36	22.44	24.10
20	QPSK	1	53	22.32	22.42	22.57	24.10
20	QPSK	1	104	22.48	22.48	22.81	24.10
20	QPSK	50	0	22.42	22.51	22.60	23.70
20	QPSK	50	28	22.44	22.55	22.67	24.10
20	QPSK	50	56	22.49	22.67	22.78	23.70
20	QPSK	100	0	22.45	22.57	22.70	23.70
20	16QAM	1	1	22.40	22.67	22.60	23.70
20	64QAM	1	1	21.74	21.77	21.76	22.20
20	256QAM	1	1	19.56	19.71	19.74	20.20
Channel				164300	166300	168300	Tune-up limit
Frequency (MHz)				821.5	831.5	841.5	(dBm)
15	PI/2 BPSK	1	1	22.21	22.27	22.36	24.10
Channel				163800	166300	168800	Tune-up limit
Frequency (MHz)				819	831.5	844	(dBm)

10	PI/2 BPSK	1	1	22.23	22.30	22.42	24.10
Channel				163300	166300	169300	Tune-up limit
Frequency (MHz)				816.5	831.5	846.5	(dBm)
5	PI/2 BPSK	1	1	22.20	22.30	22.34	24.10
Channel				163100	166300	169500	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	PI/2 BPSK	1	1	22.22	22.38	22.41	24.10

【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		24.15		24.60
10	PI/2 BPSK	1	26		24.14		24.60
10	PI/2 BPSK	1	50		24.14		24.60
10	PI/2 BPSK	25	0		23.63		24.10
10	PI/2 BPSK	25	14		24.14		24.60
10	PI/2 BPSK	25	27		23.60		24.10
10	PI/2 BPSK	50	0		23.61		24.10
10	QPSK	1	1		24.03		24.60
10	QPSK	1	26		24.15		24.60
10	QPSK	1	50		24.15		24.60
10	QPSK	25	0		23.15		23.60
10	QPSK	25	14		24.18		24.60
10	QPSK	25	27		23.15		23.60
10	QPSK	50	0		23.12		23.60
10	16QAM	1	1		23.30		23.60
10	64QAM	1	1		21.98		22.10
10	256QAM	1	1		19.64		20.10
Channel				461500	462000	462500	Tune-up limit
Frequency (MHz)				2307.5	2310	2312.5	(dBm)
5	PI/2 BPSK	1	1	24.08	24.13	24.12	24.60

【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		24.15		24.60
10	PI/2 BPSK	1	26		24.14		24.60
10	PI/2 BPSK	1	50		24.14		24.60
10	PI/2 BPSK	25	0		23.63		24.10
10	PI/2 BPSK	25	14		24.14		24.60
10	PI/2 BPSK	25	27		23.60		24.10
10	PI/2 BPSK	50	0		23.61		24.10
10	QPSK	1	1		24.03		24.60
10	QPSK	1	26		24.15		24.60
10	QPSK	1	50		24.15		24.60
10	QPSK	25	0		23.15		23.60
10	QPSK	25	14		24.18		24.60
10	QPSK	25	27		23.15		23.60
10	QPSK	50	0		23.12		23.60
10	16QAM	1	1		23.30		23.60
10	64QAM	1	1		21.98		22.10
10	256QAM	1	1		19.64		20.10
Channel				461500	462000	462500	Tune-up limit
Frequency (MHz)				2307.5	2310	2312.5	(dBm)
5	PI/2 BPSK	1	1	24.08	24.13	24.12	24.60

【FR1 n30_Ant 0_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low	Power Middle	Power High	Tune-up limit (dBm)
----------	------------	---------	-----------	-----------	--------------	------------	------------------------

Channel				Ch. / Freq.	Ch. / Freq.	Ch. / Freq.	
Frequency (MHz)					462000	2310	
10	PI/2 BPSK	1	1		15.40		17.20
10	PI/2 BPSK	1	26		15.26		17.20
10	PI/2 BPSK	1	50		15.41		17.20
10	PI/2 BPSK	25	0		15.32		17.20
10	PI/2 BPSK	25	14		15.33		17.20
10	PI/2 BPSK	25	27		15.31		17.20
10	PI/2 BPSK	50	0		15.31		17.20
10	QPSK	1	1		15.36		17.20
10	QPSK	1	26		15.28		17.20
10	QPSK	1	50		15.35		17.20
10	QPSK	25	0		15.34		17.20
10	QPSK	25	14		15.37		17.20
10	QPSK	25	27		15.37		17.20
10	QPSK	50	0		15.34		17.20
10	16QAM	1	1		15.53		17.20
10	64QAM	1	1		15.53		17.20
10	256QAM	1	1		15.35		17.20
Channel				461500	462000	462500	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	15.26	15.35	15.28	17.20

【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		15.40		15.80
10	PI/2 BPSK	1	26		15.26		15.80
10	PI/2 BPSK	1	50		15.41		15.80
10	PI/2 BPSK	25	0		15.32		15.80
10	PI/2 BPSK	25	14		15.33		15.80
10	PI/2 BPSK	25	27		15.31		15.80
10	PI/2 BPSK	50	0		15.31		15.80
10	QPSK	1	1		15.36		15.80
10	QPSK	1	26		15.28		15.80
10	QPSK	1	50		15.35		15.80
10	QPSK	25	0		15.34		15.80
10	QPSK	25	14		15.37		15.80
10	QPSK	25	27		15.37		15.80
10	QPSK	50	0		15.34		15.80
10	16QAM	1	1		15.53		15.80
10	64QAM	1	1		15.53		15.80
10	256QAM	1	1		15.35		15.80
Channel				461500	462000	462500	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	15.26	15.35	15.28	15.80

【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		15.40		15.80
10	PI/2 BPSK	1	26		15.26		15.80
10	PI/2 BPSK	1	50		15.41		15.80
10	PI/2 BPSK	25	0		15.32		15.80
10	PI/2 BPSK	25	14		15.33		15.80
10	PI/2 BPSK	25	27		15.31		15.80
10	PI/2 BPSK	50	0		15.31		15.80
10	QPSK	1	1		15.36		15.80
10	QPSK	1	26		15.28		15.80
10	QPSK	1	50		15.35		15.80
10	QPSK	25	0		15.34		15.80
10	QPSK	25	14		15.37		15.80
10	QPSK	25	27		15.37		15.80
10	QPSK	50	0		15.34		15.80
10	16QAM	1	1		15.53		15.80

10	64QAM	1	1		15.53		15.80
10	256QAM	1	1		15.35		15.80
Channel				461500	462000	462500	Tune-up limit
Frequency (MHz)				2307.5	2310	2312.5	(dBm)
5	PI/2 BPSK	1	1	15.26	15.35	15.28	15.80

【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		24.19		24.60
10	PI/2 BPSK	1	26		24.17		24.60
10	PI/2 BPSK	1	50		24.18		24.60
10	PI/2 BPSK	25	0		23.64		24.10
10	PI/2 BPSK	25	14		24.13		24.60
10	PI/2 BPSK	25	27		23.60		24.10
10	PI/2 BPSK	50	0		23.60		24.10
10	QPSK	1	1		24.05		24.60
10	QPSK	1	26		24.14		24.60
10	QPSK	1	50		24.13		24.60
10	QPSK	25	0		23.13		23.60
10	QPSK	25	14		24.18		24.60
10	QPSK	25	27		23.12		23.60
10	QPSK	50	0		23.14		23.60
10	16QAM	1	1		23.32		23.60
10	64QAM	1	1		22.01		22.10
10	256QAM	1	1		19.63		20.10
Channel				461500	462000	462500	Tune-up limit
Frequency (MHz)				2307.5	2310	2312.5	(dBm)
5	PI/2 BPSK	1	1	24.12	24.15	24.10	24.60

【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		24.19		24.60
10	PI/2 BPSK	1	26		24.17		24.60
10	PI/2 BPSK	1	50		24.18		24.60
10	PI/2 BPSK	25	0		23.64		24.10
10	PI/2 BPSK	25	14		24.13		24.60
10	PI/2 BPSK	25	27		23.60		24.10
10	PI/2 BPSK	50	0		23.60		24.10
10	QPSK	1	1		24.05		24.60
10	QPSK	1	26		24.14		24.60
10	QPSK	1	50		24.13		24.60
10	QPSK	25	0		23.13		23.60
10	QPSK	25	14		24.18		24.60
10	QPSK	25	27		23.12		23.60
10	QPSK	50	0		23.14		23.60
10	16QAM	1	1		23.32		23.60
10	64QAM	1	1		22.01		22.10
10	256QAM	1	1		19.63		20.10
Channel				461500	462000	462500	Tune-up limit
Frequency (MHz)				2307.5	2310	2312.5	(dBm)
5	PI/2 BPSK	1	1	24.12	24.15	24.10	24.60

【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		17.90		19.40
10	PI/2 BPSK	1	26		17.81		19.40
10	PI/2 BPSK	1	50		17.88		19.40
10	PI/2 BPSK	25	0		17.85		19.40
10	PI/2 BPSK	25	14		17.85		19.40
10	PI/2 BPSK	25	27		17.85		19.40
10	PI/2 BPSK	50	0		17.85		19.40
10	QPSK	1	1		17.85		19.40
10	QPSK	1	26		17.78		19.40
10	QPSK	1	50		17.77		19.40
10	QPSK	25	0		17.85		19.40
10	QPSK	25	14		17.90		19.40
10	QPSK	25	27		17.88		19.40
10	QPSK	50	0		17.90		19.40
10	16QAM	1	1		17.92		19.40
10	64QAM	1	1		18.00		19.40
10	256QAM	1	1		17.93		19.40
Channel				461500	462000	462500	Tune-up limit
Frequency (MHz)				2307.5	2310	2312.5	(dBm)
5	PI/2 BPSK	1	1	17.88	17.86	17.76	19.40

【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		17.90		18.00
10	PI/2 BPSK	1	26		17.81		18.00
10	PI/2 BPSK	1	50		17.88		18.00
10	PI/2 BPSK	25	0		17.85		18.00
10	PI/2 BPSK	25	14		17.85		18.00
10	PI/2 BPSK	25	27		17.85		18.00
10	PI/2 BPSK	50	0		17.85		18.00
10	QPSK	1	1		17.85		18.00
10	QPSK	1	26		17.78		18.00
10	QPSK	1	50		17.77		18.00
10	QPSK	25	0		17.85		18.00
10	QPSK	25	14		17.90		18.00
10	QPSK	25	27		17.88		18.00
10	QPSK	50	0		17.90		18.00
10	16QAM	1	1		17.92		18.00
10	64QAM	1	1		18.00		18.00
10	256QAM	1	1		17.93		18.00
Channel				461500	462000	462500	Tune-up limit
Frequency (MHz)				2307.5	2310	2312.5	(dBm)
5	PI/2 BPSK	1	1	17.88	17.86	17.76	18.00

【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		17.90		18.00
10	PI/2 BPSK	1	26		17.81		18.00
10	PI/2 BPSK	1	50		17.88		18.00
10	PI/2 BPSK	25	0		17.85		18.00
10	PI/2 BPSK	25	14		17.85		18.00
10	PI/2 BPSK	25	27		17.85		18.00
10	PI/2 BPSK	50	0		17.85		18.00
10	QPSK	1	1		17.85		18.00
10	QPSK	1	26		17.78		18.00
10	QPSK	1	50		17.77		18.00
10	QPSK	25	0		17.85		18.00
10	QPSK	25	14		17.90		18.00
10	QPSK	25	27		17.88		18.00
10	QPSK	50	0		17.90		18.00
10	16QAM	1	1		17.92		18.00
10	64QAM	1	1		18.00		18.00
10	256QAM	1	1		17.93		18.00

Channel				461500	462000	462500	Tune-up limit
Frequency (MHz)				2307.5	2310	2312.5	(dBm)
5	PI/2 BPSK	1	1	17.88	17.86	17.76	18.00

【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	24.30	24.27	24.16	24.70
40	PI/2 BPSK	1	53	24.15	24.24	24.05	24.70
40	PI/2 BPSK	1	104	24.21	24.25	24.07	24.70
40	PI/2 BPSK	50	0	23.59	23.70	23.51	23.70
40	PI/2 BPSK	50	28	24.01	24.04	23.83	24.70
40	PI/2 BPSK	50	56	23.55	23.67	23.44	23.70
40	PI/2 BPSK	100	0	23.68	23.70	23.51	23.70
40	QPSK	1	1	24.29	24.28	24.04	24.90
40	QPSK	1	53	24.15	24.23	24.10	24.90
40	QPSK	1	104	24.28	24.26	24.06	24.90
40	QPSK	50	0	23.34	23.33	23.09	23.90
40	QPSK	50	28	24.00	24.01	23.86	24.90
40	QPSK	50	56	23.25	23.25	23.10	23.90
40	QPSK	100	0	23.23	23.31	23.06	23.90
40	16QAM	1	1	23.66	23.65	23.46	23.90
40	64QAM	1	1	21.70	21.79	21.65	22.40
40	256QAM	1	1	19.91	20.00	19.83	20.40
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	QPSK	1	1	24.29	24.19	24.08	24.90
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	QPSK	1	1	24.25	24.14	24.12	24.90
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	1	24.29	24.21	24.12	24.90
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	1	24.20	24.18	24.07	24.90
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	1	24.21	24.26	24.07	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	24.30	24.27	24.16	24.70
40	PI/2 BPSK	1	53	24.15	24.24	24.05	24.70
40	PI/2 BPSK	1	104	24.21	24.25	24.07	24.70
40	PI/2 BPSK	50	0	23.59	23.70	23.51	23.70
40	PI/2 BPSK	50	28	24.01	24.04	23.83	24.70
40	PI/2 BPSK	50	56	23.55	23.67	23.44	23.70
40	PI/2 BPSK	100	0	23.68	23.70	23.51	23.70
40	QPSK	1	1	24.29	24.28	24.04	24.90
40	QPSK	1	53	24.15	24.23	24.10	24.90
40	QPSK	1	104	24.28	24.26	24.06	24.90
40	QPSK	50	0	23.34	23.33	23.09	23.90
40	QPSK	50	28	24.00	24.01	23.86	24.90
40	QPSK	50	56	23.25	23.25	23.10	23.90
40	QPSK	100	0	23.23	23.31	23.06	23.90
40	16QAM	1	1	23.66	23.65	23.46	23.90
40	64QAM	1	1	21.70	21.79	21.65	22.40
40	256QAM	1	1	19.91	20.00	19.83	20.40
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	

30	QPSK	1	1	24.29	24.19	24.08	24.90
Channel				516500	519000	521500	Tune-up limit
Frequency (MHz)				2582.5	2595	2607.5	(dBm)
25	QPSK	1	1	24.25	24.14	24.12	24.90
Channel				516000	519000	522000	Tune-up limit
Frequency (MHz)				2580	2595	2610	(dBm)
20	QPSK	1	1	24.29	24.21	24.12	24.90
Channel				515500	519000	522500	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	QPSK	1	1	24.20	24.18	24.07	24.90
Channel				515000	519000	523000	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	QPSK	1	1	24.21	24.26	24.07	24.90

【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	17.03	17.07	16.82	17.80
40	PI/2 BPSK	1	53	16.87	17.05	16.89	17.80
40	PI/2 BPSK	1	104	16.93	17.03	16.81	17.80
40	PI/2 BPSK	50	0	16.98	17.09	16.78	17.80
40	PI/2 BPSK	50	28	16.90	17.00	16.81	17.80
40	PI/2 BPSK	50	56	16.84	16.95	16.92	17.80
40	PI/2 BPSK	100	0	16.81	17.06	16.88	17.80
40	QPSK	1	1	16.69	16.86	16.91	17.80
40	QPSK	1	53	16.94	16.90	16.95	17.80
40	QPSK	1	104	16.86	17.05	17.00	17.80
40	QPSK	50	0	16.91	17.02	17.02	17.80
40	QPSK	50	28	16.79	16.92	16.99	17.80
40	QPSK	50	56	16.79	16.88	17.00	17.80
40	QPSK	100	0	16.82	17.12	16.82	17.80
40	16QAM	1	1	16.77	16.96	16.96	17.80
40	64QAM	1	1	16.71	16.80	16.67	17.80
40	256QAM	1	1	16.81	16.94	17.08	17.80
Channel				517000	519000	521000	Tune-up limit
Frequency (MHz)				2585	2595	2605	(dBm)
30	PI/2 BPSK	1	1	16.99	17.03	16.67	17.80
Channel				516500	519000	521500	Tune-up limit
Frequency (MHz)				2582.5	2595	2607.5	(dBm)
25	PI/2 BPSK	1	1	16.94	17.04	16.74	17.80
Channel				516000	519000	522000	Tune-up limit
Frequency (MHz)				2580	2595	2610	(dBm)
20	PI/2 BPSK	1	1	16.92	16.97	16.69	17.80
Channel				515500	519000	522500	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	PI/2 BPSK	1	1	16.96	17.00	16.70	17.80
Channel				515000	519000	523000	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	PI/2 BPSK	1	1	16.94	17.05	16.75	17.80

【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	16.02	16.07	16.05	16.10
40	PI/2 BPSK	1	53	16.01	16.10	15.95	16.10
40	PI/2 BPSK	1	104	15.98	16.09	16.05	16.10
40	PI/2 BPSK	50	0	15.81	15.88	15.82	16.10
40	PI/2 BPSK	50	28	15.72	15.89	15.80	16.10
40	PI/2 BPSK	50	56	15.72	15.87	15.84	16.10
40	PI/2 BPSK	100	0	15.68	15.86	15.73	16.10
40	QPSK	1	1	15.89	16.06	15.92	16.10
40	QPSK	1	53	15.91	16.09	16.00	16.10
40	QPSK	1	104	15.90	16.08	16.05	16.10
40	QPSK	50	0	15.73	15.83	15.79	16.10
40	QPSK	50	28	15.66	15.85	15.78	16.10
40	QPSK	50	56	15.72	15.81	15.70	16.10

40	QPSK	100	0	15.68	15.79	15.68	16.10
40	16QAM	1	1	15.94	16.05	16.00	16.10
40	64QAM	1	1	15.50	15.53	15.52	16.10
40	256QAM	1	1	15.51	15.57	15.55	16.10
Channel				517000	519000	521000	Tune-up limit
Frequency (MHz)				2585	2595	2605	(dBm)
30	PI/2 BPSK	1	1	15.87	15.93	15.93	16.10
Channel				516500	519000	521500	Tune-up limit
Frequency (MHz)				2582.5	2595	2607.5	(dBm)
25	PI/2 BPSK	1	1	15.94	16.04	15.94	16.10
Channel				516000	519000	522000	Tune-up limit
Frequency (MHz)				2580	2595	2610	(dBm)
20	PI/2 BPSK	1	1	15.89	16.04	15.93	16.10
Channel				515500	519000	522500	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	PI/2 BPSK	1	1	16.00	15.95	16.00	16.10
Channel				515000	519000	523000	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	PI/2 BPSK	1	1	15.87	15.98	15.92	16.10

【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	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	16.02	16.07	16.05	16.10
40	PI/2 BPSK	1	53	16.01	16.10	15.95	16.10
40	PI/2 BPSK	1	104	15.98	16.09	16.05	16.10
40	PI/2 BPSK	50	0	15.81	15.88	15.82	16.10
40	PI/2 BPSK	50	28	15.72	15.89	15.80	16.10
40	PI/2 BPSK	50	56	15.72	15.87	15.84	16.10
40	PI/2 BPSK	100	0	15.68	15.86	15.73	16.10
40	QPSK	1	1	15.89	16.06	15.92	16.10
40	QPSK	1	53	15.91	16.09	16.00	16.10
40	QPSK	1	104	15.90	16.08	16.05	16.10
40	QPSK	50	0	15.73	15.83	15.79	16.10
40	QPSK	50	28	15.66	15.85	15.78	16.10
40	QPSK	50	56	15.72	15.81	15.70	16.10
40	QPSK	100	0	15.68	15.79	15.68	16.10
40	16QAM	1	1	15.94	16.05	16.00	16.10
40	64QAM	1	1	15.50	15.53	15.52	16.10
40	256QAM	1	1	15.51	15.57	15.55	16.10
Channel				517000	519000	521000	Tune-up limit
Frequency (MHz)				2585	2595	2605	(dBm)
30	PI/2 BPSK	1	1	15.87	15.93	15.93	16.10
Channel				516500	519000	521500	Tune-up limit
Frequency (MHz)				2582.5	2595	2607.5	(dBm)
25	PI/2 BPSK	1	1	15.94	16.04	15.94	16.10
Channel				516000	519000	522000	Tune-up limit
Frequency (MHz)				2580	2595	2610	(dBm)
20	PI/2 BPSK	1	1	15.89	16.04	15.93	16.10
Channel				515500	519000	522500	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	PI/2 BPSK	1	1	16.00	15.95	16.00	16.10
Channel				515000	519000	523000	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	PI/2 BPSK	1	1	15.87	15.98	15.92	16.10

【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	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	17.26	17.25	17.22	18.50
40	PI/2 BPSK	1	53	17.26	17.30	17.22	18.50
40	PI/2 BPSK	1	104	17.20	17.25	17.13	18.50

40	PI/2 BPSK	50	0	17.13	17.16	17.10	18.50
40	PI/2 BPSK	50	28	17.24	17.30	17.14	18.50
40	PI/2 BPSK	50	56	17.14	17.17	17.08	18.50
40	PI/2 BPSK	100	0	17.15	17.28	17.15	18.50
40	QPSK	1	1	17.14	17.25	17.14	18.50
40	QPSK	1	53	17.26	17.29	17.20	18.50
40	QPSK	1	104	17.15	17.25	17.13	18.50
40	QPSK	50	0	17.14	17.17	17.07	18.50
40	QPSK	50	28	17.22	17.29	17.11	18.50
40	QPSK	50	56	17.06	17.18	17.13	18.50
40	QPSK	100	0	17.17	17.27	17.13	18.50
40	16QAM	1	1	17.15	17.25	17.15	18.50
40	64QAM	1	1	16.90	17.03	16.96	18.50
40	256QAM	1	1	16.91	17.02	16.92	18.50
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	17.18	17.20	17.15	18.50
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	17.25	17.11	17.15	18.50
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	17.13	17.20	17.16	18.50
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	17.16	17.12	17.11	18.50
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	17.19	17.16	17.18	18.50

【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	17.26	17.25	17.22	17.80
40	PI/2 BPSK	1	53	17.26	17.30	17.22	17.80
40	PI/2 BPSK	1	104	17.20	17.25	17.13	17.80
40	PI/2 BPSK	50	0	17.13	17.16	17.10	17.80
40	PI/2 BPSK	50	28	17.24	17.30	17.14	17.80
40	PI/2 BPSK	50	56	17.14	17.17	17.08	17.80
40	PI/2 BPSK	100	0	17.15	17.28	17.15	17.80
40	QPSK	1	1	17.14	17.25	17.14	17.80
40	QPSK	1	53	17.26	17.29	17.20	17.80
40	QPSK	1	104	17.15	17.25	17.13	17.80
40	QPSK	50	0	17.14	17.17	17.07	17.80
40	QPSK	50	28	17.22	17.29	17.11	17.80
40	QPSK	50	56	17.06	17.18	17.13	17.80
40	QPSK	100	0	17.17	17.27	17.13	17.80
40	16QAM	1	1	17.15	17.25	17.15	17.80
40	64QAM	1	1	16.90	17.03	16.96	17.80
40	256QAM	1	1	16.91	17.02	16.92	17.80
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	17.18	17.20	17.15	17.80
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	17.25	17.11	17.15	17.80
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	17.13	17.20	17.16	17.80
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	17.16	17.12	17.11	17.80
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	17.19	17.16	17.18	17.80

【FR1 n38_Ant 1_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low	Power Middle	Power High	Tune-up limit (dBm)
----------	------------	---------	-----------	-----------	--------------	------------	---------------------

				Ch. / Freq.	Ch. / Freq.	Ch. / Freq.	
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	19.48	19.58	19.56	20.30
40	PI/2 BPSK	1	53	19.42	19.60	19.47	20.30
40	PI/2 BPSK	1	104	19.29	19.49	19.35	20.30
40	PI/2 BPSK	50	0	19.29	19.55	19.20	20.30
40	PI/2 BPSK	50	28	19.36	19.58	19.35	20.30
40	PI/2 BPSK	50	56	19.31	19.42	19.13	20.30
40	PI/2 BPSK	100	0	19.30	19.35	19.27	20.30
40	QPSK	1	1	19.22	19.46	19.27	20.30
40	QPSK	1	53	19.51	19.60	19.58	20.30
40	QPSK	1	104	19.29	19.36	19.33	20.30
40	QPSK	50	0	19.34	19.46	19.43	20.30
40	QPSK	50	28	19.31	19.52	19.32	20.30
40	QPSK	50	56	19.17	19.24	19.26	20.30
40	QPSK	100	0	19.27	19.54	19.25	20.30
40	16QAM	1	1	19.58	19.68	19.53	20.30
40	64QAM	1	1	19.26	19.47	19.33	20.30
40	256QAM	1	1	19.45	19.65	19.59	20.30
Channel				517000	519000	521000	Tune-up limit
Frequency (MHz)				2585	2595	2605	(dBm)
30	PI/2 BPSK	1	1	19.38	19.45	19.55	20.30
Channel				516500	519000	521500	Tune-up limit
Frequency (MHz)				2582.5	2595	2607.5	(dBm)
25	PI/2 BPSK	1	1	19.44	19.51	19.53	20.30
Channel				516000	519000	522000	Tune-up limit
Frequency (MHz)				2580	2595	2610	(dBm)
20	PI/2 BPSK	1	1	19.35	19.45	19.54	20.30
Channel				515500	519000	522500	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	PI/2 BPSK	1	1	19.46	19.55	19.43	20.30
Channel				515000	519000	523000	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	PI/2 BPSK	1	1	19.35	19.53	19.48	20.30

【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	17.26	17.25	17.22	17.30
40	PI/2 BPSK	1	53	17.26	17.30	17.22	17.30
40	PI/2 BPSK	1	104	17.20	17.25	17.13	17.30
40	PI/2 BPSK	50	0	17.13	17.16	17.10	17.30
40	PI/2 BPSK	50	28	17.24	17.30	17.14	17.30
40	PI/2 BPSK	50	56	17.14	17.17	17.08	17.30
40	PI/2 BPSK	100	0	17.15	17.28	17.15	17.30
40	QPSK	1	1	17.14	17.25	17.14	17.30
40	QPSK	1	53	17.26	17.29	17.20	17.30
40	QPSK	1	104	17.15	17.25	17.13	17.30
40	QPSK	50	0	17.14	17.17	17.07	17.30
40	QPSK	50	28	17.22	17.29	17.11	17.30
40	QPSK	50	56	17.06	17.18	17.13	17.30
40	QPSK	100	0	17.17	17.27	17.13	17.30
40	16QAM	1	1	17.15	17.25	17.15	17.30
40	64QAM	1	1	16.90	17.03	16.96	17.30
40	256QAM	1	1	16.91	17.02	16.92	17.30
Channel				517000	519000	521000	Tune-up limit
Frequency (MHz)				2585	2595	2605	(dBm)
30	PI/2 BPSK	1	1	17.18	17.20	17.15	17.30
Channel				516500	519000	521500	Tune-up limit
Frequency (MHz)				2582.5	2595	2607.5	(dBm)
25	PI/2 BPSK	1	1	17.25	17.11	17.15	17.30
Channel				516000	519000	522000	Tune-up limit
Frequency (MHz)				2580	2595	2610	(dBm)
20	PI/2 BPSK	1	1	17.13	17.20	17.16	17.30
Channel				515500	519000	522500	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	PI/2 BPSK	1	1	17.16	17.12	17.11	17.30
Channel				515000	519000	523000	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	PI/2 BPSK	1	1	17.19	17.16	17.18	17.30

【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	17.26	17.25	17.22	17.30
40	PI/2 BPSK	1	53	17.26	17.30	17.22	17.30
40	PI/2 BPSK	1	104	17.20	17.25	17.13	17.30
40	PI/2 BPSK	50	0	17.13	17.16	17.10	17.30
40	PI/2 BPSK	50	28	17.24	17.30	17.14	17.30
40	PI/2 BPSK	50	56	17.14	17.17	17.08	17.30
40	PI/2 BPSK	100	0	17.15	17.28	17.15	17.30
40	QPSK	1	1	17.14	17.25	17.14	17.30
40	QPSK	1	53	17.26	17.29	17.20	17.30
40	QPSK	1	104	17.15	17.25	17.13	17.30
40	QPSK	50	0	17.14	17.17	17.07	17.30
40	QPSK	50	28	17.22	17.29	17.11	17.30
40	QPSK	50	56	17.06	17.18	17.13	17.30
40	QPSK	100	0	17.17	17.27	17.13	17.30
40	16QAM	1	1	17.15	17.25	17.15	17.30
40	64QAM	1	1	16.90	17.03	16.96	17.30
40	256QAM	1	1	16.91	17.02	16.92	17.30
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	17.18	17.20	17.15	17.30
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	17.25	17.11	17.15	17.30
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	17.13	17.20	17.16	17.30
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	17.16	17.12	17.11	17.30
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	17.19	17.16	17.18	17.30

【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	23.26	23.21	23.13	23.80
40	PI/2 BPSK	1	53	23.25	23.30	23.13	23.80
40	PI/2 BPSK	1	104	23.21	23.20	23.04	23.80
40	PI/2 BPSK	50	0	23.08	23.10	22.99	23.80
40	PI/2 BPSK	50	28	23.12	23.13	23.01	23.80
40	PI/2 BPSK	50	56	23.11	23.13	22.98	23.80
40	PI/2 BPSK	100	0	23.14	23.16	22.97	23.80
40	QPSK	1	1	23.10	23.17	23.02	23.80
40	QPSK	1	53	23.20	23.27	23.07	23.80
40	QPSK	1	104	23.07	23.17	22.96	23.80
40	QPSK	50	0	23.09	23.12	23.02	23.80
40	QPSK	50	28	23.13	23.11	22.97	23.80
40	QPSK	50	56	23.12	23.10	22.88	23.80
40	QPSK	100	0	23.12	23.16	23.05	23.80
40	16QAM	1	1	23.25	23.40	23.12	23.80
40	64QAM	1	1	21.74	21.75	21.59	22.50
40	256QAM	1	1	19.89	19.94	19.82	20.50
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	23.20	23.12	23.12	23.80
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	23.23	23.16	23.04	23.80

Channel				516000	519000	522000	Tune-up limit
Frequency (MHz)				2580	2595	2610	(dBm)
20	PI/2 BPSK	1	1	23.16	23.15	23.07	23.80
Channel				515500	519000	522500	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	PI/2 BPSK	1	1	23.20	23.09	23.05	23.80
Channel				515000	519000	523000	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	PI/2 BPSK	1	1	23.12	23.18	23.01	23.80

【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	23.26	23.21	23.13	23.40
40	PI/2 BPSK	1	53	23.25	23.30	23.13	23.40
40	PI/2 BPSK	1	104	23.21	23.20	23.04	23.40
40	PI/2 BPSK	50	0	23.08	23.10	22.99	23.40
40	PI/2 BPSK	50	28	23.12	23.13	23.01	23.40
40	PI/2 BPSK	50	56	23.11	23.13	22.98	23.40
40	PI/2 BPSK	100	0	23.14	23.16	22.97	23.40
40	QPSK	1	1	23.10	23.17	23.02	23.40
40	QPSK	1	53	23.20	23.27	23.07	23.40
40	QPSK	1	104	23.07	23.17	22.96	23.40
40	QPSK	50	0	23.09	23.12	23.02	23.40
40	QPSK	50	28	23.13	23.11	22.97	23.40
40	QPSK	50	56	23.12	23.10	22.88	23.40
40	QPSK	100	0	23.12	23.16	23.05	23.40
40	16QAM	1	1	23.25	23.40	23.12	23.40
40	64QAM	1	1	21.74	21.75	21.59	22.50
40	256QAM	1	1	19.89	19.94	19.82	20.50
Channel				517000	519000	521000	Tune-up limit
Frequency (MHz)				2585	2595	2605	(dBm)
30	PI/2 BPSK	1	1	23.20	23.12	23.12	23.40
Channel				516500	519000	521500	Tune-up limit
Frequency (MHz)				2582.5	2595	2607.5	(dBm)
25	PI/2 BPSK	1	1	23.23	23.16	23.04	23.40
Channel				516000	519000	522000	Tune-up limit
Frequency (MHz)				2580	2595	2610	(dBm)
20	PI/2 BPSK	1	1	23.16	23.15	23.07	23.40
Channel				515500	519000	522500	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	PI/2 BPSK	1	1	23.20	23.09	23.05	23.40
Channel				515000	519000	523000	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	PI/2 BPSK	1	1	23.12	23.18	23.01	23.40

【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	16.92	16.95	16.96	18.70
40	PI/2 BPSK	1	53	16.92	17.03	16.94	18.70
40	PI/2 BPSK	1	104	16.86	16.98	16.84	18.70
40	PI/2 BPSK	50	0	16.62	16.74	16.65	18.70
40	PI/2 BPSK	50	28	16.69	16.75	16.67	18.70
40	PI/2 BPSK	50	56	16.60	16.70	16.62	18.70
40	PI/2 BPSK	100	0	16.71	16.75	16.68	18.70
40	QPSK	1	1	16.90	16.95	16.87	18.70
40	QPSK	1	53	16.92	17.03	16.95	18.70
40	QPSK	1	104	16.83	16.98	16.85	18.70
40	QPSK	50	0	16.67	16.73	16.66	18.70
40	QPSK	50	28	16.61	16.75	16.72	18.70
40	QPSK	50	56	16.66	16.70	16.67	18.70
40	QPSK	100	0	16.68	16.74	16.62	18.70
40	16QAM	1	1	16.83	16.90	16.80	18.70
40	64QAM	1	1	16.50	16.56	16.50	18.70
40	256QAM	1	1	16.88	16.94	16.84	18.70

Channel				517000	519000	521000	Tune-up limit
Frequency (MHz)				2585	2595	2605	(dBm)
30	PI/2 BPSK	1	1	16.90	16.90	16.95	18.70
Channel				516500	519000	521500	Tune-up limit
Frequency (MHz)				2582.5	2595	2607.5	(dBm)
25	PI/2 BPSK	1	1	16.84	16.85	16.86	18.70
Channel				516000	519000	522000	Tune-up limit
Frequency (MHz)				2580	2595	2610	(dBm)
20	PI/2 BPSK	1	1	16.83	16.92	16.93	18.70
Channel				515500	519000	522500	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	PI/2 BPSK	1	1	16.87	16.91	16.93	18.70
Channel				515000	519000	523000	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	PI/2 BPSK	1	1	16.88	16.83	16.86	18.70

【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	16.92	16.95	16.96	17.10
40	PI/2 BPSK	1	53	16.92	17.03	16.94	17.10
40	PI/2 BPSK	1	104	16.86	16.98	16.84	17.10
40	PI/2 BPSK	50	0	16.62	16.74	16.65	17.10
40	PI/2 BPSK	50	28	16.69	16.75	16.67	17.10
40	PI/2 BPSK	50	56	16.60	16.70	16.62	17.10
40	PI/2 BPSK	100	0	16.71	16.75	16.68	17.10
40	QPSK	1	1	16.90	16.95	16.87	17.10
40	QPSK	1	53	16.92	17.03	16.95	17.10
40	QPSK	1	104	16.83	16.98	16.85	17.10
40	QPSK	50	0	16.67	16.73	16.66	17.10
40	QPSK	50	28	16.61	16.75	16.72	17.10
40	QPSK	50	56	16.66	16.70	16.67	17.10
40	QPSK	100	0	16.68	16.74	16.62	17.10
40	16QAM	1	1	16.83	16.90	16.80	17.10
40	64QAM	1	1	16.50	16.56	16.50	17.10
40	256QAM	1	1	16.88	16.94	16.84	17.10
Channel				517000	519000	521000	Tune-up limit
Frequency (MHz)				2585	2595	2605	(dBm)
30	PI/2 BPSK	1	1	16.90	16.90	16.95	17.10
Channel				516500	519000	521500	Tune-up limit
Frequency (MHz)				2582.5	2595	2607.5	(dBm)
25	PI/2 BPSK	1	1	16.84	16.85	16.86	17.10
Channel				516000	519000	522000	Tune-up limit
Frequency (MHz)				2580	2595	2610	(dBm)
20	PI/2 BPSK	1	1	16.83	16.92	16.93	17.10
Channel				515500	519000	522500	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	PI/2 BPSK	1	1	16.87	16.91	16.93	17.10
Channel				515000	519000	523000	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	PI/2 BPSK	1	1	16.88	16.83	16.86	17.10

【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	16.92	16.95	16.96	17.10
40	PI/2 BPSK	1	53	16.92	17.03	16.94	17.10
40	PI/2 BPSK	1	104	16.86	16.98	16.84	17.10
40	PI/2 BPSK	50	0	16.62	16.74	16.65	17.10
40	PI/2 BPSK	50	28	16.69	16.75	16.67	17.10
40	PI/2 BPSK	50	56	16.60	16.70	16.62	17.10
40	PI/2 BPSK	100	0	16.71	16.75	16.68	17.10
40	QPSK	1	1	16.90	16.95	16.87	17.10
40	QPSK	1	53	16.92	17.03	16.95	17.10
40	QPSK	1	104	16.83	16.98	16.85	17.10
40	QPSK	50	0	16.67	16.73	16.66	17.10

40	QPSK	50	28	16.61	16.75	16.72	17.10
40	QPSK	50	56	16.66	16.70	16.67	17.10
40	QPSK	100	0	16.68	16.74	16.62	17.10
40	16QAM	1	1	16.83	16.90	16.80	17.10
40	64QAM	1	1	16.50	16.56	16.50	17.10
40	256QAM	1	1	16.88	16.94	16.84	17.10
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	16.90	16.90	16.95	17.10
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	16.84	16.85	16.86	17.10
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	16.83	16.92	16.93	17.10
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	16.87	16.91	16.93	17.10
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	16.88	16.83	16.86	17.10

【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	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	15.60	15.62	15.58	16.30
40	PI/2 BPSK	1	53	15.58	15.71	15.57	16.30
40	PI/2 BPSK	1	104	15.59	15.66	15.57	16.30
40	PI/2 BPSK	50	0	15.37	15.49	15.31	16.30
40	PI/2 BPSK	50	28	15.38	15.53	15.38	16.30
40	PI/2 BPSK	50	56	15.33	15.48	15.30	16.30
40	PI/2 BPSK	100	0	15.46	15.50	15.38	16.30
40	QPSK	1	1	15.47	15.58	15.43	16.30
40	QPSK	1	53	15.47	15.62	15.43	16.30
40	QPSK	1	104	15.48	15.63	15.46	16.30
40	QPSK	50	0	15.38	15.48	15.43	16.30
40	QPSK	50	28	15.34	15.45	15.35	16.30
40	QPSK	50	56	15.34	15.46	15.31	16.30
40	QPSK	100	0	15.37	15.48	15.32	16.30
40	16QAM	1	1	15.59	15.67	15.57	16.30
40	64QAM	1	1	15.35	15.36	15.36	16.30
40	256QAM	1	1	15.33	15.34	15.32	16.30
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	15.50	15.56	15.48	16.30
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	15.54	15.58	15.44	16.30
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	15.51	15.53	15.53	16.30
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	15.49	15.49	15.51	16.30
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	15.52	15.48	15.55	16.30

【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	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	15.60	15.62	15.58	16.30
40	PI/2 BPSK	1	53	15.58	15.71	15.57	16.30

40	PI/2 BPSK	1	104	15.59	15.66	15.57	16.30
40	PI/2 BPSK	50	0	15.37	15.49	15.31	16.30
40	PI/2 BPSK	50	28	15.38	15.53	15.38	16.30
40	PI/2 BPSK	50	56	15.33	15.48	15.30	16.30
40	PI/2 BPSK	100	0	15.46	15.50	15.38	16.30
40	QPSK	1	1	15.47	15.58	15.43	16.30
40	QPSK	1	53	15.47	15.62	15.43	16.30
40	QPSK	1	104	15.48	15.63	15.46	16.30
40	QPSK	50	0	15.38	15.48	15.43	16.30
40	QPSK	50	28	15.34	15.45	15.35	16.30
40	QPSK	50	56	15.34	15.46	15.31	16.30
40	QPSK	100	0	15.37	15.48	15.32	16.30
40	16QAM	1	1	15.59	15.67	15.57	16.30
40	64QAM	1	1	15.35	15.36	15.36	16.30
40	256QAM	1	1	15.33	15.34	15.32	16.30
Channel				517000	519000	521000	Tune-up limit
Frequency (MHz)				2585	2595	2605	(dBm)
30	PI/2 BPSK	1	1	15.50	15.56	15.48	16.30
Channel				516500	519000	521500	Tune-up limit
Frequency (MHz)				2582.5	2595	2607.5	(dBm)
25	PI/2 BPSK	1	1	15.54	15.58	15.44	16.30
Channel				516000	519000	522000	Tune-up limit
Frequency (MHz)				2580	2595	2610	(dBm)
20	PI/2 BPSK	1	1	15.51	15.53	15.53	16.30
Channel				515500	519000	522500	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	PI/2 BPSK	1	1	15.49	15.49	15.51	16.30
Channel				515000	519000	523000	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	PI/2 BPSK	1	1	15.52	15.48	15.55	16.30

【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	16.13	16.13	16.09	17.90
40	PI/2 BPSK	1	53	16.11	16.24	16.07	17.90
40	PI/2 BPSK	1	104	16.11	16.22	16.08	17.90
40	PI/2 BPSK	50	0	15.94	16.01	15.92	17.90
40	PI/2 BPSK	50	28	16.06	16.07	15.99	17.90
40	PI/2 BPSK	50	56	15.91	16.04	15.94	17.90
40	PI/2 BPSK	100	0	16.00	16.04	15.95	17.90
40	QPSK	1	1	16.07	16.11	15.98	17.90
40	QPSK	1	53	16.12	16.20	16.09	17.90
40	QPSK	1	104	16.12	16.19	16.09	17.90
40	QPSK	50	0	15.94	16.01	15.90	17.90
40	QPSK	50	28	15.89	16.00	15.90	17.90
40	QPSK	50	56	15.86	16.01	15.88	17.90
40	QPSK	100	0	16.01	16.04	15.88	17.90
40	16QAM	1	1	16.09	16.18	15.99	17.90
40	64QAM	1	1	15.70	15.78	15.70	17.90
40	256QAM	1	1	15.70	15.78	15.72	17.90
Channel				517000	519000	521000	Tune-up limit
Frequency (MHz)				2585	2595	2605	(dBm)
30	PI/2 BPSK	1	1	15.98	16.07	16.07	17.90
Channel				516500	519000	521500	Tune-up limit
Frequency (MHz)				2582.5	2595	2607.5	(dBm)
25	PI/2 BPSK	1	1	16.10	16.02	15.94	17.90
Channel				516000	519000	522000	Tune-up limit
Frequency (MHz)				2580	2595	2610	(dBm)
20	PI/2 BPSK	1	1	16.10	15.98	15.96	17.90
Channel				515500	519000	522500	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	PI/2 BPSK	1	1	16.02	16.07	16.02	17.90
Channel				515000	519000	523000	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	PI/2 BPSK	1	1	16.01	16.11	15.96	17.90

【FR1 n38_Ant 5_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low	Power Middle	Power High	Tune-up limit (dBm)
----------	------------	---------	-----------	-----------	--------------	------------	------------------------

				Ch. / Freq.	Ch. / Freq.	Ch. / Freq.	
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	16.13	16.13	16.09	16.30
40	PI/2 BPSK	1	53	16.11	16.24	16.07	16.30
40	PI/2 BPSK	1	104	16.11	16.22	16.08	16.30
40	PI/2 BPSK	50	0	15.94	16.01	15.92	16.30
40	PI/2 BPSK	50	28	16.06	16.07	15.99	16.30
40	PI/2 BPSK	50	56	15.91	16.04	15.94	16.30
40	PI/2 BPSK	100	0	16.00	16.04	15.95	16.30
40	QPSK	1	1	16.07	16.11	15.98	16.30
40	QPSK	1	53	16.12	16.20	16.09	16.30
40	QPSK	1	104	16.12	16.19	16.09	16.30
40	QPSK	50	0	15.94	16.01	15.90	16.30
40	QPSK	50	28	15.89	16.00	15.90	16.30
40	QPSK	50	56	15.86	16.01	15.88	16.30
40	QPSK	100	0	16.01	16.04	15.88	16.30
40	16QAM	1	1	16.09	16.18	15.99	16.30
40	64QAM	1	1	15.70	15.78	15.70	16.30
40	256QAM	1	1	15.70	15.78	15.72	16.30
Channel				517000	519000	521000	Tune-up limit
Frequency (MHz)				2585	2595	2605	(dBm)
30	PI/2 BPSK	1	1	15.98	16.07	16.07	16.30
Channel				516500	519000	521500	Tune-up limit
Frequency (MHz)				2582.5	2595	2607.5	(dBm)
25	PI/2 BPSK	1	1	16.10	16.02	15.94	16.30
Channel				516000	519000	522000	Tune-up limit
Frequency (MHz)				2580	2595	2610	(dBm)
20	PI/2 BPSK	1	1	16.10	15.98	15.96	16.30
Channel				515500	519000	522500	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	PI/2 BPSK	1	1	16.02	16.07	16.02	16.30
Channel				515000	519000	523000	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	PI/2 BPSK	1	1	16.01	16.11	15.96	16.30

【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	16.13	16.13	16.09	16.30
40	PI/2 BPSK	1	53	16.11	16.24	16.07	16.30
40	PI/2 BPSK	1	104	16.11	16.22	16.08	16.30
40	PI/2 BPSK	50	0	15.94	16.01	15.92	16.30
40	PI/2 BPSK	50	28	16.06	16.07	15.99	16.30
40	PI/2 BPSK	50	56	15.91	16.04	15.94	16.30
40	PI/2 BPSK	100	0	16.00	16.04	15.95	16.30
40	QPSK	1	1	16.07	16.11	15.98	16.30
40	QPSK	1	53	16.12	16.20	16.09	16.30
40	QPSK	1	104	16.12	16.19	16.09	16.30
40	QPSK	50	0	15.94	16.01	15.90	16.30
40	QPSK	50	28	15.89	16.00	15.90	16.30
40	QPSK	50	56	15.86	16.01	15.88	16.30
40	QPSK	100	0	16.01	16.04	15.88	16.30
40	16QAM	1	1	16.09	16.18	15.99	16.30
40	64QAM	1	1	15.70	15.78	15.70	16.30
40	256QAM	1	1	15.70	15.78	15.72	16.30
Channel				517000	519000	521000	Tune-up limit
Frequency (MHz)				2585	2595	2605	(dBm)
30	PI/2 BPSK	1	1	15.98	16.07	16.07	16.30
Channel				516500	519000	521500	Tune-up limit
Frequency (MHz)				2582.5	2595	2607.5	(dBm)
25	PI/2 BPSK	1	1	16.10	16.02	15.94	16.30
Channel				516000	519000	522000	Tune-up limit
Frequency (MHz)				2580	2595	2610	(dBm)
20	PI/2 BPSK	1	1	16.10	15.98	15.96	16.30
Channel				515500	519000	522500	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	PI/2 BPSK	1	1	16.02	16.07	16.02	16.30
Channel				515000	519000	523000	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	PI/2 BPSK	1	1	16.01	16.11	15.96	16.30

【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)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	24.05	24.15	24.14	24.80
100	PI/2 BPSK	1	137	23.88	24.04	23.98	24.80
100	PI/2 BPSK	1	271	23.53	23.76	23.62	24.80
100	PI/2 BPSK	135	0	23.50	23.75	23.59	23.80
100	PI/2 BPSK	135	69	23.78	23.96	23.86	24.80
100	PI/2 BPSK	135	138	23.26	23.49	23.35	23.80
100	PI/2 BPSK	270	0	23.45	23.67	23.60	23.80
100	QPSK	1	1	24.04	24.15	24.10	25.00
100	QPSK	1	137	23.87	24.07	23.92	25.00
100	QPSK	1	271	23.63	23.79	23.73	25.00
100	QPSK	135	0	23.06	23.24	23.13	24.00
100	QPSK	135	69	23.90	24.04	24.01	25.00
100	QPSK	135	138	22.78	22.96	22.83	24.00
100	QPSK	270	0	22.97	23.18	23.13	24.00
100	16QAM	1	1	23.28	23.44	23.33	24.00
100	64QAM	1	1	21.39	21.61	21.53	22.50
100	256QAM	1	1	19.77	19.99	19.87	20.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	QPSK	1	1	24.00	24.11	24.11	25.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	QPSK	1	1	24.03	24.13	24.05	25.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	QPSK	1	1	23.91	24.09	24.03	25.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	QPSK	1	1	23.97	24.06	24.03	25.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	QPSK	1	1	24.00	24.09	24.05	25.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	QPSK	1	1	23.99	24.03	24.04	25.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	QPSK	1	1	23.90	24.09	24.12	25.00
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	QPSK	1	1	24.01	24.02	24.04	25.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	QPSK	1	1	23.96	24.13	24.01	25.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	QPSK	1	1	23.92	24.11	24.05	25.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	QPSK	1	1	23.97	24.04	24.07	25.00

【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	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	24.05	24.15	24.14	24.80
100	PI/2 BPSK	1	137	23.88	24.04	23.98	24.80
100	PI/2 BPSK	1	271	23.53	23.76	23.62	24.80
100	PI/2 BPSK	135	0	23.50	23.75	23.59	23.80
100	PI/2 BPSK	135	69	23.78	23.96	23.86	24.80

100	PI/2 BPSK	135	138	23.26	23.49	23.35	23.80
100	PI/2 BPSK	270	0	23.45	23.67	23.60	23.80
100	QPSK	1	1	24.04	24.15	24.10	25.00
100	QPSK	1	137	23.87	24.07	23.92	25.00
100	QPSK	1	271	23.63	23.79	23.73	25.00
100	QPSK	135	0	23.06	23.24	23.13	24.00
100	QPSK	135	69	23.90	24.04	24.01	25.00
100	QPSK	135	138	22.78	22.96	22.83	24.00
100	QPSK	270	0	22.97	23.18	23.13	24.00
100	16QAM	1	1	23.28	23.44	23.33	24.00
100	64QAM	1	1	21.39	21.61	21.53	22.50
100	256QAM	1	1	19.77	19.99	19.87	20.50
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	QPSK	1	1	24.00	24.11	24.11	25.00
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	QPSK	1	1	24.03	24.13	24.05	25.00
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	QPSK	1	1	23.91	24.09	24.03	25.00
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	QPSK	1	1	23.97	24.06	24.03	25.00
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	QPSK	1	1	24.00	24.09	24.05	25.00
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	QPSK	1	1	23.99	24.03	24.04	25.00
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	QPSK	1	1	23.90	24.09	24.12	25.00
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	QPSK	1	1	24.01	24.02	24.04	25.00
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	QPSK	1	1	23.96	24.13	24.01	25.00
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	QPSK	1	1	23.92	24.11	24.05	25.00
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	QPSK	1	1	23.97	24.04	24.07	25.00

【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	15.99	15.96	16.09	16.10
100	PI/2 BPSK	1	137	15.99	16.09	16.10	16.10
100	PI/2 BPSK	1	271	15.98	16.08	16.05	16.10
100	PI/2 BPSK	135	0	15.98	16.02	16.02	16.10
100	PI/2 BPSK	135	69	15.80	15.90	15.99	16.10
100	PI/2 BPSK	135	138	15.83	15.93	15.93	16.10
100	PI/2 BPSK	270	0	15.87	15.97	16.03	16.10
100	QPSK	1	1	15.92	15.96	16.06	16.10
100	QPSK	1	137	15.98	16.07	16.09	16.10
100	QPSK	1	271	15.98	16.05	16.09	16.10
100	QPSK	135	0	15.99	16.07	16.10	16.10
100	QPSK	135	69	15.84	15.96	16.03	16.10
100	QPSK	135	138	15.92	15.96	16.04	16.10
100	QPSK	270	0	15.89	15.93	15.99	16.10
100	16QAM	1	1	15.98	16.03	16.10	16.10
100	64QAM	1	1	15.65	15.66	15.70	16.10
100	256QAM	1	1	15.59	15.66	15.75	16.10
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	15.96	15.87	16.03	16.10
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	15.85	15.92	16.05	16.10

Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	15.91	15.86	16.00	16.10
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	15.94	15.85	16.03	16.10
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	15.87	15.90	15.96	16.10
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	15.94	15.95	16.06	16.10
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	15.87	15.89	16.06	16.10
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	15.97	15.93	15.96	16.10
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	15.92	15.82	16.04	16.10
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	15.94	15.83	16.04	16.10
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	15.88	15.89	16.08	16.10

【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	16.93	16.98	16.91	17.80
100	PI/2 BPSK	1	137	16.89	17.00	16.96	17.80
100	PI/2 BPSK	1	271	16.88	17.01	16.90	17.80
100	PI/2 BPSK	135	0	16.90	17.05	16.88	17.80
100	PI/2 BPSK	135	69	16.84	16.99	16.90	17.80
100	PI/2 BPSK	135	138	16.77	16.90	16.88	17.80
100	PI/2 BPSK	270	0	16.91	17.01	16.93	17.80
100	QPSK	1	1	16.73	16.93	16.83	17.80
100	QPSK	1	137	16.89	16.99	17.00	17.80
100	QPSK	1	271	16.87	17.01	16.90	17.80
100	QPSK	135	0	16.86	17.04	16.98	17.80
100	QPSK	135	69	16.79	17.00	16.93	17.80
100	QPSK	135	138	16.80	16.97	16.91	17.80
100	QPSK	270	0	16.88	17.02	16.91	17.80
100	16QAM	1	1	16.81	17.06	16.94	17.80
100	64QAM	1	1	16.75	16.87	16.76	17.80
100	256QAM	1	1	16.88	17.00	16.98	17.80
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	16.82	16.88	16.80	17.80
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	16.81	16.93	16.77	17.80
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	16.90	16.87	16.88	17.80
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	16.91	16.94	16.82	17.80
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	16.86	16.84	16.77	17.80
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	16.87	16.84	16.84	17.80
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	16.79	16.84	16.84	17.80
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	16.85	16.91	16.83	17.80

Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	16.85	16.97	16.78	17.80
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	16.85	16.91	16.77	17.80
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	16.83	16.84	16.77	17.80

【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	Tune-up limit
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	15.99	15.96	16.09	16.10
100	PI/2 BPSK	1	137	15.99	16.09	16.10	16.10
100	PI/2 BPSK	1	271	15.98	16.08	16.05	16.10
100	PI/2 BPSK	135	0	15.98	16.02	16.02	16.10
100	PI/2 BPSK	135	69	15.80	15.90	15.99	16.10
100	PI/2 BPSK	135	138	15.83	15.93	15.93	16.10
100	PI/2 BPSK	270	0	15.87	15.97	16.03	16.10
100	QPSK	1	1	15.92	15.96	16.06	16.10
100	QPSK	1	137	15.98	16.07	16.09	16.10
100	QPSK	1	271	15.98	16.05	16.09	16.10
100	QPSK	135	0	15.99	16.07	16.10	16.10
100	QPSK	135	69	15.84	15.96	16.03	16.10
100	QPSK	135	138	15.92	15.96	16.04	16.10
100	QPSK	270	0	15.89	15.93	15.99	16.10
100	16QAM	1	1	15.98	16.03	16.10	16.10
100	64QAM	1	1	15.65	15.66	15.70	16.10
100	256QAM	1	1	15.59	15.66	15.75	16.10
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	15.96	15.87	16.03	16.10
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	15.85	15.92	16.05	16.10
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	15.91	15.86	16.00	16.10
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	15.94	15.85	16.03	16.10
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	15.87	15.90	15.96	16.10
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	15.94	15.95	16.06	16.10
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	15.87	15.89	16.06	16.10
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	15.97	15.93	15.96	16.10
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	15.92	15.82	16.04	16.10
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	15.94	15.83	16.04	16.10
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	15.88	15.89	16.08	16.10

【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	25.96	26.04	26.09	26.90
100	PI/2 BPSK	1	137	25.82	26.00	25.95	26.90
100	PI/2 BPSK	1	271	25.74	25.96	25.88	26.90
100	PI/2 BPSK	135	0	25.33	25.55	25.46	26.40
100	PI/2 BPSK	135	69	25.72	25.90	25.91	26.90
100	PI/2 BPSK	135	138	25.05	25.28	25.26	26.40
100	PI/2 BPSK	270	0	25.25	25.44	25.38	26.40
100	QPSK	1	1	25.86	26.00	26.02	26.90
100	QPSK	1	137	25.85	25.99	25.93	26.90
100	QPSK	1	271	25.83	25.98	25.95	26.90
100	QPSK	135	0	24.91	25.07	25.08	25.90
100	QPSK	135	69	25.84	25.96	25.97	26.90
100	QPSK	135	138	24.65	24.82	24.82	25.90
100	QPSK	270	0	24.75	24.95	24.87	25.90
100	16QAM	1	1	24.66	24.86	24.85	25.90
100	64QAM	1	1	23.20	23.38	23.32	24.40
100	256QAM	1	1	21.48	21.67	21.63	22.40
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	25.86	25.98	26.01	26.90
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	25.88	25.96	25.97	26.90
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	25.85	25.92	25.99	26.90
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	25.85	25.96	26.01	26.90
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	25.91	25.92	25.95	26.90
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	25.90	25.89	26.02	26.90
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	25.91	25.99	25.97	26.90
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	25.88	25.97	25.94	26.90
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	25.84	26.01	26.05	26.90
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	25.84	25.95	25.98	26.90
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	25.86	25.98	26.08	26.90

【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	25.96	26.04	26.09	26.90
100	PI/2 BPSK	1	137	25.82	26.00	25.95	26.90
100	PI/2 BPSK	1	271	25.74	25.96	25.88	26.90
100	PI/2 BPSK	135	0	25.33	25.55	25.46	26.40
100	PI/2 BPSK	135	69	25.72	25.90	25.91	26.90
100	PI/2 BPSK	135	138	25.05	25.28	25.26	26.40
100	PI/2 BPSK	270	0	25.25	25.44	25.38	26.40
100	QPSK	1	1	25.86	26.00	26.02	26.90
100	QPSK	1	137	25.85	25.99	25.93	26.90
100	QPSK	1	271	25.83	25.98	25.95	26.90
100	QPSK	135	0	24.91	25.07	25.08	25.90
100	QPSK	135	69	25.84	25.96	25.97	26.90
100	QPSK	135	138	24.65	24.82	24.82	25.90

100	QPSK	270	0	24.75	24.95	24.87	25.90
100	16QAM	1	1	24.66	24.86	24.85	25.90
100	64QAM	1	1	23.20	23.38	23.32	24.40
100	256QAM	1	1	21.48	21.67	21.63	22.40
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	25.86	25.98	26.01	26.90
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	25.88	25.96	25.97	26.90
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	25.85	25.92	25.99	26.90
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	25.85	25.96	26.01	26.90
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	25.91	25.92	25.95	26.90
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	25.90	25.89	26.02	26.90
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	25.91	25.99	25.97	26.90
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	25.88	25.97	25.94	26.90
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	25.84	26.01	26.05	26.90
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	25.84	25.95	25.98	26.90
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	25.86	25.98	26.08	26.90

【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	18.84	18.86	19.04	19.10
100	PI/2 BPSK	1	137	18.84	19.09	19.03	19.10
100	PI/2 BPSK	1	271	18.83	19.01	19.03	19.10
100	PI/2 BPSK	135	0	18.83	18.96	19.04	19.10
100	PI/2 BPSK	135	69	18.70	18.82	18.91	19.10
100	PI/2 BPSK	135	138	18.77	18.83	18.88	19.10
100	PI/2 BPSK	270	0	18.84	18.96	19.03	19.10
100	QPSK	1	1	18.65	18.80	18.85	19.10
100	QPSK	1	137	18.84	19.09	19.04	19.10
100	QPSK	1	271	18.83	18.99	19.04	19.10
100	QPSK	135	0	18.83	19.04	19.04	19.10
100	QPSK	135	69	18.83	18.98	19.04	19.10
100	QPSK	135	138	18.83	18.95	19.03	19.10
100	QPSK	270	0	18.84	19.00	19.04	19.10
100	16QAM	1	1	18.52	18.50	18.52	19.10
100	64QAM	1	1	18.84	19.05	19.03	19.10
100	256QAM	1	1	18.70	18.86	19.02	19.10
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	18.76	18.73	18.90	19.10
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	18.72	18.83	19.02	19.10
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	18.71	18.75	18.94	19.10
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	18.76	18.76	19.00	19.10
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)

50	PI/2 BPSK	1	1	18.81	18.75	18.90	19.10
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	18.78	18.73	18.96	19.10
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	18.71	18.73	19.03	19.10
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	18.75	18.84	18.97	19.10
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	18.75	18.78	18.89	19.10
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	18.79	18.75	18.96	19.10
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	18.81	18.83	18.95	19.10

【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	19.95	20.01	20.00	20.80
100	PI/2 BPSK	1	137	19.85	20.03	20.00	20.80
100	PI/2 BPSK	1	271	19.90	20.01	20.02	20.80
100	PI/2 BPSK	135	0	19.82	19.93	19.95	20.80
100	PI/2 BPSK	135	69	19.84	20.01	19.99	20.80
100	PI/2 BPSK	135	138	19.80	19.92	19.88	20.80
100	PI/2 BPSK	270	0	19.90	20.05	19.93	20.80
100	QPSK	1	1	19.87	20.02	19.87	20.80
100	QPSK	1	137	19.89	20.02	20.01	20.80
100	QPSK	1	271	19.90	20.05	19.94	20.80
100	QPSK	135	0	19.75	19.94	19.83	20.80
100	QPSK	135	69	19.79	20.06	20.05	20.80
100	QPSK	135	138	19.80	19.97	19.92	20.80
100	QPSK	270	0	19.90	20.02	20.02	20.80
100	16QAM	1	1	19.56	19.79	19.68	20.80
100	64QAM	1	1	19.64	19.73	19.72	20.80
100	256QAM	1	1	19.85	19.94	19.87	20.80
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	19.84	19.87	19.91	20.80
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	19.85	19.86	19.91	20.80
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	19.85	19.92	19.93	20.80
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	19.88	19.90	19.89	20.80
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	19.81	19.91	19.90	20.80
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	19.81	19.88	19.94	20.80
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	19.84	19.91	19.97	20.80
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	19.81	19.92	19.94	20.80
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	19.87	19.98	19.88	20.80
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	19.86	19.86	19.97	20.80
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)

10	PI/2 BPSK	1	1	19.84	19.91	19.96	20.80
----	-----------	---	---	-------	-------	-------	-------

【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	18.84	18.86	19.04	19.10
100	PI/2 BPSK	1	137	18.84	19.09	19.03	19.10
100	PI/2 BPSK	1	271	18.83	19.01	19.03	19.10
100	PI/2 BPSK	135	0	18.83	18.96	19.04	19.10
100	PI/2 BPSK	135	69	18.70	18.82	18.91	19.10
100	PI/2 BPSK	135	138	18.77	18.83	18.88	19.10
100	PI/2 BPSK	270	0	18.84	18.96	19.03	19.10
100	QPSK	1	1	18.65	18.80	18.85	19.10
100	QPSK	1	137	18.84	19.09	19.04	19.10
100	QPSK	1	271	18.83	18.99	19.04	19.10
100	QPSK	135	0	18.83	19.04	19.04	19.10
100	QPSK	135	69	18.83	18.98	19.04	19.10
100	QPSK	135	138	18.83	18.95	19.03	19.10
100	QPSK	270	0	18.84	19.00	19.04	19.10
100	16QAM	1	1	18.52	18.50	18.52	19.10
100	64QAM	1	1	18.84	19.05	19.03	19.10
100	256QAM	1	1	18.70	18.86	19.02	19.10
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	18.76	18.73	18.90	19.10
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	18.72	18.83	19.02	19.10
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	18.71	18.75	18.94	19.10
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	18.76	18.76	19.00	19.10
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	18.81	18.75	18.90	19.10
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	18.78	18.73	18.96	19.10
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	18.71	18.73	19.03	19.10
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	18.75	18.84	18.97	19.10
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	18.75	18.78	18.89	19.10
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	18.79	18.75	18.96	19.10
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	18.81	18.83	18.95	19.10

【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	17.29	17.25	17.23	18.50
100	PI/2 BPSK	1	137	17.28	17.28	17.21	18.50
100	PI/2 BPSK	1	271	17.30	17.30	17.22	18.50

100	PI/2 BPSK	135	0	17.24	17.27	17.10	18.50
100	PI/2 BPSK	135	69	17.11	17.12	17.08	18.50
100	PI/2 BPSK	135	138	17.08	17.05	17.02	18.50
100	PI/2 BPSK	270	0	17.10	17.15	17.05	18.50
100	QPSK	1	1	17.29	17.24	17.13	18.50
100	QPSK	1	137	17.28	17.30	17.23	18.50
100	QPSK	1	271	17.30	17.29	17.22	18.50
100	QPSK	135	0	17.24	17.27	17.17	18.50
100	QPSK	135	69	17.16	17.19	17.15	18.50
100	QPSK	135	138	17.09	17.10	16.95	18.50
100	QPSK	270	0	17.12	17.15	16.99	18.50
100	16QAM	1	1	17.23	17.24	17.22	18.50
100	64QAM	1	1	16.99	17.01	16.88	18.50
100	256QAM	1	1	16.97	16.93	16.88	18.50
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	17.21	17.20	17.13	18.50
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	17.28	17.15	17.09	18.50
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	17.26	17.11	17.16	18.50
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	17.28	17.21	17.13	18.50
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	17.30	17.22	17.11	18.50
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	17.29	17.20	17.19	18.50
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	17.26	17.12	17.18	18.50
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	17.21	17.11	17.14	18.50
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	17.25	17.13	17.10	18.50
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	17.24	17.19	17.21	18.50
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	17.20	17.15	17.10	18.50

【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	17.29	17.25	17.23	17.80
100	PI/2 BPSK	1	137	17.28	17.28	17.21	17.80
100	PI/2 BPSK	1	271	17.30	17.30	17.22	17.80
100	PI/2 BPSK	135	0	17.24	17.27	17.10	17.80
100	PI/2 BPSK	135	69	17.11	17.12	17.08	17.80
100	PI/2 BPSK	135	138	17.08	17.05	17.02	17.80
100	PI/2 BPSK	270	0	17.10	17.15	17.05	17.80
100	QPSK	1	1	17.29	17.24	17.13	17.80
100	QPSK	1	137	17.28	17.30	17.23	17.80
100	QPSK	1	271	17.30	17.29	17.22	17.80
100	QPSK	135	0	17.24	17.27	17.17	17.80
100	QPSK	135	69	17.16	17.19	17.15	17.80
100	QPSK	135	138	17.09	17.10	16.95	17.80
100	QPSK	270	0	17.12	17.15	16.99	17.80
100	16QAM	1	1	17.23	17.24	17.22	17.80
100	64QAM	1	1	16.99	17.01	16.88	17.80
100	256QAM	1	1	16.97	16.93	16.88	17.80
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	17.21	17.20	17.13	17.80
Channel				507204	518598	529998	Tune-up limit

	Frequency (MHz)			2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	17.28	17.15	17.09	17.80
	Channel			506202	518598	531000	Tune-up limit
	Frequency (MHz)			2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	17.26	17.11	17.16	17.80
	Channel			505200	518598	531996	Tune-up limit
	Frequency (MHz)			2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	17.28	17.21	17.13	17.80
	Channel			504204	518598	532998	Tune-up limit
	Frequency (MHz)			2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	17.30	17.22	17.11	17.80
	Channel			503202	518598	534000	Tune-up limit
	Frequency (MHz)			2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	17.29	17.20	17.19	17.80
	Channel			502200	518598	534996	Tune-up limit
	Frequency (MHz)			2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	17.26	17.12	17.18	17.80
	Channel			501702	518598	535500	Tune-up limit
	Frequency (MHz)			2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	17.21	17.11	17.14	17.80
	Channel			501204	518598	535998	Tune-up limit
	Frequency (MHz)			2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	17.25	17.13	17.10	17.80
	Channel			500700	518598	536496	Tune-up limit
	Frequency (MHz)			2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	17.24	17.19	17.21	17.80
	Channel			500202	518598	537000	Tune-up limit
	Frequency (MHz)			2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	17.20	17.15	17.10	17.80

【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	
	Frequency (MHz)			2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	17.29	17.25	17.23	17.30
100	PI/2 BPSK	1	137	17.28	17.28	17.21	17.30
100	PI/2 BPSK	1	271	17.30	17.30	17.22	17.30
100	PI/2 BPSK	135	0	17.24	17.27	17.10	17.30
100	PI/2 BPSK	135	69	17.11	17.12	17.08	17.30
100	PI/2 BPSK	135	138	17.08	17.05	17.02	17.30
100	PI/2 BPSK	270	0	17.10	17.15	17.05	17.30
100	QPSK	1	1	17.29	17.24	17.13	17.30
100	QPSK	1	137	17.28	17.30	17.23	17.30
100	QPSK	1	271	17.30	17.29	17.22	17.30
100	QPSK	135	0	17.24	17.27	17.17	17.30
100	QPSK	135	69	17.16	17.19	17.15	17.30
100	QPSK	135	138	17.09	17.10	16.95	17.30
100	QPSK	270	0	17.12	17.15	16.99	17.30
100	16QAM	1	1	17.23	17.24	17.22	17.30
100	64QAM	1	1	16.99	17.01	16.88	17.30
100	256QAM	1	1	16.97	16.93	16.88	17.30
	Channel			508200	518598	528996	Tune-up limit
	Frequency (MHz)			2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	17.21	17.20	17.13	17.30
	Channel			507204	518598	529998	Tune-up limit
	Frequency (MHz)			2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	17.28	17.15	17.09	17.30
	Channel			506202	518598	531000	Tune-up limit
	Frequency (MHz)			2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	17.26	17.11	17.16	17.30
	Channel			505200	518598	531996	Tune-up limit
	Frequency (MHz)			2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	17.28	17.21	17.13	17.30
	Channel			504204	518598	532998	Tune-up limit
	Frequency (MHz)			2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	17.30	17.22	17.11	17.30
	Channel			503202	518598	534000	Tune-up limit
	Frequency (MHz)			2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	17.29	17.20	17.19	17.30
	Channel			502200	518598	534996	Tune-up limit
	Frequency (MHz)			2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	17.26	17.12	17.18	17.30
	Channel			501702	518598	535500	Tune-up limit

	Frequency (MHz)			2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	17.21	17.11	17.14	17.30
	Channel			501204	518598	535998	Tune-up limit
	Frequency (MHz)			2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	17.25	17.13	17.10	17.30
	Channel			500700	518598	536496	Tune-up limit
	Frequency (MHz)			2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	17.24	17.19	17.21	17.30
	Channel			500202	518598	537000	Tune-up limit
	Frequency (MHz)			2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	17.20	17.15	17.10	17.30

【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	
	Frequency (MHz)			2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	19.53	19.62	19.52	20.30
100	PI/2 BPSK	1	137	19.51	19.63	19.39	20.30
100	PI/2 BPSK	1	271	19.34	19.47	19.33	20.30
100	PI/2 BPSK	135	0	19.30	19.54	19.29	20.30
100	PI/2 BPSK	135	69	19.36	19.48	19.37	20.30
100	PI/2 BPSK	135	138	19.22	19.38	19.14	20.30
100	PI/2 BPSK	270	0	19.30	19.42	19.23	20.30
100	QPSK	1	1	19.27	19.49	19.25	20.30
100	QPSK	1	137	19.49	19.62	19.49	20.30
100	QPSK	1	271	19.24	19.45	19.29	20.30
100	QPSK	135	0	19.38	19.55	19.40	20.30
100	QPSK	135	69	19.29	19.51	19.32	20.30
100	QPSK	135	138	19.21	19.34	19.17	20.30
100	QPSK	270	0	19.29	19.48	19.27	20.30
100	16QAM	1	1	19.53	19.69	19.49	20.30
100	64QAM	1	1	19.30	19.44	19.29	20.30
100	256QAM	1	1	19.53	19.71	19.51	20.30
	Channel			508200	518598	528996	Tune-up limit
	Frequency (MHz)			2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	19.46	19.57	19.46	20.30
	Channel			507204	518598	529998	Tune-up limit
	Frequency (MHz)			2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	19.39	19.48	19.46	20.30
	Channel			506202	518598	531000	Tune-up limit
	Frequency (MHz)			2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	19.51	19.51	19.42	20.30
	Channel			505200	518598	531996	Tune-up limit
	Frequency (MHz)			2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	19.47	19.47	19.39	20.30
	Channel			504204	518598	532998	Tune-up limit
	Frequency (MHz)			2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	19.52	19.60	19.40	20.30
	Channel			503202	518598	534000	Tune-up limit
	Frequency (MHz)			2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	19.52	19.56	19.39	20.30
	Channel			502200	518598	534996	Tune-up limit
	Frequency (MHz)			2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	19.43	19.56	19.44	20.30
	Channel			501702	518598	535500	Tune-up limit
	Frequency (MHz)			2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	19.45	19.55	19.39	20.30
	Channel			501204	518598	535998	Tune-up limit
	Frequency (MHz)			2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	19.50	19.51	19.48	20.30
	Channel			500700	518598	536496	Tune-up limit
	Frequency (MHz)			2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	19.42	19.58	19.50	20.30
	Channel			500202	518598	537000	Tune-up limit
	Frequency (MHz)			2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	19.52	19.56	19.50	20.30

【FR1 n41_FCC_Ant 1_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low	Power Middle	Power High	Tune-up limit (dBm)
----------	------------	---------	-----------	-----------	--------------	------------	------------------------

				Ch. / Freq.	Ch. / Freq.	Ch. / Freq.	
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	17.29	17.25	17.23	17.30
100	PI/2 BPSK	1	137	17.28	17.28	17.21	17.30
100	PI/2 BPSK	1	271	17.30	17.30	17.22	17.30
100	PI/2 BPSK	135	0	17.24	17.27	17.10	17.30
100	PI/2 BPSK	135	69	17.11	17.12	17.08	17.30
100	PI/2 BPSK	135	138	17.08	17.05	17.02	17.30
100	PI/2 BPSK	270	0	17.10	17.15	17.05	17.30
100	QPSK	1	1	17.29	17.24	17.13	17.30
100	QPSK	1	137	17.28	17.30	17.23	17.30
100	QPSK	1	271	17.30	17.29	17.22	17.30
100	QPSK	135	0	17.24	17.27	17.17	17.30
100	QPSK	135	69	17.16	17.19	17.15	17.30
100	QPSK	135	138	17.09	17.10	16.95	17.30
100	QPSK	270	0	17.12	17.15	16.99	17.30
100	16QAM	1	1	17.23	17.24	17.22	17.30
100	64QAM	1	1	16.99	17.01	16.88	17.30
100	256QAM	1	1	16.97	16.93	16.88	17.30
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	17.21	17.20	17.13	17.30
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	17.28	17.15	17.09	17.30
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	17.26	17.11	17.16	17.30
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	17.28	17.21	17.13	17.30
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	17.30	17.22	17.11	17.30
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	17.29	17.20	17.19	17.30
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	17.26	17.12	17.18	17.30
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	17.21	17.11	17.14	17.30
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	17.25	17.13	17.10	17.30
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	17.24	17.19	17.21	17.30
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	17.20	17.15	17.10	17.30

【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	20.27	20.20	20.15	21.50
100	PI/2 BPSK	1	137	20.18	20.26	20.14	21.50
100	PI/2 BPSK	1	271	20.18	20.15	20.09	21.50
100	PI/2 BPSK	135	0	20.25	20.24	20.09	21.50
100	PI/2 BPSK	135	69	20.17	20.14	19.97	21.50
100	PI/2 BPSK	135	138	20.07	20.08	19.90	21.50
100	PI/2 BPSK	270	0	20.14	20.19	20.10	21.50
100	QPSK	1	1	20.12	20.15	20.01	21.50
100	QPSK	1	137	20.26	20.23	20.09	21.50
100	QPSK	1	271	20.04	20.10	19.97	21.50
100	QPSK	135	0	20.23	20.24	20.13	21.50

100	QPSK	135	69	20.18	20.16	19.97	21.50
100	QPSK	135	138	20.18	20.14	20.03	21.50
100	QPSK	270	0	20.24	20.18	20.11	21.50
100	16QAM	1	1	19.89	19.88	19.74	21.50
100	64QAM	1	1	20.27	20.30	20.14	21.50
100	256QAM	1	1	20.09	20.16	19.98	21.50
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	20.16	20.08	20.07	21.50
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	20.22	20.19	20.08	21.50
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	20.23	20.07	20.13	21.50
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	20.18	20.06	20.12	21.50
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	20.21	20.07	20.11	21.50
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	20.17	20.13	20.05	21.50
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	20.19	20.07	20.01	21.50
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	20.15	20.09	20.06	21.50
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	20.16	20.11	20.03	21.50
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	20.21	20.07	20.06	21.50
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	20.19	20.08	20.00	21.50

【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	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	20.27	20.20	20.15	20.80
100	PI/2 BPSK	1	137	20.18	20.26	20.14	20.80
100	PI/2 BPSK	1	271	20.18	20.15	20.09	20.80
100	PI/2 BPSK	135	0	20.25	20.24	20.09	20.80
100	PI/2 BPSK	135	69	20.17	20.14	19.97	20.80
100	PI/2 BPSK	135	138	20.07	20.08	19.90	20.80
100	PI/2 BPSK	270	0	20.14	20.19	20.10	20.80
100	QPSK	1	1	20.12	20.15	20.01	20.80
100	QPSK	1	137	20.26	20.23	20.09	20.80
100	QPSK	1	271	20.04	20.10	19.97	20.80
100	QPSK	135	0	20.23	20.24	20.13	20.80
100	QPSK	135	69	20.18	20.16	19.97	20.80
100	QPSK	135	138	20.18	20.14	20.03	20.80
100	QPSK	270	0	20.24	20.18	20.11	20.80
100	16QAM	1	1	19.89	19.88	19.74	20.80
100	64QAM	1	1	20.27	20.30	20.14	20.80
100	256QAM	1	1	20.09	20.16	19.98	20.80
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	20.16	20.08	20.07	20.80
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	20.22	20.19	20.08	20.80
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	20.23	20.07	20.13	20.80
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	20.18	20.06	20.12	20.80

Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	20.21	20.07	20.11	20.80
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	20.17	20.13	20.05	20.80
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	20.19	20.07	20.01	20.80
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	20.15	20.09	20.06	20.80
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	20.16	20.11	20.03	20.80
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	20.21	20.07	20.06	20.80
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	20.19	20.08	20.00	20.80

【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	20.27	20.20	20.15	20.30
100	PI/2 BPSK	1	137	20.18	20.26	20.14	20.30
100	PI/2 BPSK	1	271	20.18	20.15	20.09	20.30
100	PI/2 BPSK	135	0	20.25	20.24	20.09	20.30
100	PI/2 BPSK	135	69	20.17	20.14	19.97	20.30
100	PI/2 BPSK	135	138	20.07	20.08	19.90	20.30
100	PI/2 BPSK	270	0	20.14	20.19	20.10	20.30
100	QPSK	1	1	20.12	20.15	20.01	20.30
100	QPSK	1	137	20.26	20.23	20.09	20.30
100	QPSK	1	271	20.04	20.10	19.97	20.30
100	QPSK	135	0	20.23	20.24	20.13	20.30
100	QPSK	135	69	20.18	20.16	19.97	20.30
100	QPSK	135	138	20.18	20.14	20.03	20.30
100	QPSK	270	0	20.24	20.18	20.11	20.30
100	16QAM	1	1	19.89	19.88	19.74	20.30
100	64QAM	1	1	20.27	20.30	20.14	20.30
100	256QAM	1	1	20.09	20.16	19.98	20.30
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	20.16	20.08	20.07	20.30
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	20.22	20.19	20.08	20.30
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	20.23	20.07	20.13	20.30
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	20.18	20.06	20.12	20.30
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	20.21	20.07	20.11	20.30
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	20.17	20.13	20.05	20.30
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	20.19	20.07	20.01	20.30
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	20.15	20.09	20.06	20.30
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	20.16	20.11	20.03	20.30
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	20.21	20.07	20.06	20.30

Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	20.19	20.08	20.00	20.30

【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)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	22.49	22.58	22.48	23.30
100	PI/2 BPSK	1	137	22.47	22.59	22.35	23.30
100	PI/2 BPSK	1	271	22.30	22.43	22.29	23.30
100	PI/2 BPSK	135	0	22.26	22.50	22.25	23.30
100	PI/2 BPSK	135	69	22.32	22.44	22.33	23.30
100	PI/2 BPSK	135	138	22.18	22.34	22.10	23.30
100	PI/2 BPSK	270	0	22.26	22.38	22.19	23.30
100	QPSK	1	1	22.23	22.45	22.21	23.30
100	QPSK	1	137	22.45	22.58	22.45	23.30
100	QPSK	1	271	22.20	22.41	22.25	23.30
100	QPSK	135	0	22.34	22.51	22.36	23.30
100	QPSK	135	69	22.25	22.47	22.28	23.30
100	QPSK	135	138	22.17	22.30	22.13	23.30
100	QPSK	270	0	22.25	22.44	22.23	23.30
100	16QAM	1	1	22.49	22.65	22.45	23.30
100	64QAM	1	1	22.26	22.40	22.25	23.30
100	256QAM	1	1	21.29	21.37	21.27	22.40
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	22.37	22.48	22.35	23.30
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	22.41	22.46	22.45	23.30
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	22.48	22.53	22.41	23.30
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	22.47	22.53	22.33	23.30
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	22.41	22.51	22.46	23.30
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	22.47	22.47	22.41	23.30
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	22.47	22.55	22.44	23.30
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	22.35	22.47	22.38	23.30
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	22.36	23.30
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	22.47	22.47	22.33	23.30
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	22.40	22.47	22.47	23.30

【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	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	20.27	20.20	20.15	20.30
100	PI/2 BPSK	1	137	20.18	20.26	20.14	20.30
100	PI/2 BPSK	1	271	20.18	20.15	20.09	20.30
100	PI/2 BPSK	135	0	20.25	20.24	20.09	20.30
100	PI/2 BPSK	135	69	20.17	20.14	19.97	20.30

100	PI/2 BPSK	135	138	20.07	20.08	19.90	20.30
100	PI/2 BPSK	270	0	20.14	20.19	20.10	20.30
100	QPSK	1	1	20.12	20.15	20.01	20.30
100	QPSK	1	137	20.26	20.23	20.09	20.30
100	QPSK	1	271	20.04	20.10	19.97	20.30
100	QPSK	135	0	20.23	20.24	20.13	20.30
100	QPSK	135	69	20.18	20.16	19.97	20.30
100	QPSK	135	138	20.18	20.14	20.03	20.30
100	QPSK	270	0	20.24	20.18	20.11	20.30
100	16QAM	1	1	19.89	19.88	19.74	20.30
100	64QAM	1	1	20.27	20.30	20.14	20.30
100	256QAM	1	1	20.09	20.16	19.98	20.30
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	20.16	20.08	20.07	20.30
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	20.22	20.19	20.08	20.30
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	20.23	20.07	20.13	20.30
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	20.18	20.06	20.12	20.30
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	20.21	20.07	20.11	20.30
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	20.17	20.13	20.05	20.30
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	20.19	20.07	20.01	20.30
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	20.15	20.09	20.06	20.30
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	20.16	20.11	20.03	20.30
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	20.21	20.07	20.06	20.30
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	20.19	20.08	20.00	20.30

【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	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.06	23.11	23.08	23.80
100	PI/2 BPSK	1	137	22.95	23.13	23.08	23.80
100	PI/2 BPSK	1	271	22.85	22.92	22.76	23.80
100	PI/2 BPSK	135	0	23.06	23.01	23.01	23.80
100	PI/2 BPSK	135	69	22.96	23.03	22.99	23.80
100	PI/2 BPSK	135	138	22.89	23.00	22.85	23.80
100	PI/2 BPSK	270	0	22.99	23.08	23.00	23.80
100	QPSK	1	1	22.90	23.09	22.91	23.80
100	QPSK	1	137	22.97	23.12	22.95	23.80
100	QPSK	1	271	22.81	22.89	22.84	23.80
100	QPSK	135	0	23.06	23.15	23.04	23.80
100	QPSK	135	69	22.94	23.05	22.97	23.80
100	QPSK	135	138	22.96	23.02	22.92	23.80
100	QPSK	270	0	23.06	23.12	23.06	23.80
100	16QAM	1	1	23.04	23.23	23.08	23.80
100	64QAM	1	1	21.36	21.55	21.37	22.50
100	256QAM	1	1	19.83	19.92	19.83	20.50
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)

90	PI/2 BPSK	1	1	22.98	23.03	22.94	23.80
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	23.00	22.96	23.06	23.80
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	22.97	23.07	22.95	23.80
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	23.05	23.03	22.99	23.80
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	22.97	23.09	23.04	23.80
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	22.91	23.09	23.07	23.80
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	22.93	23.08	22.94	23.80
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	22.96	23.02	23.02	23.80
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	23.04	23.06	23.03	23.80
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	22.96	23.08	23.00	23.80
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	22.95	23.01	22.97	23.80

【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	23.06	23.11	23.08	23.40
100	PI/2 BPSK	1	137	22.95	23.13	23.08	23.40
100	PI/2 BPSK	1	271	22.85	22.92	22.76	23.40
100	PI/2 BPSK	135	0	23.06	23.01	23.01	23.40
100	PI/2 BPSK	135	69	22.96	23.03	22.99	23.40
100	PI/2 BPSK	135	138	22.89	23.00	22.85	23.40
100	PI/2 BPSK	270	0	22.99	23.08	23.00	23.40
100	QPSK	1	1	22.90	23.09	22.91	23.40
100	QPSK	1	137	22.97	23.12	22.95	23.40
100	QPSK	1	271	22.81	22.89	22.84	23.40
100	QPSK	135	0	23.06	23.15	23.04	23.40
100	QPSK	135	69	22.94	23.05	22.97	23.40
100	QPSK	135	138	22.96	23.02	22.92	23.40
100	QPSK	270	0	23.06	23.12	23.06	23.40
100	16QAM	1	1	23.04	23.23	23.08	23.40
100	64QAM	1	1	21.36	21.55	21.37	22.50
100	256QAM	1	1	19.83	19.92	19.83	20.50
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	22.98	23.03	22.94	23.40
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	23.00	22.96	23.06	23.40
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	22.97	23.07	22.95	23.40
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	23.05	23.03	22.99	23.40
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	22.97	23.09	23.04	23.40
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	22.91	23.09	23.07	23.40
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)

30	PI/2 BPSK	1	1	22.93	23.08	22.94	23.40
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	22.96	23.02	23.02	23.40
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	23.04	23.06	23.03	23.40
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	22.96	23.08	23.00	23.40
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	22.95	23.01	22.97	23.40

【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	Tune-up limit
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	16.70	16.73	16.82	17.10
100	PI/2 BPSK	1	137	16.69	16.91	16.81	17.10
100	PI/2 BPSK	1	271	16.68	16.82	16.81	17.10
100	PI/2 BPSK	135	0	16.70	16.76	16.73	17.10
100	PI/2 BPSK	135	69	16.58	16.67	16.64	17.10
100	PI/2 BPSK	135	138	16.56	16.63	16.63	17.10
100	PI/2 BPSK	270	0	16.64	16.75	16.71	17.10
100	QPSK	1	1	16.55	16.72	16.76	17.10
100	QPSK	1	137	16.68	16.90	16.82	17.10
100	QPSK	1	271	16.69	16.82	16.76	17.10
100	QPSK	135	0	16.57	16.73	16.72	17.10
100	QPSK	135	69	16.50	16.66	16.61	17.10
100	QPSK	135	138	16.50	16.62	16.66	17.10
100	QPSK	270	0	16.63	16.75	16.73	17.10
100	16QAM	1	1	16.57	16.74	16.78	17.10
100	64QAM	1	1	16.50	16.56	16.53	17.10
100	256QAM	1	1	16.70	16.90	16.82	17.10
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	16.63	16.62	16.75	17.10
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	16.56	16.60	16.71	17.10
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	16.59	16.72	16.76	17.10
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	16.60	16.70	16.78	17.10
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	16.55	16.61	16.73	17.10
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	16.58	16.72	16.68	17.10
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	16.78	17.10
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	16.61	16.70	16.78	17.10
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	16.67	16.69	16.69	17.10
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	16.59	16.67	16.76	17.10
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	16.61	16.59	16.75	17.10

【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	16.70	16.73	16.82	18.70
100	PI/2 BPSK	1	137	16.69	16.91	16.81	18.70
100	PI/2 BPSK	1	271	16.68	16.82	16.81	18.70
100	PI/2 BPSK	135	0	16.70	16.76	16.73	18.70
100	PI/2 BPSK	135	69	16.58	16.67	16.64	18.70
100	PI/2 BPSK	135	138	16.56	16.63	16.63	18.70
100	PI/2 BPSK	270	0	16.64	16.75	16.71	18.70
100	QPSK	1	1	16.55	16.72	16.76	18.70
100	QPSK	1	137	16.68	16.90	16.82	18.70
100	QPSK	1	271	16.69	16.82	16.76	18.70
100	QPSK	135	0	16.57	16.73	16.72	18.70
100	QPSK	135	69	16.50	16.66	16.61	18.70
100	QPSK	135	138	16.50	16.62	16.66	18.70
100	QPSK	270	0	16.63	16.75	16.73	18.70
100	16QAM	1	1	16.57	16.74	16.78	18.70
100	64QAM	1	1	16.50	16.56	16.53	18.70
100	256QAM	1	1	16.70	16.90	16.82	18.70
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	16.63	16.62	16.75	18.70
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	16.56	16.60	16.71	18.70
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	16.59	16.72	16.76	18.70
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	16.60	16.70	16.78	18.70
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	16.55	16.61	16.73	18.70
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	16.58	16.72	16.68	18.70
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	16.78	18.70
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	16.61	16.70	16.78	18.70
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	16.67	16.69	16.69	18.70
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	16.59	16.67	16.76	18.70
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	16.61	16.59	16.75	18.70

【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	16.70	16.73	16.82	17.10
100	PI/2 BPSK	1	137	16.69	16.91	16.81	17.10
100	PI/2 BPSK	1	271	16.68	16.82	16.81	17.10
100	PI/2 BPSK	135	0	16.70	16.76	16.73	17.10
100	PI/2 BPSK	135	69	16.58	16.67	16.64	17.10
100	PI/2 BPSK	135	138	16.56	16.63	16.63	17.10
100	PI/2 BPSK	270	0	16.64	16.75	16.71	17.10
100	QPSK	1	1	16.55	16.72	16.76	17.10
100	QPSK	1	137	16.68	16.90	16.82	17.10
100	QPSK	1	271	16.69	16.82	16.76	17.10
100	QPSK	135	0	16.57	16.73	16.72	17.10
100	QPSK	135	69	16.50	16.66	16.61	17.10
100	QPSK	135	138	16.50	16.62	16.66	17.10

100	QPSK	270	0	16.63	16.75	16.73	17.10
100	16QAM	1	1	16.57	16.74	16.78	17.10
100	64QAM	1	1	16.50	16.56	16.53	17.10
100	256QAM	1	1	16.70	16.90	16.82	17.10
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	16.63	16.62	16.75	17.10
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	16.56	16.60	16.71	17.10
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	16.59	16.72	16.76	17.10
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	16.60	16.70	16.78	17.10
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	16.55	16.61	16.73	17.10
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	16.58	16.72	16.68	17.10
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	16.78	17.10
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	16.61	16.70	16.78	17.10
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	16.67	16.69	16.69	17.10
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	16.59	16.67	16.76	17.10
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	16.61	16.59	16.75	17.10

【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	25.95	26.00	26.01	26.80
100	PI/2 BPSK	1	137	25.66	25.81	25.69	26.80
100	PI/2 BPSK	1	271	25.39	25.57	25.53	26.80
100	PI/2 BPSK	135	0	25.35	25.51	25.41	26.40
100	PI/2 BPSK	135	69	25.76	25.85	25.84	26.80
100	PI/2 BPSK	135	138	25.09	25.24	25.20	26.40
100	PI/2 BPSK	270	0	25.26	25.38	25.25	26.40
100	QPSK	1	1	25.87	25.99	25.85	26.80
100	QPSK	1	137	25.75	25.86	25.72	26.80
100	QPSK	1	271	25.50	25.62	25.50	26.80
100	QPSK	135	0	24.88	25.04	24.98	25.90
100	QPSK	135	69	25.79	25.91	25.88	26.80
100	QPSK	135	138	24.58	24.77	24.72	25.90
100	QPSK	270	0	24.84	24.90	24.85	25.90
100	16QAM	1	1	24.85	24.95	24.90	25.90
100	64QAM	1	1	23.31	23.38	23.36	24.40
100	256QAM	1	1	21.56	21.62	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	25.88	25.89	25.93	26.80
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	25.91	25.98	25.95	26.80
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	25.82	25.96	25.87	26.80
Channel				505200	518598	531996	Tune-up limit

	Frequency (MHz)			2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	25.90	25.90	25.97	26.80
	Channel			504204	518598	532998	Tune-up limit
	Frequency (MHz)			2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	25.90	25.95	25.93	26.80
	Channel			503202	518598	534000	Tune-up limit
	Frequency (MHz)			2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	25.85	25.92	25.94	26.80
	Channel			502200	518598	534996	Tune-up limit
	Frequency (MHz)			2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	25.80	25.88	25.92	26.80
	Channel			501702	518598	535500	Tune-up limit
	Frequency (MHz)			2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	25.85	25.89	25.94	26.80
	Channel			501204	518598	535998	Tune-up limit
	Frequency (MHz)			2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	25.87	25.93	26.00	26.80
	Channel			500700	518598	536496	Tune-up limit
	Frequency (MHz)			2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	25.85	25.88	25.95	26.80
	Channel			500202	518598	537000	Tune-up limit
	Frequency (MHz)			2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	25.92	25.86	25.96	26.80

【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	
	Frequency (MHz)			2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	25.95	26.00	26.01	26.40
100	PI/2 BPSK	1	137	25.66	25.81	25.69	26.40
100	PI/2 BPSK	1	271	25.39	25.57	25.53	26.40
100	PI/2 BPSK	135	0	25.35	25.51	25.41	26.40
100	PI/2 BPSK	135	69	25.76	25.85	25.84	26.40
100	PI/2 BPSK	135	138	25.09	25.24	25.20	26.40
100	PI/2 BPSK	270	0	25.26	25.38	25.25	26.40
100	QPSK	1	1	25.87	25.99	25.85	26.40
100	QPSK	1	137	25.75	25.86	25.72	26.40
100	QPSK	1	271	25.50	25.62	25.50	26.40
100	QPSK	135	0	24.88	25.04	24.98	25.90
100	QPSK	135	69	25.79	25.91	25.88	26.40
100	QPSK	135	138	24.68	24.77	24.72	25.90
100	QPSK	270	0	24.84	24.90	24.85	25.90
100	16QAM	1	1	24.85	24.95	24.90	25.90
100	64QAM	1	1	23.31	23.38	23.36	24.40
100	256QAM	1	1	21.56	21.62	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	25.88	25.89	25.93	26.40
	Channel			507204	518598	529998	Tune-up limit
	Frequency (MHz)			2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	25.91	25.98	25.95	26.40
	Channel			506202	518598	531000	Tune-up limit
	Frequency (MHz)			2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	25.82	25.96	25.87	26.40
	Channel			505200	518598	531996	Tune-up limit
	Frequency (MHz)			2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	25.90	25.90	25.97	26.40
	Channel			504204	518598	532998	Tune-up limit
	Frequency (MHz)			2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	25.90	25.95	25.93	26.40
	Channel			503202	518598	534000	Tune-up limit
	Frequency (MHz)			2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	25.85	25.92	25.94	26.40
	Channel			502200	518598	534996	Tune-up limit
	Frequency (MHz)			2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	25.80	25.88	25.92	26.40
	Channel			501702	518598	535500	Tune-up limit
	Frequency (MHz)			2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	25.85	25.89	25.94	26.40
	Channel			501204	518598	535998	Tune-up limit
	Frequency (MHz)			2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	25.87	25.93	26.00	26.40
	Channel			500700	518598	536496	Tune-up limit

Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	25.85	25.88	25.95	26.40
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	25.92	25.86	25.96	26.40

【FR1 n41__FCC_HPUE_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	19.62	19.63	19.71	20.10
100	PI/2 BPSK	1	137	19.62	19.85	19.70	20.10
100	PI/2 BPSK	1	271	19.61	19.78	19.71	20.10
100	PI/2 BPSK	135	0	19.60	19.80	19.71	20.10
100	PI/2 BPSK	135	69	19.62	19.80	19.71	20.10
100	PI/2 BPSK	135	138	19.62	19.72	19.70	20.10
100	PI/2 BPSK	270	0	19.61	19.84	19.71	20.10
100	QPSK	1	1	19.51	19.63	19.56	20.10
100	QPSK	1	137	19.62	19.84	19.71	20.10
100	QPSK	1	271	19.62	19.78	19.70	20.10
100	QPSK	135	0	19.62	19.81	19.70	20.10
100	QPSK	135	69	19.60	19.80	19.71	20.10
100	QPSK	135	138	19.62	19.73	19.69	20.10
100	QPSK	270	0	19.62	19.84	19.71	20.10
100	16QAM	1	1	19.50	19.53	19.54	20.10
100	64QAM	1	1	19.50	19.53	19.57	20.10
100	256QAM	1	1	19.62	19.74	19.71	20.10
Channel				508200	518598	528996	
Frequency (MHz)				2541	2592.99	2644.98	Tune-up limit (dBm)
90	PI/2 BPSK	1	1	19.57	19.61	19.61	20.10
Channel				507204	518598	529998	
Frequency (MHz)				2536.02	2592.99	2649.99	Tune-up limit (dBm)
80	PI/2 BPSK	1	1	19.52	19.52	19.67	20.10
Channel				506202	518598	531000	
Frequency (MHz)				2531.01	2592.99	2655	Tune-up limit (dBm)
70	PI/2 BPSK	1	1	19.56	19.52	19.66	20.10
Channel				505200	518598	531996	
Frequency (MHz)				2526	2592.99	2659.98	Tune-up limit (dBm)
60	PI/2 BPSK	1	1	19.50	19.53	19.66	20.10
Channel				504204	518598	532998	
Frequency (MHz)				2521.02	2592.99	2664.99	Tune-up limit (dBm)
50	PI/2 BPSK	1	1	19.54	19.52	19.69	20.10
Channel				503202	518598	534000	
Frequency (MHz)				2516.01	2592.99	2670	Tune-up limit (dBm)
40	PI/2 BPSK	1	1	19.52	19.59	19.62	20.10
Channel				502200	518598	534996	
Frequency (MHz)				2511	2592.99	2674.98	Tune-up limit (dBm)
30	PI/2 BPSK	1	1	19.60	19.62	19.60	20.10
Channel				501702	518598	535500	
Frequency (MHz)				2508.51	2592.99	2677.5	Tune-up limit (dBm)
25	PI/2 BPSK	1	1	19.50	19.60	19.67	20.10
Channel				501204	518598	535998	
Frequency (MHz)				2506.02	2592.99	2679.99	Tune-up limit (dBm)
20	PI/2 BPSK	1	1	19.56	19.57	19.63	20.10
Channel				500700	518598	536496	
Frequency (MHz)				2503.5	2592.99	2682.48	Tune-up limit (dBm)
15	PI/2 BPSK	1	1	19.53	19.58	19.63	20.10
Channel				500202	518598	537000	
Frequency (MHz)				2501.01	2592.99	2685	Tune-up limit (dBm)
10	PI/2 BPSK	1	1	19.54	19.52	19.59	20.10

【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	19.62	19.63	19.71	21.70
100	PI/2 BPSK	1	137	19.62	19.85	19.70	21.70
100	PI/2 BPSK	1	271	19.61	19.78	19.71	21.70

100	PI/2 BPSK	135	0	19.60	19.80	19.71	21.70
100	PI/2 BPSK	135	69	19.62	19.80	19.71	21.70
100	PI/2 BPSK	135	138	19.62	19.72	19.70	21.70
100	PI/2 BPSK	270	0	19.61	19.84	19.71	21.70
100	QPSK	1	1	19.51	19.63	19.56	21.70
100	QPSK	1	137	19.62	19.84	19.71	21.70
100	QPSK	1	271	19.62	19.78	19.70	21.70
100	QPSK	135	0	19.62	19.81	19.70	21.70
100	QPSK	135	69	19.60	19.80	19.71	21.70
100	QPSK	135	138	19.62	19.73	19.69	21.70
100	QPSK	270	0	19.62	19.84	19.71	21.70
100	16QAM	1	1	19.50	19.53	19.54	21.70
100	64QAM	1	1	19.50	19.53	19.57	21.70
100	256QAM	1	1	19.62	19.74	19.71	21.70
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	19.57	19.61	19.61	21.70
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	19.52	19.52	19.67	21.70
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	19.56	19.52	19.66	21.70
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	19.50	19.53	19.66	21.70
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	19.54	19.52	19.69	21.70
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	19.52	19.59	19.62	21.70
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	19.60	19.62	19.60	21.70
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	19.50	19.60	19.67	21.70
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	19.56	19.57	19.63	21.70
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	19.53	19.58	19.63	21.70
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	19.54	19.52	19.59	21.70

【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	19.62	19.63	19.71	20.10
100	PI/2 BPSK	1	137	19.62	19.85	19.70	20.10
100	PI/2 BPSK	1	271	19.61	19.78	19.71	20.10
100	PI/2 BPSK	135	0	19.60	19.80	19.71	20.10
100	PI/2 BPSK	135	69	19.62	19.80	19.71	20.10
100	PI/2 BPSK	135	138	19.62	19.72	19.70	20.10
100	PI/2 BPSK	270	0	19.61	19.84	19.71	20.10
100	QPSK	1	1	19.51	19.63	19.56	20.10
100	QPSK	1	137	19.62	19.84	19.71	20.10
100	QPSK	1	271	19.62	19.78	19.70	20.10
100	QPSK	135	0	19.62	19.81	19.70	20.10
100	QPSK	135	69	19.60	19.80	19.71	20.10
100	QPSK	135	138	19.62	19.73	19.69	20.10
100	QPSK	270	0	19.62	19.84	19.71	20.10
100	16QAM	1	1	19.50	19.53	19.54	20.10
100	64QAM	1	1	19.50	19.53	19.57	20.10
100	256QAM	1	1	19.62	19.74	19.71	20.10
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	19.57	19.61	19.61	20.10
Channel				507204	518598	529998	Tune-up limit

		Frequency (MHz)			2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1		19.52	19.52	19.67	20.10
	Channel				506202	518598	531000	Tune-up limit
		Frequency (MHz)			2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1		19.56	19.52	19.66	20.10
	Channel				505200	518598	531996	Tune-up limit
		Frequency (MHz)			2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1		19.50	19.53	19.66	20.10
	Channel				504204	518598	532998	Tune-up limit
		Frequency (MHz)			2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1		19.54	19.52	19.69	20.10
	Channel				503202	518598	534000	Tune-up limit
		Frequency (MHz)			2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1		19.52	19.59	19.62	20.10
	Channel				502200	518598	534996	Tune-up limit
		Frequency (MHz)			2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1		19.60	19.62	19.60	20.10
	Channel				501702	518598	535500	Tune-up limit
		Frequency (MHz)			2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1		19.50	19.60	19.67	20.10
	Channel				501204	518598	535998	Tune-up limit
		Frequency (MHz)			2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1		19.56	19.57	19.63	20.10
	Channel				500700	518598	536496	Tune-up limit
		Frequency (MHz)			2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1		19.53	19.58	19.63	20.10
	Channel				500202	518598	537000	Tune-up limit
		Frequency (MHz)			2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1		19.54	19.52	19.59	20.10

【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	15.44	15.43	15.43	16.30
100	PI/2 BPSK	1	137	15.42	15.51	15.39	16.30
100	PI/2 BPSK	1	271	15.43	15.52	15.43	16.30
100	PI/2 BPSK	135	0	15.39	15.41	15.35	16.30
100	PI/2 BPSK	135	69	15.33	15.34	15.31	16.30
100	PI/2 BPSK	135	138	15.37	15.32	15.36	16.30
100	PI/2 BPSK	270	0	15.32	15.34	15.30	16.30
100	QPSK	1	1	15.41	15.44	15.41	16.30
100	QPSK	1	137	15.44	15.52	15.42	16.30
100	QPSK	1	271	15.43	15.51	15.39	16.30
100	QPSK	135	0	15.34	15.44	15.36	16.30
100	QPSK	135	69	15.31	15.38	15.32	16.30
100	QPSK	135	138	15.30	15.32	15.35	16.30
100	QPSK	270	0	15.37	15.37	15.36	16.30
100	16QAM	1	1	15.44	15.55	15.43	16.30
100	64QAM	1	1	15.33	15.37	15.32	16.30
100	256QAM	1	1	15.36	15.34	15.31	16.30
	Channel			508200	518598	528996	Tune-up limit
		Frequency (MHz)		2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	15.35	15.32	15.42	16.30
	Channel			507204	518598	529998	Tune-up limit
		Frequency (MHz)		2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	15.39	15.40	15.39	16.30
	Channel			506202	518598	531000	Tune-up limit
		Frequency (MHz)		2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	15.31	15.40	15.35	16.30
	Channel			505200	518598	531996	Tune-up limit
		Frequency (MHz)		2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	15.32	15.34	15.34	16.30
	Channel			504204	518598	532998	Tune-up limit
		Frequency (MHz)		2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	15.38	15.30	15.33	16.30
	Channel			503202	518598	534000	Tune-up limit
		Frequency (MHz)		2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	15.35	15.38	15.30	16.30
	Channel			502200	518598	534996	Tune-up limit
		Frequency (MHz)		2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	15.36	15.41	15.30	16.30
	Channel			501702	518598	535500	Tune-up limit

	Frequency (MHz)			2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	15.40	15.42	15.33	16.30
	Channel			501204	518598	535998	Tune-up limit
	Frequency (MHz)			2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	15.30	15.36	15.39	16.30
	Channel			500700	518598	536496	Tune-up limit
	Frequency (MHz)			2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	15.37	15.39	15.35	16.30
	Channel			500202	518598	537000	Tune-up limit
	Frequency (MHz)			2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	15.34	15.34	15.38	16.30

【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	
	Frequency (MHz)			2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	15.44	15.43	15.43	16.30
100	PI/2 BPSK	1	137	15.42	15.51	15.39	16.30
100	PI/2 BPSK	1	271	15.43	15.52	15.43	16.30
100	PI/2 BPSK	135	0	15.39	15.41	15.35	16.30
100	PI/2 BPSK	135	69	15.33	15.34	15.31	16.30
100	PI/2 BPSK	135	138	15.37	15.32	15.36	16.30
100	PI/2 BPSK	270	0	15.32	15.34	15.30	16.30
100	QPSK	1	1	15.41	15.44	15.41	16.30
100	QPSK	1	137	15.44	15.52	15.42	16.30
100	QPSK	1	271	15.43	15.51	15.39	16.30
100	QPSK	135	0	15.34	15.44	15.36	16.30
100	QPSK	135	69	15.31	15.38	15.32	16.30
100	QPSK	135	138	15.30	15.32	15.35	16.30
100	QPSK	270	0	15.37	15.37	15.36	16.30
100	16QAM	1	1	15.44	15.55	15.43	16.30
100	64QAM	1	1	15.33	15.37	15.32	16.30
100	256QAM	1	1	15.36	15.34	15.31	16.30
	Channel			508200	518598	528996	Tune-up limit
	Frequency (MHz)			2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	15.35	15.32	15.42	16.30
	Channel			507204	518598	529998	Tune-up limit
	Frequency (MHz)			2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	15.39	15.40	15.39	16.30
	Channel			506202	518598	531000	Tune-up limit
	Frequency (MHz)			2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	15.31	15.40	15.35	16.30
	Channel			505200	518598	531996	Tune-up limit
	Frequency (MHz)			2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	15.32	15.34	15.34	16.30
	Channel			504204	518598	532998	Tune-up limit
	Frequency (MHz)			2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	15.38	15.30	15.33	16.30
	Channel			503202	518598	534000	Tune-up limit
	Frequency (MHz)			2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	15.35	15.38	15.30	16.30
	Channel			502200	518598	534996	Tune-up limit
	Frequency (MHz)			2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	15.36	15.41	15.30	16.30
	Channel			501702	518598	535500	Tune-up limit
	Frequency (MHz)			2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	15.40	15.42	15.33	16.30
	Channel			501204	518598	535998	Tune-up limit
	Frequency (MHz)			2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	15.30	15.36	15.39	16.30
	Channel			500700	518598	536496	Tune-up limit
	Frequency (MHz)			2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	15.37	15.39	15.35	16.30
	Channel			500202	518598	537000	Tune-up limit
	Frequency (MHz)			2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	15.34	15.34	15.38	16.30

【FR1 n41_FCC_Ant 5_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low	Power Middle	Power High	Tune-up limit (dBm)
----------	------------	---------	-----------	-----------	--------------	------------	------------------------

				Ch. / Freq.	Ch. / Freq.	Ch. / Freq.	
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	15.99	15.98	15.97	16.30
100	PI/2 BPSK	1	137	15.94	16.16	15.96	16.30
100	PI/2 BPSK	1	271	15.96	16.17	15.95	16.30
100	PI/2 BPSK	135	0	15.91	15.92	15.81	16.30
100	PI/2 BPSK	135	69	15.84	15.87	15.78	16.30
100	PI/2 BPSK	135	138	15.75	15.79	15.75	16.30
100	PI/2 BPSK	270	0	15.86	16.00	15.82	16.30
100	QPSK	1	1	15.86	15.98	15.95	16.30
100	QPSK	1	137	15.98	16.16	15.95	16.30
100	QPSK	1	271	15.94	16.16	15.97	16.30
100	QPSK	135	0	15.88	15.96	15.81	16.30
100	QPSK	135	69	15.82	15.93	15.78	16.30
100	QPSK	135	138	15.70	15.79	15.71	16.30
100	QPSK	270	0	15.87	16.00	15.77	16.30
100	16QAM	1	1	15.95	16.08	15.97	16.30
100	64QAM	1	1	15.71	15.70	15.71	16.30
100	256QAM	1	1	15.72	15.72	15.71	16.30
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	15.86	15.92	15.95	16.30
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	15.93	15.95	15.87	16.30
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	15.89	15.92	15.93	16.30
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	15.88	15.91	15.83	16.30
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	15.97	15.93	15.83	16.30
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	15.96	15.92	15.88	16.30
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	15.90	15.92	15.96	16.30
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	15.84	15.91	15.83	16.30
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	15.85	15.87	15.86	16.30
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	15.87	15.88	15.94	16.30
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	15.95	15.90	15.87	16.30

【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	15.99	15.98	15.97	17.90
100	PI/2 BPSK	1	137	15.94	16.16	15.96	17.90
100	PI/2 BPSK	1	271	15.96	16.17	15.95	17.90
100	PI/2 BPSK	135	0	15.91	15.92	15.81	17.90
100	PI/2 BPSK	135	69	15.84	15.87	15.78	17.90
100	PI/2 BPSK	135	138	15.75	15.79	15.75	17.90
100	PI/2 BPSK	270	0	15.86	16.00	15.82	17.90
100	QPSK	1	1	15.86	15.98	15.95	17.90
100	QPSK	1	137	15.98	16.16	15.95	17.90
100	QPSK	1	271	15.94	16.16	15.97	17.90
100	QPSK	135	0	15.88	15.96	15.81	17.90
100	QPSK	135	69	15.82	15.93	15.78	17.90
100	QPSK	135	138	15.70	15.79	15.71	17.90
100	QPSK	270	0	15.87	16.00	15.77	17.90
100	16QAM	1	1	15.95	16.08	15.97	17.90

100	64QAM	1	1	15.71	15.70	15.71	17.90
100	256QAM	1	1	15.72	15.72	15.71	17.90
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	15.86	15.92	15.95	17.90
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	15.93	15.95	15.87	17.90
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	15.89	15.92	15.93	17.90
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	15.88	15.91	15.83	17.90
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	15.97	15.93	15.83	17.90
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	15.96	15.92	15.88	17.90
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	15.90	15.92	15.96	17.90
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	15.84	15.91	15.83	17.90
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	15.85	15.87	15.86	17.90
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	15.87	15.88	15.94	17.90
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	15.95	15.90	15.87	17.90

【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	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	15.99	15.98	15.97	16.30
100	PI/2 BPSK	1	137	15.94	16.16	15.96	16.30
100	PI/2 BPSK	1	271	15.96	16.17	15.95	16.30
100	PI/2 BPSK	135	0	15.91	15.92	15.81	16.30
100	PI/2 BPSK	135	69	15.84	15.87	15.78	16.30
100	PI/2 BPSK	135	138	15.75	15.79	15.75	16.30
100	PI/2 BPSK	270	0	15.86	16.00	15.82	16.30
100	QPSK	1	1	15.86	15.98	15.95	16.30
100	QPSK	1	137	15.98	16.16	15.95	16.30
100	QPSK	1	271	15.94	16.16	15.97	16.30
100	QPSK	135	0	15.88	15.96	15.81	16.30
100	QPSK	135	69	15.82	15.93	15.78	16.30
100	QPSK	135	138	15.70	15.79	15.71	16.30
100	QPSK	270	0	15.87	16.00	15.77	16.30
100	16QAM	1	1	15.95	16.08	15.97	16.30
100	64QAM	1	1	15.71	15.70	15.71	16.30
100	256QAM	1	1	15.72	15.72	15.71	16.30
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	15.86	15.92	15.95	16.30
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	15.93	15.95	15.87	16.30
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	15.89	15.92	15.93	16.30
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	15.88	15.91	15.83	16.30
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	15.97	15.93	15.83	16.30
Channel				503202	518598	534000	Tune-up limit

	Frequency (MHz)			2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	15.96	15.92	15.88	16.30
	Channel			502200	518598	534996	Tune-up limit
	Frequency (MHz)			2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	15.90	15.92	15.96	16.30
	Channel			501702	518598	535500	Tune-up limit
	Frequency (MHz)			2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	15.84	15.91	15.83	16.30
	Channel			501204	518598	535998	Tune-up limit
	Frequency (MHz)			2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	15.85	15.87	15.86	16.30
	Channel			500700	518598	536496	Tune-up limit
	Frequency (MHz)			2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	15.87	15.88	15.94	16.30
	Channel			500202	518598	537000	Tune-up limit
	Frequency (MHz)			2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	15.95	15.90	15.87	16.30

【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	18.48	18.45	18.43	19.30
100	PI/2 BPSK	1	137	18.46	18.53	18.37	19.30
100	PI/2 BPSK	1	271	18.31	18.36	18.30	19.30
100	PI/2 BPSK	135	0	18.40	18.39	18.34	19.30
100	PI/2 BPSK	135	69	18.31	18.32	18.38	19.30
100	PI/2 BPSK	135	138	18.34	18.31	18.37	19.30
100	PI/2 BPSK	270	0	18.33	18.36	18.35	19.30
100	QPSK	1	1	18.40	18.41	18.31	19.30
100	QPSK	1	137	18.46	18.50	18.34	19.30
100	QPSK	1	271	18.31	18.42	18.35	19.30
100	QPSK	135	0	18.39	18.48	18.33	19.30
100	QPSK	135	69	18.41	18.45	18.35	19.30
100	QPSK	135	138	18.33	18.37	18.34	19.30
100	QPSK	270	0	18.31	18.42	18.36	19.30
100	16QAM	1	1	18.32	18.33	18.31	19.30
100	64QAM	1	1	18.46	18.62	18.43	19.30
100	256QAM	1	1	18.33	18.39	18.36	19.30
	Channel			508200	518598	528996	Tune-up limit
	Frequency (MHz)			2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	18.36	18.32	18.38	19.30
	Channel			507204	518598	529998	Tune-up limit
	Frequency (MHz)			2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	18.45	18.37	18.37	19.30
	Channel			506202	518598	531000	Tune-up limit
	Frequency (MHz)			2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	18.47	18.34	18.40	19.30
	Channel			505200	518598	531996	Tune-up limit
	Frequency (MHz)			2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	18.37	18.32	18.35	19.30
	Channel			504204	518598	532998	Tune-up limit
	Frequency (MHz)			2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	18.43	18.37	18.38	19.30
	Channel			503202	518598	534000	Tune-up limit
	Frequency (MHz)			2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	18.39	18.35	18.31	19.30
	Channel			502200	518598	534996	Tune-up limit
	Frequency (MHz)			2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	18.45	18.38	18.37	19.30
	Channel			501702	518598	535500	Tune-up limit
	Frequency (MHz)			2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	18.35	18.40	18.41	19.30
	Channel			501204	518598	535998	Tune-up limit
	Frequency (MHz)			2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	18.40	18.35	18.35	19.30
	Channel			500700	518598	536496	Tune-up limit
	Frequency (MHz)			2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	18.44	18.37	18.39	19.30
	Channel			500202	518598	537000	Tune-up limit
	Frequency (MHz)			2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	18.41	18.41	18.30	19.30

【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	18.48	18.45	18.43	19.30
100	PI/2 BPSK	1	137	18.46	18.53	18.37	19.30
100	PI/2 BPSK	1	271	18.31	18.36	18.30	19.30
100	PI/2 BPSK	135	0	18.40	18.39	18.34	19.30
100	PI/2 BPSK	135	69	18.31	18.32	18.38	19.30
100	PI/2 BPSK	135	138	18.34	18.31	18.37	19.30
100	PI/2 BPSK	270	0	18.33	18.36	18.35	19.30
100	QPSK	1	1	18.40	18.41	18.31	19.30
100	QPSK	1	137	18.46	18.50	18.34	19.30
100	QPSK	1	271	18.31	18.42	18.35	19.30
100	QPSK	135	0	18.39	18.48	18.33	19.30
100	QPSK	135	69	18.41	18.45	18.35	19.30
100	QPSK	135	138	18.33	18.37	18.34	19.30
100	QPSK	270	0	18.31	18.42	18.36	19.30
100	16QAM	1	1	18.32	18.33	18.31	19.30
100	64QAM	1	1	18.46	18.62	18.43	19.30
100	256QAM	1	1	18.33	18.39	18.36	19.30
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	18.36	18.32	18.38	19.30
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	18.45	18.37	18.37	19.30
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	18.47	18.34	18.40	19.30
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	18.37	18.32	18.35	19.30
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	18.43	18.37	18.38	19.30
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	18.39	18.35	18.31	19.30
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	18.45	18.38	18.37	19.30
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	18.35	18.40	18.41	19.30
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	18.40	18.35	18.35	19.30
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	18.44	18.37	18.39	19.30
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	18.41	18.41	18.30	19.30

【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	19.01	19.02	19.01	19.30
100	PI/2 BPSK	1	137	19.00	19.10	19.01	19.30
100	PI/2 BPSK	1	271	18.84	18.92	18.77	19.30
100	PI/2 BPSK	135	0	18.81	18.94	18.91	19.30
100	PI/2 BPSK	135	69	18.74	18.86	18.80	19.30
100	PI/2 BPSK	135	138	18.70	18.74	18.70	19.30

100	PI/2 BPSK	270	0	18.80	18.92	18.86	19.30
100	QPSK	1	1	18.87	18.96	18.83	19.30
100	QPSK	1	137	19.01	19.07	19.01	19.30
100	QPSK	1	271	18.92	18.97	18.84	19.30
100	QPSK	135	0	19.00	19.03	18.95	19.30
100	QPSK	135	69	18.99	19.01	18.97	19.30
100	QPSK	135	138	18.76	18.84	18.76	19.30
100	QPSK	270	0	18.86	18.98	18.95	19.30
100	16QAM	1	1	18.71	18.70	18.70	19.30
100	64QAM	1	1	19.01	19.17	19.01	19.30
100	256QAM	1	1	18.85	18.90	18.82	19.30
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	18.98	18.91	19.00	19.30
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	18.93	18.95	18.87	19.30
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	19.00	18.89	18.97	19.30
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	18.89	18.91	18.86	19.30
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	18.88	18.91	18.90	19.30
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	18.91	18.94	18.92	19.30
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	19.00	18.97	19.00	19.30
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	19.00	18.99	18.87	19.30
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	18.88	18.97	18.88	19.30
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	18.94	19.00	18.93	19.30
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	18.95	18.92	18.90	19.30

【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	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	19.01	19.02	19.01	20.90
100	PI/2 BPSK	1	137	19.00	19.10	19.01	20.90
100	PI/2 BPSK	1	271	18.84	18.92	18.77	20.90
100	PI/2 BPSK	135	0	18.81	18.94	18.91	20.90
100	PI/2 BPSK	135	69	18.74	18.86	18.80	20.90
100	PI/2 BPSK	135	138	18.70	18.74	18.70	20.90
100	PI/2 BPSK	270	0	18.80	18.92	18.86	20.90
100	QPSK	1	1	18.87	18.96	18.83	20.90
100	QPSK	1	137	19.01	19.07	19.01	20.90
100	QPSK	1	271	18.92	18.97	18.84	20.90
100	QPSK	135	0	19.00	19.03	18.95	20.90
100	QPSK	135	69	18.99	19.01	18.97	20.90
100	QPSK	135	138	18.76	18.84	18.76	20.90
100	QPSK	270	0	18.86	18.98	18.95	20.90
100	16QAM	1	1	18.71	18.70	18.70	20.90
100	64QAM	1	1	19.01	19.17	19.01	20.90
100	256QAM	1	1	18.85	18.90	18.82	20.90
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	18.98	18.91	19.00	20.90
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	18.93	18.95	18.87	20.90
Channel				506202	518598	531000	Tune-up limit

	Frequency (MHz)			2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	19.00	18.89	18.97	20.90
	Channel			505200	518598	531996	Tune-up limit
	Frequency (MHz)			2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	18.89	18.91	18.86	20.90
	Channel			504204	518598	532998	Tune-up limit
	Frequency (MHz)			2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	18.88	18.91	18.90	20.90
	Channel			503202	518598	534000	Tune-up limit
	Frequency (MHz)			2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	18.91	18.94	18.92	20.90
	Channel			502200	518598	534996	Tune-up limit
	Frequency (MHz)			2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	19.00	18.97	19.00	20.90
	Channel			501702	518598	535500	Tune-up limit
	Frequency (MHz)			2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	19.00	18.99	18.87	20.90
	Channel			501204	518598	535998	Tune-up limit
	Frequency (MHz)			2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	18.88	18.97	18.88	20.90
	Channel			500700	518598	536496	Tune-up limit
	Frequency (MHz)			2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	18.94	19.00	18.93	20.90
	Channel			500202	518598	537000	Tune-up limit
	Frequency (MHz)			2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	18.95	18.92	18.90	20.90

【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	19.01	19.02	19.01	19.30
100	PI/2 BPSK	1	137	19.00	19.10	19.01	19.30
100	PI/2 BPSK	1	271	18.84	18.92	18.77	19.30
100	PI/2 BPSK	135	0	18.81	18.94	18.91	19.30
100	PI/2 BPSK	135	69	18.74	18.86	18.80	19.30
100	PI/2 BPSK	135	138	18.70	18.74	18.70	19.30
100	PI/2 BPSK	270	0	18.80	18.92	18.86	19.30
100	QPSK	1	1	18.87	18.96	18.83	19.30
100	QPSK	1	137	19.01	19.07	19.01	19.30
100	QPSK	1	271	18.92	18.97	18.84	19.30
100	QPSK	135	0	19.00	19.03	18.95	19.30
100	QPSK	135	69	18.99	19.01	18.97	19.30
100	QPSK	135	138	18.76	18.84	18.76	19.30
100	QPSK	270	0	18.86	18.98	18.95	19.30
100	16QAM	1	1	18.71	18.70	18.70	19.30
100	64QAM	1	1	19.01	19.17	19.01	19.30
100	256QAM	1	1	18.85	18.90	18.82	19.30
	Channel			508200	518598	528996	Tune-up limit
	Frequency (MHz)			2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	18.98	18.91	19.00	19.30
	Channel			507204	518598	529998	Tune-up limit
	Frequency (MHz)			2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	18.93	18.95	18.87	19.30
	Channel			506202	518598	531000	Tune-up limit
	Frequency (MHz)			2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	19.00	18.89	18.97	19.30
	Channel			505200	518598	531996	Tune-up limit
	Frequency (MHz)			2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	18.89	18.91	18.86	19.30
	Channel			504204	518598	532998	Tune-up limit
	Frequency (MHz)			2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	18.88	18.91	18.90	19.30
	Channel			503202	518598	534000	Tune-up limit
	Frequency (MHz)			2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	18.91	18.94	18.92	19.30
	Channel			502200	518598	534996	Tune-up limit
	Frequency (MHz)			2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	19.00	18.97	19.00	19.30
	Channel			501702	518598	535500	Tune-up limit
	Frequency (MHz)			2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	19.00	18.99	18.87	19.30
	Channel			501204	518598	535998	Tune-up limit

Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	18.88	18.97	18.88	19.30
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	18.94	19.00	18.93	19.30
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	18.95	18.92	18.90	19.30

<FR1 n48_Ant 6_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	13.89	19.00	13.75	14.00	19.00	14.00
40	PI/2 BPSK	1	104	13.72	18.98	13.84	14.00	19.00	14.00
40	PI/2 BPSK	50	25	13.85	22.90	13.84	14.00	23.00	14.00
40	PI/2 BPSK	1	0	14.02	19.07	13.79	14.50	19.50	14.00
40	PI/2 BPSK	1	105	13.76	19.09	13.90	14.00	19.50	14.00
40	PI/2 BPSK	100	0	13.89	22.50	13.78	14.00	22.50	14.00
40	QPSK	1	1	13.93	18.99	13.84	14.00	19.00	14.00
40	QPSK	1	104	13.73	19.12	13.91	14.00	19.50	14.00
40	QPSK	50	25	13.86	22.92	13.81	14.00	23.00	14.00
40	QPSK	1	0	14.00	19.18	13.78	14.00	19.50	14.00
40	QPSK	1	105	13.92	18.99	14.00	14.00	19.00	14.00
40	QPSK	100	0	13.94	21.97	13.88	14.00	22.00	14.00
40	16QAM	1	1	13.50	19.18	13.36	13.50	19.50	13.50
40	64QAM	1	1	13.46	19.04	13.31	13.50	19.50	13.50
40	256QAM	1	1	13.21	18.29	13.12	13.50	18.50	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	13.92	19.13	13.82	14.00	19.50	14.00
30	PI/2 BPSK	1	76	13.90	18.99	14.02	14.00	19.00	14.50
30	PI/2 BPSK	36	18	14.01	22.87	23.13	14.50	23.00	24.20
30	PI/2 BPSK	1	0	13.78	19.07	13.83	14.00	19.50	14.00
30	PI/2 BPSK	1	77	13.89	18.98	14.03	14.00	19.00	14.50
30	PI/2 BPSK	75	0	14.05	18.99	13.95	14.50	19.00	14.00
30	QPSK	1	1	14.08	18.95	13.81	14.50	19.00	14.00
30	QPSK	1	76	13.91	18.98	13.96	14.00	19.00	14.00
30	QPSK	36	18	13.98	22.86	23.11	14.00	23.00	24.20
30	QPSK	1	0	14.03	19.08	13.79	14.50	19.50	14.00
30	QPSK	1	77	14.00	19.01	13.96	14.00	19.50	14.00
30	QPSK	75	0	13.99	18.92	13.94	14.00	19.00	14.00
30	16QAM	1	1	13.47	19.11	13.35	13.50	19.50	13.50
30	64QAM	1	1	13.49	19.07	13.35	13.50	19.50	13.50
30	256QAM	1	1	13.35	18.29	13.07	13.50	18.50	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	19.06	23.26	23.04	19.50	24.20	24.20
20	PI/2 BPSK	1	49	23.13	22.92	19.22	24.20	23.00	19.50
20	PI/2 BPSK	25	12	23.16	22.89	23.19	24.20	23.00	24.20
20	PI/2 BPSK	1	0	18.95	22.34	22.48	19.00	22.50	22.50
20	PI/2 BPSK	1	50	22.69	22.38	19.24	23.00	22.50	19.50
20	PI/2 BPSK	50	0	19.23	22.41	19.19	19.50	22.50	19.50
20	QPSK	1	1	19.12	22.98	23.19	19.50	23.00	24.20
20	QPSK	1	49	23.10	23.01	19.27	24.20	24.20	19.50
20	QPSK	25	12	23.17	22.89	23.16	24.20	23.00	24.20

20	QPSK	1	0	19.09	21.92	22.14	19.50	22.00	22.50
20	QPSK	1	50	22.15	22.03	19.33	22.50	22.50	19.50
20	QPSK	50	0	19.21	21.93	19.29	19.50	22.00	19.50
20	16QAM	1	1	18.16	21.84	22.03	18.50	22.00	22.50
20	64QAM	1	1	18.17	20.45	20.50	18.50	20.50	20.50
20	256QAM	1	1	18.35	18.23	18.39	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	19.07	22.85	23.09	19.50	23.00	24.20
15	PI/2 BPSK	1	36	23.14	22.90	19.18	24.20	23.00	19.50
15	PI/2 BPSK	18	9	23.01	22.77	23.06	24.20	23.00	24.20
15	PI/2 BPSK	1	0	19.10	22.41	22.62	19.50	22.50	23.00
15	PI/2 BPSK	1	37	22.61	22.39	19.28	23.00	22.50	19.50
15	PI/2 BPSK	36	0	19.16	22.34	19.19	19.50	22.50	19.50
15	QPSK	1	1	19.15	22.94	23.20	19.50	23.00	24.20
15	QPSK	1	36	23.23	23.01	19.29	24.20	24.20	19.50
15	QPSK	18	9	23.14	22.84	23.22	24.20	23.00	24.20
15	QPSK	1	0	19.11	21.94	22.18	19.50	22.00	22.50
15	QPSK	1	37	22.19	21.88	19.28	22.50	22.00	19.50
15	QPSK	36	0	19.17	21.91	19.22	19.50	22.00	19.50
15	16QAM	1	1	18.13	21.85	22.08	18.50	22.00	22.50
15	64QAM	1	1	18.19	20.45	20.71	18.50	20.50	21.00
15	256QAM	1	1	18.35	18.25	18.45	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	23.15	22.83	23.18	24.20	23.00	24.20
10	PI/2 BPSK	1	22	23.10	22.87	23.17	24.20	23.00	24.20
10	PI/2 BPSK	12	6	23.00	22.80	23.10	23.00	23.00	24.20
10	PI/2 BPSK	1	0	22.60	22.27	22.63	23.00	22.50	23.00
10	PI/2 BPSK	1	23	22.63	22.37	22.72	23.00	22.50	23.00
10	PI/2 BPSK	24	0	22.66	22.43	22.78	23.00	22.50	23.00
10	QPSK	1	1	23.07	22.92	23.23	24.20	23.00	24.20
10	QPSK	1	22	23.28	22.90	23.29	24.20	23.00	24.20
10	QPSK	12	6	23.16	22.84	23.20	24.20	23.00	24.20
10	QPSK	1	0	22.09	21.87	22.18	22.50	22.00	22.50
10	QPSK	1	23	22.24	21.98	22.28	22.50	22.00	22.50
10	QPSK	24	0	22.19	21.89	22.24	22.50	22.00	22.50
10	16QAM	1	1	22.11	21.81	22.07	22.50	22.00	22.50
10	64QAM	1	1	20.68	20.30	20.67	21.00	20.50	21.00
10	256QAM	1	1	18.37	18.15	18.45	18.50	18.50	18.50

<FR1 n48_Ant 6_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	13.89	19.00	13.75	14.00	19.00	14.00
40	PI/2 BPSK	1	104	13.72	18.98	13.84	14.00	19.00	14.00
40	PI/2 BPSK	50	25	13.85	22.90	13.84	14.00	23.00	14.00
40	PI/2 BPSK	1	0	14.02	19.07	13.79	14.50	19.50	14.00
40	PI/2 BPSK	1	105	13.76	19.09	13.90	14.00	19.50	14.00
40	PI/2 BPSK	100	0	13.89	22.50	13.78	14.00	22.50	14.00
40	QPSK	1	1	13.93	18.99	13.84	14.00	19.00	14.00
40	QPSK	1	104	13.73	19.12	13.91	14.00	19.50	14.00

40	QPSK	50	25	13.86	22.92	13.81	14.00	23.00	14.00
40	QPSK	1	0	14.00	19.18	13.78	14.00	19.50	14.00
40	QPSK	1	105	13.92	18.99	14.00	14.00	19.00	14.00
40	QPSK	100	0	13.94	21.97	13.88	14.00	22.00	14.00
40	16QAM	1	1	13.50	19.18	13.36	13.50	19.50	13.50
40	64QAM	1	1	13.46	19.04	13.31	13.50	19.50	13.50
40	256QAM	1	1	13.21	18.29	13.12	13.50	18.50	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	13.92	19.13	13.82	14.00	19.50	14.00
30	PI/2 BPSK	1	76	13.90	18.99	14.02	14.00	19.00	14.50
30	PI/2 BPSK	36	18	14.01	22.87	23.13	14.50	23.00	23.90
30	PI/2 BPSK	1	0	13.78	19.07	13.83	14.00	19.50	14.00
30	PI/2 BPSK	1	77	13.89	18.98	14.03	14.00	19.00	14.50
30	PI/2 BPSK	75	0	14.05	18.99	13.95	14.50	19.00	14.00
30	QPSK	1	1	14.08	18.95	13.81	14.50	19.00	14.00
30	QPSK	1	76	13.91	18.98	13.96	14.00	19.00	14.00
30	QPSK	36	18	13.98	22.86	23.11	14.00	23.00	23.90
30	QPSK	1	0	14.03	19.08	13.79	14.50	19.50	14.00
30	QPSK	1	77	14.00	19.01	13.96	14.00	19.50	14.00
30	QPSK	75	0	13.99	18.92	13.94	14.00	19.00	14.00
30	16QAM	1	1	13.47	19.11	13.35	13.50	19.50	13.50
30	64QAM	1	1	13.49	19.07	13.35	13.50	19.50	13.50
30	256QAM	1	1	13.35	18.29	13.07	13.50	18.50	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	19.06	23.26	23.04	19.50	23.90	23.90
20	PI/2 BPSK	1	49	23.13	22.92	19.22	23.90	23.00	19.50
20	PI/2 BPSK	25	12	23.16	22.89	23.19	23.90	23.00	23.90
20	PI/2 BPSK	1	0	18.95	22.34	22.48	19.00	22.50	22.50
20	PI/2 BPSK	1	50	22.69	22.38	19.24	23.00	22.50	19.50
20	PI/2 BPSK	50	0	19.23	22.41	19.19	19.50	22.50	19.50
20	QPSK	1	1	19.12	22.98	23.19	19.50	23.00	23.90
20	QPSK	1	49	23.10	23.01	19.27	23.90	23.90	19.50
20	QPSK	25	12	23.17	22.89	23.16	23.90	23.00	23.90
20	QPSK	1	0	19.09	21.92	22.14	19.50	22.00	22.50
20	QPSK	1	50	22.15	22.03	19.33	22.50	22.50	19.50
20	QPSK	50	0	19.21	21.93	19.29	19.50	22.00	19.50
20	16QAM	1	1	18.16	21.84	22.03	18.50	22.00	22.50
20	64QAM	1	1	18.17	20.45	20.50	18.50	20.50	20.50
20	256QAM	1	1	18.35	18.23	18.39	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	19.07	22.85	23.09	19.50	23.00	23.90
15	PI/2 BPSK	1	36	23.14	22.90	19.18	23.90	23.00	19.50
15	PI/2 BPSK	18	9	23.01	22.77	23.06	23.90	23.00	23.90
15	PI/2 BPSK	1	0	19.10	22.41	22.62	19.50	22.50	23.00
15	PI/2 BPSK	1	37	22.61	22.39	19.28	23.00	22.50	19.50
15	PI/2 BPSK	36	0	19.16	22.34	19.19	19.50	22.50	19.50
15	QPSK	1	1	19.15	22.94	23.20	19.50	23.00	23.90
15	QPSK	1	36	23.23	23.01	19.29	23.90	23.90	19.50
15	QPSK	18	9	23.14	22.84	23.22	23.90	23.00	23.90
15	QPSK	1	0	19.11	21.94	22.18	19.50	22.00	22.50
15	QPSK	1	37	22.19	21.88	19.28	22.50	22.00	19.50
15	QPSK	36	0	19.17	21.91	19.22	19.50	22.00	19.50
15	16QAM	1	1	18.13	21.85	22.08	18.50	22.00	22.50



FCC SAR TEST REPORT

Report No. : FA5N0815-01C

15	64QAM	1	1	18.19	20.45	20.71	18.50	20.50	21.00
15	256QAM	1	1	18.35	18.25	18.45	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	23.15	22.83	23.18	23.90	23.00	23.90
10	PI/2 BPSK	1	22	23.10	22.87	23.17	23.90	23.00	23.90
10	PI/2 BPSK	12	6	23.00	22.80	23.10	23.00	23.00	23.90
10	PI/2 BPSK	1	0	22.60	22.27	22.63	23.00	22.50	23.00
10	PI/2 BPSK	1	23	22.63	22.37	22.72	23.00	22.50	23.00
10	PI/2 BPSK	24	0	22.66	22.43	22.78	23.00	22.50	23.00
10	QPSK	1	1	23.07	22.92	23.23	23.90	23.00	23.90
10	QPSK	1	22	23.28	22.90	23.29	23.90	23.00	23.90
10	QPSK	12	6	23.16	22.84	23.20	23.90	23.00	23.90
10	QPSK	1	0	22.09	21.87	22.18	22.50	22.00	22.50
10	QPSK	1	23	22.24	21.98	22.28	22.50	22.00	22.50
10	QPSK	24	0	22.19	21.89	22.24	22.50	22.00	22.50
10	16QAM	1	1	22.11	21.81	22.07	22.50	22.00	22.50
10	64QAM	1	1	20.68	20.30	20.67	21.00	20.50	21.00
10	256QAM	1	1	18.37	18.15	18.45	18.50	18.50	18.50

<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	13.89	18.84	13.75	14.00	19.00	14.00
40	PI/2 BPSK	1	104	13.72	18.80	13.84	14.00	19.00	14.00
40	PI/2 BPSK	50	25	13.85	18.90	13.84	14.00	19.50	14.00
40	PI/2 BPSK	1	0	14.02	18.86	13.79	14.50	19.50	14.00
40	PI/2 BPSK	1	105	13.76	18.93	13.90	14.00	19.50	14.00
40	PI/2 BPSK	100	0	13.89	18.87	13.78	14.00	19.50	14.00
40	QPSK	1	1	13.93	18.99	13.84	14.00	19.00	14.00
40	QPSK	1	104	13.73	18.88	13.91	14.00	19.50	14.00
40	QPSK	50	25	13.86	18.80	13.81	14.00	19.50	14.00
40	QPSK	1	0	14.00	18.84	13.78	14.00	19.50	14.00
40	QPSK	1	105	13.92	18.99	14.00	14.00	19.00	14.00
40	QPSK	100	0	13.94	18.80	13.88	14.00	19.50	14.00
40	16QAM	1	1	13.50	18.81	13.36	13.50	19.50	13.50
40	64QAM	1	1	13.46	18.86	13.31	13.50	19.50	13.50
40	256QAM	1	1	13.21	18.29	13.12	13.50	18.50	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	13.92	18.83	13.82	14.00	19.50	14.00
30	PI/2 BPSK	1	76	13.90	18.99	14.02	14.00	19.00	14.50
30	PI/2 BPSK	36	18	14.01	18.90	18.85	14.50	19.50	19.50
30	PI/2 BPSK	1	0	13.78	18.88	13.83	14.00	19.50	14.00
30	PI/2 BPSK	1	77	13.89	18.98	14.03	14.00	19.00	14.50
30	PI/2 BPSK	75	0	14.05	18.99	13.95	14.50	19.00	14.00

30	QPSK	1	1	14.08	18.95	13.81	14.50	19.00	14.00
30	QPSK	1	76	13.91	18.98	13.96	14.00	19.00	14.00
30	QPSK	36	18	13.98	18.85	18.86	14.00	19.50	19.50
30	QPSK	1	0	14.03	18.82	13.79	14.50	19.50	14.00
30	QPSK	1	77	14.00	18.90	13.96	14.00	19.50	14.00
30	QPSK	75	0	13.99	18.92	13.94	14.00	19.00	14.00
30	16QAM	1	1	13.47	18.90	13.35	13.50	19.50	13.50
30	64QAM	1	1	13.49	18.80	13.35	13.50	19.50	13.50
30	256QAM	1	1	13.35	18.29	13.07	13.50	18.50	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	18.81	18.95	18.92	19.50	19.50	19.50
20	PI/2 BPSK	1	49	18.95	18.82	18.83	19.50	19.50	19.50
20	PI/2 BPSK	25	12	18.88	18.84	18.83	19.50	19.50	19.50
20	PI/2 BPSK	1	0	18.95	18.90	18.85	19.00	19.50	19.50
20	PI/2 BPSK	1	50	18.89	18.87	18.80	19.50	19.50	19.50
20	PI/2 BPSK	50	0	18.85	18.84	18.88	19.50	19.50	19.50
20	QPSK	1	1	18.84	18.88	18.83	19.50	19.50	19.50
20	QPSK	1	49	18.81	18.85	18.90	19.50	19.50	19.50
20	QPSK	25	12	18.88	18.83	18.83	19.50	19.50	19.50
20	QPSK	1	0	18.85	18.87	18.87	19.50	19.50	19.50
20	QPSK	1	50	18.82	18.87	18.84	19.50	19.50	19.50
20	QPSK	50	0	18.84	18.86	18.88	19.50	19.50	19.50
20	16QAM	1	1	18.16	18.86	18.81	18.50	19.50	19.50
20	64QAM	1	1	18.17	18.82	18.84	18.50	19.50	19.50
20	256QAM	1	1	18.35	18.23	18.39	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	18.85	18.82	18.90	19.50	19.50	19.50
15	PI/2 BPSK	1	36	18.90	18.90	18.83	19.50	19.50	19.50
15	PI/2 BPSK	18	9	18.89	18.80	18.86	19.50	19.50	19.50
15	PI/2 BPSK	1	0	18.89	18.81	18.81	19.50	19.50	19.50
15	PI/2 BPSK	1	37	18.90	18.86	18.84	19.50	19.50	19.50
15	PI/2 BPSK	36	0	18.80	18.87	18.84	19.50	19.50	19.50
15	QPSK	1	1	18.89	18.87	18.84	19.50	19.50	19.50
15	QPSK	1	36	18.83	18.83	18.89	19.50	19.50	19.50
15	QPSK	18	9	18.86	18.80	18.80	19.50	19.50	19.50
15	QPSK	1	0	18.88	18.87	18.80	19.50	19.50	19.50
15	QPSK	1	37	18.88	18.87	18.88	19.50	19.50	19.50
15	QPSK	36	0	18.81	18.83	18.82	19.50	19.50	19.50
15	16QAM	1	1	18.13	18.88	18.82	18.50	19.50	19.50
15	64QAM	1	1	18.19	18.85	18.84	18.50	19.50	19.50
15	256QAM	1	1	18.35	18.25	18.45	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	18.88	18.89	18.85	19.50	19.50	19.50
10	PI/2 BPSK	1	22	18.87	18.80	18.81	19.50	19.50	19.50
10	PI/2 BPSK	12	6	18.87	18.81	18.82	19.50	19.50	19.50
10	PI/2 BPSK	1	0	18.82	18.90	18.81	19.50	19.50	19.50
10	PI/2 BPSK	1	23	18.88	18.88	18.89	19.50	19.50	19.50
10	PI/2 BPSK	24	0	18.86	18.89	18.80	19.50	19.50	19.50
10	QPSK	1	1	18.86	18.87	18.82	19.50	19.50	19.50
10	QPSK	1	22	18.84	18.81	18.84	19.50	19.50	19.50
10	QPSK	12	6	18.87	18.85	18.85	19.50	19.50	19.50
10	QPSK	1	0	18.80	18.87	18.80	19.50	19.50	19.50
10	QPSK	1	23	18.90	18.84	18.83	19.50	19.50	19.50

10	QPSK	24	0	18.89	18.85	18.88	19.50	19.50	19.50
10	16QAM	1	1	18.84	18.85	18.87	19.50	19.50	19.50
10	64QAM	1	1	18.81	18.80	18.80	19.50	19.50	19.50
10	256QAM	1	1	18.37	18.15	18.45	18.50	18.50	18.50

<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	13.89	15.33	13.75	14.00	16.80	14.00
40	PI/2 BPSK	1	104	13.72	15.35	13.84	14.00	16.80	14.00
40	PI/2 BPSK	50	25	13.85	15.35	13.84	14.00	16.80	14.00
40	PI/2 BPSK	1	0	14.02	15.31	13.79	14.50	16.80	14.00
40	PI/2 BPSK	1	105	13.76	15.39	13.90	14.00	16.80	14.00
40	PI/2 BPSK	100	0	13.89	15.34	13.78	14.00	16.80	14.00
40	QPSK	1	1	13.93	15.26	13.84	14.00	16.80	14.00
40	QPSK	1	104	13.73	15.32	13.91	14.00	16.80	14.00
40	QPSK	50	25	13.86	15.25	13.81	14.00	16.80	14.00
40	QPSK	1	0	14.00	15.27	13.78	14.00	16.80	14.00
40	QPSK	1	105	13.92	15.27	14.00	14.00	16.80	14.00
40	QPSK	100	0	13.94	15.26	13.88	14.00	16.80	14.00
40	16QAM	1	1	13.50	15.30	13.36	13.50	16.80	13.50
40	64QAM	1	1	13.46	15.32	13.31	13.50	16.80	13.50
40	256QAM	1	1	13.21	15.26	13.12	13.50	16.80	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	13.92	15.28	13.82	14.00	16.80	14.00
30	PI/2 BPSK	1	76	13.90	15.27	14.02	14.00	16.80	14.50
30	PI/2 BPSK	36	18	14.01	15.34	15.22	14.50	16.80	16.80
30	PI/2 BPSK	1	0	13.78	15.35	13.83	14.00	16.80	14.00
30	PI/2 BPSK	1	77	13.89	15.32	14.03	14.00	16.80	14.50
30	PI/2 BPSK	75	0	14.05	15.29	13.95	14.50	16.80	14.00
30	QPSK	1	1	14.08	15.25	13.81	14.50	16.80	14.00
30	QPSK	1	76	13.91	15.33	13.96	14.00	16.80	14.00
30	QPSK	36	18	13.98	15.30	15.32	14.00	16.80	16.80
30	QPSK	1	0	14.03	15.33	13.79	14.50	16.80	14.00
30	QPSK	1	77	14.00	15.33	13.96	14.00	16.80	14.00
30	QPSK	75	0	13.99	15.29	13.94	14.00	16.80	14.00
30	16QAM	1	1	13.47	15.34	13.35	13.50	16.80	13.50
30	64QAM	1	1	13.49	15.29	13.35	13.50	16.80	13.50
30	256QAM	1	1	13.35	15.33	13.07	13.50	16.80	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	15.25	15.40	15.35	16.80	16.80	16.80
20	PI/2 BPSK	1	49	15.43	15.29	15.28	16.80	16.80	16.80
20	PI/2 BPSK	25	12	15.37	15.31	15.29	16.80	16.80	16.80
20	PI/2 BPSK	1	0	15.28	15.34	15.30	16.80	16.80	16.80
20	PI/2 BPSK	1	50	15.28	15.33	15.28	16.80	16.80	16.80
20	PI/2 BPSK	50	0	15.30	15.34	15.28	16.80	16.80	16.80
20	QPSK	1	1	15.28	15.35	15.26	16.80	16.80	16.80
20	QPSK	1	49	15.34	15.28	15.25	16.80	16.80	16.80
20	QPSK	25	12	15.28	15.28	15.35	16.80	16.80	16.80
20	QPSK	1	0	15.26	15.28	15.29	16.80	16.80	16.80
20	QPSK	1	50	15.26	15.25	15.32	16.80	16.80	16.80
20	QPSK	50	0	15.35	15.27	15.25	16.80	16.80	16.80

20	16QAM	1	1	15.27	15.30	15.33	16.80	16.80	16.80
20	64QAM	1	1	15.32	15.30	15.26	16.80	16.80	16.80
20	256QAM	1	1	15.26	15.34	15.26	16.80	16.80	16.80
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	15.27	15.33	15.33	16.80	16.80	16.80
15	PI/2 BPSK	1	36	15.32	15.32	15.31	16.80	16.80	16.80
15	PI/2 BPSK	18	9	15.33	15.35	15.27	16.80	16.80	16.80
15	PI/2 BPSK	1	0	15.25	15.34	15.26	16.80	16.80	16.80
15	PI/2 BPSK	1	37	15.33	15.33	15.25	16.80	16.80	16.80
15	PI/2 BPSK	36	0	15.26	15.34	15.34	16.80	16.80	16.80
15	QPSK	1	1	15.33	15.31	15.34	16.80	16.80	16.80
15	QPSK	1	36	15.32	15.26	15.30	16.80	16.80	16.80
15	QPSK	18	9	15.27	15.30	15.26	16.80	16.80	16.80
15	QPSK	1	0	15.25	15.33	15.34	16.80	16.80	16.80
15	QPSK	1	37	15.28	15.34	15.34	16.80	16.80	16.80
15	QPSK	36	0	15.30	15.27	15.35	16.80	16.80	16.80
15	16QAM	1	1	15.35	15.25	15.33	16.80	16.80	16.80
15	64QAM	1	1	15.32	15.30	15.30	16.80	16.80	16.80
15	256QAM	1	1	15.26	15.32	15.29	16.80	16.80	16.80
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	15.32	15.28	15.28	16.80	16.80	16.80
10	PI/2 BPSK	1	22	15.29	15.27	15.28	16.80	16.80	16.80
10	PI/2 BPSK	12	6	15.29	15.33	15.28	16.80	16.80	16.80
10	PI/2 BPSK	1	0	15.31	15.35	15.27	16.80	16.80	16.80
10	PI/2 BPSK	1	23	15.30	15.25	15.34	16.80	16.80	16.80
10	PI/2 BPSK	24	0	15.35	15.33	15.28	16.80	16.80	16.80
10	QPSK	1	1	15.33	15.35	15.33	16.80	16.80	16.80
10	QPSK	1	22	15.27	15.28	15.33	16.80	16.80	16.80
10	QPSK	12	6	15.35	15.26	15.30	16.80	16.80	16.80
10	QPSK	1	0	15.32	15.34	15.30	16.80	16.80	16.80
10	QPSK	1	23	15.25	15.30	15.34	16.80	16.80	16.80
10	QPSK	24	0	15.29	15.25	15.33	16.80	16.80	16.80
10	16QAM	1	1	15.26	15.26	15.34	16.80	16.80	16.80
10	64QAM	1	1	15.28	15.33	15.32	16.80	16.80	16.80
10	256QAM	1	1	15.25	15.31	15.29	16.80	16.80	16.80

<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.
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	13.30	16.91	13.28	13.50	17.00	13.50
40	PI/2 BPSK	1	104	13.13	16.98	13.27	13.50	17.00	13.50
40	PI/2 BPSK	50	25	13.23	20.93	13.35	13.50	21.00	13.50
40	PI/2 BPSK	1	0	13.21	16.91	13.27	13.50	17.00	13.50
40	PI/2 BPSK	1	105	13.13	17.09	13.32	13.50	17.50	13.50
40	PI/2 BPSK	100	0	13.36	20.42	13.40	13.50	20.50	13.50
40	QPSK	1	1	13.35	16.88	13.43	13.50	17.00	13.50
40	QPSK	1	104	13.13	17.15	13.37	13.50	17.50	13.50
40	QPSK	50	25	13.25	20.91	13.31	13.50	21.00	13.50
40	QPSK	1	0	13.30	16.99	13.35	13.50	17.00	13.50
40	QPSK	1	105	13.13	17.12	13.45	13.50	17.50	13.50
40	QPSK	100	0	13.27	19.96	13.45	13.50	20.00	13.50

40	16QAM	1	1	12.90	17.00	12.93	13.00	17.00	13.00
40	64QAM	1	1	12.87	16.96	12.93	13.00	17.00	13.00
40	256QAM	1	1	12.61	16.18	12.66	13.00	16.50	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	13.22	16.90	13.26	13.50	17.00	13.50
30	PI/2 BPSK	1	76	13.16	16.97	13.37	13.50	17.00	13.50
30	PI/2 BPSK	36	18	13.27	20.79	21.17	13.50	21.00	22.70
30	PI/2 BPSK	1	0	13.32	16.89	13.33	13.50	17.00	13.50
30	PI/2 BPSK	1	77	13.18	17.06	13.38	13.50	17.50	13.50
30	PI/2 BPSK	75	0	13.27	16.98	13.46	13.50	17.00	13.50
30	QPSK	1	1	13.26	16.92	13.40	13.50	17.00	13.50
30	QPSK	1	76	13.23	17.09	13.43	13.50	17.50	13.50
30	QPSK	36	18	13.34	20.88	21.18	13.50	21.00	22.70
30	QPSK	1	0	13.29	16.88	13.40	13.50	17.00	13.50
30	QPSK	1	77	13.26	17.11	13.40	13.50	17.50	13.50
30	QPSK	75	0	13.31	16.92	13.40	13.50	17.00	13.50
30	16QAM	1	1	12.78	16.91	12.90	13.00	17.00	13.00
30	64QAM	1	1	12.85	16.87	12.84	13.00	17.00	13.00
30	256QAM	1	1	12.63	16.21	12.61	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	17.00	20.85	21.02	17.00	21.00	22.70
20	PI/2 BPSK	1	49	20.95	21.06	17.21	21.00	22.70	17.50
20	PI/2 BPSK	25	12	21.04	20.86	21.12	22.70	21.00	22.70
20	PI/2 BPSK	1	0	16.90	20.29	20.60	17.00	20.50	21.00
20	PI/2 BPSK	1	50	20.48	20.42	17.16	20.50	20.50	17.50
20	PI/2 BPSK	50	0	17.10	20.37	17.18	17.50	20.50	17.50
20	QPSK	1	1	16.97	21.02	21.22	17.00	22.70	22.70
20	QPSK	1	49	20.94	21.02	17.15	21.00	22.70	17.50
20	QPSK	25	12	21.00	20.86	21.15	21.00	21.00	22.70
20	QPSK	1	0	16.96	19.87	19.95	17.00	20.00	20.00
20	QPSK	1	50	20.02	20.00	17.17	20.50	20.00	17.50
20	QPSK	50	0	17.02	19.91	17.17	17.50	20.00	17.50
20	16QAM	1	1	16.09	19.70	20.15	16.50	20.00	20.50
20	64QAM	1	1	16.00	18.41	18.61	16.00	18.50	19.00
20	256QAM	1	1	16.24	16.14	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	16.89	20.82	21.10	17.00	21.00	22.70
15	PI/2 BPSK	1	36	20.95	20.87	17.37	21.00	21.00	17.50
15	PI/2 BPSK	18	9	20.84	20.75	21.04	21.00	21.00	22.70
15	PI/2 BPSK	1	0	16.96	20.30	20.59	17.00	20.50	21.00
15	PI/2 BPSK	1	37	20.48	20.44	17.21	20.50	20.50	17.50
15	PI/2 BPSK	36	0	17.03	20.37	17.17	17.50	20.50	17.50
15	QPSK	1	1	16.95	20.90	21.12	17.00	21.00	22.70
15	QPSK	1	36	21.10	20.99	17.13	22.70	21.00	17.50
15	QPSK	18	9	20.98	20.79	21.15	21.00	21.00	22.70
15	QPSK	1	0	16.99	19.87	20.19	17.00	20.00	20.50
15	QPSK	1	37	20.08	19.91	17.20	20.50	20.00	17.50
15	QPSK	36	0	17.03	19.88	17.16	17.50	20.00	17.50
15	16QAM	1	1	15.98	19.73	20.15	16.00	20.00	20.50
15	64QAM	1	1	16.06	18.40	18.61	16.50	18.50	19.00
15	256QAM	1	1	16.18	16.11	16.45	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	20.90	20.86	21.10	21.00	21.00	22.70
10	PI/2 BPSK	1	22	20.96	20.93	21.21	21.00	21.00	22.70
10	PI/2 BPSK	12	6	20.91	20.77	21.11	21.00	21.00	22.70
10	PI/2 BPSK	1	0	20.41	20.32	20.65	20.50	20.50	21.00
10	PI/2 BPSK	1	23	20.54	20.43	20.63	21.00	20.50	21.00
10	PI/2 BPSK	24	0	20.51	20.34	20.67	21.00	20.50	21.00
10	QPSK	1	1	21.14	20.87	21.18	22.70	21.00	22.70
10	QPSK	1	22	21.03	21.01	21.24	22.70	22.70	22.70
10	QPSK	12	6	21.02	20.83	21.10	22.70	21.00	22.70
10	QPSK	1	0	19.97	19.83	20.19	20.00	20.00	20.50
10	QPSK	1	23	20.11	19.91	20.22	20.50	20.00	20.50
10	QPSK	24	0	20.03	19.89	20.23	20.50	20.00	20.50
10	16QAM	1	1	19.98	19.87	20.17	20.00	20.00	20.50
10	64QAM	1	1	18.46	18.34	18.69	18.50	18.50	19.00
10	256QAM	1	1	16.25	16.11	16.49	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	13.30	16.91	13.28	13.50	17.00	13.50
40	PI/2 BPSK	1	104	13.13	16.98	13.27	13.50	17.00	13.50
40	PI/2 BPSK	50	25	13.23	16.80	13.35	13.50	17.50	13.50
40	PI/2 BPSK	1	0	13.21	16.91	13.27	13.50	17.00	13.50
40	PI/2 BPSK	1	105	13.13	17.09	13.32	13.50	17.50	13.50
40	PI/2 BPSK	100	0	13.36	16.82	13.40	13.50	17.50	13.50
40	QPSK	1	1	13.35	16.88	13.43	13.50	17.00	13.50
40	QPSK	1	104	13.13	16.95	13.37	13.50	17.50	13.50
40	QPSK	50	25	13.25	16.95	13.31	13.50	17.50	13.50
40	QPSK	1	0	13.30	16.99	13.35	13.50	17.00	13.50
40	QPSK	1	105	13.13	16.92	13.45	13.50	17.50	13.50
40	QPSK	100	0	13.27	16.88	13.45	13.50	17.50	13.50
40	16QAM	1	1	12.90	17.00	12.93	13.00	17.00	13.00
40	64QAM	1	1	12.87	16.96	12.93	13.00	17.00	13.00
40	256QAM	1	1	12.61	16.18	12.66	13.00	16.50	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	13.22	16.90	13.26	13.50	17.00	13.50
30	PI/2 BPSK	1	76	13.16	16.97	13.37	13.50	17.00	13.50
30	PI/2 BPSK	36	18	13.27	16.94	16.93	13.50	17.50	17.50
30	PI/2 BPSK	1	0	13.32	16.89	13.33	13.50	17.00	13.50
30	PI/2 BPSK	1	77	13.18	17.06	13.38	13.50	17.50	13.50
30	PI/2 BPSK	75	0	13.27	16.98	13.46	13.50	17.00	13.50
30	QPSK	1	1	13.26	16.92	13.40	13.50	17.00	13.50
30	QPSK	1	76	13.23	16.99	13.43	13.50	17.50	13.50
30	QPSK	36	18	13.34	16.86	16.95	13.50	17.50	17.50
30	QPSK	1	0	13.29	16.88	13.40	13.50	17.00	13.50
30	QPSK	1	77	13.26	16.91	13.40	13.50	17.50	13.50
30	QPSK	75	0	13.31	16.92	13.40	13.50	17.00	13.50
30	16QAM	1	1	12.78	16.91	12.90	13.00	17.00	13.00
30	64QAM	1	1	12.85	16.87	12.84	13.00	17.00	13.00
30	256QAM	1	1	12.63	16.21	12.61	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	17.00	16.89	16.97	17.00	17.50	17.50
20	PI/2 BPSK	1	49	16.90	16.97	17.01	17.50	17.50	17.50
20	PI/2 BPSK	25	12	16.80	16.95	16.87	17.50	17.50	17.50
20	PI/2 BPSK	1	0	16.90	16.94	16.88	17.00	17.50	17.50
20	PI/2 BPSK	1	50	16.85	16.88	16.96	17.50	17.50	17.50
20	PI/2 BPSK	50	0	17.00	16.87	16.98	17.50	17.50	17.50
20	QPSK	1	1	16.97	16.95	16.88	17.00	17.50	17.50
20	QPSK	1	49	16.86	16.91	16.95	17.50	17.50	17.50
20	QPSK	25	12	16.93	16.86	16.95	17.50	17.50	17.50
20	QPSK	1	0	16.96	16.85	16.88	17.00	17.50	17.50
20	QPSK	1	50	16.87	16.90	16.97	17.50	17.50	17.50
20	QPSK	50	0	17.02	16.86	16.97	17.50	17.50	17.50
20	16QAM	1	1	16.09	16.89	16.92	16.50	17.50	17.50
20	64QAM	1	1	16.00	16.89	16.91	16.00	17.50	17.50
20	256QAM	1	1	16.24	16.14	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	16.89	16.95	16.90	17.00	17.50	17.50
15	PI/2 BPSK	1	36	16.95	16.94	16.94	17.50	17.50	17.50
15	PI/2 BPSK	18	9	16.87	16.95	16.93	17.50	17.50	17.50
15	PI/2 BPSK	1	0	16.96	16.95	16.95	17.00	17.50	17.50
15	PI/2 BPSK	1	37	16.91	16.93	16.95	17.50	17.50	17.50
15	PI/2 BPSK	36	0	17.03	16.90	16.97	17.50	17.50	17.50
15	QPSK	1	1	16.95	16.92	16.88	17.00	17.50	17.50
15	QPSK	1	36	16.78	16.90	16.93	17.50	17.50	17.50
15	QPSK	18	9	16.94	16.92	16.91	17.50	17.50	17.50
15	QPSK	1	0	16.99	16.88	16.88	17.00	17.50	17.50
15	QPSK	1	37	16.95	16.85	17.00	17.50	17.50	17.50
15	QPSK	36	0	17.03	16.88	16.96	17.50	17.50	17.50
15	16QAM	1	1	15.98	16.91	16.89	16.00	17.50	17.50
15	64QAM	1	1	16.06	16.91	16.86	16.50	17.50	17.50
15	256QAM	1	1	16.18	16.11	16.45	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	16.88	16.88	16.91	17.50	17.50	17.50
10	PI/2 BPSK	1	22	16.95	16.91	16.87	17.50	17.50	17.50
10	PI/2 BPSK	12	6	16.85	16.88	16.86	17.50	17.50	17.50
10	PI/2 BPSK	1	0	16.90	16.90	16.85	17.50	17.50	17.50
10	PI/2 BPSK	1	23	16.95	16.88	16.88	17.50	17.50	17.50
10	PI/2 BPSK	24	0	16.90	16.85	16.85	17.50	17.50	17.50
10	QPSK	1	1	16.88	16.93	16.93	17.50	17.50	17.50
10	QPSK	1	22	16.91	16.95	16.87	17.50	17.50	17.50
10	QPSK	12	6	16.87	16.87	16.89	17.50	17.50	17.50
10	QPSK	1	0	16.88	16.91	16.86	17.50	17.50	17.50
10	QPSK	1	23	16.88	16.94	16.85	17.50	17.50	17.50
10	QPSK	24	0	16.89	16.94	16.94	17.50	17.50	17.50
10	16QAM	1	1	16.85	16.94	16.92	17.50	17.50	17.50
10	64QAM	1	1	16.89	16.93	16.89	17.50	17.50	17.50
10	256QAM	1	1	16.25	16.11	16.49	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	6416	645332
30k	Hz	Frequency (MHz)		3570	3624.99	3679.98	3570	3624.99	3679.98
40	PI/2 BPSK	1	1	13.30	15.25	13.28	13.50	15.70	13.50

40	PI/2 BPSK	1	104	13.13	15.20	13.27	13.50	15.70	13.50
40	PI/2 BPSK	50	25	13.23	15.40	13.35	13.50	15.70	13.50
40	PI/2 BPSK	1	0	13.21	15.18	13.27	13.50	15.70	13.50
40	PI/2 BPSK	1	105	13.13	15.28	13.32	13.50	15.70	13.50
40	PI/2 BPSK	100	0	13.36	15.35	13.40	13.50	15.70	13.50
40	QPSK	1	1	13.35	15.27	13.43	13.50	15.70	13.50
40	QPSK	1	104	13.13	15.19	13.37	13.50	15.70	13.50
40	QPSK	50	25	13.25	15.21	13.31	13.50	15.70	13.50
40	QPSK	1	0	13.30	15.19	13.35	13.50	15.70	13.50
40	QPSK	1	105	13.13	15.26	13.45	13.50	15.70	13.50
40	QPSK	100	0	13.27	15.24	13.45	13.50	15.70	13.50
40	16QAM	1	1	12.90	15.28	12.93	13.00	15.70	13.00
40	64QAM	1	1	12.87	15.27	12.93	13.00	15.70	13.00
40	256QAM	1	1	12.61	15.28	12.66	13.00	15.70	13.00
Sub carrier spacing		Channel		637668	641666	645666	637668	6416	645666
30k	Hz	Frequency (MHz)		3565.02	3624.99	3684.99	3565.02	3624.99	3684.99
30	PI/2 BPSK	1	1	13.22	15.26	13.26	13.50	15.70	13.50
30	PI/2 BPSK	1	76	13.16	15.24	13.37	13.50	15.70	13.50
30	PI/2 BPSK	36	18	13.27	15.20	15.36	13.50	15.70	15.70
30	PI/2 BPSK	1	0	13.32	15.18	13.33	13.50	15.70	13.50
30	PI/2 BPSK	1	77	13.18	15.27	13.38	13.50	15.70	13.50
30	PI/2 BPSK	75	0	13.27	15.24	13.46	13.50	15.70	13.50
30	QPSK	1	1	13.26	15.24	13.40	13.50	15.70	13.50
30	QPSK	1	76	13.23	15.23	13.43	13.50	15.70	13.50
30	QPSK	36	18	13.34	15.23	15.28	13.50	15.70	15.70
30	QPSK	1	0	13.29	15.20	13.40	13.50	15.70	13.50
30	QPSK	1	77	13.26	15.24	13.40	13.50	15.70	13.50
30	QPSK	75	0	13.31	15.26	13.40	13.50	15.70	13.50
30	16QAM	1	1	12.78	15.18	12.90	13.00	15.70	13.00
30	64QAM	1	1	12.85	15.27	12.84	13.00	15.70	13.00
30	256QAM	1	1	12.63	15.20	12.61	13.00	15.70	13.00
Sub carrier spacing		Channel		637334	641666	646000	637334	6416	646000
30k	Hz	Frequency (MHz)		3560.01	3624.99	3690	3560.01	3624.99	3690
20	PI/2 BPSK	1	1	15.18	15.22	15.36	15.70	15.70	15.70
20	PI/2 BPSK	1	49	15.30	15.33	15.27	15.70	15.70	15.70
20	PI/2 BPSK	25	12	15.24	15.26	15.27	15.70	15.70	15.70
20	PI/2 BPSK	1	0	15.24	15.28	15.26	15.70	15.70	15.70
20	PI/2 BPSK	1	50	15.25	15.19	15.25	15.70	15.70	15.70
20	PI/2 BPSK	50	0	15.27	15.25	15.22	15.70	15.70	15.70
20	QPSK	1	1	15.22	15.18	15.23	15.70	15.70	15.70
20	QPSK	1	49	15.28	15.26	15.22	15.70	15.70	15.70
20	QPSK	25	12	15.23	15.23	15.24	15.70	15.70	15.70
20	QPSK	1	0	15.22	15.28	15.25	15.70	15.70	15.70
20	QPSK	1	50	15.22	15.22	15.19	15.70	15.70	15.70
20	QPSK	50	0	15.26	15.25	15.25	15.70	15.70	15.70
20	16QAM	1	1	15.18	15.20	15.26	15.70	15.70	15.70
20	64QAM	1	1	15.26	15.24	15.28	15.70	15.70	15.70
20	256QAM	1	1	15.19	15.22	15.28	15.70	15.70	15.70
Sub carrier spacing		Channel		637168	641666	646166	63716	6416	64616
30k	Hz	Frequency (MHz)		3557.52	3624.99	3692.49	3557.52	3624.99	3692.49
15	PI/2 BPSK	1	1	15.24	15.25	15.28	15.70	15.70	15.70
15	PI/2 BPSK	1	36	15.25	15.24	15.21	15.70	15.70	15.70
15	PI/2 BPSK	18	9	15.26	15.25	15.25	15.70	15.70	15.70
15	PI/2 BPSK	1	0	15.24	15.26	15.22	15.70	15.70	15.70
15	PI/2 BPSK	1	37	15.21	15.22	15.22	15.70	15.70	15.70
15	PI/2 BPSK	36	0	15.21	15.21	15.25	15.70	15.70	15.70

15	QPSK	1	1	15.20	15.26	15.21	15.70	15.70	15.70
15	QPSK	1	36	15.28	15.20	15.22	15.70	15.70	15.70
15	QPSK	18	9	15.24	15.19	15.28	15.70	15.70	15.70
15	QPSK	1	0	15.28	15.24	15.21	15.70	15.70	15.70
15	QPSK	1	37	15.25	15.23	15.26	15.70	15.70	15.70
15	QPSK	36	0	15.21	15.20	15.23	15.70	15.70	15.70
15	16QAM	1	1	15.18	15.27	15.28	15.70	15.70	15.70
15	64QAM	1	1	15.22	15.24	15.18	15.70	15.70	15.70
15	256QAM	1	1	15.21	15.18	15.26	15.70	15.70	15.70
Sub carrier spacing		Channel		637000	641666	646332	637000	6416	646332
30k	Hz	Frequency (MHz)		3555	3624.99	3694.98	3555	3624.99	3694.98
10	PI/2 BPSK	1	1	15.28	15.18	15.18	15.70	15.70	15.70
10	PI/2 BPSK	1	22	15.22	15.18	15.24	15.70	15.70	15.70
10	PI/2 BPSK	12	6	15.19	15.21	15.21	15.70	15.70	15.70
10	PI/2 BPSK	1	0	15.23	15.21	15.20	15.70	15.70	15.70
10	PI/2 BPSK	1	23	15.21	15.18	15.18	15.70	15.70	15.70
10	PI/2 BPSK	24	0	15.19	15.20	15.28	15.70	15.70	15.70
10	QPSK	1	1	15.25	15.28	15.19	15.70	15.70	15.70
10	QPSK	1	22	15.18	15.23	15.28	15.70	15.70	15.70
10	QPSK	12	6	15.25	15.28	15.26	15.70	15.70	15.70
10	QPSK	1	0	15.24	15.23	15.27	15.70	15.70	15.70
10	QPSK	1	23	15.20	15.18	15.24	15.70	15.70	15.70
10	QPSK	24	0	15.24	15.23	15.27	15.70	15.70	15.70
10	16QAM	1	1	15.19	15.19	15.22	15.70	15.70	15.70
10	64QAM	1	1	15.22	15.22	15.22	15.70	15.70	15.70
10	256QAM	1	1	15.21	15.18	15.20	15.70	15.70	15.70

<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	13.66	16.01	13.68	14.00	17.50	14.00
40	PI/2 BPSK	1	104	13.64	15.95	13.52	14.00	17.50	14.00
40	PI/2 BPSK	50	25	13.63	16.05	13.59	14.00	17.50	14.00
40	PI/2 BPSK	1	0	13.59	15.92	13.67	14.00	17.50	14.00
40	PI/2 BPSK	1	105	13.79	16.05	13.56	14.00	17.50	14.00
40	PI/2 BPSK	100	0	13.71	16.02	13.56	14.00	17.50	14.00
40	QPSK	1	1	13.56	15.89	13.49	14.00	17.50	13.50
40	QPSK	1	104	13.79	15.88	13.66	14.00	17.50	14.00
40	QPSK	50	25	13.69	15.95	13.71	14.00	17.50	14.00
40	QPSK	1	0	13.69	15.92	13.53	14.00	17.50	14.00
40	QPSK	1	105	13.86	15.91	13.71	14.00	17.50	14.00
40	QPSK	100	0	13.89	15.90	13.61	14.00	17.50	14.00
40	16QAM	1	1	12.87	15.89	12.85	13.00	17.50	13.00
40	64QAM	1	1	13.34	15.79	13.21	13.50	17.50	13.50
40	256QAM	1	1	13.06	15.88	12.99	13.50	17.50	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	13.69	15.84	13.65	14.00	17.50	14.00
30	PI/2 BPSK	1	76	13.72	15.98	13.84	14.00	17.50	14.00
30	PI/2 BPSK	36	18	13.61	15.99	16.04	14.00	17.50	17.50
30	PI/2 BPSK	1	0	13.67	15.80	13.75	14.00	17.50	14.00
30	PI/2 BPSK	1	77	13.64	15.80	13.69	14.00	17.50	14.00
30	PI/2 BPSK	75	0	13.62	15.92	13.62	14.00	17.50	14.00



FCC SAR TEST REPORT

Report No. : FA5N0815-01C

30	QPSK	1	1	13.67	15.96	13.56	14.00	17.50	14.00
30	QPSK	1	76	13.73	15.80	13.74	14.00	17.50	14.00
30	QPSK	36	18	13.53	16.00	16.00	14.00	17.50	17.50
30	QPSK	1	0	13.54	15.87	13.63	14.00	17.50	14.00
30	QPSK	1	77	13.77	15.81	13.79	14.00	17.50	14.00
30	QPSK	75	0	13.68	15.98	13.76	14.00	17.50	14.00
30	16QAM	1	1	13.02	15.97	12.83	13.50	17.50	13.00
30	64QAM	1	1	13.31	15.99	13.30	13.50	17.50	13.50
30	256QAM	1	1	13.13	15.90	13.02	13.50	17.50	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	15.88	15.94	16.03	17.50	17.50	17.50
20	PI/2 BPSK	1	49	16.05	15.97	15.99	17.50	17.50	17.50
20	PI/2 BPSK	25	12	16.01	16.00	16.02	17.50	17.50	17.50
20	PI/2 BPSK	1	0	15.92	16.00	15.96	17.50	17.50	17.50
20	PI/2 BPSK	1	50	15.95	15.99	16.00	17.50	17.50	17.50
20	PI/2 BPSK	50	0	15.94	15.97	15.90	17.50	17.50	17.50
20	QPSK	1	1	15.99	15.90	15.95	17.50	17.50	17.50
20	QPSK	1	49	15.90	15.90	15.90	17.50	17.50	17.50
20	QPSK	25	12	15.92	15.96	15.99	17.50	17.50	17.50
20	QPSK	1	0	15.93	15.97	15.91	17.50	17.50	17.50
20	QPSK	1	50	15.95	15.95	15.92	17.50	17.50	17.50
20	QPSK	50	0	15.99	15.90	15.99	17.50	17.50	17.50
20	16QAM	1	1	15.91	15.95	15.91	17.50	17.50	17.50
20	64QAM	1	1	15.93	15.99	15.96	17.50	17.50	17.50
20	256QAM	1	1	15.95	15.97	16.00	17.50	17.50	17.50
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	15.95	15.96	15.91	17.50	17.50	17.50
15	PI/2 BPSK	1	36	15.92	15.94	15.92	17.50	17.50	17.50
15	PI/2 BPSK	18	9	16.00	15.96	15.94	17.50	17.50	17.50
15	PI/2 BPSK	1	0	15.95	16.00	15.92	17.50	17.50	17.50
15	PI/2 BPSK	1	37	15.96	15.94	15.95	17.50	17.50	17.50
15	PI/2 BPSK	36	0	15.98	15.94	15.98	17.50	17.50	17.50
15	QPSK	1	1	15.96	15.91	15.96	17.50	17.50	17.50
15	QPSK	1	36	15.97	15.98	15.93	17.50	17.50	17.50
15	QPSK	18	9	15.94	15.91	15.92	17.50	17.50	17.50
15	QPSK	1	0	15.95	15.96	15.93	17.50	17.50	17.50
15	QPSK	1	37	15.94	15.97	15.98	17.50	17.50	17.50
15	QPSK	36	0	15.98	15.90	16.00	17.50	17.50	17.50
15	16QAM	1	1	15.98	16.00	15.98	17.50	17.50	17.50
15	64QAM	1	1	16.00	15.93	15.90	17.50	17.50	17.50
15	256QAM	1	1	15.91	15.91	15.92	17.50	17.50	17.50
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	15.98	15.91	15.95	17.50	17.50	17.50
10	PI/2 BPSK	1	22	15.97	15.96	15.92	17.50	17.50	17.50
10	PI/2 BPSK	12	6	15.98	16.00	15.93	17.50	17.50	17.50
10	PI/2 BPSK	1	0	15.95	15.90	16.00	17.50	17.50	17.50
10	PI/2 BPSK	1	23	15.91	15.90	15.96	17.50	17.50	17.50
10	PI/2 BPSK	24	0	15.93	15.90	15.93	17.50	17.50	17.50
10	QPSK	1	1	15.99	15.98	16.00	17.50	17.50	17.50
10	QPSK	1	22	15.93	15.92	15.98	17.50	17.50	17.50
10	QPSK	12	6	15.97	15.92	15.93	17.50	17.50	17.50
10	QPSK	1	0	15.98	15.98	15.97	17.50	17.50	17.50
10	QPSK	1	23	15.99	15.95	15.92	17.50	17.50	17.50

10	QPSK	24	0	15.91	15.96	15.91	17.50	17.50	17.50
10	16QAM	1	1	15.96	15.95	15.95	17.50	17.50	17.50
10	64QAM	1	1	15.95	15.98	15.99	17.50	17.50	17.50
10	256QAM	1	1	15.98	15.91	16.00	17.50	17.50	17.50

<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	13.66	16.01	13.68	14.00	16.80	14.00
40	PI/2 BPSK	1	104	13.64	15.95	13.52	14.00	16.80	14.00
40	PI/2 BPSK	50	25	13.63	16.05	13.59	14.00	16.80	14.00
40	PI/2 BPSK	1	0	13.59	15.92	13.67	14.00	16.80	14.00
40	PI/2 BPSK	1	105	13.79	16.05	13.56	14.00	16.80	14.00
40	PI/2 BPSK	100	0	13.71	16.02	13.56	14.00	16.80	14.00
40	QPSK	1	1	13.56	15.89	13.49	14.00	16.80	13.50
40	QPSK	1	104	13.79	15.88	13.66	14.00	16.80	14.00
40	QPSK	50	25	13.69	15.95	13.71	14.00	16.80	14.00
40	QPSK	1	0	13.69	15.92	13.53	14.00	16.80	14.00
40	QPSK	1	105	13.86	15.91	13.71	14.00	16.80	14.00
40	QPSK	100	0	13.89	15.90	13.61	14.00	16.80	14.00
40	16QAM	1	1	12.87	15.89	12.85	13.00	16.80	13.00
40	64QAM	1	1	13.34	15.79	13.21	13.50	16.80	13.50
40	256QAM	1	1	13.06	15.88	12.99	13.50	16.80	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	13.69	15.84	13.65	14.00	16.80	14.00
30	PI/2 BPSK	1	76	13.72	15.98	13.84	14.00	16.80	14.00
30	PI/2 BPSK	36	18	13.61	15.99	16.04	14.00	16.80	16.80
30	PI/2 BPSK	1	0	13.67	15.80	13.75	14.00	16.80	14.00
30	PI/2 BPSK	1	77	13.64	15.80	13.69	14.00	16.80	14.00
30	PI/2 BPSK	75	0	13.62	15.92	13.62	14.00	16.80	14.00
30	QPSK	1	1	13.67	15.96	13.56	14.00	16.80	14.00
30	QPSK	1	76	13.73	15.80	13.74	14.00	16.80	14.00
30	QPSK	36	18	13.53	16.00	16.00	14.00	16.80	16.80
30	QPSK	1	0	13.54	15.87	13.63	14.00	16.80	14.00
30	QPSK	1	77	13.77	15.81	13.79	14.00	16.80	14.00
30	QPSK	75	0	13.68	15.98	13.76	14.00	16.80	14.00
30	16QAM	1	1	13.02	15.97	12.83	13.50	16.80	13.00
30	64QAM	1	1	13.31	15.99	13.30	13.50	16.80	13.50
30	256QAM	1	1	13.13	15.90	13.02	13.50	16.80	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	15.88	15.94	16.03	16.80	16.80	16.80
20	PI/2 BPSK	1	49	16.05	15.97	15.99	16.80	16.80	16.80
20	PI/2 BPSK	25	12	16.01	16.00	16.02	16.80	16.80	16.80
20	PI/2 BPSK	1	0	15.92	16.00	15.96	16.80	16.80	16.80
20	PI/2 BPSK	1	50	15.95	15.99	16.00	16.80	16.80	16.80
20	PI/2 BPSK	50	0	15.94	15.97	15.90	16.80	16.80	16.80
20	QPSK	1	1	15.99	15.90	15.95	16.80	16.80	16.80
20	QPSK	1	49	15.90	15.90	15.90	16.80	16.80	16.80
20	QPSK	25	12	15.92	15.96	15.99	16.80	16.80	16.80
20	QPSK	1	0	15.93	15.97	15.91	16.80	16.80	16.80

20	QPSK	1	50	15.95	15.95	15.92	16.80	16.80	16.80
20	QPSK	50	0	15.99	15.90	15.99	16.80	16.80	16.80
20	16QAM	1	1	15.91	15.95	15.91	16.80	16.80	16.80
20	64QAM	1	1	15.93	15.99	15.96	16.80	16.80	16.80
20	256QAM	1	1	15.95	15.97	16.00	16.80	16.80	16.80
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	15.95	15.96	15.91	16.80	16.80	16.80
15	PI/2 BPSK	1	36	15.92	15.94	15.92	16.80	16.80	16.80
15	PI/2 BPSK	18	9	16.00	15.96	15.94	16.80	16.80	16.80
15	PI/2 BPSK	1	0	15.95	16.00	15.92	16.80	16.80	16.80
15	PI/2 BPSK	1	37	15.96	15.94	15.95	16.80	16.80	16.80
15	PI/2 BPSK	36	0	15.98	15.94	15.98	16.80	16.80	16.80
15	QPSK	1	1	15.96	15.91	15.96	16.80	16.80	16.80
15	QPSK	1	36	15.97	15.98	15.93	16.80	16.80	16.80
15	QPSK	18	9	15.94	15.91	15.92	16.80	16.80	16.80
15	QPSK	1	0	15.95	15.96	15.93	16.80	16.80	16.80
15	QPSK	1	37	15.94	15.97	15.98	16.80	16.80	16.80
15	QPSK	36	0	15.98	15.90	16.00	16.80	16.80	16.80
15	16QAM	1	1	15.98	16.00	15.98	16.80	16.80	16.80
15	64QAM	1	1	16.00	15.93	15.90	16.80	16.80	16.80
15	256QAM	1	1	15.91	15.91	15.92	16.80	16.80	16.80
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	15.98	15.91	15.95	16.80	16.80	16.80
10	PI/2 BPSK	1	22	15.97	15.96	15.92	16.80	16.80	16.80
10	PI/2 BPSK	12	6	15.98	16.00	15.93	16.80	16.80	16.80
10	PI/2 BPSK	1	0	15.95	15.90	16.00	16.80	16.80	16.80
10	PI/2 BPSK	1	23	15.91	15.90	15.96	16.80	16.80	16.80
10	PI/2 BPSK	24	0	15.93	15.90	15.93	16.80	16.80	16.80
10	QPSK	1	1	15.99	15.98	16.00	16.80	16.80	16.80
10	QPSK	1	22	15.93	15.92	15.98	16.80	16.80	16.80
10	QPSK	12	6	15.97	15.92	15.93	16.80	16.80	16.80
10	QPSK	1	0	15.98	15.98	15.97	16.80	16.80	16.80
10	QPSK	1	23	15.99	15.95	15.92	16.80	16.80	16.80
10	QPSK	24	0	15.91	15.96	15.91	16.80	16.80	16.80
10	16QAM	1	1	15.96	15.95	15.95	16.80	16.80	16.80
10	64QAM	1	1	15.95	15.98	15.99	16.80	16.80	16.80
10	256QAM	1	1	15.98	15.91	16.00	16.80	16.80	16.80

<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.
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	13.66	18.51	13.68	14.00	20.30	14.00
40	PI/2 BPSK	1	104	13.64	18.41	13.52	14.00	20.30	14.00
40	PI/2 BPSK	50	25	13.63	18.55	13.59	14.00	20.30	14.00
40	PI/2 BPSK	1	0	13.59	18.41	13.67	14.00	20.30	14.00
40	PI/2 BPSK	1	105	13.79	18.56	13.56	14.00	20.30	14.00
40	PI/2 BPSK	100	0	13.71	18.55	13.56	14.00	20.30	14.00
40	QPSK	1	1	13.56	18.46	13.49	14.00	20.30	13.50
40	QPSK	1	104	13.79	18.47	13.66	14.00	20.30	14.00
40	QPSK	50	25	13.69	18.44	13.71	14.00	20.30	14.00
40	QPSK	1	0	13.69	18.40	13.53	14.00	20.30	14.00
40	QPSK	1	105	13.86	18.41	13.71	14.00	20.30	14.00



FCC SAR TEST REPORT

Report No. : FA5N0815-01C

40	QPSK	100	0	13.89	18.43	13.61	14.00	20.30	14.00
40	16QAM	1	1	12.87	18.42	12.85	13.00	20.00	13.00
40	64QAM	1	1	13.34	18.42	13.21	13.50	20.30	13.50
40	256QAM	1	1	13.06	18.46	12.99	13.50	20.00	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	13.69	18.38	13.65	14.00	20.30	14.00
30	PI/2 BPSK	1	76	13.72	18.41	13.84	14.00	20.30	14.00
30	PI/2 BPSK	36	18	13.61	18.38	18.54	14.00	20.30	20.30
30	PI/2 BPSK	1	0	13.67	18.40	13.75	14.00	20.30	14.00
30	PI/2 BPSK	1	77	13.64	18.36	13.69	14.00	20.30	14.00
30	PI/2 BPSK	75	0	13.62	18.36	13.62	14.00	20.30	14.00
30	QPSK	1	1	13.67	18.46	13.56	14.00	20.30	14.00
30	QPSK	1	76	13.73	18.31	13.74	14.00	20.30	14.00
30	QPSK	36	18	13.53	18.33	18.43	14.00	20.30	20.30
30	QPSK	1	0	13.54	18.37	13.63	14.00	20.30	14.00
30	QPSK	1	77	13.77	18.48	13.79	14.00	20.30	14.00
30	QPSK	75	0	13.68	18.39	13.76	14.00	20.30	14.00
30	16QAM	1	1	13.02	18.30	12.83	13.50	20.30	13.00
30	64QAM	1	1	13.31	18.40	13.30	13.50	20.30	13.50
30	256QAM	1	1	13.13	18.44	13.02	13.50	20.00	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	18.43	18.40	18.53	20.30	20.30	20.30
20	PI/2 BPSK	1	49	18.54	18.46	18.44	20.30	20.30	20.30
20	PI/2 BPSK	25	12	18.52	18.50	18.53	20.30	20.30	20.30
20	PI/2 BPSK	1	0	18.37	18.48	18.33	20.30	20.30	20.30
20	PI/2 BPSK	1	50	18.33	18.34	18.43	20.30	20.30	20.30
20	PI/2 BPSK	50	0	18.43	18.36	18.49	20.30	20.30	20.30
20	QPSK	1	1	18.33	18.38	18.50	20.30	20.30	20.30
20	QPSK	1	49	18.30	18.49	18.38	20.30	20.30	20.30
20	QPSK	25	12	18.32	18.40	18.49	20.30	20.30	20.30
20	QPSK	1	0	18.49	18.43	18.50	20.30	20.30	20.30
20	QPSK	1	50	18.38	18.33	18.44	20.30	20.30	20.30
20	QPSK	50	0	18.44	18.31	18.43	20.30	20.30	20.30
20	16QAM	1	1	18.32	18.38	18.35	19.00	20.30	20.30
20	64QAM	1	1	18.48	18.39	18.38	19.50	20.30	20.30
20	256QAM	1	1	18.37	18.37	18.35	20.00	20.00	20.00
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	18.34	18.48	18.48	20.30	20.30	20.30
15	PI/2 BPSK	1	36	18.49	18.47	18.31	20.30	20.30	20.30
15	PI/2 BPSK	18	9	18.38	18.46	18.49	20.30	20.30	20.30
15	PI/2 BPSK	1	0	18.47	18.38	18.49	20.30	20.30	20.30
15	PI/2 BPSK	1	37	18.36	18.50	18.42	20.30	20.30	20.30
15	PI/2 BPSK	36	0	18.32	18.33	18.33	20.30	20.30	20.30
15	QPSK	1	1	18.38	18.41	18.43	20.30	20.30	20.30
15	QPSK	1	36	18.41	18.37	18.34	20.30	20.30	20.30
15	QPSK	18	9	18.48	18.41	18.37	20.30	20.30	20.30
15	QPSK	1	0	18.31	18.34	18.47	20.30	20.30	20.30
15	QPSK	1	37	18.37	18.30	18.43	20.30	20.30	20.30
15	QPSK	36	0	18.48	18.48	18.32	20.30	20.30	20.30
15	16QAM	1	1	18.50	18.40	18.50	19.00	20.30	20.30
15	64QAM	1	1	18.50	18.35	18.47	19.50	20.30	20.30
15	256QAM	1	1	18.47	18.48	18.34	20.00	20.00	20.00
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	18.44	18.30	18.49	20.30	20.30	20.30
10	PI/2 BPSK	1	22	18.36	18.48	18.34	20.30	20.30	20.30
10	PI/2 BPSK	12	6	18.44	18.34	18.48	20.30	20.30	20.30
10	PI/2 BPSK	1	0	18.42	18.30	18.44	20.30	20.30	20.30
10	PI/2 BPSK	1	23	18.32	18.37	18.47	20.30	20.30	20.30
10	PI/2 BPSK	24	0	18.38	18.45	18.35	20.30	20.30	20.30
10	QPSK	1	1	18.44	18.41	18.49	20.30	20.30	20.30
10	QPSK	1	22	18.43	18.43	18.41	20.30	20.30	20.30
10	QPSK	12	6	18.32	18.32	18.41	20.30	20.30	20.30
10	QPSK	1	0	18.46	18.42	18.48	20.30	20.30	20.30
10	QPSK	1	23	18.49	18.30	18.50	20.30	20.30	20.30
10	QPSK	24	0	18.50	18.36	18.42	20.30	20.30	20.30
10	16QAM	1	1	18.47	18.31	18.30	20.30	20.30	20.30
10	64QAM	1	1	18.34	18.44	18.36	20.30	20.30	20.30
10	256QAM	1	1	18.33	18.34	18.40	20.00	20.00	20.00

<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	13.66	15.70	13.68	14.00	16.80	14.00
40	PI/2 BPSK	1	104	13.64	15.61	13.52	14.00	16.80	14.00
40	PI/2 BPSK	50	25	13.63	15.71	13.59	14.00	16.80	14.00
40	PI/2 BPSK	1	0	13.59	15.60	13.67	14.00	16.80	14.00
40	PI/2 BPSK	1	105	13.79	15.72	13.56	14.00	16.80	14.00
40	PI/2 BPSK	100	0	13.71	15.70	13.56	14.00	16.80	14.00
40	QPSK	1	1	13.56	15.62	13.49	14.00	16.80	13.50
40	QPSK	1	104	13.79	15.63	13.66	14.00	16.80	14.00
40	QPSK	50	25	13.69	15.61	13.71	14.00	16.80	14.00
40	QPSK	1	0	13.69	15.68	13.53	14.00	16.80	14.00
40	QPSK	1	105	13.86	15.66	13.71	14.00	16.80	14.00
40	QPSK	100	0	13.89	15.63	13.61	14.00	16.80	14.00
40	16QAM	1	1	12.87	15.61	12.85	13.00	16.80	13.00
40	64QAM	1	1	13.34	15.60	13.21	13.50	16.80	13.50
40	256QAM	1	1	13.06	15.67	12.99	13.50	16.80	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	13.69	15.40	13.65	14.00	16.80	14.00
30	PI/2 BPSK	1	76	13.72	15.54	13.84	14.00	16.80	14.00
30	PI/2 BPSK	36	18	13.61	15.59	15.70	14.00	16.80	16.80
30	PI/2 BPSK	1	0	13.67	15.50	13.75	14.00	16.80	14.00
30	PI/2 BPSK	1	77	13.64	15.56	13.69	14.00	16.80	14.00
30	PI/2 BPSK	75	0	13.62	15.44	13.62	14.00	16.80	14.00
30	QPSK	1	1	13.67	15.45	13.56	14.00	16.80	14.00
30	QPSK	1	76	13.73	15.59	13.74	14.00	16.80	14.00
30	QPSK	36	18	13.53	15.57	15.60	14.00	16.80	16.80
30	QPSK	1	0	13.54	15.50	13.63	14.00	16.80	14.00
30	QPSK	1	77	13.77	15.43	13.79	14.00	16.80	14.00
30	QPSK	75	0	13.68	15.53	13.76	14.00	16.80	14.00
30	16QAM	1	1	13.02	15.56	12.83	13.50	16.80	13.00
30	64QAM	1	1	13.31	15.49	13.30	13.50	16.80	13.50
30	256QAM	1	1	13.13	15.55	13.02	13.50	16.80	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	15.40	15.55	15.71	16.80	16.80	16.80
20	PI/2 BPSK	1	49	15.70	15.59	15.42	16.80	16.80	16.80
20	PI/2 BPSK	25	12	15.68	15.60	15.70	16.80	16.80	16.80
20	PI/2 BPSK	1	0	15.41	15.48	15.55	16.80	16.80	16.80
20	PI/2 BPSK	1	50	15.46	15.44	15.42	16.80	16.80	16.80
20	PI/2 BPSK	50	0	15.55	15.47	15.50	16.80	16.80	16.80
20	QPSK	1	1	15.54	15.43	15.55	16.80	16.80	16.80
20	QPSK	1	49	15.43	15.59	15.46	16.80	16.80	16.80
20	QPSK	25	12	15.57	15.52	15.54	16.80	16.80	16.80
20	QPSK	1	0	15.43	15.44	15.53	16.80	16.80	16.80
20	QPSK	1	50	15.51	15.50	15.42	16.80	16.80	16.80
20	QPSK	50	0	15.54	15.47	15.55	16.80	16.80	16.80
20	16QAM	1	1	15.42	15.48	15.45	16.80	16.80	16.80
20	64QAM	1	1	15.54	15.51	15.51	16.80	16.80	16.80
20	256QAM	1	1	15.51	15.58	15.46	16.80	16.80	16.80
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	15.51	15.48	15.45	16.80	16.80	16.80
15	PI/2 BPSK	1	36	15.60	15.46	15.45	16.80	16.80	16.80
15	PI/2 BPSK	18	9	15.57	15.50	15.40	16.80	16.80	16.80
15	PI/2 BPSK	1	0	15.46	15.54	15.44	16.80	16.80	16.80
15	PI/2 BPSK	1	37	15.40	15.49	15.41	16.80	16.80	16.80
15	PI/2 BPSK	36	0	15.56	15.57	15.57	16.80	16.80	16.80
15	QPSK	1	1	15.54	15.49	15.50	16.80	16.80	16.80
15	QPSK	1	36	15.42	15.51	15.43	16.80	16.80	16.80
15	QPSK	18	9	15.43	15.42	15.40	16.80	16.80	16.80
15	QPSK	1	0	15.54	15.47	15.56	16.80	16.80	16.80
15	QPSK	1	37	15.55	15.56	15.53	16.80	16.80	16.80
15	QPSK	36	0	15.53	15.40	15.57	16.80	16.80	16.80
15	16QAM	1	1	15.49	15.45	15.60	16.80	16.80	16.80
15	64QAM	1	1	15.46	15.51	15.59	16.80	16.80	16.80
15	256QAM	1	1	15.57	15.48	15.43	16.80	16.80	16.80
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	15.57	15.41	15.40	16.80	16.80	16.80
10	PI/2 BPSK	1	22	15.48	15.47	15.40	16.80	16.80	16.80
10	PI/2 BPSK	12	6	15.45	15.53	15.56	16.80	16.80	16.80
10	PI/2 BPSK	1	0	15.54	15.48	15.45	16.80	16.80	16.80
10	PI/2 BPSK	1	23	15.40	15.41	15.44	16.80	16.80	16.80
10	PI/2 BPSK	24	0	15.50	15.46	15.45	16.80	16.80	16.80
10	QPSK	1	1	15.54	15.58	15.47	16.80	16.80	16.80
10	QPSK	1	22	15.52	15.42	15.52	16.80	16.80	16.80
10	QPSK	12	6	15.49	15.54	15.53	16.80	16.80	16.80
10	QPSK	1	0	15.41	15.57	15.58	16.80	16.80	16.80
10	QPSK	1	23	15.41	15.58	15.47	16.80	16.80	16.80
10	QPSK	24	0	15.50	15.42	15.53	16.80	16.80	16.80
10	16QAM	1	1	15.54	15.49	15.55	16.80	16.80	16.80
10	64QAM	1	1	15.53	15.46	15.41	16.80	16.80	16.80
10	256QAM	1	1	15.50	15.60	15.53	16.80	16.80	16.80

<FR1 n48_Ant 5_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	12.61	16.88	12.69	13.00	18.60	13.00

40	PI/2 BPSK	1	104	12.73	16.83	12.55	13.00	18.60	13.00
40	PI/2 BPSK	50	25	12.52	16.98	12.53	13.00	18.60	13.00
40	PI/2 BPSK	1	0	12.49	17.00	12.74	12.50	18.60	13.00
40	PI/2 BPSK	1	105	12.67	16.81	12.61	13.00	18.60	13.00
40	PI/2 BPSK	100	0	12.76	16.95	12.62	13.00	18.60	13.00
40	QPSK	1	1	12.47	16.84	12.69	12.50	18.60	13.00
40	QPSK	1	104	12.76	16.72	12.59	13.00	18.60	13.00
40	QPSK	50	25	12.55	16.76	12.59	13.00	18.60	13.00
40	QPSK	1	0	12.43	16.90	12.70	12.50	18.60	13.00
40	QPSK	1	105	12.79	16.84	12.45	13.00	18.60	12.50
40	QPSK	100	0	12.74	16.72	12.67	13.00	18.60	13.00
40	16QAM	1	1	11.76	16.77	12.04	12.00	18.60	12.50
40	64QAM	1	1	12.24	16.78	12.36	12.50	18.60	12.50
40	256QAM	1	1	11.85	16.89	12.19	12.00	18.60	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	12.52	16.84	12.68	13.00	18.60	13.00
30	PI/2 BPSK	1	76	12.68	16.81	12.67	13.00	18.60	13.00
30	PI/2 BPSK	36	18	12.53	16.81	16.97	13.00	18.60	18.60
30	PI/2 BPSK	1	0	12.57	16.85	12.64	13.00	18.60	13.00
30	PI/2 BPSK	1	77	12.61	16.79	12.66	13.00	18.60	13.00
30	PI/2 BPSK	75	0	12.54	16.73	12.67	13.00	18.60	13.00
30	QPSK	1	1	12.49	16.72	12.56	12.50	18.60	13.00
30	QPSK	1	76	12.58	16.74	12.75	13.00	18.60	13.00
30	QPSK	36	18	12.48	16.70	16.88	12.50	18.60	18.60
30	QPSK	1	0	12.57	16.78	12.83	13.00	18.60	13.00
30	QPSK	1	77	12.69	16.82	12.62	13.00	18.60	13.00
30	QPSK	75	0	12.54	16.87	12.70	13.00	18.60	13.00
30	16QAM	1	1	11.97	16.75	12.10	12.00	18.60	12.50
30	64QAM	1	1	12.18	16.71	12.39	12.50	18.60	12.50
30	256QAM	1	1	11.95	16.75	12.21	12.00	18.60	12.50
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	16.81	16.84	16.95	18.60	18.60	18.60
20	PI/2 BPSK	1	49	16.94	16.72	16.70	18.60	18.60	18.60
20	PI/2 BPSK	25	12	16.94	16.78	16.75	18.60	18.60	18.60
20	PI/2 BPSK	1	0	16.84	16.79	16.87	18.60	18.60	18.60
20	PI/2 BPSK	1	50	16.70	16.83	16.75	18.60	18.60	18.60
20	PI/2 BPSK	50	0	16.80	16.86	16.75	18.60	18.60	18.60
20	QPSK	1	1	16.71	16.76	16.85	18.60	18.60	18.60
20	QPSK	1	49	16.81	16.81	16.78	18.60	18.60	18.60
20	QPSK	25	12	16.90	16.88	16.81	18.60	18.60	18.60
20	QPSK	1	0	16.73	16.89	16.81	18.60	18.60	18.60
20	QPSK	1	50	16.86	16.73	16.82	18.60	18.60	18.60
20	QPSK	50	0	16.74	16.78	16.77	18.60	18.60	18.60
20	16QAM	1	1	16.70	16.73	16.90	18.00	18.60	18.60
20	64QAM	1	1	16.88	16.79	16.84	18.50	18.60	18.60
20	256QAM	1	1	16.80	16.88	16.86	18.50	18.60	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	16.78	16.88	16.86	18.60	18.60	18.60
15	PI/2 BPSK	1	36	16.88	16.73	16.83	18.60	18.60	18.60
15	PI/2 BPSK	18	9	16.90	16.86	16.77	18.60	18.60	18.60
15	PI/2 BPSK	1	0	16.73	16.73	16.81	18.60	18.60	18.60
15	PI/2 BPSK	1	37	16.73	16.81	16.89	18.60	18.60	18.60
15	PI/2 BPSK	36	0	16.81	16.70	16.90	18.60	18.60	18.60

15	QPSK	1	1	16.83	16.79	16.88	18.60	18.60	18.60
15	QPSK	1	36	16.79	16.74	16.88	18.60	18.60	18.60
15	QPSK	18	9	16.81	16.90	16.71	18.60	18.60	18.60
15	QPSK	1	0	16.84	16.70	16.77	18.60	18.60	18.60
15	QPSK	1	37	16.88	16.73	16.85	18.60	18.60	18.60
15	QPSK	36	0	16.90	16.84	16.79	18.60	18.60	18.60
15	16QAM	1	1	16.76	16.75	16.81	18.00	18.60	18.60
15	64QAM	1	1	16.85	16.73	16.85	18.50	18.60	18.60
15	256QAM	1	1	16.90	16.73	16.76	18.50	18.60	18.60
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	16.90	16.87	16.85	18.60	18.60	18.60
10	PI/2 BPSK	1	22	16.88	16.89	16.85	18.60	18.60	18.60
10	PI/2 BPSK	12	6	16.78	16.74	16.71	18.60	18.60	18.60
10	PI/2 BPSK	1	0	16.85	16.84	16.81	18.60	18.60	18.60
10	PI/2 BPSK	1	23	16.84	16.87	16.84	18.60	18.60	18.60
10	PI/2 BPSK	24	0	16.75	16.82	16.83	18.60	18.60	18.60
10	QPSK	1	1	16.74	16.76	16.83	18.60	18.60	18.60
10	QPSK	1	22	16.87	16.70	16.80	18.60	18.60	18.60
10	QPSK	12	6	16.75	16.84	16.75	18.60	18.60	18.60
10	QPSK	1	0	16.83	16.90	16.82	18.60	18.60	18.60
10	QPSK	1	23	16.86	16.84	16.72	18.60	18.60	18.60
10	QPSK	24	0	16.70	16.70	16.80	18.60	18.60	18.60
10	16QAM	1	1	16.72	16.81	16.87	18.60	18.60	18.60
10	64QAM	1	1	16.73	16.80	16.70	18.60	18.60	18.60
10	256QAM	1	1	16.82	16.85	16.70	18.50	18.60	18.60

<FR1 n48_Ant 5_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	12.61	16.88	12.69	13.00	17.20	13.00
40	PI/2 BPSK	1	104	12.73	16.83	12.55	13.00	17.20	13.00
40	PI/2 BPSK	50	25	12.52	16.98	12.53	13.00	17.20	13.00
40	PI/2 BPSK	1	0	12.49	17.00	12.74	12.50	17.20	13.00
40	PI/2 BPSK	1	105	12.67	16.81	12.61	13.00	17.20	13.00
40	PI/2 BPSK	100	0	12.76	16.95	12.62	13.00	17.20	13.00
40	QPSK	1	1	12.47	16.84	12.69	12.50	17.20	13.00
40	QPSK	1	104	12.76	16.72	12.59	13.00	17.20	13.00
40	QPSK	50	25	12.55	16.76	12.59	13.00	17.20	13.00
40	QPSK	1	0	12.43	16.90	12.70	12.50	17.20	13.00
40	QPSK	1	105	12.79	16.84	12.45	13.00	17.20	12.50
40	QPSK	100	0	12.74	16.72	12.67	13.00	17.20	13.00
40	16QAM	1	1	11.76	16.77	12.04	12.00	17.20	12.50
40	64QAM	1	1	12.24	16.78	12.36	12.50	17.20	12.50
40	256QAM	1	1	11.85	16.89	12.19	12.00	17.20	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	12.52	16.84	12.68	13.00	17.20	13.00
30	PI/2 BPSK	1	76	12.68	16.81	12.67	13.00	17.20	13.00
30	PI/2 BPSK	36	18	12.53	16.81	16.97	13.00	17.20	17.20
30	PI/2 BPSK	1	0	12.57	16.85	12.64	13.00	17.20	13.00
30	PI/2 BPSK	1	77	12.61	16.79	12.66	13.00	17.20	13.00
30	PI/2 BPSK	75	0	12.54	16.73	12.67	13.00	17.20	13.00

30	QPSK	1	1	12.49	16.72	12.56	12.50	17.20	13.00
30	QPSK	1	76	12.58	16.74	12.75	13.00	17.20	13.00
30	QPSK	36	18	12.48	16.70	16.88	12.50	17.20	17.20
30	QPSK	1	0	12.57	16.78	12.83	13.00	17.20	13.00
30	QPSK	1	77	12.69	16.82	12.62	13.00	17.20	13.00
30	QPSK	75	0	12.54	16.87	12.70	13.00	17.20	13.00
30	16QAM	1	1	11.97	16.75	12.10	12.00	17.20	12.50
30	64QAM	1	1	12.18	16.71	12.39	12.50	17.20	12.50
30	256QAM	1	1	11.95	16.75	12.21	12.00	17.20	12.50
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	16.81	16.84	16.95	17.20	17.20	17.20
20	PI/2 BPSK	1	49	16.94	16.72	16.70	17.20	17.20	17.20
20	PI/2 BPSK	25	12	16.94	16.78	16.75	17.20	17.20	17.20
20	PI/2 BPSK	1	0	16.84	16.79	16.87	17.20	17.20	17.20
20	PI/2 BPSK	1	50	16.70	16.83	16.75	17.20	17.20	17.20
20	PI/2 BPSK	50	0	16.80	16.86	16.75	17.20	17.20	17.20
20	QPSK	1	1	16.71	16.76	16.85	17.20	17.20	17.20
20	QPSK	1	49	16.81	16.81	16.78	17.20	17.20	17.20
20	QPSK	25	12	16.90	16.88	16.81	17.20	17.20	17.20
20	QPSK	1	0	16.73	16.89	16.81	17.20	17.20	17.20
20	QPSK	1	50	16.86	16.73	16.82	17.20	17.20	17.20
20	QPSK	50	0	16.74	16.78	16.77	17.20	17.20	17.20
20	16QAM	1	1	16.70	16.73	16.90	17.20	17.20	17.20
20	64QAM	1	1	16.88	16.79	16.84	17.20	17.20	17.20
20	256QAM	1	1	16.80	16.88	16.86	17.20	17.20	17.20
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	16.78	16.88	16.86	17.20	17.20	17.20
15	PI/2 BPSK	1	36	16.88	16.73	16.83	17.20	17.20	17.20
15	PI/2 BPSK	18	9	16.90	16.86	16.77	17.20	17.20	17.20
15	PI/2 BPSK	1	0	16.73	16.73	16.81	17.20	17.20	17.20
15	PI/2 BPSK	1	37	16.73	16.81	16.89	17.20	17.20	17.20
15	PI/2 BPSK	36	0	16.81	16.70	16.90	17.20	17.20	17.20
15	QPSK	1	1	16.83	16.79	16.88	17.20	17.20	17.20
15	QPSK	1	36	16.79	16.74	16.88	17.20	17.20	17.20
15	QPSK	18	9	16.81	16.90	16.71	17.20	17.20	17.20
15	QPSK	1	0	16.84	16.70	16.77	17.20	17.20	17.20
15	QPSK	1	37	16.88	16.73	16.85	17.20	17.20	17.20
15	QPSK	36	0	16.90	16.84	16.79	17.20	17.20	17.20
15	16QAM	1	1	16.76	16.75	16.81	17.20	17.20	17.20
15	64QAM	1	1	16.85	16.73	16.85	17.20	17.20	17.20
15	256QAM	1	1	16.90	16.73	16.76	17.20	17.20	17.20
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	16.90	16.87	16.85	17.20	17.20	17.20
10	PI/2 BPSK	1	22	16.88	16.89	16.85	17.20	17.20	17.20
10	PI/2 BPSK	12	6	16.78	16.74	16.71	17.20	17.20	17.20
10	PI/2 BPSK	1	0	16.85	16.84	16.81	17.20	17.20	17.20
10	PI/2 BPSK	1	23	16.84	16.87	16.84	17.20	17.20	17.20
10	PI/2 BPSK	24	0	16.75	16.82	16.83	17.20	17.20	17.20
10	QPSK	1	1	16.74	16.76	16.83	17.20	17.20	17.20
10	QPSK	1	22	16.87	16.70	16.80	17.20	17.20	17.20
10	QPSK	12	6	16.75	16.84	16.75	17.20	17.20	17.20
10	QPSK	1	0	16.83	16.90	16.82	17.20	17.20	17.20
10	QPSK	1	23	16.86	16.84	16.72	17.20	17.20	17.20

10	QPSK	24	0	16.70	16.70	16.80	17.20	17.20	17.20
10	16QAM	1	1	16.72	16.81	16.87	17.20	17.20	17.20
10	64QAM	1	1	16.73	16.80	16.70	17.20	17.20	17.20
10	256QAM	1	1	16.82	16.85	16.70	17.20	17.20	17.20

<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	12.61	18.35	12.69	13.00	19.50	13.00
40	PI/2 BPSK	1	104	12.73	18.33	12.55	13.00	19.50	13.00
40	PI/2 BPSK	50	25	12.52	18.44	12.53	13.00	19.50	13.00
40	PI/2 BPSK	1	0	12.49	18.46	12.74	12.50	19.50	13.00
40	PI/2 BPSK	1	105	12.67	18.32	12.61	13.00	19.50	13.00
40	PI/2 BPSK	100	0	12.76	18.43	12.62	13.00	19.50	13.00
40	QPSK	1	1	12.47	18.31	12.69	12.50	19.50	13.00
40	QPSK	1	104	12.76	18.33	12.59	13.00	19.50	13.00
40	QPSK	50	25	12.55	18.35	12.59	13.00	19.50	13.00
40	QPSK	1	0	12.43	18.32	12.70	12.50	19.50	13.00
40	QPSK	1	105	12.79	18.31	12.45	13.00	19.50	12.50
40	QPSK	100	0	12.74	18.29	12.67	13.00	19.50	13.00
40	16QAM	1	1	11.76	18.36	12.04	12.00	19.50	12.50
40	64QAM	1	1	12.24	18.32	12.36	12.50	19.50	12.50
40	256QAM	1	1	11.85	18.31	12.19	12.00	19.00	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	12.52	18.28	12.68	13.00	19.50	13.00
30	PI/2 BPSK	1	76	12.68	18.25	12.67	13.00	19.50	13.00
30	PI/2 BPSK	36	18	12.53	18.35	18.43	13.00	19.50	19.50
30	PI/2 BPSK	1	0	12.57	18.24	12.64	13.00	19.50	13.00
30	PI/2 BPSK	1	77	12.61	18.22	12.66	13.00	19.50	13.00
30	PI/2 BPSK	75	0	12.54	18.32	12.67	13.00	19.50	13.00
30	QPSK	1	1	12.49	18.20	12.56	12.50	19.50	13.00
30	QPSK	1	76	12.58	18.37	12.75	13.00	19.50	13.00
30	QPSK	36	18	12.48	18.34	18.10	12.50	19.50	19.50
30	QPSK	1	0	12.57	18.40	12.83	13.00	19.50	13.00
30	QPSK	1	77	12.69	18.21	12.62	13.00	19.50	13.00
30	QPSK	75	0	12.54	18.25	12.70	13.00	19.50	13.00
30	16QAM	1	1	11.97	18.32	12.10	12.00	19.50	12.50
30	64QAM	1	1	12.18	18.23	12.39	12.50	19.50	12.50
30	256QAM	1	1	11.95	18.40	12.21	12.00	19.00	12.50
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	18.10	18.22	18.41	19.50	19.50	19.50
20	PI/2 BPSK	1	49	18.50	18.27	18.26	19.50	19.50	19.50
20	PI/2 BPSK	25	12	18.48	18.23	18.20	19.50	19.50	19.50
20	PI/2 BPSK	1	0	18.38	18.38	18.32	19.50	19.50	19.50
20	PI/2 BPSK	1	50	18.32	18.40	18.24	19.50	19.50	19.50
20	PI/2 BPSK	50	0	18.23	18.36	18.31	19.50	19.50	19.50
20	QPSK	1	1	18.30	18.21	18.32	19.50	19.50	19.50
20	QPSK	1	49	18.34	18.29	18.29	19.50	19.50	19.50
20	QPSK	25	12	18.21	18.31	18.36	19.50	19.50	19.50
20	QPSK	1	0	18.21	18.34	18.37	19.50	19.50	19.50
20	QPSK	1	50	18.22	18.38	18.38	19.50	19.50	19.50
20	QPSK	50	0	18.21	18.40	18.26	19.50	19.50	19.50

20	16QAM	1	1	17.86	18.33	18.26	18.00	19.50	19.50
20	64QAM	1	1	18.16	18.27	18.40	18.50	19.50	19.50
20	256QAM	1	1	18.42	18.22	18.44	18.50	19.00	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	18.31	18.28	18.33	19.00	19.50	19.50
15	PI/2 BPSK	1	36	18.35	18.24	18.20	19.50	19.50	19.50
15	PI/2 BPSK	18	9	18.21	18.37	18.23	19.50	19.50	19.50
15	PI/2 BPSK	1	0	18.33	18.35	18.28	19.50	19.50	19.50
15	PI/2 BPSK	1	37	18.34	18.23	18.34	19.50	19.50	19.50
15	PI/2 BPSK	36	0	18.35	18.32	18.38	19.50	19.50	19.50
15	QPSK	1	1	18.22	18.37	18.34	19.50	19.50	19.50
15	QPSK	1	36	18.20	18.27	18.24	19.50	19.50	19.50
15	QPSK	18	9	18.35	18.23	18.20	19.50	19.50	19.50
15	QPSK	1	0	18.34	18.36	18.27	19.50	19.50	19.50
15	QPSK	1	37	18.29	18.28	18.22	19.50	19.50	19.50
15	QPSK	36	0	18.39	18.40	18.39	19.00	19.50	19.50
15	16QAM	1	1	17.80	18.00	18.01	18.00	19.50	19.50
15	64QAM	1	1	18.08	18.20	18.20	18.50	19.50	19.50
15	256QAM	1	1	18.41	18.12	18.11	18.50	19.00	19.00
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	18.31	18.28	18.33	19.50	19.50	19.50
10	PI/2 BPSK	1	22	18.35	18.24	18.20	19.50	19.50	19.50
10	PI/2 BPSK	12	6	18.21	18.37	18.23	19.50	19.50	19.50
10	PI/2 BPSK	1	0	18.33	18.35	18.28	19.50	19.50	19.50
10	PI/2 BPSK	1	23	18.34	18.23	18.34	19.50	19.50	19.50
10	PI/2 BPSK	24	0	18.35	18.32	18.38	19.50	19.50	19.50
10	QPSK	1	1	18.22	18.37	18.34	19.50	19.50	19.50
10	QPSK	1	22	18.20	18.27	18.24	19.50	19.50	19.50
10	QPSK	12	6	18.35	18.23	18.20	19.50	19.50	19.50
10	QPSK	1	0	18.34	18.36	18.27	19.50	19.50	19.50
10	QPSK	1	23	18.29	18.28	18.22	19.50	19.50	19.50
10	QPSK	24	0	18.39	18.40	18.39	19.50	19.50	19.50
10	16QAM	1	1	18.40	18.39	18.32	19.50	19.50	19.50
10	64QAM	1	1	18.22	18.27	18.36	19.50	19.50	19.50
10	256QAM	1	1	18.31	18.30	18.22	18.50	19.00	19.00

<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
30k	Hz	Frequency (MHz)		3570	3624.99	3679.98	3570	3624.99	3679.98
40	PI/2 BPSK	1	1	12.61	18.35	12.69	13.00	18.50	13.00
40	PI/2 BPSK	1	104	12.73	18.33	12.55	13.00	18.50	13.00
40	PI/2 BPSK	50	25	12.52	18.44	12.53	13.00	18.50	13.00
40	PI/2 BPSK	1	0	12.49	18.46	12.74	12.50	18.50	13.00
40	PI/2 BPSK	1	105	12.67	18.32	12.61	13.00	18.50	13.00
40	PI/2 BPSK	100	0	12.76	18.43	12.62	13.00	18.50	13.00
40	QPSK	1	1	12.47	18.31	12.69	12.50	18.50	13.00
40	QPSK	1	104	12.76	18.33	12.59	13.00	18.50	13.00
40	QPSK	50	25	12.55	18.35	12.59	13.00	18.50	13.00
40	QPSK	1	0	12.43	18.32	12.70	12.50	18.50	13.00
40	QPSK	1	105	12.79	18.31	12.45	13.00	18.50	12.50
40	QPSK	100	0	12.74	18.29	12.67	13.00	18.50	13.00
40	16QAM	1	1	11.76	18.36	12.04	12.00	18.50	12.50



FCC SAR TEST REPORT

Report No. : FA5N0815-01C

40	64QAM	1	1	12.24	18.32	12.36	12.50	18.50	12.50
40	256QAM	1	1	11.85	18.31	12.19	12.00	18.50	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	12.52	18.28	12.68	13.00	18.50	13.00
30	PI/2 BPSK	1	76	12.68	18.25	12.67	13.00	18.50	13.00
30	PI/2 BPSK	36	18	12.53	18.35	18.43	13.00	18.50	18.50
30	PI/2 BPSK	1	0	12.57	18.24	12.64	13.00	18.50	13.00
30	PI/2 BPSK	1	77	12.61	18.22	12.66	13.00	18.50	13.00
30	PI/2 BPSK	75	0	12.54	18.32	12.67	13.00	18.50	13.00
30	QPSK	1	1	12.49	18.20	12.56	12.50	18.50	13.00
30	QPSK	1	76	12.58	18.37	12.75	13.00	18.50	13.00
30	QPSK	36	18	12.48	18.34	18.10	12.50	18.50	18.50
30	QPSK	1	0	12.57	18.40	12.83	13.00	18.50	13.00
30	QPSK	1	77	12.69	18.21	12.62	13.00	18.50	13.00
30	QPSK	75	0	12.54	18.25	12.70	13.00	18.50	13.00
30	16QAM	1	1	11.97	18.32	12.10	12.00	18.50	12.50
30	64QAM	1	1	12.18	18.23	12.39	12.50	18.50	12.50
30	256QAM	1	1	11.95	18.40	12.21	12.00	18.50	12.50
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	18.10	18.22	18.41	18.50	18.50	18.50
20	PI/2 BPSK	1	49	18.50	18.27	18.26	18.50	18.50	18.50
20	PI/2 BPSK	25	12	18.48	18.23	18.20	18.50	18.50	18.50
20	PI/2 BPSK	1	0	18.38	18.38	18.32	18.50	18.50	18.50
20	PI/2 BPSK	1	50	18.32	18.40	18.24	18.50	18.50	18.50
20	PI/2 BPSK	50	0	18.23	18.36	18.31	18.50	18.50	18.50
20	QPSK	1	1	18.30	18.21	18.32	18.50	18.50	18.50
20	QPSK	1	49	18.34	18.29	18.29	18.50	18.50	18.50
20	QPSK	25	12	18.21	18.31	18.36	18.50	18.50	18.50
20	QPSK	1	0	18.21	18.34	18.37	18.50	18.50	18.50
20	QPSK	1	50	18.22	18.38	18.38	18.50	18.50	18.50
20	QPSK	50	0	18.21	18.40	18.26	18.50	18.50	18.50
20	16QAM	1	1	17.86	18.33	18.26	18.00	18.50	18.50
20	64QAM	1	1	18.16	18.27	18.40	18.50	18.50	18.50
20	256QAM	1	1	18.42	18.22	18.44	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	18.31	18.28	18.33	18.50	18.50	18.50
15	PI/2 BPSK	1	36	18.35	18.24	18.20	18.50	18.50	18.50
15	PI/2 BPSK	18	9	18.21	18.37	18.23	18.50	18.50	18.50
15	PI/2 BPSK	1	0	18.33	18.35	18.28	18.50	18.50	18.50
15	PI/2 BPSK	1	37	18.34	18.23	18.34	18.50	18.50	18.50
15	PI/2 BPSK	36	0	18.35	18.32	18.38	18.50	18.50	18.50
15	QPSK	1	1	18.22	18.37	18.34	18.50	18.50	18.50
15	QPSK	1	36	18.20	18.27	18.24	18.50	18.50	18.50
15	QPSK	18	9	18.35	18.23	18.20	18.50	18.50	18.50
15	QPSK	1	0	18.34	18.36	18.27	18.50	18.50	18.50
15	QPSK	1	37	18.29	18.28	18.22	18.50	18.50	18.50
15	QPSK	36	0	18.39	18.40	18.39	18.50	18.50	18.50
15	16QAM	1	1	17.80	18.00	18.01	18.00	18.50	18.50
15	64QAM	1	1	18.08	18.20	18.20	18.50	18.50	18.50
15	256QAM	1	1	18.41	18.12	18.11	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	18.31	18.28	18.33	18.50	18.50	18.50

10	PI/2 BPSK	1	22	18.35	18.24	18.20	18.50	18.50	18.50
10	PI/2 BPSK	12	6	18.21	18.37	18.23	18.50	18.50	18.50
10	PI/2 BPSK	1	0	18.33	18.35	18.28	18.50	18.50	18.50
10	PI/2 BPSK	1	23	18.34	18.23	18.34	18.50	18.50	18.50
10	PI/2 BPSK	24	0	18.35	18.32	18.38	18.50	18.50	18.50
10	QPSK	1	1	18.22	18.37	18.34	18.50	18.50	18.50
10	QPSK	1	22	18.20	18.27	18.24	18.50	18.50	18.50
10	QPSK	12	6	18.35	18.23	18.20	18.50	18.50	18.50
10	QPSK	1	0	18.34	18.36	18.27	18.50	18.50	18.50
10	QPSK	1	23	18.29	18.28	18.22	18.50	18.50	18.50
10	QPSK	24	0	18.39	18.40	18.39	18.50	18.50	18.50
10	16QAM	1	1	18.40	18.39	18.32	18.50	18.50	18.50
10	64QAM	1	1	18.22	18.27	18.36	18.50	18.50	18.50
10	256QAM	1	1	18.31	18.30	18.22	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	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	24.16	24.29	24.19	24.80
45	PI/2 BPSK	1	120	24.32	24.41	24.40	24.80
45	PI/2 BPSK	1	240	24.20	24.28	24.29	24.80
45	PI/2 BPSK	120	0	23.91	23.89	23.84	24.30
45	PI/2 BPSK	120	60	24.35	24.39	24.41	24.80
45	PI/2 BPSK	120	120	23.87	23.88	23.85	24.30
45	PI/2 BPSK	240	0	23.86	23.87	23.84	24.30
45	QPSK	1	1	24.07	24.21	24.18	24.80
45	QPSK	1	120	24.30	24.39	24.37	24.80
45	QPSK	1	240	24.18	24.27	24.28	24.80
45	QPSK	120	0	23.42	23.42	23.39	23.80
45	QPSK	120	60	24.35	24.43	24.45	24.80
45	QPSK	120	120	23.39	23.42	23.38	23.80
45	QPSK	240	0	23.35	23.41	23.38	23.80
45	16QAM	1	1	23.44	23.52	23.38	23.80
45	64QAM	1	1	21.85	21.95	21.85	22.30
45	256QAM	1	1	19.82	19.89	19.73	20.30
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	24.10	24.16	24.09	24.80
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	24.15	24.19	24.05	24.80
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	24.03	24.22	24.10	24.80
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	24.06	24.24	24.08	24.80
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	24.03	24.22	24.11	24.80
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	24.09	24.22	24.15	24.80
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	24.05	24.27	24.17	24.80
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	24.07	24.25	24.18	24.80

【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	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	24.16	24.29	24.19	24.80
45	PI/2 BPSK	1	120	24.32	24.41	24.40	24.80
45	PI/2 BPSK	1	240	24.20	24.28	24.29	24.80
45	PI/2 BPSK	120	0	23.91	23.89	23.84	24.30
45	PI/2 BPSK	120	60	24.35	24.39	24.41	24.80
45	PI/2 BPSK	120	120	23.87	23.88	23.85	24.30
45	PI/2 BPSK	240	0	23.86	23.87	23.84	24.30
45	QPSK	1	1	24.07	24.21	24.18	24.80
45	QPSK	1	120	24.30	24.39	24.37	24.80
45	QPSK	1	240	24.18	24.27	24.28	24.80
45	QPSK	120	0	23.42	23.42	23.39	23.80
45	QPSK	120	60	24.35	24.43	24.45	24.80
45	QPSK	120	120	23.39	23.42	23.38	23.80
45	QPSK	240	0	23.35	23.41	23.38	23.80
45	16QAM	1	1	23.44	23.52	23.38	23.80
45	64QAM	1	1	21.85	21.95	21.85	22.30
45	256QAM	1	1	19.82	19.89	19.73	20.30
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	24.10	24.16	24.09	24.80
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	24.15	24.19	24.05	24.80
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	24.03	24.22	24.10	24.80
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	24.06	24.24	24.08	24.80
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	24.03	24.22	24.11	24.80
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	24.09	24.22	24.15	24.80
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	24.05	24.27	24.17	24.80
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	24.07	24.25	24.18	24.80

【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	14.53	14.64	14.55	16.50
45	PI/2 BPSK	1	120	14.61	14.69	14.71	16.50
45	PI/2 BPSK	1	240	14.52	14.62	14.58	16.50
45	PI/2 BPSK	120	0	14.70	14.72	14.64	16.50
45	PI/2 BPSK	120	60	14.68	14.75	14.70	16.50
45	PI/2 BPSK	120	120	14.66	14.72	14.68	16.50
45	PI/2 BPSK	240	0	14.65	14.71	14.65	16.50
45	QPSK	1	1	14.53	14.60	14.53	16.50
45	QPSK	1	120	14.66	14.73	14.64	16.50
45	QPSK	1	240	14.54	14.57	14.54	16.50
45	QPSK	120	0	14.74	14.76	14.68	16.50
45	QPSK	120	60	14.63	14.73	14.73	16.50
45	QPSK	120	120	14.69	14.75	14.72	16.50
45	QPSK	240	0	14.65	14.72	14.69	16.50
45	16QAM	1	1	14.61	14.70	14.60	16.50
45	64QAM	1	1	14.61	14.72	14.64	16.50
45	256QAM	1	1	14.52	14.55	14.57	16.50
Channel				346000	349000	352000	Tune-up limit

		Frequency (MHz)			1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1		14.51	14.52	14.51	16.50
	Channel				345500	349000	352500	Tune-up limit
		Frequency (MHz)			1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1		14.50	14.58	14.52	16.50
	Channel				345000	349000	353000	Tune-up limit
		Frequency (MHz)			1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1		14.50	14.50	14.51	16.50
	Channel				344500	349000	353500	Tune-up limit
		Frequency (MHz)			1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1		14.52	14.53	14.52	16.50
	Channel				344000	349000	354000	Tune-up limit
		Frequency (MHz)			1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1		14.51	14.59	14.51	16.50
	Channel				343500	349000	354500	Tune-up limit
		Frequency (MHz)			1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1		14.51	14.55	14.50	16.50
	Channel				343000	349000	355000	Tune-up limit
		Frequency (MHz)			1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1		14.50	14.51	14.50	16.50
	Channel				342500	349000	355500	Tune-up limit
		Frequency (MHz)			1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1		14.51	14.51	14.50	16.50

【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	14.53	14.64	14.55	15.10
45	PI/2 BPSK	1	120	14.61	14.69	14.71	15.10
45	PI/2 BPSK	1	240	14.52	14.62	14.58	15.10
45	PI/2 BPSK	120	0	14.70	14.72	14.64	15.10
45	PI/2 BPSK	120	60	14.68	14.75	14.70	15.10
45	PI/2 BPSK	120	120	14.66	14.72	14.68	15.10
45	PI/2 BPSK	240	0	14.65	14.71	14.65	15.10
45	QPSK	1	1	14.53	14.60	14.53	15.10
45	QPSK	1	120	14.66	14.73	14.64	15.10
45	QPSK	1	240	14.54	14.57	14.54	15.10
45	QPSK	120	0	14.74	14.76	14.68	15.10
45	QPSK	120	60	14.63	14.73	14.73	15.10
45	QPSK	120	120	14.69	14.75	14.72	15.10
45	QPSK	240	0	14.65	14.72	14.69	15.10
45	16QAM	1	1	14.61	14.70	14.60	15.10
45	64QAM	1	1	14.61	14.72	14.64	15.10
45	256QAM	1	1	14.52	14.55	14.57	15.10
	Channel			346000	349000	352000	Tune-up limit
		Frequency (MHz)		1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	14.51	14.52	14.51	15.10
	Channel			345500	349000	352500	Tune-up limit
		Frequency (MHz)		1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	14.50	14.58	14.52	15.10
	Channel			345000	349000	353000	Tune-up limit
		Frequency (MHz)		1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	14.50	14.50	14.51	15.10
	Channel			344500	349000	353500	Tune-up limit
		Frequency (MHz)		1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	14.52	14.53	14.52	15.10
	Channel			344000	349000	354000	Tune-up limit
		Frequency (MHz)		1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	14.51	14.59	14.51	15.10
	Channel			343500	349000	354500	Tune-up limit
		Frequency (MHz)		1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	14.51	14.55	14.50	15.10
	Channel			343000	349000	355000	Tune-up limit
		Frequency (MHz)		1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	14.50	14.51	14.50	15.10
	Channel			342500	349000	355500	Tune-up limit
		Frequency (MHz)		1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	14.51	14.51	14.50	15.10

【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	14.53	14.64	14.55	15.10
45	PI/2 BPSK	1	120	14.61	14.69	14.71	15.10
45	PI/2 BPSK	1	240	14.52	14.62	14.58	15.10
45	PI/2 BPSK	120	0	14.70	14.72	14.64	15.10
45	PI/2 BPSK	120	60	14.68	14.75	14.70	15.10
45	PI/2 BPSK	120	120	14.66	14.72	14.68	15.10
45	PI/2 BPSK	240	0	14.65	14.71	14.65	15.10
45	QPSK	1	1	14.53	14.60	14.53	15.10
45	QPSK	1	120	14.66	14.73	14.64	15.10
45	QPSK	1	240	14.54	14.57	14.54	15.10
45	QPSK	120	0	14.74	14.76	14.68	15.10
45	QPSK	120	60	14.63	14.73	14.73	15.10
45	QPSK	120	120	14.69	14.75	14.72	15.10
45	QPSK	240	0	14.65	14.72	14.69	15.10
45	16QAM	1	1	14.61	14.70	14.60	15.10
45	64QAM	1	1	14.61	14.72	14.64	15.10
45	256QAM	1	1	14.52	14.55	14.57	15.10
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	14.51	14.52	14.51	15.10
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	14.50	14.58	14.52	15.10
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	14.50	14.50	14.51	15.10
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	14.52	14.53	14.52	15.10
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	14.51	14.59	14.51	15.10
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	14.51	14.55	14.50	15.10
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	14.50	14.51	14.50	15.10
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	14.51	14.51	14.50	15.10

【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	20.31	20.33	20.36	21.80
45	PI/2 BPSK	1	120	20.62	20.67	20.63	21.80
45	PI/2 BPSK	1	240	20.26	20.35	20.36	21.80
45	PI/2 BPSK	120	0	20.44	20.52	20.49	21.80
45	PI/2 BPSK	120	60	20.50	20.54	20.51	21.80
45	PI/2 BPSK	120	120	20.49	20.48	20.47	21.80
45	PI/2 BPSK	240	0	20.44	20.50	20.49	21.80
45	QPSK	1	1	20.22	20.28	20.26	21.80
45	QPSK	1	120	20.39	20.47	20.36	21.80
45	QPSK	1	240	20.19	20.34	20.27	21.80
45	QPSK	120	0	20.45	20.54	20.51	21.80
45	QPSK	120	60	20.51	20.55	20.53	21.80
45	QPSK	120	120	20.51	20.50	20.48	21.80
45	QPSK	240	0	20.44	20.48	20.51	21.80
45	16QAM	1	1	20.61	20.66	20.59	21.80
45	64QAM	1	1	20.53	20.49	20.61	21.80
45	256QAM	1	1	19.67	19.61	19.55	20.50

Channel				346000	349000	352000	Tune-up limit
Frequency (MHz)				1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	20.28	20.31	20.27	21.80
Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	20.20	20.20	20.33	21.80
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	20.29	20.19	20.33	21.80
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	20.24	20.21	20.23	21.80
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	20.25	20.31	20.21	21.80
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	20.19	20.24	20.24	21.80
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	20.16	20.28	20.31	21.80
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	20.27	20.32	20.33	21.80

【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	20.31	20.33	20.36	21.10
45	PI/2 BPSK	1	120	20.62	20.67	20.63	21.10
45	PI/2 BPSK	1	240	20.26	20.35	20.36	21.10
45	PI/2 BPSK	120	0	20.44	20.52	20.49	21.10
45	PI/2 BPSK	120	60	20.50	20.54	20.51	21.10
45	PI/2 BPSK	120	120	20.49	20.48	20.47	21.10
45	PI/2 BPSK	240	0	20.44	20.50	20.49	21.10
45	QPSK	1	1	20.22	20.28	20.26	21.10
45	QPSK	1	120	20.39	20.47	20.36	21.10
45	QPSK	1	240	20.19	20.34	20.27	21.10
45	QPSK	120	0	20.45	20.54	20.51	21.10
45	QPSK	120	60	20.51	20.55	20.53	21.10
45	QPSK	120	120	20.51	20.50	20.48	21.10
45	QPSK	240	0	20.44	20.48	20.51	21.10
45	16QAM	1	1	20.61	20.66	20.59	21.10
45	64QAM	1	1	20.53	20.49	20.61	21.10
45	256QAM	1	1	19.67	19.61	19.55	20.50
Channel				346000	349000	352000	Tune-up limit
Frequency (MHz)				1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	20.28	20.31	20.27	21.10
Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	20.20	20.20	20.33	21.10
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	20.29	20.19	20.33	21.10
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	20.24	20.21	20.23	21.10
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	20.25	20.31	20.21	21.10
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	20.19	20.24	20.24	21.10
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	20.16	20.28	20.31	21.10
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	20.27	20.32	20.33	21.10

【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	22.10	22.04	22.11	24.10
45	PI/2 BPSK	1	120	22.18	22.34	22.26	24.10
45	PI/2 BPSK	1	240	22.07	22.19	22.22	24.10
45	PI/2 BPSK	120	0	22.15	22.31	22.24	24.10
45	PI/2 BPSK	120	60	22.25	22.33	22.29	24.10
45	PI/2 BPSK	120	120	22.26	22.30	22.27	24.10
45	PI/2 BPSK	240	0	22.17	22.25	22.25	24.10
45	QPSK	1	1	21.94	21.99	21.97	24.10
45	QPSK	1	120	22.08	22.23	22.25	24.10
45	QPSK	1	240	21.98	22.11	22.19	24.10
45	QPSK	120	0	22.19	22.29	22.28	24.00
45	QPSK	120	60	22.26	22.34	22.34	24.10
45	QPSK	120	120	22.26	22.34	22.27	24.00
45	QPSK	240	0	22.20	22.27	22.29	24.00
45	16QAM	1	1	22.40	22.40	22.41	24.00
45	64QAM	1	1	21.57	21.57	21.56	22.50
45	256QAM	1	1	19.41	19.40	19.39	20.50
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	22.06	22.09	22.07	24.10
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	22.05	22.11	22.06	24.10
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	21.98	21.98	21.97	24.10
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	22.01	21.92	22.06	24.10
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	22.06	21.92	22.04	24.10
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	22.05	22.00	22.07	24.10
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	22.04	21.97	22.10	24.10
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	22.01	22.00	22.08	24.10

【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	22.10	22.04	22.11	23.00
45	PI/2 BPSK	1	120	22.18	22.34	22.26	23.00
45	PI/2 BPSK	1	240	22.07	22.19	22.22	23.00
45	PI/2 BPSK	120	0	22.15	22.31	22.24	23.00
45	PI/2 BPSK	120	60	22.25	22.33	22.29	23.00
45	PI/2 BPSK	120	120	22.26	22.30	22.27	23.00
45	PI/2 BPSK	240	0	22.17	22.25	22.25	23.00
45	QPSK	1	1	21.94	21.99	21.97	23.00
45	QPSK	1	120	22.08	22.23	22.25	23.00
45	QPSK	1	240	21.98	22.11	22.19	23.00
45	QPSK	120	0	22.19	22.29	22.28	23.00
45	QPSK	120	60	22.26	22.34	22.34	23.00
45	QPSK	120	120	22.26	22.34	22.27	23.00
45	QPSK	240	0	22.20	22.27	22.29	23.00
45	16QAM	1	1	22.40	22.40	22.41	23.00
45	64QAM	1	1	21.57	21.57	21.56	22.50
45	256QAM	1	1	19.41	19.40	19.39	20.50
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	22.06	22.09	22.07	23.00

Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	22.05	22.11	22.06	23.00
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	21.98	21.98	21.97	23.00
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	22.01	21.92	22.06	23.00
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	22.06	21.92	22.04	23.00
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	22.05	22.00	22.07	23.00
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	22.04	21.97	22.10	23.00
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	22.01	22.00	22.08	23.00

【FR1 n66_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				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	22.10	22.04	22.11	23.00
45	PI/2 BPSK	1	120	22.18	22.34	22.26	23.00
45	PI/2 BPSK	1	240	22.07	22.19	22.22	23.00
45	PI/2 BPSK	120	0	22.15	22.31	22.24	23.00
45	PI/2 BPSK	120	60	22.25	22.33	22.29	23.00
45	PI/2 BPSK	120	120	22.26	22.30	22.27	23.00
45	PI/2 BPSK	240	0	22.17	22.25	22.25	23.00
45	QPSK	1	1	21.94	21.99	21.97	23.00
45	QPSK	1	120	22.08	22.23	22.25	23.00
45	QPSK	1	240	21.98	22.11	22.19	23.00
45	QPSK	120	0	22.19	22.29	22.28	23.00
45	QPSK	120	60	22.26	22.34	22.34	23.00
45	QPSK	120	120	22.26	22.34	22.27	23.00
45	QPSK	240	0	22.20	22.27	22.29	23.00
45	16QAM	1	1	22.40	22.40	22.41	23.00
45	64QAM	1	1	21.57	21.57	21.56	22.50
45	256QAM	1	1	19.41	19.40	19.39	20.50
Channel				346000	349000	352000	Tune-up limit
Frequency (MHz)				1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	22.06	22.09	22.07	23.00
Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	22.05	22.11	22.06	23.00
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	21.98	21.98	21.97	23.00
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	22.01	21.92	22.06	23.00
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	22.06	21.92	22.04	23.00
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	22.05	22.00	22.07	23.00
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	22.04	21.97	22.10	23.00
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	22.01	22.00	22.08	23.00

【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	24.21	24.27	24.22	25.00
45	PI/2 BPSK	1	120	24.32	24.38	24.35	25.00
45	PI/2 BPSK	1	240	24.15	24.21	24.22	25.00
45	PI/2 BPSK	120	0	23.92	23.88	23.84	24.50
45	PI/2 BPSK	120	60	24.35	24.37	24.36	25.00
45	PI/2 BPSK	120	120	23.83	23.82	23.91	24.50
45	PI/2 BPSK	240	0	23.84	23.82	23.80	24.50
45	QPSK	1	1	24.09	24.25	24.18	25.00
45	QPSK	1	120	24.28	24.36	24.32	25.00
45	QPSK	1	240	24.10	24.22	24.25	25.00
45	QPSK	120	0	23.42	23.39	23.37	24.00
45	QPSK	120	60	24.36	24.41	24.40	25.00
45	QPSK	120	120	23.35	23.33	23.40	24.00
45	QPSK	240	0	23.34	23.36	23.32	24.00
45	16QAM	1	1	23.45	23.51	23.37	24.00
45	64QAM	1	1	21.87	21.99	21.84	22.50
45	256QAM	1	1	19.82	19.91	19.71	20.50
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	24.11	24.14	24.11	25.00
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	24.17	24.16	24.12	25.00
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	24.12	24.13	24.07	25.00
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	24.19	24.13	24.10	25.00
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	24.13	24.15	24.14	25.00
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	24.14	24.21	24.20	25.00
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	24.09	24.17	24.13	25.00
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	24.13	24.13	24.20	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	24.21	24.27	24.22	25.00
45	PI/2 BPSK	1	120	24.32	24.38	24.35	25.00
45	PI/2 BPSK	1	240	24.15	24.21	24.22	25.00
45	PI/2 BPSK	120	0	23.92	23.88	23.84	24.50
45	PI/2 BPSK	120	60	24.35	24.37	24.36	25.00
45	PI/2 BPSK	120	120	23.83	23.82	23.91	24.50
45	PI/2 BPSK	240	0	23.84	23.82	23.80	24.50
45	QPSK	1	1	24.09	24.25	24.18	25.00
45	QPSK	1	120	24.28	24.36	24.32	25.00
45	QPSK	1	240	24.10	24.22	24.25	25.00
45	QPSK	120	0	23.42	23.39	23.37	24.00
45	QPSK	120	60	24.36	24.41	24.40	25.00
45	QPSK	120	120	23.35	23.33	23.40	24.00
45	QPSK	240	0	23.34	23.36	23.32	24.00
45	16QAM	1	1	23.45	23.51	23.37	24.00
45	64QAM	1	1	21.87	21.99	21.84	22.50
45	256QAM	1	1	19.82	19.91	19.71	20.50
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	24.11	24.14	24.11	25.00

Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	24.17	24.16	24.12	25.00
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	24.12	24.13	24.07	25.00
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	24.19	24.13	24.10	25.00
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	24.13	24.15	24.14	25.00
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	24.14	24.21	24.20	25.00
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	24.09	24.17	24.13	25.00
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	24.13	24.13	24.20	25.00

【FR1 n66_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				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	20.70	20.77	20.73	21.80
45	PI/2 BPSK	1	120	20.81	20.89	20.86	21.80
45	PI/2 BPSK	1	240	20.72	20.79	20.73	21.80
45	PI/2 BPSK	120	0	20.87	20.88	20.81	21.80
45	PI/2 BPSK	120	60	20.82	20.86	20.88	21.80
45	PI/2 BPSK	120	120	20.82	20.84	20.89	21.80
45	PI/2 BPSK	240	0	20.79	20.88	20.77	21.80
45	QPSK	1	1	20.74	20.76	20.73	21.80
45	QPSK	1	120	20.79	20.87	20.85	21.80
45	QPSK	1	240	20.76	20.76	20.75	21.80
45	QPSK	120	0	20.91	20.87	20.81	21.80
45	QPSK	120	60	20.84	20.85	20.88	21.80
45	QPSK	120	120	20.84	20.85	20.86	21.80
45	QPSK	240	0	20.80	20.88	20.86	21.80
45	16QAM	1	1	20.86	20.97	20.78	21.80
45	64QAM	1	1	20.83	21.05	20.86	21.80
45	256QAM	1	1	19.52	19.67	19.52	20.50
Channel				346000	349000	352000	Tune-up limit
Frequency (MHz)				1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	20.71	20.72	20.70	21.80
Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	20.70	20.71	20.70	21.80
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	20.71	20.70	20.71	21.80
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	20.70	20.71	20.72	21.80
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	20.70	20.70	20.72	21.80
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	20.70	20.71	20.71	21.80
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	20.70	20.70	20.71	21.80
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	20.70	20.70	20.70	21.80

【FR1 n66_Ant 2_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit
----------	------------	---------	-----------	-------	-------	-------	---------------

				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	20.70	20.77	20.73	21.30
45	PI/2 BPSK	1	120	20.81	20.89	20.86	21.30
45	PI/2 BPSK	1	240	20.72	20.79	20.73	21.30
45	PI/2 BPSK	120	0	20.87	20.88	20.81	21.30
45	PI/2 BPSK	120	60	20.82	20.86	20.88	21.30
45	PI/2 BPSK	120	120	20.82	20.84	20.89	21.30
45	PI/2 BPSK	240	0	20.79	20.88	20.77	21.30
45	QPSK	1	1	20.74	20.76	20.73	21.30
45	QPSK	1	120	20.79	20.87	20.85	21.30
45	QPSK	1	240	20.76	20.76	20.75	21.30
45	QPSK	120	0	20.91	20.87	20.81	21.30
45	QPSK	120	60	20.84	20.85	20.88	21.30
45	QPSK	120	120	20.84	20.85	20.86	21.30
45	QPSK	240	0	20.80	20.88	20.86	21.30
45	16QAM	1	1	20.86	20.97	20.78	21.30
45	64QAM	1	1	20.83	21.05	20.86	21.30
45	256QAM	1	1	19.52	19.67	19.52	20.50
Channel				346000	349000	352000	Tune-up limit
Frequency (MHz)				1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	20.71	20.72	20.70	21.30
Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	20.70	20.71	20.70	21.30
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	20.71	20.70	20.71	21.30
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	20.70	20.71	20.72	21.30
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	20.70	20.70	20.72	21.30
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	20.70	20.71	20.71	21.30
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	20.70	20.70	20.71	21.30
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	20.70	20.70	20.70	21.30

【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	20.70	20.77	20.73	21.30
45	PI/2 BPSK	1	120	20.81	20.89	20.86	21.30
45	PI/2 BPSK	1	240	20.72	20.79	20.73	21.30
45	PI/2 BPSK	120	0	20.87	20.88	20.81	21.30
45	PI/2 BPSK	120	60	20.82	20.86	20.88	21.30
45	PI/2 BPSK	120	120	20.82	20.84	20.89	21.30
45	PI/2 BPSK	240	0	20.79	20.88	20.77	21.30
45	QPSK	1	1	20.74	20.76	20.73	21.30
45	QPSK	1	120	20.79	20.87	20.85	21.30
45	QPSK	1	240	20.76	20.76	20.75	21.30
45	QPSK	120	0	20.91	20.87	20.81	21.30
45	QPSK	120	60	20.84	20.85	20.88	21.30
45	QPSK	120	120	20.84	20.85	20.86	21.30
45	QPSK	240	0	20.80	20.88	20.86	21.30
45	16QAM	1	1	20.86	20.97	20.78	21.30
45	64QAM	1	1	20.83	21.05	20.86	21.30
45	256QAM	1	1	19.52	19.67	19.52	20.50
Channel				346000	349000	352000	Tune-up limit
Frequency (MHz)				1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	20.71	20.72	20.70	21.30
Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	20.70	20.71	20.70	21.30

Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	20.71	20.70	20.71	21.30
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	20.70	20.71	20.72	21.30
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	20.70	20.70	20.72	21.30
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	20.70	20.71	20.71	21.30
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	20.70	20.70	20.71	21.30
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	20.70	20.70	20.70	21.30

【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	17.16	17.10	17.07	18.60
45	PI/2 BPSK	1	120	17.18	17.28	17.21	18.60
45	PI/2 BPSK	1	240	17.04	17.13	17.15	18.60
45	PI/2 BPSK	120	0	17.24	17.29	17.24	18.60
45	PI/2 BPSK	120	60	17.26	17.26	17.25	18.60
45	PI/2 BPSK	120	120	17.21	17.23	17.28	18.60
45	PI/2 BPSK	240	0	17.20	17.19	17.24	18.60
45	QPSK	1	1	17.15	17.01	17.01	18.60
45	QPSK	1	120	17.16	17.22	17.14	18.60
45	QPSK	1	240	16.95	17.08	17.04	18.60
45	QPSK	120	0	17.26	17.30	17.28	18.60
45	QPSK	120	60	17.26	17.28	17.29	18.60
45	QPSK	120	120	17.21	17.27	17.30	18.60
45	QPSK	240	0	17.19	17.25	17.29	18.60
45	16QAM	1	1	17.25	17.25	17.22	18.60
45	64QAM	1	1	17.23	17.24	17.29	18.60
45	256QAM	1	1	17.28	17.23	17.15	18.60
Channel				346000	349000	352000	Tune-up limit
Frequency (MHz)				1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	17.04	17.04	16.96	18.60
Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	17.05	16.99	16.99	18.60
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	17.03	17.05	16.95	18.60
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	17.14	17.09	16.98	18.60
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	17.02	16.96	16.99	18.60
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	17.04	16.95	16.99	18.60
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	17.05	17.08	17.01	18.60
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	17.10	17.06	17.03	18.60

【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	17.16	17.10	17.07	17.30
45	PI/2 BPSK	1	120	17.18	17.28	17.21	17.30
45	PI/2 BPSK	1	240	17.04	17.13	17.15	17.30
45	PI/2 BPSK	120	0	17.24	17.29	17.24	17.30
45	PI/2 BPSK	120	60	17.26	17.26	17.25	17.30
45	PI/2 BPSK	120	120	17.21	17.23	17.28	17.30
45	PI/2 BPSK	240	0	17.20	17.19	17.24	17.30
45	QPSK	1	1	17.15	17.01	17.01	17.30
45	QPSK	1	120	17.16	17.22	17.14	17.30
45	QPSK	1	240	16.95	17.08	17.04	17.30
45	QPSK	120	0	17.26	17.30	17.28	17.30
45	QPSK	120	60	17.26	17.28	17.29	17.30
45	QPSK	120	120	17.21	17.27	17.30	17.30
45	QPSK	240	0	17.19	17.25	17.29	17.30
45	16QAM	1	1	17.25	17.25	17.22	17.30
45	64QAM	1	1	17.23	17.24	17.29	17.30
45	256QAM	1	1	17.28	17.23	17.15	17.30
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	17.04	17.04	16.96	17.30
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	17.05	16.99	16.99	17.30
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	17.03	17.05	16.95	17.30
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	17.14	17.09	16.98	17.30
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	17.02	16.96	16.99	17.30
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	17.04	16.95	16.99	17.30
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	17.05	17.08	17.01	17.30
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	17.10	17.06	17.03	17.30

【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	17.82	17.72	17.70	19.30
45	PI/2 BPSK	1	120	17.80	17.90	17.81	19.30
45	PI/2 BPSK	1	240	17.64	17.71	17.72	19.30
45	PI/2 BPSK	120	0	17.85	17.89	17.86	19.30
45	PI/2 BPSK	120	60	17.85	17.87	17.87	19.30
45	PI/2 BPSK	120	120	17.80	17.87	17.89	19.30
45	PI/2 BPSK	240	0	17.81	17.80	17.84	19.30
45	QPSK	1	1	17.71	17.64	17.63	19.30
45	QPSK	1	120	17.76	17.83	17.76	19.30
45	QPSK	1	240	17.57	17.68	17.66	19.30
45	QPSK	120	0	17.86	17.82	17.86	19.30
45	QPSK	120	60	17.86	17.90	17.83	19.30
45	QPSK	120	120	17.82	17.89	17.83	19.30
45	QPSK	240	0	17.82	17.86	17.87	19.30
45	16QAM	1	1	17.89	17.84	17.89	19.30
45	64QAM	1	1	17.90	17.88	17.83	19.30
45	256QAM	1	1	17.89	17.83	17.88	19.30
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	17.73	17.59	17.66	19.30
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	

35	PI/2 BPSK	1	1	17.68	17.57	17.64	19.30
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	17.78	17.66	17.67	19.30
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	17.74	17.64	17.57	19.30
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	17.76	17.61	17.59	19.30
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	17.80	17.70	17.59	19.30
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	17.71	17.58	17.60	19.30
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	17.74	17.58	17.56	19.30

【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)
Channel				346500	349000	351500	Tune-up limit
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	17.82	17.72	17.70	17.90
45	PI/2 BPSK	1	120	17.80	17.90	17.81	17.90
45	PI/2 BPSK	1	240	17.64	17.71	17.72	17.90
45	PI/2 BPSK	120	0	17.85	17.89	17.86	17.90
45	PI/2 BPSK	120	60	17.85	17.87	17.87	17.90
45	PI/2 BPSK	120	120	17.80	17.87	17.89	17.90
45	PI/2 BPSK	240	0	17.81	17.80	17.84	17.90
45	QPSK	1	1	17.71	17.64	17.63	17.90
45	QPSK	1	120	17.76	17.83	17.76	17.90
45	QPSK	1	240	17.57	17.68	17.66	17.90
45	QPSK	120	0	17.86	17.82	17.86	17.90
45	QPSK	120	60	17.86	17.90	17.83	17.90
45	QPSK	120	120	17.82	17.89	17.83	17.90
45	QPSK	240	0	17.82	17.86	17.87	17.90
45	16QAM	1	1	17.89	17.84	17.89	17.90
45	64QAM	1	1	17.90	17.88	17.83	17.90
45	256QAM	1	1	17.89	17.83	17.88	17.90
Channel				346000	349000	352000	Tune-up limit
Frequency (MHz)				1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	17.73	17.59	17.66	17.90
Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	17.68	17.57	17.64	17.90
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	17.78	17.66	17.67	17.90
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	17.74	17.64	17.57	17.90
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	17.76	17.61	17.59	17.90
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	17.80	17.70	17.59	17.90
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	17.71	17.58	17.60	17.90
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	17.74	17.58	17.56	17.90

【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	17.82	17.72	17.70	17.90
45	PI/2 BPSK	1	120	17.80	17.90	17.81	17.90
45	PI/2 BPSK	1	240	17.64	17.71	17.72	17.90
45	PI/2 BPSK	120	0	17.85	17.89	17.86	17.90
45	PI/2 BPSK	120	60	17.85	17.87	17.87	17.90
45	PI/2 BPSK	120	120	17.80	17.87	17.89	17.90
45	PI/2 BPSK	240	0	17.81	17.80	17.84	17.90
45	QPSK	1	1	17.71	17.64	17.63	17.90
45	QPSK	1	120	17.76	17.83	17.76	17.90
45	QPSK	1	240	17.57	17.68	17.66	17.90
45	QPSK	120	0	17.86	17.82	17.86	17.90
45	QPSK	120	60	17.86	17.90	17.83	17.90
45	QPSK	120	120	17.82	17.89	17.83	17.90
45	QPSK	240	0	17.82	17.86	17.87	17.90
45	16QAM	1	1	17.89	17.84	17.89	17.90
45	64QAM	1	1	17.90	17.88	17.83	17.90
45	256QAM	1	1	17.89	17.83	17.88	17.90
Channel				346000	349000	352000	Tune-up limit
Frequency (MHz)				1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	17.73	17.59	17.66	17.90
Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	17.68	17.57	17.64	17.90
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	17.78	17.66	17.67	17.90
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	17.74	17.64	17.57	17.90
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	17.76	17.61	17.59	17.90
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	17.80	17.70	17.59	17.90
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	17.71	17.58	17.60	17.90
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	17.74	17.58	17.56	17.90

【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		24.25		24.60
15	PI/2 BPSK	1	40		24.16		24.60
15	PI/2 BPSK	1	77		24.24		24.60
15	PI/2 BPSK	36	0		23.73		24.10
15	PI/2 BPSK	36	22		24.11		24.60
15	PI/2 BPSK	36	43		23.70		24.10
15	PI/2 BPSK	75	0		23.72		24.10
15	QPSK	1	1		24.26		24.60
15	QPSK	1	40		24.11		24.60
15	QPSK	1	77		24.26		24.60
15	QPSK	36	0		23.21		23.60
15	QPSK	36	22		24.22		24.60
15	QPSK	36	43		23.17		23.60
15	QPSK	75	0		23.21		23.60
15	16QAM	1	1		23.26		23.60
15	64QAM	1	1		21.79		22.10
15	256QAM	1	1		19.71		20.10
Channel				340000	340500	341000	Tune-up limit
Frequency (MHz)				1700	1702.5	1705	(dBm)
10	PI/2 BPSK	1	1	24.17	24.21	24.13	24.60
Channel				339500	340500	341500	Tune-up limit

Frequency (MHz)				1697.5	1702.5	1707.5	(dBm)
5	PI/2 BPSK	1	1	24.05	24.18	24.06	24.60

【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		24.25		24.60
15	PI/2 BPSK	1	40		24.16		24.60
15	PI/2 BPSK	1	77		24.24		24.60
15	PI/2 BPSK	36	0		23.73		24.10
15	PI/2 BPSK	36	22		24.11		24.60
15	PI/2 BPSK	36	43		23.70		24.10
15	PI/2 BPSK	75	0		23.72		24.10
15	QPSK	1	1		24.26		24.60
15	QPSK	1	40		24.11		24.60
15	QPSK	1	77		24.26		24.60
15	QPSK	36	0		23.21		23.60
15	QPSK	36	22		24.22		24.60
15	QPSK	36	43		23.17		23.60
15	QPSK	75	0		23.21		23.60
15	16QAM	1	1		23.26		23.60
15	64QAM	1	1		21.79		22.10
15	256QAM	1	1		19.71		20.10
Channel				340000	340500	341000	Tune-up limit (dBm)
Frequency (MHz)				1700	1702.5	1705	
10	PI/2 BPSK	1	1	24.17	24.21	24.13	24.60
Channel				339500	340500	341500	Tune-up limit (dBm)
Frequency (MHz)				1697.5	1702.5	1707.5	
5	PI/2 BPSK	1	1	24.05	24.18	24.06	24.60

【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		15.27		17.20
15	PI/2 BPSK	1	40		15.29		17.20
15	PI/2 BPSK	1	77		15.31		17.20
15	PI/2 BPSK	36	0		15.29		17.20
15	PI/2 BPSK	36	22		15.24		17.20
15	PI/2 BPSK	36	43		15.28		17.20
15	PI/2 BPSK	75	0		15.27		17.20
15	QPSK	1	1		15.23		17.20
15	QPSK	1	40		15.30		17.20
15	QPSK	1	77		15.31		17.20
15	QPSK	36	0		15.28		17.20
15	QPSK	36	22		15.23		17.20
15	QPSK	36	43		15.30		17.20
15	QPSK	75	0		15.32		17.20
15	16QAM	1	1		15.40		17.20
15	64QAM	1	1		15.40		17.20
15	256QAM	1	1		15.32		17.20
Channel				340000	340500	341000	Tune-up limit (dBm)
Frequency (MHz)				1700	1702.5	1705	
10	PI/2 BPSK	1	1	15.22	15.25	15.24	17.20
Channel				339500	340500	341500	Tune-up limit (dBm)
Frequency (MHz)				1697.5	1702.5	1707.5	
5	PI/2 BPSK	1	1	15.25	15.26	15.25	17.20

【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		15.27		15.40
15	PI/2 BPSK	1	40		15.29		15.40
15	PI/2 BPSK	1	77		15.31		15.40
15	PI/2 BPSK	36	0		15.29		15.40
15	PI/2 BPSK	36	22		15.24		15.40
15	PI/2 BPSK	36	43		15.28		15.40
15	PI/2 BPSK	75	0		15.27		15.40
15	QPSK	1	1		15.23		15.40
15	QPSK	1	40		15.30		15.40
15	QPSK	1	77		15.31		15.40
15	QPSK	36	0		15.28		15.40
15	QPSK	36	22		15.23		15.40
15	QPSK	36	43		15.30		15.40
15	QPSK	75	0		15.32		15.40
15	16QAM	1	1		15.40		15.40
15	64QAM	1	1		15.40		15.40
15	256QAM	1	1		15.32		15.40
Channel				340000	340500	341000	Tune-up limit (dBm)
Frequency (MHz)				1700	1702.5	1705	
10	PI/2 BPSK	1	1	15.22	15.25	15.24	15.40
Channel				339500	340500	341500	Tune-up limit (dBm)
Frequency (MHz)				1697.5	1702.5	1707.5	
5	PI/2 BPSK	1	1	15.25	15.26	15.25	15.40

【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		15.27		15.40
15	PI/2 BPSK	1	40		15.29		15.40
15	PI/2 BPSK	1	77		15.31		15.40
15	PI/2 BPSK	36	0		15.29		15.40
15	PI/2 BPSK	36	22		15.24		15.40
15	PI/2 BPSK	36	43		15.28		15.40
15	PI/2 BPSK	75	0		15.27		15.40
15	QPSK	1	1		15.23		15.40
15	QPSK	1	40		15.30		15.40
15	QPSK	1	77		15.31		15.40
15	QPSK	36	0		15.28		15.40
15	QPSK	36	22		15.23		15.40
15	QPSK	36	43		15.30		15.40
15	QPSK	75	0		15.32		15.40
15	16QAM	1	1		15.40		15.40
15	64QAM	1	1		15.40		15.40
15	256QAM	1	1		15.32		15.40
Channel				340000	340500	341000	Tune-up limit (dBm)
Frequency (MHz)				1700	1702.5	1705	
10	PI/2 BPSK	1	1	15.22	15.25	15.24	15.40
Channel				339500	340500	341500	Tune-up limit (dBm)
Frequency (MHz)				1697.5	1702.5	1707.5	
5	PI/2 BPSK	1	1	15.25	15.26	15.25	15.40

【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		20.73		21.60
15	PI/2 BPSK	1	40		20.75		21.60
15	PI/2 BPSK	1	77		20.83		21.60
15	PI/2 BPSK	36	0		20.72		21.60
15	PI/2 BPSK	36	22		20.70		21.60
15	PI/2 BPSK	36	43		20.71		21.60
15	PI/2 BPSK	75	0		20.74		21.60
15	QPSK	1	1		20.61		21.60

15	QPSK	1	40		20.55		21.60
15	QPSK	1	77		20.74		21.60
15	QPSK	36	0		20.72		21.60
15	QPSK	36	22		20.71		21.60
15	QPSK	36	43		20.74		21.60
15	QPSK	75	0		20.78		21.60
15	16QAM	1	1		20.85		21.60
15	64QAM	1	1		20.84		21.60
15	256QAM	1	1		19.32		20.30
Channel				340000	340500	341000	Tune-up limit (dBm)
Frequency (MHz)				1700	1702.5	1705	
10	PI/2 BPSK	1	1	20.56	20.61	20.54	21.60
Channel				339500	340500	341500	Tune-up limit (dBm)
Frequency (MHz)				1697.5	1702.5	1707.5	
5	PI/2 BPSK	1	1	20.52	20.56	20.50	21.60

【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		20.73		20.90
15	PI/2 BPSK	1	40		20.75		20.90
15	PI/2 BPSK	1	77		20.83		20.90
15	PI/2 BPSK	36	0		20.72		20.90
15	PI/2 BPSK	36	22		20.70		20.90
15	PI/2 BPSK	36	43		20.71		20.90
15	PI/2 BPSK	75	0		20.74		20.90
15	QPSK	1	1		20.61		20.90
15	QPSK	1	40		20.55		20.90
15	QPSK	1	77		20.74		20.90
15	QPSK	36	0		20.72		20.90
15	QPSK	36	22		20.71		20.90
15	QPSK	36	43		20.74		20.90
15	QPSK	75	0		20.78		20.90
15	16QAM	1	1		20.85		20.90
15	64QAM	1	1		20.84		20.90
15	256QAM	1	1		19.32		20.30
Channel				340000	340500	341000	Tune-up limit (dBm)
Frequency (MHz)				1700	1702.5	1705	
10	PI/2 BPSK	1	1	20.56	20.61	20.54	20.90
Channel				339500	340500	341500	Tune-up limit (dBm)
Frequency (MHz)				1697.5	1702.5	1707.5	
5	PI/2 BPSK	1	1	20.52	20.56	20.50	20.90

【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		23.27		24.80
15	PI/2 BPSK	1	40		23.18		24.80
15	PI/2 BPSK	1	77		23.32		24.80
15	PI/2 BPSK	36	0		23.25		24.30
15	PI/2 BPSK	36	22		23.21		24.80
15	PI/2 BPSK	36	43		23.27		24.30
15	PI/2 BPSK	75	0		23.26		24.30
15	QPSK	1	1		23.15		24.80
15	QPSK	1	40		23.14		24.80
15	QPSK	1	77		23.29		24.80
15	QPSK	36	0		22.74		23.80
15	QPSK	36	22		23.24		24.80
15	QPSK	36	43		22.75		23.80
15	QPSK	75	0		22.80		23.80
15	16QAM	1	1		23.03		23.80
15	64QAM	1	1		21.44		22.30
15	256QAM	1	1		19.30		20.30
Channel				340000	340500	341000	Tune-up limit (dBm)
Frequency (MHz)				1700	1702.5	1705	
10	PI/2 BPSK	1	1	23.10	23.13	23.11	24.80

Channel				339500	340500	341500	Tune-up limit
Frequency (MHz)				1697.5	1702.5	1707.5	(dBm)
5	PI/2 BPSK	1	1	23.08	23.29	22.97	24.80

【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		23.27		24.30
15	PI/2 BPSK	1	40		23.18		24.30
15	PI/2 BPSK	1	77		23.32		24.30
15	PI/2 BPSK	36	0		23.25		23.80
15	PI/2 BPSK	36	22		23.21		24.30
15	PI/2 BPSK	36	43		23.27		23.80
15	PI/2 BPSK	75	0		23.26		23.80
15	QPSK	1	1		23.15		24.30
15	QPSK	1	40		23.14		24.30
15	QPSK	1	77		23.29		24.30
15	QPSK	36	0		22.74		23.30
15	QPSK	36	22		23.24		24.30
15	QPSK	36	43		22.75		23.30
15	QPSK	75	0		22.80		23.30
15	16QAM	1	1		23.03		23.30
15	64QAM	1	1		21.44		21.80
15	256QAM	1	1		19.30		19.80
Channel				340000	340500	341000	Tune-up limit
Frequency (MHz)				1700	1702.5	1705	(dBm)
10	PI/2 BPSK	1	1	23.10	23.13	23.11	24.30
Channel				339500	340500	341500	Tune-up limit
Frequency (MHz)				1697.5	1702.5	1707.5	(dBm)
5	PI/2 BPSK	1	1	23.08	23.29	22.97	24.30

【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		23.27		24.30
15	PI/2 BPSK	1	40		23.18		24.30
15	PI/2 BPSK	1	77		23.32		24.30
15	PI/2 BPSK	36	0		23.25		23.80
15	PI/2 BPSK	36	22		23.21		24.30
15	PI/2 BPSK	36	43		23.27		23.80
15	PI/2 BPSK	75	0		23.26		23.80
15	QPSK	1	1		23.15		24.30
15	QPSK	1	40		23.14		24.30
15	QPSK	1	77		23.29		24.30
15	QPSK	36	0		22.74		23.30
15	QPSK	36	22		23.24		24.30
15	QPSK	36	43		22.75		23.30
15	QPSK	75	0		22.80		23.30
15	16QAM	1	1		23.03		23.30
15	64QAM	1	1		21.44		21.80
15	256QAM	1	1		19.30		19.80
Channel				340000	340500	341000	Tune-up limit
Frequency (MHz)				1700	1702.5	1705	(dBm)
10	PI/2 BPSK	1	1	23.10	23.13	23.11	24.30
Channel				339500	340500	341500	Tune-up limit
Frequency (MHz)				1697.5	1702.5	1707.5	(dBm)
5	PI/2 BPSK	1	1	23.08	23.29	22.97	24.30

【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		24.24		24.80
15	PI/2 BPSK	1	40		24.18		24.80
15	PI/2 BPSK	1	77		24.26		24.80
15	PI/2 BPSK	36	0		23.73		24.30
15	PI/2 BPSK	36	22		24.14		24.80
15	PI/2 BPSK	36	43		23.72		24.30
15	PI/2 BPSK	75	0		23.71		24.30
15	QPSK	1	1		24.28		24.80
15	QPSK	1	40		24.16		24.80
15	QPSK	1	77		24.26		24.80
15	QPSK	36	0		23.24		23.80
15	QPSK	36	22		24.20		24.80
15	QPSK	36	43		23.24		23.80
15	QPSK	75	0		23.24		23.80
15	16QAM	1	1		23.30		23.80
15	64QAM	1	1		21.78		22.30
15	256QAM	1	1		19.72		20.30
Channel				340000	340500	341000	Tune-up limit (dBm)
Frequency (MHz)				1700	1702.5	1705	
10	PI/2 BPSK	1	1	24.20	24.22	24.18	24.80
Channel				339500	340500	341500	Tune-up limit (dBm)
Frequency (MHz)				1697.5	1702.5	1707.5	
5	PI/2 BPSK	1	1	24.07	24.16	24.11	24.80

【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		24.24		24.80
15	PI/2 BPSK	1	40		24.18		24.80
15	PI/2 BPSK	1	77		24.26		24.80
15	PI/2 BPSK	36	0		23.73		24.30
15	PI/2 BPSK	36	22		24.14		24.80
15	PI/2 BPSK	36	43		23.72		24.30
15	PI/2 BPSK	75	0		23.71		24.30
15	QPSK	1	1		24.28		24.80
15	QPSK	1	40		24.16		24.80
15	QPSK	1	77		24.26		24.80
15	QPSK	36	0		23.24		23.80
15	QPSK	36	22		24.20		24.80
15	QPSK	36	43		23.24		23.80
15	QPSK	75	0		23.24		23.80
15	16QAM	1	1		23.30		23.80
15	64QAM	1	1		21.78		22.30
15	256QAM	1	1		19.72		20.30
Channel				340000	340500	341000	Tune-up limit (dBm)
Frequency (MHz)				1700	1702.5	1705	
10	PI/2 BPSK	1	1	24.20	24.22	24.18	24.80
Channel				339500	340500	341500	Tune-up limit (dBm)
Frequency (MHz)				1697.5	1702.5	1707.5	
5	PI/2 BPSK	1	1	24.07	24.16	24.11	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		21.33		23.10
15	PI/2 BPSK	1	40		21.31		23.10
15	PI/2 BPSK	1	77		21.37		23.10
15	PI/2 BPSK	36	0		21.33		23.10
15	PI/2 BPSK	36	22		21.22		23.10
15	PI/2 BPSK	36	43		21.30		23.10
15	PI/2 BPSK	75	0		21.31		23.10

15	QPSK	1	1		21.24		23.10
15	QPSK	1	40		21.22		23.10
15	QPSK	1	77		21.31		23.10
15	QPSK	36	0		21.32		23.10
15	QPSK	36	22		21.29		23.10
15	QPSK	36	43		21.34		23.10
15	QPSK	75	0		21.38		23.10
15	16QAM	1	1		21.53		23.10
15	64QAM	1	1		21.55		22.30
15	256QAM	1	1		19.76		20.30
Channel				340000	340500	341000	Tune-up limit (dBm)
Frequency (MHz)				1700	1702.5	1705	
10	PI/2 BPSK	1	1	21.20	21.28	21.16	23.10
Channel				339500	340500	341500	Tune-up limit (dBm)
Frequency (MHz)				1697.5	1702.5	1707.5	
5	PI/2 BPSK	1	1	21.10	21.20	21.11	23.10

【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		21.33		21.70
15	PI/2 BPSK	1	40		21.31		21.70
15	PI/2 BPSK	1	77		21.37		21.70
15	PI/2 BPSK	36	0		21.33		21.70
15	PI/2 BPSK	36	22		21.22		21.70
15	PI/2 BPSK	36	43		21.30		21.70
15	PI/2 BPSK	75	0		21.31		21.70
15	QPSK	1	1		21.24		21.70
15	QPSK	1	40		21.22		21.70
15	QPSK	1	77		21.31		21.70
15	QPSK	36	0		21.32		21.70
15	QPSK	36	22		21.29		21.70
15	QPSK	36	43		21.34		21.70
15	QPSK	75	0		21.38		21.70
15	16QAM	1	1		21.53		21.70
15	64QAM	1	1		21.55		21.70
15	256QAM	1	1		19.76		20.30
Channel				340000	340500	341000	Tune-up limit (dBm)
Frequency (MHz)				1700	1702.5	1705	
10	PI/2 BPSK	1	1	21.20	21.28	21.16	21.70
Channel				339500	340500	341500	Tune-up limit (dBm)
Frequency (MHz)				1697.5	1702.5	1707.5	
5	PI/2 BPSK	1	1	21.10	21.20	21.11	21.70

【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		21.33		21.70
15	PI/2 BPSK	1	40		21.31		21.70
15	PI/2 BPSK	1	77		21.37		21.70
15	PI/2 BPSK	36	0		21.33		21.70
15	PI/2 BPSK	36	22		21.22		21.70
15	PI/2 BPSK	36	43		21.30		21.70
15	PI/2 BPSK	75	0		21.31		21.70
15	QPSK	1	1		21.24		21.70
15	QPSK	1	40		21.22		21.70
15	QPSK	1	77		21.31		21.70
15	QPSK	36	0		21.32		21.70
15	QPSK	36	22		21.29		21.70
15	QPSK	36	43		21.34		21.70
15	QPSK	75	0		21.38		21.70
15	16QAM	1	1		21.53		21.70
15	64QAM	1	1		21.55		21.70
15	256QAM	1	1		19.76		20.30
Channel				340000	340500	341000	Tune-up limit (dBm)
Frequency (MHz)				1700	1702.5	1705	

10	PI/2 BPSK	1	1	21.20	21.28	21.16	21.70
Channel				339500	340500	341500	Tune-up limit
Frequency (MHz)				1697.5	1702.5	1707.5	(dBm)
5	PI/2 BPSK	1	1	21.10	21.20	21.11	21.70

【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		17.28		19.20
15	PI/2 BPSK	1	40		17.30		19.20
15	PI/2 BPSK	1	77		17.28		19.20
15	PI/2 BPSK	36	0		17.29		19.20
15	PI/2 BPSK	36	22		17.29		19.20
15	PI/2 BPSK	36	43		17.25		19.20
15	PI/2 BPSK	75	0		17.33		19.20
15	QPSK	1	1		17.20		19.20
15	QPSK	1	40		17.24		19.20
15	QPSK	1	77		17.26		19.20
15	QPSK	36	0		17.30		19.20
15	QPSK	36	22		17.32		19.20
15	QPSK	36	43		17.30		19.20
15	QPSK	75	0		17.32		19.20
15	16QAM	1	1		17.59		19.20
15	64QAM	1	1		17.60		19.20
15	256QAM	1	1		17.46		19.20
Channel				340000	340500	341000	Tune-up limit
Frequency (MHz)				1700	1702.5	1705	(dBm)
10	PI/2 BPSK	1	1	17.20	17.26	17.22	19.20
Channel				339500	340500	341500	Tune-up limit
Frequency (MHz)				1697.5	1702.5	1707.5	(dBm)
5	PI/2 BPSK	1	1	17.25	17.25	17.22	19.20

【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		17.28		17.60
15	PI/2 BPSK	1	40		17.30		17.60
15	PI/2 BPSK	1	77		17.28		17.60
15	PI/2 BPSK	36	0		17.29		17.60
15	PI/2 BPSK	36	22		17.29		17.60
15	PI/2 BPSK	36	43		17.25		17.60
15	PI/2 BPSK	75	0		17.33		17.60
15	QPSK	1	1		17.20		17.60
15	QPSK	1	40		17.24		17.60
15	QPSK	1	77		17.26		17.60
15	QPSK	36	0		17.30		17.60
15	QPSK	36	22		17.32		17.60
15	QPSK	36	43		17.30		17.60
15	QPSK	75	0		17.32		17.60
15	16QAM	1	1		17.59		17.60
15	64QAM	1	1		17.60		17.60
15	256QAM	1	1		17.46		17.60
Channel				340000	340500	341000	Tune-up limit
Frequency (MHz)				1700	1702.5	1705	(dBm)
10	PI/2 BPSK	1	1	17.20	17.26	17.22	17.60
Channel				339500	340500	341500	Tune-up limit
Frequency (MHz)				1697.5	1702.5	1707.5	(dBm)
5	PI/2 BPSK	1	1	17.25	17.25	17.22	17.60

【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		17.48		19.30
15	PI/2 BPSK	1	40		17.49		19.30
15	PI/2 BPSK	1	77		17.51		19.30
15	PI/2 BPSK	36	0		17.52		19.30
15	PI/2 BPSK	36	22		17.48		19.30
15	PI/2 BPSK	36	43		17.51		19.30
15	PI/2 BPSK	75	0		17.52		19.30
15	QPSK	1	1		17.39		19.30
15	QPSK	1	40		17.43		19.30
15	QPSK	1	77		17.46		19.30
15	QPSK	36	0		17.52		19.30
15	QPSK	36	22		17.51		19.30
15	QPSK	36	43		17.50		19.30
15	QPSK	75	0		17.55		19.30
15	16QAM	1	1		17.82		19.30
15	64QAM	1	1		17.81		19.30
15	256QAM	1	1		17.60		19.30
Channel				340000	340500	341000	Tune-up limit (dBm)
Frequency (MHz)				1700	1702.5	1705	
10	PI/2 BPSK	1	1	17.40	17.45	17.43	19.30
Channel				339500	340500	341500	Tune-up limit (dBm)
Frequency (MHz)				1697.5	1702.5	1707.5	
5	PI/2 BPSK	1	1	17.32	17.31	17.34	19.30

【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		17.48		17.90
15	PI/2 BPSK	1	40		17.49		17.90
15	PI/2 BPSK	1	77		17.51		17.90
15	PI/2 BPSK	36	0		17.52		17.90
15	PI/2 BPSK	36	22		17.48		17.90
15	PI/2 BPSK	36	43		17.51		17.90
15	PI/2 BPSK	75	0		17.52		17.90
15	QPSK	1	1		17.39		17.90
15	QPSK	1	40		17.43		17.90
15	QPSK	1	77		17.46		17.90
15	QPSK	36	0		17.52		17.90
15	QPSK	36	22		17.51		17.90
15	QPSK	36	43		17.50		17.90
15	QPSK	75	0		17.55		17.90
15	16QAM	1	1		17.82		17.90
15	64QAM	1	1		17.81		17.90
15	256QAM	1	1		17.60		17.90
Channel				340000	340500	341000	Tune-up limit (dBm)
Frequency (MHz)				1700	1702.5	1705	
10	PI/2 BPSK	1	1	17.40	17.45	17.43	17.90
Channel				339500	340500	341500	Tune-up limit (dBm)
Frequency (MHz)				1697.5	1702.5	1707.5	
5	PI/2 BPSK	1	1	17.32	17.31	17.34	17.90

【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		17.48		17.90
15	PI/2 BPSK	1	40		17.49		17.90
15	PI/2 BPSK	1	77		17.51		17.90
15	PI/2 BPSK	36	0		17.52		17.90
15	PI/2 BPSK	36	22		17.48		17.90
15	PI/2 BPSK	36	43		17.51		17.90

15	PI/2 BPSK	75	0		17.52		17.90
15	QPSK	1	1		17.39		17.90
15	QPSK	1	40		17.43		17.90
15	QPSK	1	77		17.46		17.90
15	QPSK	36	0		17.52		17.90
15	QPSK	36	22		17.51		17.90
15	QPSK	36	43		17.50		17.90
15	QPSK	75	0		17.55		17.90
15	16QAM	1	1		17.82		17.90
15	64QAM	1	1		17.81		17.90
15	256QAM	1	1		17.60		17.90
Channel				340000	340500	341000	Tune-up limit
Frequency (MHz)				1700	1702.5	1705	(dBm)
10	PI/2 BPSK	1	1	17.40	17.45	17.43	17.90
Channel				339500	340500	341500	Tune-up limit
Frequency (MHz)				1697.5	1702.5	1707.5	(dBm)
5	PI/2 BPSK	1	1	17.32	17.31	17.34	17.90

【FR1 n71_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					136100		
Frequency (MHz)					680.5		
35	PI/2 BPSK	1	1		24.66		25.00
35	PI/2 BPSK	1	90		24.63		25.00
35	PI/2 BPSK	1	186		24.58		25.00
35	PI/2 BPSK	90	0		24.22		24.50
35	PI/2 BPSK	90	45		24.68		25.00
35	PI/2 BPSK	90	90		24.12		24.50
35	PI/2 BPSK	180	0		24.19		24.50
35	QPSK	1	1		24.56		25.00
35	QPSK	1	90		24.58		25.00
35	QPSK	1	186		24.45		25.00
35	QPSK	90	0		23.74		24.00
35	QPSK	90	45		24.69		25.00
35	QPSK	90	90		23.63		24.00
35	QPSK	180	0		23.70		24.00
35	16QAM	1	1		24.00		24.00
35	64QAM	1	1		22.46		22.50
35	256QAM	1	1		20.29		20.50
Channel				135600	136100	136600	Tune-up limit
Frequency (MHz)				678	680.5	683	(dBm)
30	PI/2 BPSK	1	1	24.60	24.58	24.59	25.00
Channel				135100	136100	137100	Tune-up limit
Frequency (MHz)				675.5	680.5	685.5	(dBm)
25	PI/2 BPSK	1	1	24.54	24.49	24.49	25.00
Channel				134600	136100	137600	Tune-up limit
Frequency (MHz)				673	680.5	688	(dBm)
20	PI/2 BPSK	1	1	24.53	24.45	24.54	25.00
Channel				134100	136100	138100	Tune-up limit
Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	PI/2 BPSK	1	1	24.51	24.55	24.46	25.00
Channel				133600	136100	138600	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	PI/2 BPSK	1	1	24.50	24.50	24.50	25.00
Channel				133100	136100	139100	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	PI/2 BPSK	1	1	24.55	24.44	24.45	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		24.66		25.00
35	PI/2 BPSK	1	90		24.63		25.00

35	PI/2 BPSK	1	186		24.58		25.00
35	PI/2 BPSK	90	0		24.22		24.50
35	PI/2 BPSK	90	45		24.68		25.00
35	PI/2 BPSK	90	90		24.12		24.50
35	PI/2 BPSK	180	0		24.19		24.50
35	QPSK	1	1		24.56		25.00
35	QPSK	1	90		24.58		25.00
35	QPSK	1	186		24.45		25.00
35	QPSK	90	0		23.74		24.00
35	QPSK	90	45		24.69		25.00
35	QPSK	90	90		23.63		24.00
35	QPSK	180	0		23.70		24.00
35	16QAM	1	1		24.00		24.00
35	64QAM	1	1		22.46		22.50
35	256QAM	1	1		20.29		20.50
Channel				135600	136100	136600	Tune-up limit
Frequency (MHz)				678	680.5	683	(dBm)
30	PI/2 BPSK	1	1	24.60	24.58	24.59	25.00
Channel				135100	136100	137100	Tune-up limit
Frequency (MHz)				675.5	680.5	685.5	(dBm)
25	PI/2 BPSK	1	1	24.54	24.49	24.49	25.00
Channel				134600	136100	137600	Tune-up limit
Frequency (MHz)				673	680.5	688	(dBm)
20	PI/2 BPSK	1	1	24.53	24.45	24.54	25.00
Channel				134100	136100	138100	Tune-up limit
Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	PI/2 BPSK	1	1	24.51	24.55	24.46	25.00
Channel				133600	136100	138600	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	PI/2 BPSK	1	1	24.50	24.50	24.50	25.00
Channel				133100	136100	139100	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	PI/2 BPSK	1	1	24.55	24.44	24.45	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		24.66		24.80
35	PI/2 BPSK	1	90		24.63		24.80
35	PI/2 BPSK	1	186		24.58		24.80
35	PI/2 BPSK	90	0		24.22		24.50
35	PI/2 BPSK	90	45		24.68		24.80
35	PI/2 BPSK	90	90		24.12		24.50
35	PI/2 BPSK	180	0		24.19		24.50
35	QPSK	1	1		24.56		24.80
35	QPSK	1	90		24.58		24.80
35	QPSK	1	186		24.45		24.80
35	QPSK	90	0		23.74		24.00
35	QPSK	90	45		24.69		24.80
35	QPSK	90	90		23.63		24.00
35	QPSK	180	0		23.70		24.00
35	16QAM	1	1		24.00		24.00
35	64QAM	1	1		22.46		22.50
35	256QAM	1	1		20.29		20.50
Channel				135600	136100	136600	Tune-up limit
Frequency (MHz)				678	680.5	683	(dBm)
30	PI/2 BPSK	1	1	24.60	24.58	24.59	24.80
Channel				135100	136100	137100	Tune-up limit
Frequency (MHz)				675.5	680.5	685.5	(dBm)
25	PI/2 BPSK	1	1	24.54	24.49	24.49	24.80
Channel				134600	136100	137600	Tune-up limit
Frequency (MHz)				673	680.5	688	(dBm)
20	PI/2 BPSK	1	1	24.53	24.45	24.54	24.80
Channel				134100	136100	138100	Tune-up limit
Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	PI/2 BPSK	1	1	24.51	24.55	24.46	24.80
Channel				133600	136100	138600	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	PI/2 BPSK	1	1	24.50	24.50	24.50	24.80
Channel				133100	136100	139100	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	PI/2 BPSK	1	1	24.55	24.44	24.45	24.80

【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		24.66		24.80
35	PI/2 BPSK	1	90		24.63		24.80
35	PI/2 BPSK	1	186		24.58		24.80
35	PI/2 BPSK	90	0		24.22		24.50
35	PI/2 BPSK	90	45		24.68		24.80
35	PI/2 BPSK	90	90		24.12		24.50
35	PI/2 BPSK	180	0		24.19		24.50
35	QPSK	1	1		24.56		24.80
35	QPSK	1	90		24.58		24.80
35	QPSK	1	186		24.45		24.80
35	QPSK	90	0		23.74		24.00
35	QPSK	90	45		24.69		24.80
35	QPSK	90	90		23.63		24.00
35	QPSK	180	0		23.70		24.00
35	16QAM	1	1		24.00		24.00
35	64QAM	1	1		22.46		22.50
35	256QAM	1	1		20.29		20.50
Channel				135600	136100	136600	Tune-up limit (dBm)
Frequency (MHz)				678	680.5	683	
30	PI/2 BPSK	1	1	24.60	24.58	24.59	24.80
Channel				135100	136100	137100	Tune-up limit (dBm)
Frequency (MHz)				675.5	680.5	685.5	
25	PI/2 BPSK	1	1	24.54	24.49	24.49	24.80
Channel				134600	136100	137600	Tune-up limit (dBm)
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	24.53	24.45	24.54	24.80
Channel				134100	136100	138100	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	24.51	24.55	24.46	24.80
Channel				133600	136100	138600	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	24.50	24.50	24.50	24.80
Channel				133100	136100	139100	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	24.55	24.44	24.45	24.80

【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		24.66		24.80
35	PI/2 BPSK	1	90		24.63		24.80
35	PI/2 BPSK	1	186		24.58		24.80
35	PI/2 BPSK	90	0		24.22		24.50
35	PI/2 BPSK	90	45		24.68		24.80
35	PI/2 BPSK	90	90		24.12		24.50
35	PI/2 BPSK	180	0		24.19		24.50
35	QPSK	1	1		24.56		24.80
35	QPSK	1	90		24.58		24.80
35	QPSK	1	186		24.45		24.80
35	QPSK	90	0		23.74		24.00
35	QPSK	90	45		24.69		24.80
35	QPSK	90	90		23.63		24.00
35	QPSK	180	0		23.70		24.00
35	16QAM	1	1		24.00		24.00
35	64QAM	1	1		22.46		22.50
35	256QAM	1	1		20.29		20.50
Channel				135600	136100	136600	Tune-up limit (dBm)
Frequency (MHz)				678	680.5	683	
30	PI/2 BPSK	1	1	24.60	24.58	24.59	24.80
Channel				135100	136100	137100	Tune-up limit (dBm)
Frequency (MHz)				675.5	680.5	685.5	
25	PI/2 BPSK	1	1	24.54	24.49	24.49	24.80

Channel				134600	136100	137600	Tune-up limit
Frequency (MHz)				673	680.5	688	(dBm)
20	PI/2 BPSK	1	1	24.53	24.45	24.54	24.80
Channel				134100	136100	138100	Tune-up limit
Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	PI/2 BPSK	1	1	24.51	24.55	24.46	24.80
Channel				133600	136100	138600	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	PI/2 BPSK	1	1	24.50	24.50	24.50	24.80
Channel				133100	136100	139100	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	PI/2 BPSK	1	1	24.55	24.44	24.45	24.80

【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		23.87		24.80
35	PI/2 BPSK	1	90		23.85		24.80
35	PI/2 BPSK	1	186		24.05		24.80
35	PI/2 BPSK	90	0		23.83		24.30
35	PI/2 BPSK	90	45		24.02		24.80
35	PI/2 BPSK	90	90		24.00		24.30
35	PI/2 BPSK	180	0		23.86		24.30
35	QPSK	1	1		23.60		24.80
35	QPSK	1	90		23.81		24.80
35	QPSK	1	186		23.79		24.80
35	QPSK	90	0		23.32		23.80
35	QPSK	90	45		23.94		24.80
35	QPSK	90	90		23.50		23.80
35	QPSK	180	0		23.38		23.80
35	16QAM	1	1		23.46		23.80
35	64QAM	1	1		21.91		22.30
35	256QAM	1	1		19.73		20.30
Channel				135600	136100	136600	Tune-up limit
Frequency (MHz)				678	680.5	683	(dBm)
30	PI/2 BPSK	1	1	23.80	23.85	23.84	24.80
Channel				135100	136100	137100	Tune-up limit
Frequency (MHz)				675.5	680.5	685.5	(dBm)
25	PI/2 BPSK	1	1	23.70	23.80	23.71	24.80
Channel				134600	136100	137600	Tune-up limit
Frequency (MHz)				673	680.5	688	(dBm)
20	PI/2 BPSK	1	1	23.76	23.79	23.70	24.80
Channel				134100	136100	138100	Tune-up limit
Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	PI/2 BPSK	1	1	23.71	23.82	23.79	24.80
Channel				133600	136100	138600	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	PI/2 BPSK	1	1	23.71	23.81	23.78	24.80
Channel				133100	136100	139100	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	PI/2 BPSK	1	1	23.70	23.81	23.79	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		23.87		24.40
35	PI/2 BPSK	1	90		23.85		24.40
35	PI/2 BPSK	1	186		24.05		24.40
35	PI/2 BPSK	90	0		23.83		24.30
35	PI/2 BPSK	90	45		24.02		24.40
35	PI/2 BPSK	90	90		24.00		24.30
35	PI/2 BPSK	180	0		23.86		24.30

35	QPSK	1	1		23.60		24.40
35	QPSK	1	90		23.81		24.40
35	QPSK	1	186		23.79		24.40
35	QPSK	90	0		23.32		23.80
35	QPSK	90	45		23.94		24.40
35	QPSK	90	90		23.50		23.80
35	QPSK	180	0		23.38		23.80
35	16QAM	1	1		23.46		23.80
35	64QAM	1	1		21.91		22.30
35	256QAM	1	1		19.73		20.30
Channel				135600	136100	136600	Tune-up limit
Frequency (MHz)				678	680.5	683	(dBm)
30	PI/2 BPSK	1	1	23.80	23.85	23.84	24.40
Channel				135100	136100	137100	Tune-up limit
Frequency (MHz)				675.5	680.5	685.5	(dBm)
25	PI/2 BPSK	1	1	23.70	23.80	23.71	24.40
Channel				134600	136100	137600	Tune-up limit
Frequency (MHz)				673	680.5	688	(dBm)
20	PI/2 BPSK	1	1	23.76	23.79	23.70	24.40
Channel				134100	136100	138100	Tune-up limit
Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	PI/2 BPSK	1	1	23.71	23.82	23.79	24.40
Channel				133600	136100	138600	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	PI/2 BPSK	1	1	23.71	23.81	23.78	24.40
Channel				133100	136100	139100	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	PI/2 BPSK	1	1	23.70	23.81	23.79	24.40

【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		
Frequency (MHz)					680.5		
35	PI/2 BPSK	1	1		24.27		24.80
35	PI/2 BPSK	1	90		24.15		24.80
35	PI/2 BPSK	1	186		24.26		24.80
35	PI/2 BPSK	90	0		23.61		24.30
35	PI/2 BPSK	90	45		24.26		24.80
35	PI/2 BPSK	90	90		23.81		24.30
35	PI/2 BPSK	180	0		23.68		24.30
35	QPSK	1	1		23.86		24.80
35	QPSK	1	90		24.09		24.80
35	QPSK	1	186		24.12		24.80
35	QPSK	90	0		23.13		23.80
35	QPSK	90	45		24.26		24.80
35	QPSK	90	90		23.33		23.80
35	QPSK	180	0		23.25		23.80
35	16QAM	1	1		23.24		23.80
35	64QAM	1	1		21.65		22.30
35	256QAM	1	1		19.50		20.30
Channel				135600	136100	136600	Tune-up limit
Frequency (MHz)				678	680.5	683	(dBm)
30	PI/2 BPSK	1	1	24.24	24.26	24.16	24.80
Channel				135100	136100	137100	Tune-up limit
Frequency (MHz)				675.5	680.5	685.5	(dBm)
25	PI/2 BPSK	1	1	24.18	24.18	24.05	24.80
Channel				134600	136100	137600	Tune-up limit
Frequency (MHz)				673	680.5	688	(dBm)
20	PI/2 BPSK	1	1	24.20	24.14	24.01	24.80
Channel				134100	136100	138100	Tune-up limit
Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	PI/2 BPSK	1	1	24.14	24.16	24.03	24.80
Channel				133600	136100	138600	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	PI/2 BPSK	1	1	24.13	24.17	24.05	24.80
Channel				133100	136100	139100	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	PI/2 BPSK	1	1	24.20	24.19	24.03	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		
Frequency (MHz)					680.5		
35	PI/2 BPSK	1	1		24.27		24.80
35	PI/2 BPSK	1	90		24.15		24.80
35	PI/2 BPSK	1	186		24.26		24.80
35	PI/2 BPSK	90	0		23.61		24.30
35	PI/2 BPSK	90	45		24.26		24.80
35	PI/2 BPSK	90	90		23.81		24.30
35	PI/2 BPSK	180	0		23.68		24.30
35	QPSK	1	1		23.86		24.80
35	QPSK	1	90		24.09		24.80
35	QPSK	1	186		24.12		24.80
35	QPSK	90	0		23.13		23.80
35	QPSK	90	45		24.26		24.80
35	QPSK	90	90		23.33		23.80
35	QPSK	180	0		23.25		23.80
35	16QAM	1	1		23.24		23.80
35	64QAM	1	1		21.65		22.30
35	256QAM	1	1		19.50		20.30
Channel				135600	136100	136600	Tune-up limit
Frequency (MHz)				678	680.5	683	(dBm)
30	PI/2 BPSK	1	1	24.24	24.26	24.16	24.80
Channel				135100	136100	137100	Tune-up limit
Frequency (MHz)				675.5	680.5	685.5	(dBm)
25	PI/2 BPSK	1	1	24.18	24.18	24.05	24.80
Channel				134600	136100	137600	Tune-up limit
Frequency (MHz)				673	680.5	688	(dBm)
20	PI/2 BPSK	1	1	24.20	24.14	24.01	24.80
Channel				134100	136100	138100	Tune-up limit
Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	PI/2 BPSK	1	1	24.14	24.16	24.03	24.80
Channel				133600	136100	138600	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	PI/2 BPSK	1	1	24.13	24.17	24.05	24.80
Channel				133100	136100	139100	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	PI/2 BPSK	1	1	24.20	24.19	24.03	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		24.27		24.80
35	PI/2 BPSK	1	90		24.15		24.80
35	PI/2 BPSK	1	186		24.26		24.80
35	PI/2 BPSK	90	0		23.61		24.30
35	PI/2 BPSK	90	45		24.26		24.80
35	PI/2 BPSK	90	90		23.81		24.30
35	PI/2 BPSK	180	0		23.68		24.30
35	QPSK	1	1		23.86		24.80
35	QPSK	1	90		24.09		24.80
35	QPSK	1	186		24.12		24.80
35	QPSK	90	0		23.13		23.80
35	QPSK	90	45		24.26		24.80
35	QPSK	90	90		23.33		23.80
35	QPSK	180	0		23.25		23.80
35	16QAM	1	1		23.24		23.80
35	64QAM	1	1		21.65		22.30
35	256QAM	1	1		19.50		20.30
Channel				135600	136100	136600	Tune-up limit
Frequency (MHz)				678	680.5	683	(dBm)
30	PI/2 BPSK	1	1	24.24	24.26	24.16	24.80
Channel				135100	136100	137100	Tune-up limit
Frequency (MHz)				675.5	680.5	685.5	(dBm)
25	PI/2 BPSK	1	1	24.18	24.18	24.05	24.80
Channel				134600	136100	137600	Tune-up limit
Frequency (MHz)				673	680.5	688	(dBm)
20	PI/2 BPSK	1	1	24.20	24.14	24.01	24.80
Channel				134100	136100	138100	Tune-up limit
Frequency (MHz)				670.5	680.5	690.5	(dBm)

15	PI/2 BPSK	1	1	24.14	24.16	24.03	24.80
Channel				133600	136100	138600	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	PI/2 BPSK	1	1	24.13	24.17	24.05	24.80
Channel				133100	136100	139100	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	PI/2 BPSK	1	1	24.20	24.19	24.03	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		14.13		15.60
100	PI/2 BPSK	1	137		14.30		15.60
100	PI/2 BPSK	1	271		14.55		15.60
100	PI/2 BPSK	135	0		14.24		15.60
100	PI/2 BPSK	135	69		14.24		15.60
100	PI/2 BPSK	135	138		14.25		15.60
100	PI/2 BPSK	270	0		14.49		15.60
100	QPSK	1	1		14.09		15.60
100	QPSK	1	137		14.23		15.60
100	QPSK	1	271		14.40		15.60
100	QPSK	135	0		14.25		15.60
100	QPSK	135	69		14.23		15.60
100	QPSK	135	138		14.37		15.60
100	QPSK	270	0		14.28		15.60
100	16QAM	1	1		14.37		15.60
100	64QAM	1	1		14.15		15.60
100	256QAM	1	1		14.46		15.60
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	14.17	14.18	14.19	15.60
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	14.08	14.16	14.09	15.60
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	14.09	14.15	14.15	15.60
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	14.13	14.14	14.07	15.60
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	14.16	14.17	14.11	15.60
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	14.02	14.12	14.16	15.60
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	14.07	14.16	14.16	15.60
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	14.03	14.12	14.11	15.60
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	14.06	14.05	14.07	15.60
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	14.16	14.11	14.05	15.60
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	14.03	14.14	14.05	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	14.31	14.32	14.51	15.60
100	PI/2 BPSK	1	137	14.33	14.42	14.52	15.60
100	PI/2 BPSK	1	271	14.39	14.50	14.55	15.60
100	PI/2 BPSK	135	0	14.24	14.37	14.55	15.60
100	PI/2 BPSK	135	69	14.19	14.34	14.41	15.60
100	PI/2 BPSK	135	138	14.33	14.43	14.57	15.60
100	PI/2 BPSK	270	0	14.36	14.38	14.54	15.60
100	QPSK	1	1	14.24	14.26	14.39	15.60
100	QPSK	1	137	14.31	14.37	14.48	15.60
100	QPSK	1	271	14.38	14.45	14.62	15.60
100	QPSK	135	0	14.30	14.35	14.51	15.60
100	QPSK	135	69	14.22	14.38	14.43	15.60
100	QPSK	135	138	14.34	14.43	14.57	15.60
100	QPSK	270	0	14.33	14.40	14.47	15.60
100	16QAM	1	1	14.39	14.47	14.53	15.60
100	64QAM	1	1	14.16	14.23	14.30	15.60
100	256QAM	1	1	14.54	14.56	14.69	15.60
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	14.18	14.27	14.45	15.60
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	14.20	14.20	14.43	15.60
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	14.26	14.20	14.39	15.60
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	14.20	14.26	14.47	15.60
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	14.21	14.31	14.39	15.60
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	14.17	14.28	14.39	15.60
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	14.19	14.30	14.46	15.60
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	14.29	14.28	14.44	15.60
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	14.18	14.30	14.39	15.60
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	14.25	14.18	14.48	15.60
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	14.28	14.23	14.37	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		14.13		14.90
100	PI/2 BPSK	1	137		14.30		14.90
100	PI/2 BPSK	1	271		14.55		14.90
100	PI/2 BPSK	135	0		14.24		14.90
100	PI/2 BPSK	135	69		14.24		14.90
100	PI/2 BPSK	135	138		14.25		14.90
100	PI/2 BPSK	270	0		14.49		14.90
100	QPSK	1	1		14.09		14.90
100	QPSK	1	137		14.23		14.90
100	QPSK	1	271		14.40		14.90
100	QPSK	135	0		14.25		14.90
100	QPSK	135	69		14.23		14.90

100	QPSK	135	138		14.37		14.90
100	QPSK	270	0		14.28		14.90
100	16QAM	1	1		14.37		14.90
100	64QAM	1	1		14.15		14.90
100	256QAM	1	1		14.46		14.90
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	14.17	14.18	14.19	14.90
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	14.08	14.16	14.09	14.90
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	14.09	14.15	14.15	14.90
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	14.13	14.14	14.07	14.90
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	14.16	14.17	14.11	14.90
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	14.02	14.12	14.16	14.90
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	14.07	14.16	14.16	14.90
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	14.03	14.12	14.11	14.90
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	14.06	14.05	14.07	14.90
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	14.16	14.11	14.05	14.90
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	14.03	14.14	14.05	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	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	14.31	14.32	14.51	14.90
100	PI/2 BPSK	1	137	14.33	14.42	14.52	14.90
100	PI/2 BPSK	1	271	14.39	14.50	14.55	14.90
100	PI/2 BPSK	135	0	14.24	14.37	14.55	14.90
100	PI/2 BPSK	135	69	14.19	14.34	14.41	14.90
100	PI/2 BPSK	135	138	14.33	14.43	14.57	14.90
100	PI/2 BPSK	270	0	14.36	14.38	14.54	14.90
100	QPSK	1	1	14.24	14.26	14.39	14.90
100	QPSK	1	137	14.31	14.37	14.48	14.90
100	QPSK	1	271	14.38	14.45	14.62	14.90
100	QPSK	135	0	14.30	14.35	14.51	14.90
100	QPSK	135	69	14.22	14.38	14.43	14.90
100	QPSK	135	138	14.34	14.43	14.57	14.90
100	QPSK	270	0	14.33	14.40	14.47	14.90
100	16QAM	1	1	14.39	14.47	14.53	14.90
100	64QAM	1	1	14.16	14.23	14.30	14.90
100	256QAM	1	1	14.54	14.56	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	14.18	14.27	14.45	14.90
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	14.20	14.20	14.43	14.90
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	14.26	14.20	14.39	14.90
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	14.20	14.26	14.47	14.90
Channel				648334	656000	663666	Tune-up limit

	Frequency (MHz)			3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	14.21	14.31	14.39	14.90
	Channel			648000	656000	664000	Tune-up limit
	Frequency (MHz)			3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	14.17	14.28	14.39	14.90
	Channel			647668	656000	664332	Tune-up limit
	Frequency (MHz)			3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	14.19	14.30	14.46	14.90
	Channel			647500	656000	664500	Tune-up limit
	Frequency (MHz)			3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	14.29	14.28	14.44	14.90
	Channel			647334	656000	664666	Tune-up limit
	Frequency (MHz)			3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	14.18	14.30	14.39	14.90
	Channel			647168	656000	664832	Tune-up limit
	Frequency (MHz)			3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	14.25	14.18	14.48	14.90
	Channel			647000	656000	665000	Tune-up limit
	Frequency (MHz)			3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	14.28	14.23	14.37	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)
	Channel				633332		
	Frequency (MHz)				3499.98		
100	PI/2 BPSK	1	1		14.13		14.70
100	PI/2 BPSK	1	137		14.30		14.70
100	PI/2 BPSK	1	271		14.55		14.70
100	PI/2 BPSK	135	0		14.24		14.70
100	PI/2 BPSK	135	69		14.24		14.70
100	PI/2 BPSK	135	138		14.25		14.70
100	PI/2 BPSK	270	0		14.49		14.70
100	QPSK	1	1		14.09		14.70
100	QPSK	1	137		14.23		14.70
100	QPSK	1	271		14.40		14.70
100	QPSK	135	0		14.25		14.70
100	QPSK	135	69		14.23		14.70
100	QPSK	135	138		14.37		14.70
100	QPSK	270	0		14.28		14.70
100	16QAM	1	1		14.37		14.70
100	64QAM	1	1		14.15		14.70
100	256QAM	1	1		14.46		14.70
	Channel			633000	633332	633666	Tune-up limit
	Frequency (MHz)			3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	14.17	14.18	14.19	14.70
	Channel			632668	633332	634000	Tune-up limit
	Frequency (MHz)			3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	14.08	14.16	14.09	14.70
	Channel			632334	633332	634332	Tune-up limit
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	14.09	14.15	14.15	14.70
	Channel			632000	633332	634666	Tune-up limit
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	14.13	14.14	14.07	14.70
	Channel			631668	633332	635000	Tune-up limit
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	14.16	14.17	14.11	14.70
	Channel			631334	633332	635332	Tune-up limit
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	14.02	14.12	14.16	14.70
	Channel			631000	633332	635666	Tune-up limit
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	14.07	14.16	14.16	14.70
	Channel			630834	633332	635832	Tune-up limit
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	14.03	14.12	14.11	14.70
	Channel			630668	633332	636000	Tune-up limit
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	14.06	14.05	14.07	14.70
	Channel			630500	633332	636166	Tune-up limit
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	14.16	14.11	14.05	14.70
	Channel			630334	633332	636332	Tune-up limit

Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	14.03	14.14	14.05	14.70

【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	14.31	14.32	14.51	14.70
100	PI/2 BPSK	1	137	14.33	14.42	14.52	14.70
100	PI/2 BPSK	1	271	14.39	14.50	14.55	14.70
100	PI/2 BPSK	135	0	14.24	14.37	14.55	14.70
100	PI/2 BPSK	135	69	14.19	14.34	14.41	14.70
100	PI/2 BPSK	135	138	14.33	14.43	14.57	14.70
100	PI/2 BPSK	270	0	14.36	14.38	14.54	14.70
100	QPSK	1	1	14.24	14.26	14.39	14.70
100	QPSK	1	137	14.31	14.37	14.48	14.70
100	QPSK	1	271	14.38	14.45	14.62	14.70
100	QPSK	135	0	14.30	14.35	14.51	14.70
100	QPSK	135	69	14.22	14.38	14.43	14.70
100	QPSK	135	138	14.34	14.43	14.57	14.70
100	QPSK	270	0	14.33	14.40	14.47	14.70
100	16QAM	1	1	14.39	14.47	14.53	14.70
100	64QAM	1	1	14.16	14.23	14.30	14.70
100	256QAM	1	1	14.54	14.56	14.69	14.70
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	14.18	14.27	14.45	14.70
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	14.20	14.20	14.43	14.70
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	14.26	14.20	14.39	14.70
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	14.20	14.26	14.47	14.70
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	14.21	14.31	14.39	14.70
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	14.17	14.28	14.39	14.70
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	14.19	14.30	14.46	14.70
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	14.29	14.28	14.44	14.70
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	14.18	14.30	14.39	14.70
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	14.25	14.18	14.48	14.70
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	14.28	14.23	14.37	14.70

【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		15.64		17.30
100	PI/2 BPSK	1	137		15.76		17.30
100	PI/2 BPSK	1	271		15.90		17.30
100	PI/2 BPSK	135	0		15.76		17.30
100	PI/2 BPSK	135	69		15.74		17.30
100	PI/2 BPSK	135	138		15.86		17.30

100	PI/2 BPSK	270	0		15.77		17.30
100	QPSK	1	1		15.58		17.30
100	QPSK	1	137		15.72		17.30
100	QPSK	1	271		15.89		17.30
100	QPSK	135	0		15.76		17.30
100	QPSK	135	69		15.76		17.30
100	QPSK	135	138		15.88		17.30
100	QPSK	270	0		15.79		17.30
100	16QAM	1	1		15.87		17.30
100	64QAM	1	1		15.67		17.30
100	256QAM	1	1		15.89		17.30
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	15.64	15.67	15.68	17.30
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	15.57	15.58	15.61	17.30
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	15.54	15.56	15.56	17.30
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	15.56	15.64	15.55	17.30
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	15.50	15.64	15.56	17.30
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	15.61	15.65	15.56	17.30
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	15.52	15.62	15.62	17.30
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	15.54	15.63	15.56	17.30
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	15.57	15.63	15.59	17.30
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	15.57	15.58	15.55	17.30
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	15.49	15.54	15.56	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	15.71	15.69	15.85	17.30
100	PI/2 BPSK	1	137	15.79	15.82	15.89	17.30
100	PI/2 BPSK	1	271	15.85	15.86	15.89	17.30
100	PI/2 BPSK	135	0	15.68	15.75	15.78	17.30
100	PI/2 BPSK	135	69	15.63	15.72	15.86	17.30
100	PI/2 BPSK	135	138	15.76	15.81	15.88	17.30
100	PI/2 BPSK	270	0	15.70	15.77	15.86	17.30
100	QPSK	1	1	15.58	15.66	15.72	17.30
100	QPSK	1	137	15.77	15.79	15.89	17.30
100	QPSK	1	271	15.78	15.84	15.87	17.30
100	QPSK	135	0	15.64	15.74	15.80	17.30
100	QPSK	135	69	15.73	15.75	15.87	17.30
100	QPSK	135	138	15.70	15.83	15.90	17.30
100	QPSK	270	0	15.72	15.79	15.86	17.30
100	16QAM	1	1	15.76	15.86	15.90	17.30
100	64QAM	1	1	15.52	15.63	15.74	17.30
100	256QAM	1	1	15.89	15.90	15.90	17.30
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	15.61	15.62	15.80	17.30
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	15.64	15.62	15.77	17.30
Channel				649000	656000	663000	Tune-up limit

	Frequency (MHz)			3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	15.58	15.59	15.82	17.30
	Channel			648668	656000	663332	Tune-up limit
	Frequency (MHz)			3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	15.62	15.56	15.78	17.30
	Channel			648334	656000	663666	Tune-up limit
	Frequency (MHz)			3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	15.59	15.60	15.75	17.30
	Channel			648000	656000	664000	Tune-up limit
	Frequency (MHz)			3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	15.67	15.57	15.80	17.30
	Channel			647668	656000	664332	Tune-up limit
	Frequency (MHz)			3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	15.61	15.65	15.84	17.30
	Channel			647500	656000	664500	Tune-up limit
	Frequency (MHz)			3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	15.61	15.58	15.82	17.30
	Channel			647334	656000	664666	Tune-up limit
	Frequency (MHz)			3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	15.69	15.58	15.79	17.30
	Channel			647168	656000	664832	Tune-up limit
	Frequency (MHz)			3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	15.56	15.65	15.71	17.30
	Channel			647000	656000	665000	Tune-up limit
	Frequency (MHz)			3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	15.57	15.56	15.72	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				633332		
	Frequency (MHz)				3499.98		
100	PI/2 BPSK	1	1		14.13		14.70
100	PI/2 BPSK	1	137		14.30		14.70
100	PI/2 BPSK	1	271		14.55		14.70
100	PI/2 BPSK	135	0		14.24		14.70
100	PI/2 BPSK	135	69		14.24		14.70
100	PI/2 BPSK	135	138		14.25		14.70
100	PI/2 BPSK	270	0		14.49		14.70
100	QPSK	1	1		14.09		14.70
100	QPSK	1	137		14.23		14.70
100	QPSK	1	271		14.40		14.70
100	QPSK	135	0		14.25		14.70
100	QPSK	135	69		14.23		14.70
100	QPSK	135	138		14.37		14.70
100	QPSK	270	0		14.28		14.70
100	16QAM	1	1		14.37		14.70
100	64QAM	1	1		14.15		14.70
100	256QAM	1	1		14.46		14.70
	Channel			633000	633332	633666	Tune-up limit
	Frequency (MHz)			3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	14.17	14.18	14.19	14.70
	Channel			632668	633332	634000	Tune-up limit
	Frequency (MHz)			3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	14.08	14.16	14.09	14.70
	Channel			632334	633332	634332	Tune-up limit
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	14.09	14.15	14.15	14.70
	Channel			632000	633332	634666	Tune-up limit
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	14.13	14.14	14.07	14.70
	Channel			631668	633332	635000	Tune-up limit
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	14.16	14.17	14.11	14.70
	Channel			631334	633332	635332	Tune-up limit
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	14.02	14.12	14.16	14.70
	Channel			631000	633332	635666	Tune-up limit
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	14.07	14.16	14.16	14.70
	Channel			630834	633332	635832	Tune-up limit
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	14.03	14.12	14.11	14.70
	Channel			630668	633332	636000	Tune-up limit

Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	14.06	14.05	14.07	14.70
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	14.16	14.11	14.05	14.70
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	14.03	14.14	14.05	14.70

【FR1 n77 (270) _FCC_Part 270 (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	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	14.31	14.32	14.51	14.70
100	PI/2 BPSK	1	137	14.33	14.42	14.52	14.70
100	PI/2 BPSK	1	271	14.39	14.50	14.55	14.70
100	PI/2 BPSK	135	0	14.24	14.37	14.55	14.70
100	PI/2 BPSK	135	69	14.19	14.34	14.41	14.70
100	PI/2 BPSK	135	138	14.33	14.43	14.57	14.70
100	PI/2 BPSK	270	0	14.36	14.38	14.54	14.70
100	QPSK	1	1	14.24	14.26	14.39	14.70
100	QPSK	1	137	14.31	14.37	14.48	14.70
100	QPSK	1	271	14.38	14.45	14.62	14.70
100	QPSK	135	0	14.30	14.35	14.51	14.70
100	QPSK	135	69	14.22	14.38	14.43	14.70
100	QPSK	135	138	14.34	14.43	14.57	14.70
100	QPSK	270	0	14.33	14.40	14.47	14.70
100	16QAM	1	1	14.39	14.47	14.53	14.70
100	64QAM	1	1	14.16	14.23	14.30	14.70
100	256QAM	1	1	14.54	14.56	14.69	14.70
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	14.18	14.27	14.45	14.70
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	14.20	14.20	14.43	14.70
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	14.26	14.20	14.39	14.70
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	14.20	14.26	14.47	14.70
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	14.21	14.31	14.39	14.70
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	14.17	14.28	14.39	14.70
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	14.19	14.30	14.46	14.70
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	14.29	14.28	14.44	14.70
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	14.18	14.30	14.39	14.70
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	14.25	14.18	14.48	14.70
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	14.28	14.23	14.37	14.70

【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		17.61		18.60
100	PI/2 BPSK	1	137		17.72		18.60
100	PI/2 BPSK	1	271		17.79		18.60
100	PI/2 BPSK	135	0		17.68		18.60
100	PI/2 BPSK	135	69		17.63		18.60
100	PI/2 BPSK	135	138		17.74		18.60
100	PI/2 BPSK	270	0		17.72		18.60
100	QPSK	1	1		17.58		18.60
100	QPSK	1	137		17.71		18.60
100	QPSK	1	271		17.77		18.60
100	QPSK	135	0		17.67		18.60
100	QPSK	135	69		17.63		18.60
100	QPSK	135	138		17.73		18.60
100	QPSK	270	0		17.71		18.60
100	16QAM	1	1		17.28		18.60
100	64QAM	1	1		17.90		18.60
100	256QAM	1	1		17.74		18.60
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	17.59	17.58	17.56	18.60
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	17.56	17.56	17.53	18.60
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	17.56	17.48	17.45	18.60
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	17.53	17.44	17.53	18.60
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	17.54	17.48	17.48	18.60
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	17.46	17.55	17.43	18.60
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	17.44	17.50	17.51	18.60
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	17.45	17.52	17.52	18.60
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	17.54	17.54	17.50	18.60
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	17.56	17.52	17.41	18.60
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	17.49	17.50	17.55	18.60

【FR1 n77 (27Q) _FCC_Part 27Q (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	17.80	17.79	17.90	18.60
100	PI/2 BPSK	1	137	17.76	17.89	17.88	18.60
100	PI/2 BPSK	1	271	17.80	17.90	17.89	18.60
100	PI/2 BPSK	135	0	17.78	17.87	17.90	18.60
100	PI/2 BPSK	135	69	17.80	17.86	17.88	18.60
100	PI/2 BPSK	135	138	17.77	17.88	17.89	18.60
100	PI/2 BPSK	270	0	17.80	17.88	17.85	18.60
100	QPSK	1	1	17.74	17.74	17.77	18.60
100	QPSK	1	137	17.76	17.88	17.88	18.60
100	QPSK	1	271	17.80	17.89	17.88	18.60
100	QPSK	135	0	17.80	17.85	17.86	18.60

100	QPSK	135	69	17.72	17.85	17.82	18.60
100	QPSK	135	138	17.80	17.89	17.90	18.60
100	QPSK	270	0	17.73	17.87	17.89	18.60
100	16QAM	1	1	17.40	17.41	17.46	18.60
100	64QAM	1	1	17.79	17.90	17.88	18.60
100	256QAM	1	1	17.73	17.85	17.85	18.60
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	17.77	17.72	17.79	18.60
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	17.77	17.71	17.81	18.60
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	17.66	17.78	17.76	18.60
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	17.69	17.77	17.79	18.60
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	17.67	17.71	17.76	18.60
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	17.74	17.65	17.75	18.60
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	17.78	17.77	17.79	18.60
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	17.67	17.70	17.85	18.60
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	17.72	17.74	17.88	18.60
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	17.79	17.75	17.82	18.60
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	17.74	17.76	17.84	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		17.61		17.90
100	PI/2 BPSK	1	137		17.72		17.90
100	PI/2 BPSK	1	271		17.79		17.90
100	PI/2 BPSK	135	0		17.68		17.90
100	PI/2 BPSK	135	69		17.63		17.90
100	PI/2 BPSK	135	138		17.74		17.90
100	PI/2 BPSK	270	0		17.72		17.90
100	QPSK	1	1		17.58		17.90
100	QPSK	1	137		17.71		17.90
100	QPSK	1	271		17.77		17.90
100	QPSK	135	0		17.67		17.90
100	QPSK	135	69		17.63		17.90
100	QPSK	135	138		17.73		17.90
100	QPSK	270	0		17.71		17.90
100	16QAM	1	1		17.28		17.90
100	64QAM	1	1		17.90		17.90
100	256QAM	1	1		17.74		17.90
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	17.59	17.58	17.56	17.90
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	17.56	17.56	17.53	17.90
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	17.56	17.48	17.45	17.90
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	17.53	17.44	17.53	17.90

Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	17.54	17.48	17.48	17.90
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	17.46	17.55	17.43	17.90
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	17.44	17.50	17.51	17.90
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	17.45	17.52	17.52	17.90
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	17.54	17.54	17.50	17.90
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	17.56	17.52	17.41	17.90
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	17.49	17.50	17.55	17.90

【FR1 n77 (270)_FCC_Part 270 (3700~3980MHz)_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	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	17.80	17.79	17.90	17.90
100	PI/2 BPSK	1	137	17.76	17.89	17.88	17.90
100	PI/2 BPSK	1	271	17.80	17.90	17.89	17.90
100	PI/2 BPSK	135	0	17.78	17.87	17.90	17.90
100	PI/2 BPSK	135	69	17.80	17.86	17.88	17.90
100	PI/2 BPSK	135	138	17.77	17.88	17.89	17.90
100	PI/2 BPSK	270	0	17.80	17.88	17.85	17.90
100	QPSK	1	1	17.74	17.74	17.77	17.90
100	QPSK	1	137	17.76	17.88	17.88	17.90
100	QPSK	1	271	17.80	17.89	17.88	17.90
100	QPSK	135	0	17.80	17.85	17.86	17.90
100	QPSK	135	69	17.72	17.85	17.82	17.90
100	QPSK	135	138	17.80	17.89	17.90	17.90
100	QPSK	270	0	17.73	17.87	17.89	17.90
100	16QAM	1	1	17.40	17.41	17.46	17.90
100	64QAM	1	1	17.79	17.90	17.88	17.90
100	256QAM	1	1	17.73	17.85	17.85	17.90
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	17.77	17.72	17.79	17.90
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	17.77	17.71	17.81	17.90
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	17.66	17.78	17.76	17.90
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	17.69	17.77	17.79	17.90
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	17.67	17.71	17.76	17.90
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	17.74	17.65	17.75	17.90
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	17.78	17.77	17.79	17.90
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	17.67	17.70	17.85	17.90
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	17.72	17.74	17.88	17.90
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	17.79	17.75	17.82	17.90

Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	17.74	17.76	17.84	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		17.51		17.70
100	PI/2 BPSK	1	137		17.62		17.70
100	PI/2 BPSK	1	271		17.69		17.70
100	PI/2 BPSK	135	0		17.58		17.70
100	PI/2 BPSK	135	69		17.53		17.70
100	PI/2 BPSK	135	138		17.64		17.70
100	PI/2 BPSK	270	0		17.62		17.70
100	QPSK	1	1		17.48		17.70
100	QPSK	1	137		17.61		17.70
100	QPSK	1	271		17.67		17.70
100	QPSK	135	0		17.57		17.70
100	QPSK	135	69		17.53		17.70
100	QPSK	135	138		17.63		17.70
100	QPSK	270	0		17.61		17.70
100	16QAM	1	1		17.18		17.70
100	64QAM	1	1		17.60		17.70
100	256QAM	1	1		17.64		17.70
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	17.59	17.58	17.56	17.70
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	17.56	17.56	17.53	17.70
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	17.56	17.48	17.45	17.70
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	17.53	17.44	17.53	17.70
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	17.54	17.48	17.48	17.70
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	17.46	17.55	17.43	17.70
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	17.44	17.50	17.51	17.70
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	17.45	17.52	17.52	17.70
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	17.54	17.54	17.50	17.70
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	17.56	17.52	17.41	17.70
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	17.49	17.50	17.55	17.70

【FR1 n77 (27Q) FCC_Part 27Q (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	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	17.60	17.59	17.70	17.70
100	PI/2 BPSK	1	137	17.56	17.69	17.68	17.70
100	PI/2 BPSK	1	271	17.60	17.70	17.69	17.70
100	PI/2 BPSK	135	0	17.58	17.67	17.70	17.70
100	PI/2 BPSK	135	69	17.60	17.66	17.68	17.70

100	PI/2 BPSK	135	138	17.57	17.68	17.69	17.70
100	PI/2 BPSK	270	0	17.60	17.68	17.65	17.70
100	QPSK	1	1	17.54	17.54	17.57	17.70
100	QPSK	1	137	17.56	17.68	17.68	17.70
100	QPSK	1	271	17.60	17.69	17.68	17.70
100	QPSK	135	0	17.60	17.65	17.66	17.70
100	QPSK	135	69	17.52	17.65	17.62	17.70
100	QPSK	135	138	17.60	17.69	17.70	17.70
100	QPSK	270	0	17.53	17.67	17.69	17.70
100	16QAM	1	1	17.20	17.21	17.26	17.70
100	64QAM	1	1	17.59	17.70	17.68	17.70
100	256QAM	1	1	17.53	17.65	17.65	17.70
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	17.57	17.55	17.62	17.70
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	17.58	17.50	17.63	17.70
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	17.58	17.49	17.58	17.70
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	17.57	17.45	17.66	17.70
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	17.55	17.52	17.58	17.70
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	17.46	17.54	17.68	17.70
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	17.48	17.53	17.63	17.70
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	17.58	17.51	17.61	17.70
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	17.55	17.55	17.57	17.70
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	17.51	17.44	17.58	17.70
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	17.54	17.49	17.63	17.70

【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		18.64		20.30
100	PI/2 BPSK	1	137		18.73		20.30
100	PI/2 BPSK	1	271		18.78		20.30
100	PI/2 BPSK	135	0		18.69		20.30
100	PI/2 BPSK	135	69		18.60		20.30
100	PI/2 BPSK	135	138		18.76		20.30
100	PI/2 BPSK	270	0		18.72		20.30
100	QPSK	1	1		18.58		20.30
100	QPSK	1	137		18.72		20.30
100	QPSK	1	271		18.77		20.30
100	QPSK	135	0		18.69		20.30
100	QPSK	135	69		18.66		20.30
100	QPSK	135	138		18.72		20.30
100	QPSK	270	0		18.72		20.30
100	16QAM	1	1		18.30		20.30
100	64QAM	1	1		18.90		20.30
100	256QAM	1	1		18.75		20.30
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	18.59	18.60	18.62	20.30
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	18.47	18.50	18.56	20.30

Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	18.50	18.47	18.59	20.30
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	18.58	18.50	18.56	20.30
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	18.58	18.58	18.48	20.30
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	18.45	18.47	18.54	20.30
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	18.54	18.47	18.53	20.30
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	18.48	18.46	18.55	20.30
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	18.49	18.45	18.51	20.30
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	18.57	18.46	18.48	20.30
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	18.48	18.45	18.60	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	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	18.79	18.79	18.90	20.30
100	PI/2 BPSK	1	137	18.78	18.89	18.90	20.30
100	PI/2 BPSK	1	271	18.79	18.90	18.89	20.30
100	PI/2 BPSK	135	0	18.76	18.86	18.84	20.30
100	PI/2 BPSK	135	69	18.79	18.86	18.90	20.30
100	PI/2 BPSK	135	138	18.74	18.85	18.90	20.30
100	PI/2 BPSK	270	0	18.79	18.87	18.87	20.30
100	QPSK	1	1	18.59	18.73	18.75	20.30
100	QPSK	1	137	18.75	18.89	18.88	20.30
100	QPSK	1	271	18.79	18.88	18.89	20.30
100	QPSK	135	0	18.79	18.86	18.89	20.30
100	QPSK	135	69	18.79	18.85	18.83	20.30
100	QPSK	135	138	18.78	18.88	18.87	20.30
100	QPSK	270	0	18.78	18.87	18.88	20.30
100	16QAM	1	1	18.38	18.43	18.50	20.30
100	64QAM	1	1	18.78	18.89	18.89	20.30
100	256QAM	1	1	18.77	18.86	18.90	20.30
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	18.67	18.75	18.87	20.30
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	18.69	18.77	18.87	20.30
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	18.75	18.73	18.86	20.30
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	18.72	18.66	18.85	20.30
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	18.73	18.72	18.87	20.30
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	18.65	18.64	18.78	20.30
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	18.72	18.75	18.80	20.30
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	18.74	18.67	18.82	20.30

Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	18.65	18.66	18.78	20.30
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	18.65	18.69	18.79	20.30
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	18.78	18.66	18.76	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		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		17.51		17.70
100	PI/2 BPSK	1	137		17.62		17.70
100	PI/2 BPSK	1	271		17.69		17.70
100	PI/2 BPSK	135	0		17.58		17.70
100	PI/2 BPSK	135	69		17.53		17.70
100	PI/2 BPSK	135	138		17.64		17.70
100	PI/2 BPSK	270	0		17.62		17.70
100	QPSK	1	1		17.48		17.70
100	QPSK	1	137		17.61		17.70
100	QPSK	1	271		17.67		17.70
100	QPSK	135	0		17.57		17.70
100	QPSK	135	69		17.53		17.70
100	QPSK	135	138		17.63		17.70
100	QPSK	270	0		17.61		17.70
100	16QAM	1	1		17.18		17.70
100	64QAM	1	1		17.60		17.70
100	256QAM	1	1		17.64		17.70
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	17.59	17.58	17.56	17.70
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	17.56	17.56	17.53	17.70
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	17.56	17.48	17.45	17.70
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	17.53	17.44	17.53	17.70
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	17.54	17.48	17.48	17.70
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	17.46	17.55	17.43	17.70
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	17.44	17.50	17.51	17.70
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	17.45	17.52	17.52	17.70
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	17.54	17.54	17.50	17.70
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	17.56	17.52	17.41	17.70
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	17.49	17.50	17.55	17.70

【FR1 n77 (27Q) _FCC_Part 27Q (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	17.60	17.59	17.70	17.70
100	PI/2 BPSK	1	137	17.56	17.69	17.68	17.70
100	PI/2 BPSK	1	271	17.60	17.70	17.69	17.70
100	PI/2 BPSK	135	0	17.58	17.67	17.70	17.70
100	PI/2 BPSK	135	69	17.60	17.66	17.68	17.70
100	PI/2 BPSK	135	138	17.57	17.68	17.69	17.70
100	PI/2 BPSK	270	0	17.60	17.68	17.65	17.70
100	QPSK	1	1	17.54	17.54	17.57	17.70
100	QPSK	1	137	17.56	17.68	17.68	17.70
100	QPSK	1	271	17.60	17.69	17.68	17.70
100	QPSK	135	0	17.60	17.65	17.66	17.70
100	QPSK	135	69	17.52	17.65	17.62	17.70
100	QPSK	135	138	17.60	17.69	17.70	17.70
100	QPSK	270	0	17.53	17.67	17.69	17.70
100	16QAM	1	1	17.20	17.21	17.26	17.70
100	64QAM	1	1	17.59	17.70	17.68	17.70
100	256QAM	1	1	17.53	17.65	17.65	17.70
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	17.57	17.55	17.62	17.70
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	17.58	17.50	17.63	17.70
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	17.58	17.49	17.58	17.70
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	17.57	17.45	17.66	17.70
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	17.55	17.52	17.58	17.70
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	17.46	17.54	17.68	17.70
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	17.48	17.53	17.63	17.70
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	17.58	17.51	17.61	17.70
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	17.55	17.55	17.57	17.70
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	17.51	17.44	17.58	17.70
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	17.54	17.49	17.63	17.70

【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		14.84		16.60
100	PI/2 BPSK	1	137		15.00		16.60
100	PI/2 BPSK	1	271		15.05		16.60
100	PI/2 BPSK	135	0		15.01		16.60
100	PI/2 BPSK	135	69		15.00		16.60
100	PI/2 BPSK	135	138		15.07		16.60
100	PI/2 BPSK	270	0		15.02		16.60
100	QPSK	1	1		14.74		16.60
100	QPSK	1	137		14.95		16.60
100	QPSK	1	271		15.00		16.60

100	QPSK	135	0		15.00		16.60
100	QPSK	135	69		15.06		16.60
100	QPSK	135	138		15.07		16.60
100	QPSK	270	0		15.04		16.60
100	16QAM	1	1		15.12		16.60
100	64QAM	1	1		14.95		16.60
100	256QAM	1	1		15.23		16.60
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	14.80	14.83	14.82	16.60
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	14.75	14.76	14.70	16.60
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	14.69	14.72	14.80	16.60
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	14.67	14.79	14.76	16.60
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	14.77	14.77	14.70	16.60
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	14.66	14.81	14.70	16.60
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	14.76	14.68	14.80	16.60
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	14.76	14.72	14.71	16.60
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	14.65	14.77	14.68	16.60
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	14.70	14.69	14.81	16.60
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	14.69	14.74	14.70	16.60

【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	15.04	15.07	15.06	16.60
100	PI/2 BPSK	1	137	14.99	15.14	15.05	16.60
100	PI/2 BPSK	1	271	15.02	15.10	15.02	16.60
100	PI/2 BPSK	135	0	14.98	15.09	15.01	16.60
100	PI/2 BPSK	135	69	14.98	15.03	14.96	16.60
100	PI/2 BPSK	135	138	14.98	15.09	15.00	16.60
100	PI/2 BPSK	270	0	14.95	15.07	15.00	16.60
100	QPSK	1	1	14.92	15.00	14.91	16.60
100	QPSK	1	137	15.01	15.10	14.99	16.60
100	QPSK	1	271	14.97	15.05	14.99	16.60
100	QPSK	135	0	15.03	15.10	14.95	16.60
100	QPSK	135	69	14.88	15.04	14.95	16.60
100	QPSK	135	138	14.97	15.09	15.00	16.60
100	QPSK	270	0	14.92	15.08	14.95	16.60
100	16QAM	1	1	15.04	15.23	15.05	16.60
100	64QAM	1	1	14.90	15.01	14.94	16.60
100	256QAM	1	1	15.04	15.32	15.05	16.60
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	14.97	15.02	14.97	16.60
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	14.95	14.92	14.95	16.60
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	15.00	15.00	14.93	16.60
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)

60	PI/2 BPSK	1	1	15.01	14.98	14.94	16.60
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	14.99	14.99	14.93	16.60
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	14.97	14.95	14.96	16.60
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	14.97	14.98	14.96	16.60
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	14.98	15.03	14.99	16.60
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	14.91	15.02	14.93	16.60
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	14.98	15.04	14.96	16.60
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	14.92	15.01	14.91	16.60

【FR1 n77 (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		14.84		15.70
100	PI/2 BPSK	1	137		15.00		15.70
100	PI/2 BPSK	1	271		15.05		15.70
100	PI/2 BPSK	135	0		15.01		15.70
100	PI/2 BPSK	135	69		15.00		15.70
100	PI/2 BPSK	135	138		15.07		15.70
100	PI/2 BPSK	270	0		15.02		15.70
100	QPSK	1	1		14.74		15.70
100	QPSK	1	137		14.95		15.70
100	QPSK	1	271		15.00		15.70
100	QPSK	135	0		15.00		15.70
100	QPSK	135	69		15.06		15.70
100	QPSK	135	138		15.07		15.70
100	QPSK	270	0		15.04		15.70
100	16QAM	1	1		15.12		15.70
100	64QAM	1	1		14.95		15.70
100	256QAM	1	1		15.23		15.70
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	14.80	14.83	14.82	15.70
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	14.75	14.76	14.70	15.70
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	14.69	14.72	14.80	15.70
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	14.67	14.79	14.76	15.70
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	14.77	14.77	14.70	15.70
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	14.66	14.81	14.70	15.70
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	14.76	14.68	14.80	15.70
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	14.76	14.72	14.71	15.70
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	14.65	14.77	14.68	15.70
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)

15	PI/2 BPSK	1	1	14.70	14.69	14.81	15.70
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	14.69	14.74	14.70	15.70

【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	Tune-up limit (dBm)
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	15.04	15.07	15.06	15.70
100	PI/2 BPSK	1	137	14.99	15.14	15.05	15.70
100	PI/2 BPSK	1	271	15.02	15.10	15.02	15.70
100	PI/2 BPSK	135	0	14.98	15.09	15.01	15.70
100	PI/2 BPSK	135	69	14.98	15.03	14.96	15.70
100	PI/2 BPSK	135	138	14.98	15.09	15.00	15.70
100	PI/2 BPSK	270	0	14.95	15.07	15.00	15.70
100	QPSK	1	1	14.92	15.00	14.91	15.70
100	QPSK	1	137	15.01	15.10	14.99	15.70
100	QPSK	1	271	14.97	15.05	14.99	15.70
100	QPSK	135	0	15.03	15.10	14.95	15.70
100	QPSK	135	69	14.88	15.04	14.95	15.70
100	QPSK	135	138	14.97	15.09	15.00	15.70
100	QPSK	270	0	14.92	15.08	14.95	15.70
100	16QAM	1	1	15.04	15.23	15.05	15.70
100	64QAM	1	1	14.90	15.01	14.94	15.70
100	256QAM	1	1	15.04	15.32	15.05	15.70
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	14.97	15.02	14.97	15.70
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	14.95	14.92	14.95	15.70
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	15.00	15.00	14.93	15.70
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	15.01	14.98	14.94	15.70
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	14.99	14.99	14.93	15.70
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	14.97	14.95	14.96	15.70
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	14.97	14.98	14.96	15.70
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	14.98	15.03	14.99	15.70
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	14.91	15.02	14.93	15.70
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	14.98	15.04	14.96	15.70
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	14.92	15.01	14.91	15.70

【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		Tune-up limit (dBm)
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		18.15		18.40
100	PI/2 BPSK	1	137		18.12		18.40
100	PI/2 BPSK	1	271		18.11		18.40
100	PI/2 BPSK	135	0		18.17		18.40

100	PI/2 BPSK	135	69		18.22		18.40
100	PI/2 BPSK	135	138		18.21		18.40
100	PI/2 BPSK	270	0		18.17		18.40
100	QPSK	1	1		18.05		18.40
100	QPSK	1	137		18.18		18.40
100	QPSK	1	271		18.13		18.40
100	QPSK	135	0		18.19		18.40
100	QPSK	135	69		18.19		18.40
100	QPSK	135	138		18.25		18.40
100	QPSK	270	0		18.18		18.40
100	16QAM	1	1		18.37		18.40
100	64QAM	1	1		18.21		18.40
100	256QAM	1	1		18.40		18.40
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	18.05	18.02	18.04	18.40
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	17.99	17.98	17.96	18.40
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	17.90	18.00	17.95	18.40
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	18.02	17.94	17.95	18.40
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	18.01	17.88	17.94	18.40
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	17.99	18.00	17.97	18.40
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	18.01	17.88	17.99	18.40
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	17.98	17.95	18.02	18.40
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	18.00	17.91	17.89	18.40
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	17.91	18.01	17.98	18.40
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	17.93	17.95	17.99	18.40

【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	18.20	18.38	18.33	18.40
100	PI/2 BPSK	1	137	18.08	18.35	18.18	18.40
100	PI/2 BPSK	1	271	18.00	18.32	18.24	18.40
100	PI/2 BPSK	135	0	18.10	18.31	18.20	18.40
100	PI/2 BPSK	135	69	18.14	18.34	18.26	18.40
100	PI/2 BPSK	135	138	18.01	18.33	18.19	18.40
100	PI/2 BPSK	270	0	18.00	18.31	18.18	18.40
100	QPSK	1	1	17.93	18.20	18.00	18.40
100	QPSK	1	137	18.08	18.38	18.23	18.40
100	QPSK	1	271	18.02	18.27	18.10	18.40
100	QPSK	135	0	18.10	18.32	18.25	18.40
100	QPSK	135	69	18.06	18.34	18.26	18.40
100	QPSK	135	138	18.11	18.38	18.28	18.40
100	QPSK	270	0	18.08	18.32	18.22	18.40
100	16QAM	1	1	18.12	18.35	18.17	18.40
100	64QAM	1	1	17.95	18.24	18.05	18.40
100	256QAM	1	1	18.14	18.33	18.14	18.40
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	18.10	18.29	18.30	18.40
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)

80	PI/2 BPSK	1	1	18.12	18.24	18.25	18.40
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	18.07	18.34	18.21	18.40
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	18.10	18.36	18.26	18.40
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	18.06	18.34	18.22	18.40
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	18.06	18.30	18.31	18.40
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	18.11	18.30	18.21	18.40
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	18.18	18.35	18.24	18.40
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	18.17	18.35	18.29	18.40
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	18.13	18.32	18.28	18.40
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	18.13	18.29	18.20	18.40

【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		18.15		19.10
100	PI/2 BPSK	1	137		18.12		19.10
100	PI/2 BPSK	1	271		18.11		19.10
100	PI/2 BPSK	135	0		18.17		19.10
100	PI/2 BPSK	135	69		18.22		19.10
100	PI/2 BPSK	135	138		18.21		19.10
100	PI/2 BPSK	270	0		18.17		19.10
100	QPSK	1	1		18.05		19.10
100	QPSK	1	137		18.18		19.10
100	QPSK	1	271		18.13		19.10
100	QPSK	135	0		18.19		19.10
100	QPSK	135	69		18.19		19.10
100	QPSK	135	138		18.25		19.10
100	QPSK	270	0		18.18		19.10
100	16QAM	1	1		18.37		19.10
100	64QAM	1	1		18.21		19.10
100	256QAM	1	1		18.40		19.10
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	18.05	18.02	18.04	19.10
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	17.99	17.98	17.96	19.10
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	17.90	18.00	17.95	19.10
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	18.02	17.94	17.95	19.10
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	18.01	17.88	17.94	19.10
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	17.99	18.00	17.97	19.10
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	18.01	17.88	17.99	19.10
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)

25	PI/2 BPSK	1	1	17.98	17.95	18.02	19.10
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	18.00	17.91	17.89	19.10
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	17.91	18.01	17.98	19.10
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	17.93	17.95	17.99	19.10

【FR1 n77 (270)_FCC_Part 270 (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	Tune-up limit
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	18.20	18.38	18.33	19.10
100	PI/2 BPSK	1	137	18.08	18.35	18.18	19.10
100	PI/2 BPSK	1	271	18.00	18.32	18.24	19.10
100	PI/2 BPSK	135	0	18.10	18.31	18.20	19.10
100	PI/2 BPSK	135	69	18.14	18.34	18.26	19.10
100	PI/2 BPSK	135	138	18.01	18.33	18.19	19.10
100	PI/2 BPSK	270	0	18.00	18.31	18.18	19.10
100	QPSK	1	1	17.93	18.20	18.00	19.10
100	QPSK	1	137	18.08	18.38	18.23	19.10
100	QPSK	1	271	18.02	18.27	18.10	19.10
100	QPSK	135	0	18.10	18.32	18.25	19.10
100	QPSK	135	69	18.06	18.34	18.26	19.10
100	QPSK	135	138	18.11	18.38	18.28	19.10
100	QPSK	270	0	18.08	18.32	18.22	19.10
100	16QAM	1	1	18.12	18.35	18.17	19.10
100	64QAM	1	1	17.95	18.24	18.05	19.10
100	256QAM	1	1	18.14	18.33	18.14	19.10
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	18.10	18.29	18.30	19.10
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	18.12	18.24	18.25	19.10
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	18.07	18.34	18.21	19.10
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	18.10	18.36	18.26	19.10
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	18.06	18.34	18.22	19.10
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	18.06	18.30	18.31	19.10
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	18.11	18.30	18.21	19.10
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	18.18	18.35	18.24	19.10
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	18.17	18.35	18.29	19.10
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	18.13	18.32	18.28	19.10
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	18.13	18.29	18.20	19.10

【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	18.15			18.40
100	PI/2 BPSK	1	137	18.12			18.40
100	PI/2 BPSK	1	271	18.11			18.40
100	PI/2 BPSK	135	0	18.17			18.40
100	PI/2 BPSK	135	69	18.22			18.40
100	PI/2 BPSK	135	138	18.21			18.40
100	PI/2 BPSK	270	0	18.17			18.40
100	QPSK	1	1	18.05			18.40
100	QPSK	1	137	18.18			18.40
100	QPSK	1	271	18.13			18.40
100	QPSK	135	0	18.19			18.40
100	QPSK	135	69	18.19			18.40
100	QPSK	135	138	18.25			18.40
100	QPSK	270	0	18.18			18.40
100	16QAM	1	1	18.37			18.40
100	64QAM	1	1	18.21			18.40
100	256QAM	1	1	18.40			18.40
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	18.05	18.02	18.04	18.40
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	17.99	17.98	17.96	18.40
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	17.90	18.00	17.95	18.40
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	18.02	17.94	17.95	18.40
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	18.01	17.88	17.94	18.40
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	17.99	18.00	17.97	18.40
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	18.01	17.88	17.99	18.40
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	17.98	17.95	18.02	18.40
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	18.00	17.91	17.89	18.40
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	17.91	18.01	17.98	18.40
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	17.93	17.95	17.99	18.40

【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	18.20	18.38	18.33	18.40
100	PI/2 BPSK	1	137	18.08	18.35	18.18	18.40
100	PI/2 BPSK	1	271	18.00	18.32	18.24	18.40
100	PI/2 BPSK	135	0	18.10	18.31	18.20	18.40
100	PI/2 BPSK	135	69	18.14	18.34	18.26	18.40
100	PI/2 BPSK	135	138	18.01	18.33	18.19	18.40
100	PI/2 BPSK	270	0	18.00	18.31	18.18	18.40
100	QPSK	1	1	17.93	18.20	18.00	18.40
100	QPSK	1	137	18.08	18.38	18.23	18.40
100	QPSK	1	271	18.02	18.27	18.10	18.40
100	QPSK	135	0	18.10	18.32	18.25	18.40
100	QPSK	135	69	18.06	18.34	18.26	18.40
100	QPSK	135	138	18.11	18.38	18.28	18.40
100	QPSK	270	0	18.08	18.32	18.22	18.40
100	16QAM	1	1	18.12	18.35	18.17	18.40
100	64QAM	1	1	17.95	18.24	18.05	18.40

100	256QAM	1	1	18.14	18.33	18.14	18.40
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	18.10	18.29	18.30	18.40
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	18.12	18.24	18.25	18.40
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	18.07	18.34	18.21	18.40
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	18.10	18.36	18.26	18.40
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	18.06	18.34	18.22	18.40
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	18.06	18.30	18.31	18.40
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	18.11	18.30	18.21	18.40
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	18.18	18.35	18.24	18.40
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	18.17	18.35	18.29	18.40
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	18.13	18.32	18.28	18.40
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	18.13	18.29	18.20	18.40

【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		17.88		19.60
100	PI/2 BPSK	1	137		18.02		19.60
100	PI/2 BPSK	1	271		18.06		19.60
100	PI/2 BPSK	135	0		17.99		19.60
100	PI/2 BPSK	135	69		17.97		19.60
100	PI/2 BPSK	135	138		18.09		19.60
100	PI/2 BPSK	270	0		18.02		19.60
100	QPSK	1	1		17.85		19.60
100	QPSK	1	137		18.02		19.60
100	QPSK	1	271		18.05		19.60
100	QPSK	135	0		18.04		19.60
100	QPSK	135	69		18.05		19.60
100	QPSK	135	138		18.16		19.60
100	QPSK	270	0		18.05		19.60
100	16QAM	1	1		17.65		19.60
100	64QAM	1	1		18.23		19.60
100	256QAM	1	1		18.06		19.60
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	17.87	17.88	17.89	19.60
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	17.80	17.86	17.79	19.60
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	17.72	17.77	17.75	19.60
Channel				632000	633332	634666	Tune-up limit

	Frequency (MHz)			3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	17.74	17.79	17.76	19.60
	Channel			631668	633332	635000	Tune-up limit
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	17.80	17.81	17.78	19.60
	Channel			631334	633332	635332	Tune-up limit
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	17.80	17.77	17.85	19.60
	Channel			631000	633332	635666	Tune-up limit
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	17.73	17.73	17.87	19.60
	Channel			630834	633332	635832	Tune-up limit
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	17.83	17.77	17.75	19.60
	Channel			630668	633332	636000	Tune-up limit
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	17.83	17.82	17.82	19.60
	Channel			630500	633332	636166	Tune-up limit
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	17.83	17.80	17.76	19.60
	Channel			630334	633332	636332	Tune-up limit
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	17.82	17.80	17.87	19.60

【FR1 n77 (270) _FCC_Part 270 (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	18.12	18.15	18.14	19.60
100	PI/2 BPSK	1	137	18.12	18.23	18.14	19.60
100	PI/2 BPSK	1	271	18.04	18.16	18.01	19.60
100	PI/2 BPSK	135	0	18.07	18.11	18.07	19.60
100	PI/2 BPSK	135	69	17.99	18.04	17.93	19.60
100	PI/2 BPSK	135	138	17.99	18.16	18.01	19.60
100	PI/2 BPSK	270	0	18.02	18.14	17.99	19.60
100	QPSK	1	1	18.03	18.09	18.07	19.60
100	QPSK	1	137	18.03	18.18	18.14	19.60
100	QPSK	1	271	17.98	18.13	18.03	19.60
100	QPSK	135	0	18.06	18.17	18.04	19.60
100	QPSK	135	69	18.04	18.14	17.99	19.60
100	QPSK	135	138	18.12	18.22	18.08	19.60
100	QPSK	270	0	18.10	18.17	18.04	19.60
100	16QAM	1	1	17.62	17.75	17.71	19.60
100	64QAM	1	1	18.12	18.17	18.13	19.60
100	256QAM	1	1	18.05	18.18	18.03	19.60
	Channel			649668	656000	662332	Tune-up limit
	Frequency (MHz)			3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	18.03	18.07	18.04	19.60
	Channel			649334	656000	662666	Tune-up limit
	Frequency (MHz)			3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	18.03	18.04	18.08	19.60
	Channel			649000	656000	663000	Tune-up limit
	Frequency (MHz)			3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	18.11	18.07	18.06	19.60
	Channel			648668	656000	663332	Tune-up limit
	Frequency (MHz)			3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	18.02	18.11	18.01	19.60
	Channel			648334	656000	663666	Tune-up limit
	Frequency (MHz)			3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	17.99	18.11	18.03	19.60
	Channel			648000	656000	664000	Tune-up limit
	Frequency (MHz)			3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	18.10	18.01	18.09	19.60
	Channel			647668	656000	664332	Tune-up limit
	Frequency (MHz)			3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	18.10	18.13	18.08	19.60
	Channel			647500	656000	664500	Tune-up limit
	Frequency (MHz)			3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	18.10	18.01	18.08	19.60
	Channel			647334	656000	664666	Tune-up limit
	Frequency (MHz)			3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	17.98	18.02	18.10	19.60
	Channel			647168	656000	664832	Tune-up limit

Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	18.06	18.02	18.11	19.60
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	18.00	18.11	18.07	19.60

【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		17.88		18.70
100	PI/2 BPSK	1	137		18.02		18.70
100	PI/2 BPSK	1	271		18.06		18.70
100	PI/2 BPSK	135	0		17.99		18.70
100	PI/2 BPSK	135	69		17.97		18.70
100	PI/2 BPSK	135	138		18.09		18.70
100	PI/2 BPSK	270	0		18.02		18.70
100	QPSK	1	1		17.85		18.70
100	QPSK	1	137		18.02		18.70
100	QPSK	1	271		18.05		18.70
100	QPSK	135	0		18.04		18.70
100	QPSK	135	69		18.05		18.70
100	QPSK	135	138		18.16		18.70
100	QPSK	270	0		18.05		18.70
100	16QAM	1	1		17.65		18.70
100	64QAM	1	1		18.23		18.70
100	256QAM	1	1		18.06		18.70
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	17.87	17.88	17.89	18.70
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	17.80	17.86	17.79	18.70
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	17.72	17.77	17.75	18.70
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	17.74	17.79	17.76	18.70
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	17.80	17.81	17.78	18.70
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	17.80	17.77	17.85	18.70
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	17.73	17.73	17.87	18.70
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	17.83	17.77	17.75	18.70
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	17.83	17.82	17.82	18.70
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	17.83	17.80	17.76	18.70
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	17.82	17.80	17.87	18.70

【FR1 n77 (27O)_FCC_Part 27O (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	18.12	18.15	18.14	18.70
100	PI/2 BPSK	1	137	18.12	18.23	18.14	18.70
100	PI/2 BPSK	1	271	18.04	18.16	18.01	18.70

100	PI/2 BPSK	135	0	18.07	18.11	18.07	18.70
100	PI/2 BPSK	135	69	17.99	18.04	17.93	18.70
100	PI/2 BPSK	135	138	17.99	18.16	18.01	18.70
100	PI/2 BPSK	270	0	18.02	18.14	17.99	18.70
100	QPSK	1	1	18.03	18.09	18.07	18.70
100	QPSK	1	137	18.03	18.18	18.14	18.70
100	QPSK	1	271	17.98	18.13	18.03	18.70
100	QPSK	135	0	18.06	18.17	18.04	18.70
100	QPSK	135	69	18.04	18.14	17.99	18.70
100	QPSK	135	138	18.12	18.22	18.08	18.70
100	QPSK	270	0	18.10	18.17	18.04	18.70
100	16QAM	1	1	17.62	17.75	17.71	18.70
100	64QAM	1	1	18.12	18.17	18.13	18.70
100	256QAM	1	1	18.05	18.18	18.03	18.70
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	18.03	18.07	18.04	18.70
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	18.03	18.04	18.08	18.70
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	18.11	18.07	18.06	18.70
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	18.02	18.11	18.01	18.70
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	17.99	18.11	18.03	18.70
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	18.10	18.01	18.09	18.70
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	18.10	18.13	18.08	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	18.01	18.08	18.70
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	17.98	18.02	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	18.06	18.02	18.11	18.70
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	18.00	18.11	18.07	18.70

【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		21.20		21.40
100	PI/2 BPSK	1	137		21.36		21.40
100	PI/2 BPSK	1	271		21.34		21.40
100	PI/2 BPSK	135	0		21.25		21.40
100	PI/2 BPSK	135	69		21.24		21.40
100	PI/2 BPSK	135	138		21.36		21.40
100	PI/2 BPSK	270	0		21.32		21.40
100	QPSK	1	1		21.18		21.40
100	QPSK	1	137		21.35		21.40
100	QPSK	1	271		21.34		21.40
100	QPSK	135	0		21.34		21.40
100	QPSK	135	69		21.37		21.40
100	QPSK	135	138		21.39		21.40
100	QPSK	270	0		21.38		21.40
100	16QAM	1	1		20.89		21.40
100	64QAM	1	1		21.40		21.40
100	256QAM	1	1		20.89		21.40
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	21.23	21.25	21.25	21.40
Channel				632668	633332	634000	Tune-up limit

	Frequency (MHz)			3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	21.12	21.21	21.13	21.40
	Channel			632334	633332	634332	Tune-up limit
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	21.20	21.18	21.11	21.40
	Channel			632000	633332	634666	Tune-up limit
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	21.08	21.17	21.11	21.40
	Channel			631668	633332	635000	Tune-up limit
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	21.12	21.17	21.18	21.40
	Channel			631334	633332	635332	Tune-up limit
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	21.20	21.17	21.12	21.40
	Channel			631000	633332	635666	Tune-up limit
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	21.19	21.17	21.18	21.40
	Channel			630834	633332	635832	Tune-up limit
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	21.18	21.11	21.21	21.40
	Channel			630668	633332	636000	Tune-up limit
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	21.10	21.20	21.11	21.40
	Channel			630500	633332	636166	Tune-up limit
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	21.21	21.12	21.20	21.40
	Channel			630334	633332	636332	Tune-up limit
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	21.21	21.18	21.17	21.40

【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	21.39	21.37	21.33	21.40
100	PI/2 BPSK	1	137	21.28	21.36	21.29	21.40
100	PI/2 BPSK	1	271	21.39	21.40	21.33	21.40
100	PI/2 BPSK	135	0	21.29	21.35	21.17	21.40
100	PI/2 BPSK	135	69	21.12	21.24	21.08	21.40
100	PI/2 BPSK	135	138	21.30	21.33	21.21	21.40
100	PI/2 BPSK	270	0	21.34	21.35	21.19	21.40
100	QPSK	1	1	21.21	21.32	21.21	21.40
100	QPSK	1	137	21.32	21.36	21.30	21.40
100	QPSK	1	271	21.21	21.34	21.24	21.40
100	QPSK	135	0	21.33	21.38	21.23	21.40
100	QPSK	135	69	21.27	21.33	21.24	21.40
100	QPSK	135	138	21.39	21.40	21.33	21.40
100	QPSK	270	0	21.32	21.38	21.25	21.40
100	16QAM	1	1	20.92	21.03	20.97	21.40
100	64QAM	1	1	21.28	21.40	21.31	21.40
100	256QAM	1	1	20.87	20.99	20.92	21.40
	Channel			649668	656000	662332	Tune-up limit
	Frequency (MHz)			3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	21.30	21.32	21.20	21.40
	Channel			649334	656000	662666	Tune-up limit
	Frequency (MHz)			3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	21.30	21.29	21.31	21.40
	Channel			649000	656000	663000	Tune-up limit
	Frequency (MHz)			3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	21.27	21.27	21.27	21.40
	Channel			648668	656000	663332	Tune-up limit
	Frequency (MHz)			3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	21.38	21.24	21.19	21.40
	Channel			648334	656000	663666	Tune-up limit
	Frequency (MHz)			3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	21.26	21.35	21.22	21.40
	Channel			648000	656000	664000	Tune-up limit
	Frequency (MHz)			3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	21.32	21.27	21.27	21.40
	Channel			647668	656000	664332	Tune-up limit
	Frequency (MHz)			3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	21.32	21.32	21.19	21.40
	Channel			647500	656000	664500	Tune-up limit

Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	21.32	21.30	21.23	21.40
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	21.28	21.30	21.19	21.40
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	21.29	21.25	21.20	21.40
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	21.29	21.23	21.21	21.40

【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		21.20		22.10
100	PI/2 BPSK	1	137		21.36		22.10
100	PI/2 BPSK	1	271		21.34		22.10
100	PI/2 BPSK	135	0		21.25		22.10
100	PI/2 BPSK	135	69		21.24		22.10
100	PI/2 BPSK	135	138		21.36		22.10
100	PI/2 BPSK	270	0		21.32		22.10
100	QPSK	1	1		21.18		22.10
100	QPSK	1	137		21.35		22.10
100	QPSK	1	271		21.34		22.10
100	QPSK	135	0		21.34		22.10
100	QPSK	135	69		21.37		22.10
100	QPSK	135	138		21.39		22.10
100	QPSK	270	0		21.38		22.10
100	16QAM	1	1		20.89		22.10
100	64QAM	1	1		21.40		22.10
100	256QAM	1	1		20.89		22.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	21.23	21.25	21.25	22.10
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	21.12	21.21	21.13	22.10
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	21.20	21.18	21.11	22.10
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	21.08	21.17	21.11	22.10
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	21.12	21.17	21.18	22.10
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	21.20	21.17	21.12	22.10
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	21.19	21.17	21.18	22.10
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	21.18	21.11	21.21	22.10
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	21.10	21.20	21.11	22.10
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	21.21	21.12	21.20	22.10
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	21.21	21.18	21.17	22.10

【FR1 n77 (27O) FCC_Part 27O (3700~3980MHz)_HPUE_Ant 5_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low	Power Middle	Power High	Tune-up limit (dBm)
----------	------------	---------	-----------	-----------	--------------	------------	------------------------

Channel				Ch. / Freq.	Ch. / Freq.	Ch. / Freq.	
Frequency (MHz)				650000	656000	662000	
				3750	3840	3930	
100	PI/2 BPSK	1	1	21.39	21.37	21.33	22.10
100	PI/2 BPSK	1	137	21.28	21.36	21.29	22.10
100	PI/2 BPSK	1	271	21.39	21.40	21.33	22.10
100	PI/2 BPSK	135	0	21.29	21.35	21.17	22.10
100	PI/2 BPSK	135	69	21.12	21.24	21.08	22.10
100	PI/2 BPSK	135	138	21.30	21.33	21.21	22.10
100	PI/2 BPSK	270	0	21.34	21.35	21.19	22.10
100	QPSK	1	1	21.21	21.32	21.21	22.10
100	QPSK	1	137	21.32	21.36	21.30	22.10
100	QPSK	1	271	21.21	21.34	21.24	22.10
100	QPSK	135	0	21.33	21.38	21.23	22.10
100	QPSK	135	69	21.27	21.33	21.24	22.10
100	QPSK	135	138	21.39	21.40	21.33	22.10
100	QPSK	270	0	21.32	21.38	21.25	22.10
100	16QAM	1	1	20.92	21.03	20.97	22.10
100	64QAM	1	1	21.28	21.40	21.31	22.10
100	256QAM	1	1	20.87	20.99	20.92	22.00
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	21.30	21.32	21.20	22.10
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	21.30	21.29	21.31	22.10
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	21.27	21.27	21.27	22.10
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	21.38	21.24	21.19	22.10
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	21.26	21.35	21.22	22.10
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	21.32	21.27	21.27	22.10
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	21.32	21.32	21.19	22.10
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	21.32	21.30	21.23	22.10
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	21.28	21.30	21.19	22.10
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	21.29	21.25	21.20	22.10
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	21.29	21.23	21.21	22.10

【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		21.20		21.40
100	PI/2 BPSK	1	137		21.36		21.40
100	PI/2 BPSK	1	271		21.34		21.40
100	PI/2 BPSK	135	0		21.25		21.40
100	PI/2 BPSK	135	69		21.24		21.40
100	PI/2 BPSK	135	138		21.36		21.40
100	PI/2 BPSK	270	0		21.32		21.40
100	QPSK	1	1		21.18		21.40
100	QPSK	1	137		21.35		21.40
100	QPSK	1	271		21.34		21.40
100	QPSK	135	0		21.34		21.40
100	QPSK	135	69		21.37		21.40
100	QPSK	135	138		21.39		21.40
100	QPSK	270	0		21.38		21.40
100	16QAM	1	1		20.89		21.40

100	64QAM	1	1		21.40		21.40
100	256QAM	1	1		20.89		21.40
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	21.23	21.25	21.25	21.40
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	21.12	21.21	21.13	21.40
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	21.20	21.18	21.11	21.40
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	21.08	21.17	21.11	21.40
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	21.12	21.17	21.18	21.40
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	21.20	21.17	21.12	21.40
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	21.19	21.17	21.18	21.40
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	21.18	21.11	21.21	21.40
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	21.10	21.20	21.11	21.40
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	21.21	21.12	21.20	21.40
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	21.21	21.18	21.17	21.40

【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	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	21.39	21.37	21.33	21.40
100	PI/2 BPSK	1	137	21.28	21.36	21.29	21.40
100	PI/2 BPSK	1	271	21.39	21.40	21.33	21.40
100	PI/2 BPSK	135	0	21.29	21.35	21.17	21.40
100	PI/2 BPSK	135	69	21.12	21.24	21.08	21.40
100	PI/2 BPSK	135	138	21.30	21.33	21.21	21.40
100	PI/2 BPSK	270	0	21.34	21.35	21.19	21.40
100	QPSK	1	1	21.21	21.32	21.21	21.40
100	QPSK	1	137	21.32	21.36	21.30	21.40
100	QPSK	1	271	21.21	21.34	21.24	21.40
100	QPSK	135	0	21.33	21.38	21.23	21.40
100	QPSK	135	69	21.27	21.33	21.24	21.40
100	QPSK	135	138	21.39	21.40	21.33	21.40
100	QPSK	270	0	21.32	21.38	21.25	21.40
100	16QAM	1	1	20.92	21.03	20.97	21.40
100	64QAM	1	1	21.28	21.40	21.31	21.40
100	256QAM	1	1	20.87	20.99	20.92	21.40
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	21.30	21.32	21.20	21.40
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	21.30	21.29	21.31	21.40
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	21.27	21.27	21.27	21.40
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	21.38	21.24	21.19	21.40
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	21.26	21.35	21.22	21.40
Channel				648000	656000	664000	Tune-up limit

	Frequency (MHz)			3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	21.32	21.27	21.27	21.40
	Channel			647668	656000	664332	Tune-up limit
	Frequency (MHz)			3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	21.32	21.32	21.19	21.40
	Channel			647500	656000	664500	Tune-up limit
	Frequency (MHz)			3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	21.32	21.30	21.23	21.40
	Channel			647334	656000	664666	Tune-up limit
	Frequency (MHz)			3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	21.28	21.30	21.19	21.40
	Channel			647168	656000	664832	Tune-up limit
	Frequency (MHz)			3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	21.29	21.25	21.20	21.40
	Channel			647000	656000	665000	Tune-up limit
	Frequency (MHz)			3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	21.29	21.23	21.21	21.40

【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		24.10		24.60
100	PI/2 BPSK	1	137		24.29		24.60
100	PI/2 BPSK	1	271		24.04		24.60
100	PI/2 BPSK	135	0		23.58		23.90
100	PI/2 BPSK	135	69		24.10		24.60
100	PI/2 BPSK	135	138		23.58		23.90
100	PI/2 BPSK	270	0		23.62		23.90
100	QPSK	1	1		24.11		24.60
100	QPSK	1	137		24.31		24.60
100	QPSK	1	271		24.06		24.60
100	QPSK	135	0		23.11		24.10
100	QPSK	135	69		24.16		24.60
100	QPSK	135	138		23.11		24.10
100	QPSK	270	0		23.11		24.10
100	16QAM	1	1		23.28		24.10
100	64QAM	1	1		21.44		22.60
100	256QAM	1	1		19.35		20.60
	Channel			633000	633332	633666	Tune-up limit
	Frequency (MHz)			3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	24.02	24.03	24.00	24.60
	Channel			632668	633332	634000	Tune-up limit
	Frequency (MHz)			3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	23.92	23.94	23.92	24.60
	Channel			632334	633332	634332	Tune-up limit
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	23.90	23.91	23.99	24.60
	Channel			632000	633332	634666	Tune-up limit
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	23.90	23.91	23.98	24.60
	Channel			631668	633332	635000	Tune-up limit
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	23.87	23.92	23.87	24.60
	Channel			631334	633332	635332	Tune-up limit
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	23.99	23.92	23.93	24.60
	Channel			631000	633332	635666	Tune-up limit
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	23.98	23.91	23.90	24.60
	Channel			630834	633332	635832	Tune-up limit
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	23.98	23.93	23.91	24.60
	Channel			630668	633332	636000	Tune-up limit
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	23.88	23.97	23.97	24.60

Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	23.92	23.98	23.94	24.60
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	24.01	23.95	23.88	24.60

【FR1 n77 (270) _FCC_Part 270 (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	Tune-up limit (dBm)
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	24.09	24.15	24.11	24.60
100	PI/2 BPSK	1	137	24.19	24.27	24.16	24.60
100	PI/2 BPSK	1	271	24.07	24.15	24.04	24.60
100	PI/2 BPSK	135	0	23.49	23.60	23.48	23.90
100	PI/2 BPSK	135	69	23.97	24.05	23.99	24.60
100	PI/2 BPSK	135	138	23.46	23.58	23.44	23.90
100	PI/2 BPSK	270	0	23.50	23.59	23.49	23.90
100	QPSK	1	1	24.07	24.14	24.09	24.60
100	QPSK	1	137	24.18	24.26	24.14	24.60
100	QPSK	1	271	24.02	24.15	24.07	24.60
100	QPSK	135	0	22.99	23.12	23.04	24.10
100	QPSK	135	69	23.95	24.11	23.97	24.60
100	QPSK	135	138	22.96	23.10	22.96	24.10
100	QPSK	270	0	22.97	23.11	22.93	24.10
100	16QAM	1	1	23.12	23.28	23.17	24.10
100	64QAM	1	1	21.35	21.43	21.33	22.60
100	256QAM	1	1	19.22	19.37	19.27	20.60
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	24.01	24.00	24.07	24.60
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	24.06	24.04	24.02	24.60
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	23.98	24.09	24.06	24.60
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	24.07	24.12	24.00	24.60
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	23.99	24.02	24.03	24.60
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	24.08	24.01	24.00	24.60
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	23.99	24.12	24.04	24.60
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	23.98	24.13	24.01	24.60
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	23.99	24.00	24.03	24.60
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	23.98	24.09	23.99	24.60
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	24.02	24.08	24.07	24.60

【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		Tune-up limit (dBm)
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		20.89		22.00
100	PI/2 BPSK	1	137		20.92		22.00

100	PI/2 BPSK	1	271		20.71		22.00
100	PI/2 BPSK	135	0		20.73		22.00
100	PI/2 BPSK	135	69		20.83		22.00
100	PI/2 BPSK	135	138		20.85		22.00
100	PI/2 BPSK	270	0		20.72		22.00
100	QPSK	1	1		20.77		22.00
100	QPSK	1	137		20.88		22.00
100	QPSK	1	271		20.80		22.00
100	QPSK	135	0		20.81		22.00
100	QPSK	135	69		20.77		22.00
100	QPSK	135	138		20.81		22.00
100	QPSK	270	0		20.79		22.00
100	16QAM	1	1		20.93		22.00
100	64QAM	1	1		20.94		22.00
100	256QAM	1	1		19.55		20.60
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	20.81	20.88	20.85	22.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	20.76	20.82	20.80	22.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	20.83	20.84	20.78	22.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	20.85	20.89	20.86	22.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	20.80	20.77	20.75	22.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	20.81	20.86	20.85	22.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	20.80	20.85	20.82	22.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	20.78	20.82	20.79	22.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	20.82	20.87	20.85	22.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	20.75	20.83	20.73	22.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	20.72	20.80	20.78	22.00

【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	20.83	20.93	20.89	22.00
100	PI/2 BPSK	1	137	20.92	21.05	20.99	22.00
100	PI/2 BPSK	1	271	20.83	21.04	20.89	22.00
100	PI/2 BPSK	135	0	20.80	20.99	20.88	22.00
100	PI/2 BPSK	135	69	20.82	20.96	20.85	22.00
100	PI/2 BPSK	135	138	20.74	20.98	20.90	22.00
100	PI/2 BPSK	270	0	20.83	20.96	20.81	22.00
100	QPSK	1	1	20.67	20.87	20.71	22.00
100	QPSK	1	137	20.81	20.93	20.75	22.00
100	QPSK	1	271	20.76	20.91	20.76	22.00
100	QPSK	135	0	20.72	20.90	20.76	22.00
100	QPSK	135	69	20.83	20.96	20.82	22.00
100	QPSK	135	138	20.76	20.97	20.89	22.00
100	QPSK	270	0	20.79	20.91	20.74	22.00
100	16QAM	1	1	20.81	21.18	20.89	22.00
100	64QAM	1	1	20.73	20.95	20.77	22.00
100	256QAM	1	1	19.47	19.58	19.39	20.60
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	20.79	20.90	20.75	22.00

Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	20.81	20.89	20.84	22.00
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	20.80	20.91	20.74	22.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	20.73	20.85	20.86	22.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	20.69	20.82	20.82	22.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	20.72	20.91	20.79	22.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	20.76	20.91	20.87	22.00
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	20.81	20.79	20.78	22.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	20.78	20.86	20.79	22.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	20.72	20.85	20.80	22.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	20.81	20.87	20.76	22.00

【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		16.07		16.60
100	PI/2 BPSK	1	137		16.25		16.60
100	PI/2 BPSK	1	271		16.01		16.60
100	PI/2 BPSK	135	0		16.13		16.60
100	PI/2 BPSK	135	69		16.15		16.60
100	PI/2 BPSK	135	138		16.06		16.60
100	PI/2 BPSK	270	0		16.09		16.60
100	QPSK	1	1		16.05		16.60
100	QPSK	1	137		16.25		16.60
100	QPSK	1	271		16.00		16.60
100	QPSK	135	0		16.18		16.60
100	QPSK	135	69		16.17		16.60
100	QPSK	135	138		16.11		16.60
100	QPSK	270	0		16.09		16.60
100	16QAM	1	1		16.20		16.60
100	64QAM	1	1		15.96		16.60
100	256QAM	1	1		15.95		16.60
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	16.05	16.10	16.08	16.60
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	16.02	15.99	16.03	16.60
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	15.99	16.05	15.95	16.60
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	16.01	15.96	15.95	16.60
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	15.96	16.05	15.95	16.60
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	15.92	16.07	15.94	16.60
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	15.92	15.96	16.05	16.60

Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	16.02	15.99	16.05	16.60
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	15.93	15.98	15.94	16.60
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	15.90	16.02	16.04	16.60
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	15.95	15.98	16.03	16.60

【FR1 n77 (270)_FCC_Part 270 (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	16.02	16.10	16.06	16.60
100	PI/2 BPSK	1	137	16.06	16.24	16.13	16.60
100	PI/2 BPSK	1	271	15.93	16.05	15.98	16.60
100	PI/2 BPSK	135	0	16.04	16.13	15.96	16.60
100	PI/2 BPSK	135	69	15.91	16.06	16.00	16.60
100	PI/2 BPSK	135	138	15.90	16.06	15.90	16.60
100	PI/2 BPSK	270	0	15.99	16.09	15.94	16.60
100	QPSK	1	1	15.97	16.08	16.02	16.60
100	QPSK	1	137	16.07	16.24	16.06	16.60
100	QPSK	1	271	15.93	16.06	15.98	16.60
100	QPSK	135	0	16.01	16.16	16.03	16.60
100	QPSK	135	69	16.01	16.11	15.92	16.60
100	QPSK	135	138	16.00	16.09	16.00	16.60
100	QPSK	270	0	15.98	16.10	16.03	16.60
100	16QAM	1	1	16.10	16.21	16.07	16.60
100	64QAM	1	1	15.94	15.95	15.90	16.60
100	256QAM	1	1	15.90	15.94	15.91	16.60
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	15.96	16.05	16.03	16.60
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	15.94	15.98	15.98	16.60
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	15.93	16.00	16.05	16.60
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	15.99	16.09	15.93	16.60
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	15.97	16.06	16.03	16.60
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	15.96	16.05	15.92	16.60
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	15.94	16.01	16.00	16.60
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	15.95	16.02	16.05	16.60
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	15.96	15.98	15.97	16.60
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	15.92	16.00	16.02	16.60
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	15.92	16.06	15.95	16.60

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

BW [MHz]	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit
----------	------------	---------	-----------	-------	-------	-------	---------------

				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.	(dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		16.07		17.90
100	PI/2 BPSK	1	137		16.25		17.90
100	PI/2 BPSK	1	271		16.01		17.90
100	PI/2 BPSK	135	0		16.13		17.90
100	PI/2 BPSK	135	69		16.15		17.90
100	PI/2 BPSK	135	138		16.06		17.90
100	PI/2 BPSK	270	0		16.09		17.90
100	QPSK	1	1		16.05		17.90
100	QPSK	1	137		16.25		17.90
100	QPSK	1	271		16.00		17.90
100	QPSK	135	0		16.18		17.90
100	QPSK	135	69		16.17		17.90
100	QPSK	135	138		16.11		17.90
100	QPSK	270	0		16.09		17.90
100	16QAM	1	1		16.20		17.90
100	64QAM	1	1		15.96		17.90
100	256QAM	1	1		15.95		17.90
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	16.05	16.10	16.08	17.90
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	16.02	15.99	16.03	17.90
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	15.99	16.05	15.95	17.90
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	16.01	15.96	15.95	17.90
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	15.96	16.05	15.95	17.90
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	15.92	16.07	15.94	17.90
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	15.92	15.96	16.05	17.90
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	16.02	15.99	16.05	17.90
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	15.93	15.98	15.94	17.90
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	15.90	16.02	16.04	17.90
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	15.95	15.98	16.03	17.90

【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	16.02	16.10	16.06	17.90
100	PI/2 BPSK	1	137	16.06	16.24	16.13	17.90
100	PI/2 BPSK	1	271	15.93	16.05	15.98	17.90
100	PI/2 BPSK	135	0	16.04	16.13	15.96	17.90
100	PI/2 BPSK	135	69	15.91	16.06	16.00	17.90
100	PI/2 BPSK	135	138	15.90	16.06	15.90	17.90
100	PI/2 BPSK	270	0	15.99	16.09	15.94	17.90
100	QPSK	1	1	15.97	16.08	16.02	17.90
100	QPSK	1	137	16.07	16.24	16.06	17.90
100	QPSK	1	271	15.93	16.06	15.98	17.90
100	QPSK	135	0	16.01	16.16	16.03	17.90
100	QPSK	135	69	16.01	16.11	15.92	17.90
100	QPSK	135	138	16.00	16.09	16.00	17.90
100	QPSK	270	0	15.98	16.10	16.03	17.90

100	16QAM	1	1	16.10	16.21	16.07	17.90
100	64QAM	1	1	15.94	15.95	15.90	17.90
100	256QAM	1	1	15.90	15.94	15.91	17.90
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	15.96	16.05	16.03	17.90
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	15.94	15.98	15.98	17.90
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	15.93	16.00	16.05	17.90
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	15.99	16.09	15.93	17.90
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	15.97	16.06	16.03	17.90
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	15.96	16.05	15.92	17.90
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	15.94	16.01	16.00	17.90
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	15.95	16.02	16.05	17.90
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	15.96	15.98	15.97	17.90
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	15.92	16.00	16.02	17.90
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	15.92	16.06	15.95	17.90

【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		16.07		16.60
100	PI/2 BPSK	1	137		16.25		16.60
100	PI/2 BPSK	1	271		16.01		16.60
100	PI/2 BPSK	135	0		16.13		16.60
100	PI/2 BPSK	135	69		16.15		16.60
100	PI/2 BPSK	135	138		16.06		16.60
100	PI/2 BPSK	270	0		16.09		16.60
100	QPSK	1	1		16.05		16.60
100	QPSK	1	137		16.25		16.60
100	QPSK	1	271		16.00		16.60
100	QPSK	135	0		16.18		16.60
100	QPSK	135	69		16.17		16.60
100	QPSK	135	138		16.11		16.60
100	QPSK	270	0		16.09		16.60
100	16QAM	1	1		16.20		16.60
100	64QAM	1	1		15.96		16.60
100	256QAM	1	1		15.95		16.60
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	16.05	16.10	16.08	16.60
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	16.02	15.99	16.03	16.60
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	15.99	16.05	15.95	16.60
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	16.01	15.96	15.95	16.60
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	15.96	16.05	15.95	16.60

Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	15.92	16.07	15.94	16.60
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	15.92	15.96	16.05	16.60
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	16.02	15.99	16.05	16.60
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	15.93	15.98	15.94	16.60
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	15.90	16.02	16.04	16.60
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	15.95	15.98	16.03	16.60

【FR1 n77 (270)_FCC_Part 270 (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	16.02	16.10	16.06	16.60
100	PI/2 BPSK	1	137	16.06	16.24	16.13	16.60
100	PI/2 BPSK	1	271	15.93	16.05	15.98	16.60
100	PI/2 BPSK	135	0	16.04	16.13	15.96	16.60
100	PI/2 BPSK	135	69	15.91	16.06	16.00	16.60
100	PI/2 BPSK	135	138	15.90	16.06	15.90	16.60
100	PI/2 BPSK	270	0	15.99	16.09	15.94	16.60
100	QPSK	1	1	15.97	16.08	16.02	16.60
100	QPSK	1	137	16.07	16.24	16.06	16.60
100	QPSK	1	271	15.93	16.06	15.98	16.60
100	QPSK	135	0	16.01	16.16	16.03	16.60
100	QPSK	135	69	16.01	16.11	15.92	16.60
100	QPSK	135	138	16.00	16.09	16.00	16.60
100	QPSK	270	0	15.98	16.10	16.03	16.60
100	16QAM	1	1	16.10	16.21	16.07	16.60
100	64QAM	1	1	15.94	15.95	15.90	16.60
100	256QAM	1	1	15.90	15.94	15.91	16.60
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	15.96	16.05	16.03	16.60
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	15.94	15.98	15.98	16.60
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	15.93	16.00	16.05	16.60
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	15.99	16.09	15.93	16.60
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	15.97	16.06	16.03	16.60
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	15.96	16.05	15.92	16.60
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	15.94	16.01	16.00	16.60
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	15.95	16.02	16.05	16.60
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	15.96	15.98	15.97	16.60
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	15.92	16.00	16.02	16.60
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	15.92	16.06	15.95	16.60

【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		26.30		27.10
100	PI/2 BPSK	1	137		26.41		27.10
100	PI/2 BPSK	1	271		26.40		27.10
100	PI/2 BPSK	135	0		24.86		25.60
100	PI/2 BPSK	135	69		26.34		27.10
100	PI/2 BPSK	135	138		24.88		25.60
100	PI/2 BPSK	270	0		24.78		25.60
100	QPSK	1	1		26.34		27.10
100	QPSK	1	137		26.41		27.10
100	QPSK	1	271		26.40		27.10
100	QPSK	135	0		24.34		25.10
100	QPSK	135	69		26.38		27.10
100	QPSK	135	138		24.42		25.10
100	QPSK	270	0		24.36		25.10
100	16QAM	1	1		25.29		26.10
100	64QAM	1	1		23.84		24.60
100	256QAM	1	1		22.03		22.60
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	26.28	26.28	26.27	27.10
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	26.24	26.25	26.19	27.10
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	26.15	26.27	26.13	27.10
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	26.24	26.26	26.25	27.10
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	26.14	26.23	26.15	27.10
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	26.21	26.20	26.15	27.10
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	26.25	26.21	26.26	27.10
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	26.19	26.16	26.22	27.10
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	26.13	26.24	26.17	27.10
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	26.14	26.22	26.13	27.10
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	26.22	26.26	26.17	27.10

【FR1 n77 (27O) _FCC_Part 27O (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	26.32	26.43	26.45	27.10

100	PI/2 BPSK	1	137	26.31	26.57	26.45	27.10
100	PI/2 BPSK	1	271	26.24	26.48	26.45	27.10
100	PI/2 BPSK	135	0	24.78	24.98	24.98	25.60
100	PI/2 BPSK	135	69	26.28	26.45	26.34	27.10
100	PI/2 BPSK	135	138	24.81	25.04	25.03	25.60
100	PI/2 BPSK	270	0	24.78	24.93	24.82	25.60
100	QPSK	1	1	26.32	26.46	26.45	27.10
100	QPSK	1	137	26.32	26.57	26.43	27.10
100	QPSK	1	271	26.29	26.51	26.44	27.10
100	QPSK	135	0	24.28	24.52	24.41	25.10
100	QPSK	135	69	26.27	26.53	26.45	27.10
100	QPSK	135	138	24.35	24.58	24.45	25.10
100	QPSK	270	0	24.35	24.48	24.46	25.10
100	16QAM	1	1	25.18	25.38	25.31	26.10
100	64QAM	1	1	23.77	23.93	23.91	24.60
100	256QAM	1	1	21.99	22.14	22.01	22.60
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	26.26	26.28	26.35	27.10
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	26.22	26.37	26.40	27.10
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	26.26	26.35	26.37	27.10
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	26.24	26.34	26.38	27.10
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	26.18	26.41	26.35	27.10
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	26.26	26.30	26.31	27.10
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	26.30	26.37	26.31	27.10
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	26.18	26.29	26.33	27.10
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	26.22	26.36	26.36	27.10
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	26.20	26.37	26.43	27.10
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	26.30	26.41	26.37	27.10

【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		23.94		25.00
100	PI/2 BPSK	1	137		24.00		25.00
100	PI/2 BPSK	1	271		23.93		25.00
100	PI/2 BPSK	135	0		23.95		25.00
100	PI/2 BPSK	135	69		23.92		25.00
100	PI/2 BPSK	135	138		23.92		25.00
100	PI/2 BPSK	270	0		23.89		25.00
100	QPSK	1	1		23.91		25.00
100	QPSK	1	137		23.95		25.00
100	QPSK	1	271		23.90		25.00
100	QPSK	135	0		23.88		25.00
100	QPSK	135	69		23.93		25.00
100	QPSK	135	138		23.89		25.00
100	QPSK	270	0		23.83		25.00
100	16QAM	1	1		23.92		25.00
100	64QAM	1	1		23.86		24.60
100	256QAM	1	1		22.17		22.60
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)

90	PI/2 BPSK	1	1	23.90	23.92	23.84	25.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	23.87	23.86	23.84	25.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	23.83	23.81	23.84	25.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	23.86	23.88	23.82	25.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	23.81	23.84	23.78	25.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	23.92	23.93	23.87	25.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	23.84	23.90	23.92	25.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	23.81	23.89	23.86	25.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	23.80	23.83	23.80	25.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	23.91	23.89	23.79	25.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	23.85	23.90	23.83	25.00

【FR1 n77 (270)_FCC_Part 270 (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	23.91	23.99	23.98	25.00
100	PI/2 BPSK	1	137	23.91	24.10	23.97	25.00
100	PI/2 BPSK	1	271	23.91	24.08	23.98	25.00
100	PI/2 BPSK	135	0	23.84	24.03	23.97	25.00
100	PI/2 BPSK	135	69	23.91	24.05	23.97	25.00
100	PI/2 BPSK	135	138	23.81	24.02	23.96	25.00
100	PI/2 BPSK	270	0	23.79	24.01	23.86	25.00
100	QPSK	1	1	23.86	24.03	23.87	25.00
100	QPSK	1	137	23.91	24.04	23.93	25.00
100	QPSK	1	271	23.85	23.94	23.92	25.00
100	QPSK	135	0	23.80	23.96	23.81	25.00
100	QPSK	135	69	23.78	23.99	23.86	25.00
100	QPSK	135	138	23.87	23.97	23.86	25.00
100	QPSK	270	0	23.79	24.01	23.92	25.00
100	16QAM	1	1	23.81	23.93	23.89	25.00
100	64QAM	1	1	23.85	23.95	23.81	24.60
100	256QAM	1	1	21.97	22.19	22.17	22.60
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	23.79	23.90	23.91	25.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	23.78	23.92	23.92	25.00
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	23.86	23.88	23.88	25.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	23.85	23.85	23.96	25.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	23.85	23.96	23.91	25.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	23.80	23.95	23.93	25.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)

30	PI/2 BPSK	1	1	23.87	23.87	23.93	25.00
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	23.85	23.92	23.96	25.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	23.87	23.89	23.94	25.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	23.86	23.98	23.92	25.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	23.81	23.92	23.85	25.00

【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		19.28		19.60
100	PI/2 BPSK	1	137		19.43		19.60
100	PI/2 BPSK	1	271		19.31		19.60
100	PI/2 BPSK	135	0		19.36		19.60
100	PI/2 BPSK	135	69		19.41		19.60
100	PI/2 BPSK	135	138		19.37		19.60
100	PI/2 BPSK	270	0		19.33		19.60
100	QPSK	1	1		19.31		19.60
100	QPSK	1	137		19.43		19.60
100	QPSK	1	271		19.35		19.60
100	QPSK	135	0		19.40		19.60
100	QPSK	135	69		19.41		19.60
100	QPSK	135	138		19.40		19.60
100	QPSK	270	0		19.36		19.60
100	16QAM	1	1		19.23		19.60
100	64QAM	1	1		19.30		19.60
100	256QAM	1	1		19.54		19.60
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	19.26	19.25	19.26	19.60
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	19.21	19.18	19.19	19.60
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	19.18	19.21	19.24	19.60
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	19.22	19.12	19.21	19.60
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	19.17	19.21	19.25	19.60
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	19.15	19.11	19.25	19.60
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	19.11	19.18	19.20	19.60
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	19.19	19.14	19.19	19.60
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	19.20	19.22	19.20	19.60
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	19.22	19.23	19.13	19.60
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	19.14	19.21	19.25	19.60

【FR1 n77 (27O) FCC_Part 27O (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	19.29	19.39	19.47	19.60
100	PI/2 BPSK	1	137	19.29	19.53	19.46	19.60
100	PI/2 BPSK	1	271	19.28	19.46	19.47	19.60
100	PI/2 BPSK	135	0	19.29	19.51	19.46	19.60
100	PI/2 BPSK	135	69	19.29	19.52	19.45	19.60
100	PI/2 BPSK	135	138	19.28	19.47	19.47	19.60
100	PI/2 BPSK	270	0	19.29	19.47	19.42	19.60
100	QPSK	1	1	19.27	19.42	19.36	19.60
100	QPSK	1	137	19.29	19.53	19.47	19.60
100	QPSK	1	271	19.29	19.49	19.47	19.60
100	QPSK	135	0	19.28	19.51	19.45	19.60
100	QPSK	135	69	19.27	19.52	19.47	19.60
100	QPSK	135	138	19.29	19.48	19.46	19.60
100	QPSK	270	0	19.28	19.49	19.45	19.60
100	16QAM	1	1	19.16	19.34	19.38	19.60
100	64QAM	1	1	19.20	19.41	19.46	19.60
100	256QAM	1	1	19.29	19.60	19.46	19.60
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	19.15	19.25	19.41	19.60
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	19.15	19.29	19.41	19.60
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	19.18	19.32	19.37	19.60
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	19.22	19.29	19.41	19.60
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	19.17	19.32	19.42	19.60
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	19.24	19.26	19.36	19.60
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	19.18	19.26	19.46	19.60
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	19.23	19.34	19.35	19.60
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	19.18	19.29	19.33	19.60
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	19.27	19.27	19.43	19.60
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	19.25	19.33	19.39	19.60

【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		19.28		20.90
100	PI/2 BPSK	1	137		19.43		20.90
100	PI/2 BPSK	1	271		19.31		20.90
100	PI/2 BPSK	135	0		19.36		20.90
100	PI/2 BPSK	135	69		19.41		20.90
100	PI/2 BPSK	135	138		19.37		20.90
100	PI/2 BPSK	270	0		19.33		20.90
100	QPSK	1	1		19.31		20.90
100	QPSK	1	137		19.43		20.90
100	QPSK	1	271		19.35		20.90
100	QPSK	135	0		19.40		20.90
100	QPSK	135	69		19.41		20.90
100	QPSK	135	138		19.40		20.90

100	QPSK	270	0		19.36		20.90
100	16QAM	1	1		19.23		20.90
100	64QAM	1	1		19.30		20.90
100	256QAM	1	1		19.54		20.90
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	19.26	19.25	19.26	20.90
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	19.21	19.18	19.19	20.90
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	19.18	19.21	19.24	20.90
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	19.22	19.12	19.21	20.90
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	19.17	19.21	19.25	20.90
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	19.15	19.11	19.25	20.90
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	19.11	19.18	19.20	20.90
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	19.19	19.14	19.19	20.90
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	19.20	19.22	19.20	20.90
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	19.22	19.23	19.13	20.90
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	19.14	19.21	19.25	20.90

【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	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	19.29	19.39	19.47	20.90
100	PI/2 BPSK	1	137	19.29	19.53	19.46	20.90
100	PI/2 BPSK	1	271	19.28	19.46	19.47	20.90
100	PI/2 BPSK	135	0	19.29	19.51	19.46	20.90
100	PI/2 BPSK	135	69	19.29	19.52	19.45	20.90
100	PI/2 BPSK	135	138	19.28	19.47	19.47	20.90
100	PI/2 BPSK	270	0	19.29	19.47	19.42	20.90
100	QPSK	1	1	19.27	19.42	19.36	20.90
100	QPSK	1	137	19.29	19.53	19.47	20.90
100	QPSK	1	271	19.29	19.49	19.47	20.90
100	QPSK	135	0	19.28	19.51	19.45	20.90
100	QPSK	135	69	19.27	19.52	19.47	20.90
100	QPSK	135	138	19.29	19.48	19.46	20.90
100	QPSK	270	0	19.28	19.49	19.45	20.90
100	16QAM	1	1	19.16	19.34	19.38	20.90
100	64QAM	1	1	19.20	19.41	19.46	20.90
100	256QAM	1	1	19.29	19.60	19.46	20.90
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	19.15	19.25	19.41	20.90
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	19.15	19.29	19.41	20.90
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	19.18	19.32	19.37	20.90
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	19.22	19.29	19.41	20.90
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)

50	PI/2 BPSK	1	1	19.17	19.32	19.42	20.90
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	19.24	19.26	19.36	20.90
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	19.18	19.26	19.46	20.90
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	19.23	19.34	19.35	20.90
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	19.18	19.29	19.33	20.90
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	19.27	19.27	19.43	20.90
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	19.25	19.33	19.39	20.90

【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		19.28		19.60
100	PI/2 BPSK	1	137		19.43		19.60
100	PI/2 BPSK	1	271		19.31		19.60
100	PI/2 BPSK	135	0		19.36		19.60
100	PI/2 BPSK	135	69		19.41		19.60
100	PI/2 BPSK	135	138		19.37		19.60
100	PI/2 BPSK	270	0		19.33		19.60
100	QPSK	1	1		19.31		19.60
100	QPSK	1	137		19.43		19.60
100	QPSK	1	271		19.35		19.60
100	QPSK	135	0		19.40		19.60
100	QPSK	135	69		19.41		19.60
100	QPSK	135	138		19.40		19.60
100	QPSK	270	0		19.36		19.60
100	16QAM	1	1		19.23		19.60
100	64QAM	1	1		19.30		19.60
100	256QAM	1	1		19.54		19.60
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	19.26	19.25	19.26	19.60
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	19.21	19.18	19.19	19.60
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	19.18	19.21	19.24	19.60
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	19.22	19.12	19.21	19.60
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	19.17	19.21	19.25	19.60
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	19.15	19.11	19.25	19.60
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	19.11	19.18	19.20	19.60
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	19.19	19.14	19.19	19.60
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	19.20	19.22	19.20	19.60
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	19.22	19.23	19.13	19.60
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)

10	PI/2 BPSK	1	1	19.14	19.21	19.25	19.60
----	-----------	---	---	-------	-------	-------	-------

【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	19.29	19.39	19.47	19.60
100	PI/2 BPSK	1	137	19.29	19.53	19.46	19.60
100	PI/2 BPSK	1	271	19.28	19.46	19.47	19.60
100	PI/2 BPSK	135	0	19.29	19.51	19.46	19.60
100	PI/2 BPSK	135	69	19.29	19.52	19.45	19.60
100	PI/2 BPSK	135	138	19.28	19.47	19.47	19.60
100	PI/2 BPSK	270	0	19.29	19.47	19.42	19.60
100	QPSK	1	1	19.27	19.42	19.36	19.60
100	QPSK	1	137	19.29	19.53	19.47	19.60
100	QPSK	1	271	19.29	19.49	19.47	19.60
100	QPSK	135	0	19.28	19.51	19.45	19.60
100	QPSK	135	69	19.27	19.52	19.47	19.60
100	QPSK	135	138	19.29	19.48	19.46	19.60
100	QPSK	270	0	19.28	19.49	19.45	19.60
100	16QAM	1	1	19.16	19.34	19.38	19.60
100	64QAM	1	1	19.20	19.41	19.46	19.60
100	256QAM	1	1	19.29	19.60	19.46	19.60
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	19.15	19.25	19.41	19.60
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	19.15	19.29	19.41	19.60
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	19.18	19.32	19.37	19.60
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	19.22	19.29	19.41	19.60
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	19.17	19.32	19.42	19.60
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	19.24	19.26	19.36	19.60
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	19.18	19.26	19.46	19.60
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	19.23	19.34	19.35	19.60
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	19.18	19.29	19.33	19.60
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	19.27	19.27	19.43	19.60
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	19.25	19.33	19.39	19.60

【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		23.25		24.60
100	PI/2 BPSK	1	137		23.30		24.60
100	PI/2 BPSK	1	271		23.23		24.60
100	PI/2 BPSK	135	0		22.74		23.60
100	PI/2 BPSK	135	69		23.21		24.60
100	PI/2 BPSK	135	138		22.71		23.60
100	PI/2 BPSK	270	0		22.73		23.60
100	QPSK	1	1		23.20		24.80
100	QPSK	1	137		23.27		24.80
100	QPSK	1	271		23.19		24.80
100	QPSK	135	0		22.26		23.80
100	QPSK	135	69		23.25		24.80
100	QPSK	135	138		22.24		23.80
100	QPSK	270	0		22.25		23.80
100	16QAM	1	1		22.50		23.80
100	64QAM	1	1		20.79		22.30
100	256QAM	1	1		19.08		20.30
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	QPSK	1	1	23.16	23.17	23.18	24.80
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	QPSK	1	1	23.03	23.09	23.15	24.80
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	QPSK	1	1	23.05	23.02	23.05	24.80
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	QPSK	1	1	23.03	23.02	23.14	24.80
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	QPSK	1	1	23.14	23.03	23.06	24.80
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	QPSK	1	1	23.03	23.11	23.04	24.80
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	QPSK	1	1	23.08	23.11	23.12	24.80
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	QPSK	1	1	23.11	23.08	23.09	24.80
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	QPSK	1	1	23.05	23.10	23.05	24.80
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	QPSK	1	1	23.01	23.10	23.14	24.80
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	QPSK	1	1	23.11	23.10	23.04	24.80

【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	23.47	23.51	23.57	24.60
100	PI/2 BPSK	1	137	23.53	23.53	23.57	24.60
100	PI/2 BPSK	1	271	23.51	23.58	23.45	24.60
100	PI/2 BPSK	135	0	22.99	23.00	23.00	23.60
100	PI/2 BPSK	135	69	23.46	23.47	23.47	24.60
100	PI/2 BPSK	135	138	23.00	23.00	22.95	23.60
100	PI/2 BPSK	270	0	22.97	22.97	22.98	23.60
100	QPSK	1	1	23.41	23.44	23.50	24.80
100	QPSK	1	137	23.48	23.50	23.53	24.80
100	QPSK	1	271	23.47	23.54	23.41	24.80
100	QPSK	135	0	22.51	22.51	22.53	23.80
100	QPSK	135	69	23.48	23.52	23.49	24.80
100	QPSK	135	138	22.51	22.52	22.45	23.80
100	QPSK	270	0	22.49	22.52	22.48	23.80
100	16QAM	1	1	22.70	22.72	22.76	23.80
100	64QAM	1	1	20.98	20.99	21.03	22.30
100	256QAM	1	1	19.29	19.31	19.37	20.30
Channel				649668	656000	662332	Tune-up limit

	Frequency (MHz)			3745.02	3840	3934.98	(dBm)
90	QPSK	1	1	23.36	23.40	23.51	24.80
	Channel			649334	656000	662666	Tune-up limit
	Frequency (MHz)			3740.01	3840	3939.99	(dBm)
80	QPSK	1	1	23.43	23.37	23.48	24.80
	Channel			649000	656000	663000	Tune-up limit
	Frequency (MHz)			3735	3840	3945	(dBm)
70	QPSK	1	1	23.41	23.48	23.45	24.80
	Channel			648668	656000	663332	Tune-up limit
	Frequency (MHz)			3730.02	3840	3949.98	(dBm)
60	QPSK	1	1	23.42	23.44	23.42	24.80
	Channel			648334	656000	663666	Tune-up limit
	Frequency (MHz)			3725.01	3840	3954.99	(dBm)
50	QPSK	1	1	23.38	23.46	23.54	24.80
	Channel			648000	656000	664000	Tune-up limit
	Frequency (MHz)			3720	3840	3960	(dBm)
40	QPSK	1	1	23.38	23.46	23.50	24.80
	Channel			647668	656000	664332	Tune-up limit
	Frequency (MHz)			3715.02	3840	3964.98	(dBm)
30	QPSK	1	1	23.40	23.47	23.43	24.80
	Channel			647500	656000	664500	Tune-up limit
	Frequency (MHz)			3712.5	3840	3967.5	(dBm)
25	QPSK	1	1	23.45	23.41	23.45	24.80
	Channel			647334	656000	664666	Tune-up limit
	Frequency (MHz)			3710.01	3840	3969.99	(dBm)
20	QPSK	1	1	23.35	23.37	23.46	24.80
	Channel			647168	656000	664832	Tune-up limit
	Frequency (MHz)			3707.52	3840	3972.48	(dBm)
15	QPSK	1	1	23.33	23.46	23.47	24.80
	Channel			647000	656000	665000	Tune-up limit
	Frequency (MHz)			3705	3840	3975	(dBm)
10	QPSK	1	1	23.33	23.38	23.54	24.80

【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		23.25		24.20
100	PI/2 BPSK	1	137		23.30		24.20
100	PI/2 BPSK	1	271		23.23		24.20
100	PI/2 BPSK	135	0		22.74		23.40
100	PI/2 BPSK	135	69		23.21		24.20
100	PI/2 BPSK	135	138		22.71		23.40
100	PI/2 BPSK	270	0		22.73		23.40
100	QPSK	1	1		23.20		24.20
100	QPSK	1	137		23.27		24.20
100	QPSK	1	271		23.19		24.20
100	QPSK	135	0		22.26		23.60
100	QPSK	135	69		23.25		24.20
100	QPSK	135	138		22.24		23.60
100	QPSK	270	0		22.25		23.60
100	16QAM	1	1		22.50		23.60
100	64QAM	1	1		20.79		22.10
100	256QAM	1	1		19.08		20.10
	Channel			633000	633332	633666	Tune-up limit
	Frequency (MHz)			3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	23.16	23.17	23.18	24.20
	Channel			632668	633332	634000	Tune-up limit
	Frequency (MHz)			3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	23.03	23.09	23.15	24.20
	Channel			632334	633332	634332	Tune-up limit
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	23.05	23.02	23.05	24.20
	Channel			632000	633332	634666	Tune-up limit
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	23.03	23.02	23.14	24.20
	Channel			631668	633332	635000	Tune-up limit
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	23.14	23.03	23.06	24.20
	Channel			631334	633332	635332	Tune-up limit
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	23.03	23.11	23.04	24.20
	Channel			631000	633332	635666	Tune-up limit

	Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	23.08	23.11	23.12	24.20
	Channel			630834	633332	635832	Tune-up limit
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	23.11	23.08	23.09	24.20
	Channel			630668	633332	636000	Tune-up limit
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	23.05	23.10	23.05	24.20
	Channel			630500	633332	636166	Tune-up limit
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	23.01	23.10	23.14	24.20
	Channel			630334	633332	636332	Tune-up limit
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	23.11	23.10	23.04	24.20

【FR1 n77 (270) FCC_Part 270 (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	23.47	23.51	23.57	24.20
100	PI/2 BPSK	1	137	23.53	23.53	23.57	24.20
100	PI/2 BPSK	1	271	23.51	23.58	23.45	24.20
100	PI/2 BPSK	135	0	22.99	23.00	23.00	23.40
100	PI/2 BPSK	135	69	23.46	23.47	23.47	24.20
100	PI/2 BPSK	135	138	23.00	23.00	22.95	23.40
100	PI/2 BPSK	270	0	22.97	22.97	22.98	23.40
100	QPSK	1	1	23.41	23.44	23.50	24.20
100	QPSK	1	137	23.48	23.50	23.53	24.20
100	QPSK	1	271	23.47	23.54	23.41	24.20
100	QPSK	135	0	22.51	22.51	22.53	23.60
100	QPSK	135	69	23.48	23.52	23.49	24.20
100	QPSK	135	138	22.51	22.52	22.45	23.60
100	QPSK	270	0	22.49	22.52	22.48	23.60
100	16QAM	1	1	22.70	22.72	22.76	23.60
100	64QAM	1	1	20.98	20.99	21.03	22.10
100	256QAM	1	1	19.29	19.31	19.37	20.10
	Channel			649668	656000	662332	Tune-up limit
	Frequency (MHz)			3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	23.36	23.40	23.51	24.20
	Channel			649334	656000	662666	Tune-up limit
	Frequency (MHz)			3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	23.43	23.37	23.48	24.20
	Channel			649000	656000	663000	Tune-up limit
	Frequency (MHz)			3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	23.41	23.48	23.45	24.20
	Channel			648668	656000	663332	Tune-up limit
	Frequency (MHz)			3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	23.42	23.44	23.42	24.20
	Channel			648334	656000	663666	Tune-up limit
	Frequency (MHz)			3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	23.38	23.46	23.54	24.20
	Channel			648000	656000	664000	Tune-up limit
	Frequency (MHz)			3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	23.38	23.46	23.50	24.20
	Channel			647668	656000	664332	Tune-up limit
	Frequency (MHz)			3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	23.40	23.47	23.43	24.20
	Channel			647500	656000	664500	Tune-up limit
	Frequency (MHz)			3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	23.45	23.41	23.45	24.20
	Channel			647334	656000	664666	Tune-up limit
	Frequency (MHz)			3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	23.35	23.37	23.46	24.20
	Channel			647168	656000	664832	Tune-up limit
	Frequency (MHz)			3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	23.33	23.46	23.47	24.20
	Channel			647000	656000	665000	Tune-up limit
	Frequency (MHz)			3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	23.33	23.38	23.54	24.20

【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		14.82		15.30
100	PI/2 BPSK	1	137		14.83		15.30
100	PI/2 BPSK	1	271		14.93		15.30
100	PI/2 BPSK	135	0		14.85		15.30
100	PI/2 BPSK	135	69		14.77		15.30
100	PI/2 BPSK	135	138		14.88		15.30
100	PI/2 BPSK	270	0		14.83		15.30
100	QPSK	1	1		14.77		15.30
100	QPSK	1	137		14.77		15.30
100	QPSK	1	271		14.88		15.30
100	QPSK	135	0		14.86		15.30
100	QPSK	135	69		14.81		15.30
100	QPSK	135	138		14.89		15.30
100	QPSK	270	0		14.85		15.30
100	16QAM	1	1		15.05		15.30
100	64QAM	1	1		14.84		15.30
100	256QAM	1	1		14.92		15.30
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	14.82	14.80	14.81	15.30
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	14.71	14.76	14.78	15.30
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	14.74	14.74	14.71	15.30
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	14.80	14.70	14.75	15.30
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	14.75	14.71	14.72	15.30
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	14.77	14.70	14.78	15.30
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	14.80	14.79	14.75	15.30
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	14.74	14.78	14.79	15.30
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	14.74	14.71	14.71	15.30
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	14.72	14.73	14.79	15.30
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	14.78	14.72	14.79	15.30

【FR1 n77 (27O) _FCC_Part 27O (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	14.90	14.96	15.01	15.30
100	PI/2 BPSK	1	137	14.91	15.00	15.02	15.30
100	PI/2 BPSK	1	271	15.04	15.13	15.05	15.30
100	PI/2 BPSK	135	0	14.93	15.03	15.05	15.30
100	PI/2 BPSK	135	69	14.77	14.95	14.89	15.30
100	PI/2 BPSK	135	138	14.84	15.00	15.01	15.30
100	PI/2 BPSK	270	0	14.89	14.99	14.93	15.30
100	QPSK	1	1	14.76	14.89	14.80	15.30
100	QPSK	1	137	14.80	14.94	14.91	15.30
100	QPSK	1	271	14.85	15.00	14.98	15.30
100	QPSK	135	0	14.80	14.99	14.92	15.30
100	QPSK	135	69	14.86	14.98	14.90	15.30

100	QPSK	135	138	14.78	14.97	14.96	15.30
100	QPSK	270	0	14.77	14.97	14.89	15.30
100	16QAM	1	1	14.93	15.11	15.02	15.30
100	64QAM	1	1	14.74	14.91	14.91	15.30
100	256QAM	1	1	14.99	15.12	15.15	15.30
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	14.79	14.86	14.92	15.30
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	14.77	14.93	14.91	15.30
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	14.79	14.95	14.90	15.30
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	14.77	14.84	15.00	15.30
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	14.77	14.88	14.93	15.30
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	14.83	14.85	14.91	15.30
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	14.88	14.92	14.91	15.30
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	14.86	14.91	14.89	15.30
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	14.78	14.88	14.92	15.30
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	14.88	14.93	14.97	15.30
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	14.83	14.93	14.94	15.30

【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		14.82		16.70
100	PI/2 BPSK	1	137		14.83		16.70
100	PI/2 BPSK	1	271		14.93		16.70
100	PI/2 BPSK	135	0		14.85		16.70
100	PI/2 BPSK	135	69		14.77		16.70
100	PI/2 BPSK	135	138		14.88		16.70
100	PI/2 BPSK	270	0		14.83		16.70
100	QPSK	1	1		14.77		16.70
100	QPSK	1	137		14.77		16.70
100	QPSK	1	271		14.88		16.70
100	QPSK	135	0		14.86		16.70
100	QPSK	135	69		14.81		16.70
100	QPSK	135	138		14.89		16.70
100	QPSK	270	0		14.85		16.70
100	16QAM	1	1		15.05		16.70
100	64QAM	1	1		14.84		16.70
100	256QAM	1	1		14.92		16.70
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	14.82	14.80	14.81	16.70
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	14.71	14.76	14.78	16.70
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	14.74	14.74	14.71	16.70
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	14.80	14.70	14.75	16.70
Channel				631668	633332	635000	Tune-up limit

		Frequency (MHz)			3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1		14.75	14.71	14.72	16.70
		Channel			631334	633332	635332	Tune-up limit
		Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1		14.77	14.70	14.78	16.70
		Channel			631000	633332	635666	Tune-up limit
		Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1		14.80	14.79	14.75	16.70
		Channel			630834	633332	635832	Tune-up limit
		Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1		14.74	14.78	14.79	16.70
		Channel			630668	633332	636000	Tune-up limit
		Frequency (MHz)			3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1		14.74	14.71	14.71	16.70
		Channel			630500	633332	636166	Tune-up limit
		Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1		14.72	14.73	14.79	16.70
		Channel			630334	633332	636332	Tune-up limit
		Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1		14.78	14.72	14.79	16.70

【FR1 n77 (270) FCC_Part 270 (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)
				650000	656000	662000	
				Channel			
				Frequency (MHz)			
100	PI/2 BPSK	1	1	14.90	14.96	15.01	16.70
100	PI/2 BPSK	1	137	14.91	15.00	15.02	16.70
100	PI/2 BPSK	1	271	15.04	15.13	15.05	16.70
100	PI/2 BPSK	135	0	14.93	15.03	15.05	16.70
100	PI/2 BPSK	135	69	14.77	14.95	14.89	16.70
100	PI/2 BPSK	135	138	14.84	15.00	15.01	16.70
100	PI/2 BPSK	270	0	14.89	14.99	14.93	16.70
100	QPSK	1	1	14.76	14.89	14.80	16.70
100	QPSK	1	137	14.80	14.94	14.91	16.70
100	QPSK	1	271	14.85	15.00	14.98	16.70
100	QPSK	135	0	14.80	14.99	14.92	16.70
100	QPSK	135	69	14.86	14.98	14.90	16.70
100	QPSK	135	138	14.78	14.97	14.96	16.70
100	QPSK	270	0	14.77	14.97	14.89	16.70
100	16QAM	1	1	14.93	15.11	15.02	16.70
100	64QAM	1	1	14.74	14.91	14.91	16.70
100	256QAM	1	1	14.99	15.12	15.15	16.70
				Channel			
				Frequency (MHz)			
90	PI/2 BPSK	1	1	14.79	14.86	14.92	16.70
				Channel			
				Frequency (MHz)			
80	PI/2 BPSK	1	1	14.77	14.93	14.91	16.70
				Channel			
				Frequency (MHz)			
70	PI/2 BPSK	1	1	14.79	14.95	14.90	16.70
				Channel			
				Frequency (MHz)			
60	PI/2 BPSK	1	1	14.77	14.84	15.00	16.70
				Channel			
				Frequency (MHz)			
50	PI/2 BPSK	1	1	14.77	14.88	14.93	16.70
				Channel			
				Frequency (MHz)			
40	PI/2 BPSK	1	1	14.83	14.85	14.91	16.70
				Channel			
				Frequency (MHz)			
30	PI/2 BPSK	1	1	14.88	14.92	14.91	16.70
				Channel			
				Frequency (MHz)			
25	PI/2 BPSK	1	1	14.86	14.91	14.89	16.70
				Channel			
				Frequency (MHz)			
20	PI/2 BPSK	1	1	14.78	14.88	14.92	16.70
				Channel			
				Frequency (MHz)			
15	PI/2 BPSK	1	1	14.88	14.93	14.97	16.70
				Channel			
				Frequency (MHz)			
				Channel			

Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	14.83	14.93	14.94	16.70

【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		14.82		15.30
100	PI/2 BPSK	1	137		14.83		15.30
100	PI/2 BPSK	1	271		14.93		15.30
100	PI/2 BPSK	135	0		14.85		15.30
100	PI/2 BPSK	135	69		14.77		15.30
100	PI/2 BPSK	135	138		14.88		15.30
100	PI/2 BPSK	270	0		14.83		15.30
100	QPSK	1	1		14.77		15.30
100	QPSK	1	137		14.77		15.30
100	QPSK	1	271		14.88		15.30
100	QPSK	135	0		14.86		15.30
100	QPSK	135	69		14.81		15.30
100	QPSK	135	138		14.89		15.30
100	QPSK	270	0		14.85		15.30
100	16QAM	1	1		15.05		15.30
100	64QAM	1	1		14.84		15.30
100	256QAM	1	1		14.92		15.30
Channel				633000	633332	633666	
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	14.82	14.80	14.81	15.30
Channel				632668	633332	634000	
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	14.71	14.76	14.68	15.30
Channel				632334	633332	634332	
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	14.74	14.74	14.71	15.30
Channel				632000	633332	634666	
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	14.80	14.70	14.75	15.30
Channel				631668	633332	635000	
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	14.67	14.67	14.69	15.30
Channel				631334	633332	635332	
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	14.69	14.68	14.78	15.30
Channel				631000	633332	635666	
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	14.80	14.79	14.75	15.30
Channel				630834	633332	635832	
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	14.74	14.78	14.79	15.30
Channel				630668	633332	636000	
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	14.74	14.66	14.71	15.30
Channel				630500	633332	636166	
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	14.72	14.73	14.79	15.30
Channel				630334	633332	636332	
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	14.78	14.66	14.79	15.30

【FR1 n77 (27O) _FCC_Part 27O (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	14.90	14.96	15.01	15.30
100	PI/2 BPSK	1	137	14.91	15.00	15.02	15.30
100	PI/2 BPSK	1	271	15.04	15.13	15.05	15.30
100	PI/2 BPSK	135	0	14.93	15.03	15.05	15.30
100	PI/2 BPSK	135	69	14.77	14.95	14.89	15.30
100	PI/2 BPSK	135	138	14.84	15.00	15.01	15.30

100	PI/2 BPSK	270	0	14.89	14.99	14.93	15.30
100	QPSK	1	1	14.76	14.89	14.80	15.30
100	QPSK	1	137	14.80	14.94	14.91	15.30
100	QPSK	1	271	14.85	15.00	14.98	15.30
100	QPSK	135	0	14.80	14.99	14.92	15.30
100	QPSK	135	69	14.86	14.98	14.90	15.30
100	QPSK	135	138	14.78	14.97	14.96	15.30
100	QPSK	270	0	14.77	14.97	14.89	15.30
100	16QAM	1	1	14.93	15.11	15.02	15.30
100	64QAM	1	1	14.74	14.91	14.91	15.30
100	256QAM	1	1	14.99	15.12	15.15	15.30
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	14.79	14.86	14.92	15.30
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	14.77	14.93	14.91	15.30
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	14.79	14.95	14.90	15.30
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	14.77	14.84	15.00	15.30
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	14.77	14.88	14.93	15.30
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	14.83	14.85	14.91	15.30
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	14.88	14.92	14.91	15.30
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	14.86	14.91	14.89	15.30
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	14.78	14.88	14.92	15.30
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	14.88	14.93	14.97	15.30
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	14.83	14.93	14.94	15.30

【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		25.76		26.80
100	PI/2 BPSK	1	137		25.88		26.80
100	PI/2 BPSK	1	271		25.77		26.80
100	PI/2 BPSK	135	0		24.29		25.30
100	PI/2 BPSK	135	69		25.77		26.80
100	PI/2 BPSK	135	138		24.30		25.30
100	PI/2 BPSK	270	0		24.23		25.30
100	QPSK	1	1		25.79		26.80
100	QPSK	1	137		25.88		26.80
100	QPSK	1	271		25.79		26.80
100	QPSK	135	0		23.83		24.80
100	QPSK	135	69		25.84		26.80
100	QPSK	135	138		23.82		24.80
100	QPSK	270	0		23.79		24.80
100	16QAM	1	1		24.75		25.80
100	64QAM	1	1		23.29		24.30
100	256QAM	1	1		21.50		22.30

	Channel			633000	633332	633666	Tune-up limit
	Frequency (MHz)			3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	25.75	25.74	25.75	26.80
	Channel			632668	633332	634000	Tune-up limit
	Frequency (MHz)			3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	25.69	25.71	25.62	26.80
	Channel			632334	633332	634332	Tune-up limit
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	25.61	25.70	25.70	26.80
	Channel			632000	633332	634666	Tune-up limit
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	25.69	25.73	25.61	26.80
	Channel			631668	633332	635000	Tune-up limit
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	25.72	25.66	25.64	26.80
	Channel			631334	633332	635332	Tune-up limit
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	25.62	25.62	25.65	26.80
	Channel			631000	633332	635666	Tune-up limit
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	25.62	25.68	25.74	26.80
	Channel			630834	633332	635832	Tune-up limit
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	25.66	25.65	25.66	26.80
	Channel			630668	633332	636000	Tune-up limit
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	25.61	25.68	25.60	26.80
	Channel			630500	633332	636166	Tune-up limit
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	25.72	25.64	25.67	26.80
	Channel			630334	633332	636332	Tune-up limit
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	25.69	25.60	25.61	26.80

【FR1 n77 (270) FCC_Part 270 (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	25.77	25.77	25.83	26.80
100	PI/2 BPSK	1	137	25.75	25.91	25.83	26.80
100	PI/2 BPSK	1	271	25.74	25.86	25.78	26.80
100	PI/2 BPSK	135	0	24.31	24.32	24.23	25.30
100	PI/2 BPSK	135	69	25.69	25.78	25.73	26.80
100	PI/2 BPSK	135	138	24.28	24.40	24.32	25.30
100	PI/2 BPSK	270	0	24.17	24.29	24.29	25.30
100	QPSK	1	1	25.71	25.79	25.82	26.80
100	QPSK	1	137	25.77	25.91	25.81	26.80
100	QPSK	1	271	25.77	25.89	25.83	26.80
100	QPSK	135	0	23.69	23.84	23.88	24.80
100	QPSK	135	69	25.76	25.78	25.76	26.80
100	QPSK	135	138	23.79	23.92	23.93	24.80
100	QPSK	270	0	23.79	23.81	23.82	24.80
100	16QAM	1	1	24.62	24.72	24.75	25.80
100	64QAM	1	1	23.17	23.25	23.22	24.30
100	256QAM	1	1	21.46	21.47	21.45	22.30
	Channel			649668	656000	662332	Tune-up limit
	Frequency (MHz)			3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	25.64	25.63	25.75	26.80
	Channel			649334	656000	662666	Tune-up limit
	Frequency (MHz)			3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	25.67	25.63	25.80	26.80
	Channel			649000	656000	663000	Tune-up limit
	Frequency (MHz)			3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	25.64	25.63	25.74	26.80
	Channel			648668	656000	663332	Tune-up limit
	Frequency (MHz)			3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	25.67	25.70	25.71	26.80
	Channel			648334	656000	663666	Tune-up limit
	Frequency (MHz)			3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	25.63	25.72	25.80	26.80
	Channel			648000	656000	664000	Tune-up limit
	Frequency (MHz)			3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	25.70	25.62	25.80	26.80

Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	25.67	25.72	25.74	26.80
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	25.74	25.71	25.75	26.80
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	25.71	25.63	25.69	26.80
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	25.69	25.73	25.82	26.80
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	25.73	25.70	25.76	26.80

【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		25.76		26.80
100	PI/2 BPSK	1	137		25.88		26.80
100	PI/2 BPSK	1	271		25.77		26.80
100	PI/2 BPSK	135	0		24.29		25.30
100	PI/2 BPSK	135	69		25.77		26.80
100	PI/2 BPSK	135	138		24.30		25.30
100	PI/2 BPSK	270	0		24.23		25.30
100	QPSK	1	1		25.79		26.80
100	QPSK	1	137		25.88		26.80
100	QPSK	1	271		25.79		26.80
100	QPSK	135	0		23.83		24.80
100	QPSK	135	69		25.84		26.80
100	QPSK	135	138		23.82		24.80
100	QPSK	270	0		23.79		24.80
100	16QAM	1	1		24.75		25.80
100	64QAM	1	1		23.29		24.30
100	256QAM	1	1		21.50		22.30
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	25.75	25.74	25.75	26.80
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	25.69	25.71	25.62	26.80
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	25.61	25.70	25.70	26.80
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	25.69	25.73	25.61	26.80
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	25.72	25.66	25.64	26.80
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	25.62	25.62	25.65	26.80
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	25.62	25.68	25.74	26.80
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	25.66	25.65	25.66	26.80
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	25.61	25.68	25.60	26.80
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	25.72	25.64	25.67	26.80
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	25.69	25.60	25.61	26.80

【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	25.77	25.77	25.83	26.80
100	PI/2 BPSK	1	137	25.75	25.91	25.83	26.80
100	PI/2 BPSK	1	271	25.74	25.86	25.78	26.80
100	PI/2 BPSK	135	0	24.31	24.32	24.23	25.30
100	PI/2 BPSK	135	69	25.69	25.78	25.73	26.80
100	PI/2 BPSK	135	138	24.28	24.40	24.32	25.30
100	PI/2 BPSK	270	0	24.17	24.29	24.29	25.30
100	QPSK	1	1	25.71	25.79	25.82	26.80
100	QPSK	1	137	25.77	25.91	25.81	26.80
100	QPSK	1	271	25.77	25.89	25.83	26.80
100	QPSK	135	0	23.69	23.84	23.88	24.80
100	QPSK	135	69	25.76	25.78	25.76	26.80
100	QPSK	135	138	23.79	23.92	23.93	24.80
100	QPSK	270	0	23.79	23.81	23.82	24.80
100	16QAM	1	1	24.62	24.72	24.75	25.80
100	64QAM	1	1	23.17	23.25	23.22	24.30
100	256QAM	1	1	21.46	21.47	21.45	22.30
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	25.64	25.63	25.75	26.80
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	25.67	25.63	25.80	26.80
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	25.64	25.63	25.74	26.80
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	25.67	25.70	25.71	26.80
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	25.63	25.72	25.80	26.80
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	25.70	25.62	25.80	26.80
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	25.67	25.72	25.74	26.80
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	25.74	25.71	25.75	26.80
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	25.71	25.63	25.69	26.80
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	25.69	25.73	25.82	26.80
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	25.73	25.70	25.76	26.80

【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		18.22		18.30
100	PI/2 BPSK	1	137		18.30		18.30
100	PI/2 BPSK	1	271		18.23		18.30
100	PI/2 BPSK	135	0		18.30		18.30
100	PI/2 BPSK	135	69		18.28		18.30
100	PI/2 BPSK	135	138		18.30		18.30
100	PI/2 BPSK	270	0		18.22		18.30
100	QPSK	1	1		18.27		18.30
100	QPSK	1	137		18.30		18.30
100	QPSK	1	271		18.28		18.30
100	QPSK	135	0		18.30		18.30

100	QPSK	135	69		18.27		18.30
100	QPSK	135	138		18.30		18.30
100	QPSK	270	0		18.22		18.30
100	16QAM	1	1		18.20		18.30
100	64QAM	1	1		18.25		18.30
100	256QAM	1	1		18.30		18.30
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	18.19	18.20	18.20	18.30
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	18.14	18.08	18.14	18.30
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	18.17	18.15	18.06	18.30
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	18.08	18.17	18.07	18.30
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	18.18	18.10	18.12	18.30
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	18.14	18.18	18.17	18.30
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	18.12	18.08	18.15	18.30
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	18.15	18.07	18.15	18.30
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	18.14	18.15	18.13	18.30
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	18.15	18.10	18.18	18.30
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	18.15	18.16	18.10	18.30

【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	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	18.21	18.23	18.30	18.30
100	PI/2 BPSK	1	137	18.20	18.30	18.27	18.30
100	PI/2 BPSK	1	271	18.21	18.30	18.30	18.30
100	PI/2 BPSK	135	0	18.18	18.30	18.30	18.30
100	PI/2 BPSK	135	69	18.13	18.29	18.22	18.30
100	PI/2 BPSK	135	138	18.21	18.29	18.30	18.30
100	PI/2 BPSK	270	0	18.15	18.27	18.20	18.30
100	QPSK	1	1	18.12	18.27	18.25	18.30
100	QPSK	1	137	18.21	18.30	18.27	18.30
100	QPSK	1	271	18.19	18.30	18.22	18.30
100	QPSK	135	0	18.21	18.30	18.27	18.30
100	QPSK	135	69	18.14	18.28	18.24	18.30
100	QPSK	135	138	18.16	18.29	18.22	18.30
100	QPSK	270	0	18.19	18.26	18.29	18.30
100	16QAM	1	1	18.04	18.17	18.21	18.30
100	64QAM	1	1	18.14	18.22	18.27	18.30
100	256QAM	1	1	18.21	18.30	18.30	18.30
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	18.19	18.15	18.28	18.30
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	18.16	18.08	18.24	18.30
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	18.11	18.19	18.26	18.30
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	18.20	18.17	18.21	18.30

Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	18.15	18.21	18.28	18.30
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	18.14	18.19	18.22	18.30
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	18.09	18.09	18.18	18.30
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	18.15	18.21	18.17	18.30
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	18.11	18.12	18.16	18.30
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	18.10	18.14	18.29	18.30
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	18.14	18.17	18.22	18.30

【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_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					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		18.22		19.70
100	PI/2 BPSK	1	137		18.30		19.70
100	PI/2 BPSK	1	271		18.23		19.70
100	PI/2 BPSK	135	0		18.30		19.70
100	PI/2 BPSK	135	69		18.28		19.70
100	PI/2 BPSK	135	138		18.30		19.70
100	PI/2 BPSK	270	0		18.22		19.70
100	QPSK	1	1		18.27		19.70
100	QPSK	1	137		18.30		19.70
100	QPSK	1	271		18.28		19.70
100	QPSK	135	0		18.30		19.70
100	QPSK	135	69		18.27		19.70
100	QPSK	135	138		18.30		19.70
100	QPSK	270	0		18.22		19.70
100	16QAM	1	1		18.20		19.70
100	64QAM	1	1		18.25		19.70
100	256QAM	1	1		18.30		19.70
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	18.19	18.20	18.20	19.70
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	18.14	18.08	18.14	19.70
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	18.17	18.15	18.06	19.70
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	18.08	18.17	18.07	19.70
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	18.18	18.10	18.12	19.70
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	18.14	18.18	18.17	19.70
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	18.12	18.08	18.15	19.70
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	18.15	18.07	18.15	19.70
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	18.14	18.15	18.13	19.70
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	18.15	18.10	18.18	19.70

Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	18.15	18.16	18.10	19.70

【FR1 n77 (270) FCC_Part 27O (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	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	18.21	18.23	18.30	19.70
100	PI/2 BPSK	1	137	18.20	18.30	18.27	19.70
100	PI/2 BPSK	1	271	18.21	18.30	18.30	19.70
100	PI/2 BPSK	135	0	18.18	18.30	18.30	19.70
100	PI/2 BPSK	135	69	18.13	18.29	18.22	19.70
100	PI/2 BPSK	135	138	18.21	18.29	18.30	19.70
100	PI/2 BPSK	270	0	18.15	18.27	18.20	19.70
100	QPSK	1	1	18.12	18.27	18.25	19.70
100	QPSK	1	137	18.21	18.30	18.27	19.70
100	QPSK	1	271	18.19	18.30	18.22	19.70
100	QPSK	135	0	18.21	18.30	18.27	19.70
100	QPSK	135	69	18.14	18.28	18.24	19.70
100	QPSK	135	138	18.16	18.29	18.22	19.70
100	QPSK	270	0	18.19	18.26	18.29	19.70
100	16QAM	1	1	18.04	18.17	18.21	19.70
100	64QAM	1	1	18.14	18.22	18.27	19.70
100	256QAM	1	1	18.21	18.30	18.30	19.70
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	18.19	18.15	18.28	19.70
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	18.16	18.08	18.24	19.70
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	18.11	18.19	18.26	19.70
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	18.20	18.17	18.21	19.70
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	18.15	18.21	18.28	19.70
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	18.14	18.19	18.22	19.70
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	18.09	18.09	18.18	19.70
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	18.15	18.21	18.17	19.70
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	18.11	18.12	18.16	19.70
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	18.10	18.14	18.29	19.70
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	18.14	18.17	18.22	19.70

【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		18.22		18.30
100	PI/2 BPSK	1	137		18.30		18.30
100	PI/2 BPSK	1	271		18.23		18.30
100	PI/2 BPSK	135	0		18.30		18.30
100	PI/2 BPSK	135	69		18.28		18.30

100	PI/2 BPSK	135	138		18.30		18.30
100	PI/2 BPSK	270	0		18.22		18.30
100	QPSK	1	1		18.27		18.30
100	QPSK	1	137		18.30		18.30
100	QPSK	1	271		18.28		18.30
100	QPSK	135	0		18.30		18.30
100	QPSK	135	69		18.27		18.30
100	QPSK	135	138		18.30		18.30
100	QPSK	270	0		18.22		18.30
100	16QAM	1	1		18.20		18.30
100	64QAM	1	1		18.25		18.30
100	256QAM	1	1		18.30		18.30
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	18.19	18.20	18.20	18.30
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	18.14	18.08	18.14	18.30
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	18.17	18.15	18.06	18.30
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	18.08	18.17	18.07	18.30
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	18.18	18.10	18.12	18.30
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	18.14	18.18	18.17	18.30
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	18.12	18.08	18.15	18.30
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	18.15	18.07	18.15	18.30
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	18.14	18.15	18.13	18.30
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	18.15	18.10	18.18	18.30
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	18.15	18.16	18.10	18.30

【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	18.21	18.23	18.30	18.30
100	PI/2 BPSK	1	137	18.20	18.30	18.27	18.30
100	PI/2 BPSK	1	271	18.21	18.30	18.30	18.30
100	PI/2 BPSK	135	0	18.18	18.30	18.30	18.30
100	PI/2 BPSK	135	69	18.13	18.29	18.22	18.30
100	PI/2 BPSK	135	138	18.21	18.29	18.30	18.30
100	PI/2 BPSK	270	0	18.15	18.27	18.20	18.30
100	QPSK	1	1	18.12	18.27	18.25	18.30
100	QPSK	1	137	18.21	18.30	18.27	18.30
100	QPSK	1	271	18.19	18.30	18.22	18.30
100	QPSK	135	0	18.21	18.30	18.27	18.30
100	QPSK	135	69	18.14	18.28	18.24	18.30
100	QPSK	135	138	18.16	18.29	18.22	18.30
100	QPSK	270	0	18.19	18.26	18.29	18.30
100	16QAM	1	1	18.04	18.17	18.21	18.30
100	64QAM	1	1	18.14	18.22	18.27	18.30
100	256QAM	1	1	18.21	18.30	18.30	18.30
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	18.19	18.15	18.28	18.30
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	18.16	18.08	18.24	18.30

Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	18.11	18.19	18.26	18.30
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	18.20	18.17	18.21	18.30
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	18.15	18.21	18.28	18.30
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	18.14	18.19	18.22	18.30
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	18.09	18.09	18.18	18.30
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	18.15	18.21	18.17	18.30
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	18.11	18.12	18.16	18.30
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	18.10	18.14	18.29	18.30
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	18.14	18.17	18.22	18.30

【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		14.15		15.60
100	PI/2 BPSK	1	137		14.28		15.60
100	PI/2 BPSK	1	271		14.49		15.60
100	PI/2 BPSK	135	0		14.24		15.60
100	PI/2 BPSK	135	69		14.27		15.60
100	PI/2 BPSK	135	138		14.34		15.60
100	PI/2 BPSK	270	0		14.28		15.60
100	QPSK	1	1		14.10		15.60
100	QPSK	1	137		14.24		15.60
100	QPSK	1	271		14.44		15.60
100	QPSK	135	0		14.24		15.60
100	QPSK	135	69		14.26		15.60
100	QPSK	135	138		14.34		15.60
100	QPSK	270	0		14.31		15.60
100	16QAM	1	1		14.36		15.60
100	64QAM	1	1		14.14		15.60
100	256QAM	1	1		14.47		15.60
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	14.13	14.14	14.16	15.60
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	13.99	14.01	14.02	15.60
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	14.06	14.04	14.07	15.60
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	14.07	14.05	14.07	15.60
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	14.10	14.12	14.11	15.60
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)

40	PI/2 BPSK	1	1	14.04	14.04	14.09	15.60
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	14.03	14.01	14.04	15.60
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	14.03	14.11	14.12	15.60
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	14.11	14.08	14.11	15.60
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	13.99	14.03	14.02	15.60
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	14.09	14.09	14.09	15.60

【FR1 n78 (270)_FCC_Part 270 (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		14.25		15.60
100	PI/2 BPSK	1	137		14.31		15.60
100	PI/2 BPSK	1	271		14.40		15.60
100	PI/2 BPSK	135	0		14.16		15.60
100	PI/2 BPSK	135	69		14.18		15.60
100	PI/2 BPSK	135	138		14.28		15.60
100	PI/2 BPSK	270	0		14.25		15.60
100	QPSK	1	1		14.18		15.60
100	QPSK	1	137		14.23		15.60
100	QPSK	1	271		14.37		15.60
100	QPSK	135	0		14.18		15.60
100	QPSK	135	69		14.22		15.60
100	QPSK	135	138		14.32		15.60
100	QPSK	270	0		14.26		15.60
100	16QAM	1	1		14.42		15.60
100	64QAM	1	1		14.17		15.60
100	256QAM	1	1		14.51		15.60
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	14.24	14.20	14.21	15.60
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	14.14	14.18	14.06	15.60
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	14.21	14.06	14.14	15.60
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	14.21	14.11	14.10	15.60
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	14.18	14.07	14.08	15.60
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	14.18	14.08	14.11	15.60
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	14.12	14.14	14.17	15.60
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	14.10	14.10	14.18	15.60
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	14.20	14.17	14.11	15.60
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	14.13	14.10	14.14	15.60
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	14.17	14.12	14.16	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		14.15		14.90
100	PI/2 BPSK	1	137		14.28		14.90
100	PI/2 BPSK	1	271		14.49		14.90
100	PI/2 BPSK	135	0		14.24		14.90
100	PI/2 BPSK	135	69		14.27		14.90
100	PI/2 BPSK	135	138		14.34		14.90
100	PI/2 BPSK	270	0		14.28		14.90
100	QPSK	1	1		14.10		14.90
100	QPSK	1	137		14.24		14.90
100	QPSK	1	271		14.44		14.90
100	QPSK	135	0		14.24		14.90
100	QPSK	135	69		14.26		14.90
100	QPSK	135	138		14.34		14.90
100	QPSK	270	0		14.31		14.90
100	16QAM	1	1		14.36		14.90
100	64QAM	1	1		14.14		14.90
100	256QAM	1	1		14.47		14.90
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	14.13	14.14	14.16	14.90
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	13.99	14.01	14.02	14.90
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	14.06	14.04	14.07	14.90
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	14.07	14.05	14.07	14.90
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	14.10	14.12	14.11	14.90
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	14.04	14.04	14.09	14.90
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	14.03	14.01	14.04	14.90
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	14.03	14.11	14.12	14.90
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	14.11	14.08	14.11	14.90
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	13.99	14.03	14.02	14.90
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	14.09	14.09	14.09	14.90

【FR1 n78 (27Q)_FCC_Part 27Q (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		14.25		14.90
100	PI/2 BPSK	1	137		14.31		14.90
100	PI/2 BPSK	1	271		14.40		14.90
100	PI/2 BPSK	135	0		14.16		14.90
100	PI/2 BPSK	135	69		14.18		14.90
100	PI/2 BPSK	135	138		14.28		14.90
100	PI/2 BPSK	270	0		14.25		14.90
100	QPSK	1	1		14.18		14.90
100	QPSK	1	137		14.23		14.90
100	QPSK	1	271		14.37		14.90

100	QPSK	135	0		14.18		14.90
100	QPSK	135	69		14.22		14.90
100	QPSK	135	138		14.32		14.90
100	QPSK	270	0		14.26		14.90
100	16QAM	1	1		14.42		14.90
100	64QAM	1	1		14.17		14.90
100	256QAM	1	1		14.51		14.90
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	14.24	14.20	14.21	14.90
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	14.14	14.18	14.06	14.90
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	14.21	14.06	14.14	14.90
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	14.21	14.11	14.10	14.90
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	14.18	14.07	14.08	14.90
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	14.18	14.08	14.11	14.90
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	14.12	14.14	14.17	14.90
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	14.10	14.10	14.18	14.90
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	14.20	14.17	14.11	14.90
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	14.13	14.10	14.14	14.90
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	14.17	14.12	14.16	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		14.15		14.70
100	PI/2 BPSK	1	137		14.28		14.70
100	PI/2 BPSK	1	271		14.49		14.70
100	PI/2 BPSK	135	0		14.24		14.70
100	PI/2 BPSK	135	69		14.27		14.70
100	PI/2 BPSK	135	138		14.34		14.70
100	PI/2 BPSK	270	0		14.28		14.70
100	QPSK	1	1		14.10		14.70
100	QPSK	1	137		14.24		14.70
100	QPSK	1	271		14.44		14.70
100	QPSK	135	0		14.24		14.70
100	QPSK	135	69		14.26		14.70
100	QPSK	135	138		14.34		14.70
100	QPSK	270	0		14.31		14.70
100	16QAM	1	1		14.36		14.70
100	64QAM	1	1		14.14		14.70
100	256QAM	1	1		14.47		14.70
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	14.13	14.14	14.16	14.70
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	13.99	14.01	14.02	14.70
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	14.06	14.04	14.07	14.70
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)

60	PI/2 BPSK	1	1	14.07	14.05	14.07	14.70
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	14.10	14.12	14.11	14.70
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	14.04	14.04	14.09	14.70
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	14.03	14.01	14.04	14.70
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	14.03	14.11	14.12	14.70
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	14.11	14.08	14.11	14.70
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	13.99	14.03	14.02	14.70
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	14.09	14.09	14.09	14.70

【FR1 n78 (270)_FCC_Part 270 (3700~3800MHz)_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		14.25		14.70
100	PI/2 BPSK	1	137		14.31		14.70
100	PI/2 BPSK	1	271		14.40		14.70
100	PI/2 BPSK	135	0		14.16		14.70
100	PI/2 BPSK	135	69		14.18		14.70
100	PI/2 BPSK	135	138		14.28		14.70
100	PI/2 BPSK	270	0		14.25		14.70
100	QPSK	1	1		14.18		14.70
100	QPSK	1	137		14.23		14.70
100	QPSK	1	271		14.37		14.70
100	QPSK	135	0		14.18		14.70
100	QPSK	135	69		14.22		14.70
100	QPSK	135	138		14.32		14.70
100	QPSK	270	0		14.26		14.70
100	16QAM	1	1		14.42		14.70
100	64QAM	1	1		14.17		14.70
100	256QAM	1	1		14.51		14.70
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	14.24	14.20	14.21	14.70
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	14.14	14.18	14.06	14.70
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	14.21	14.06	14.14	14.70
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	14.21	14.11	14.10	14.70
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	14.18	14.07	14.08	14.70
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	14.18	14.08	14.11	14.70
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	14.12	14.14	14.17	14.70
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	14.10	14.10	14.18	14.70
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	14.20	14.17	14.11	14.70
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)

15	PI/2 BPSK	1	1	14.13	14.10	14.14	14.70
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	14.17	14.12	14.16	14.70

【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		15.66		17.30
100	PI/2 BPSK	1	137		15.77		17.30
100	PI/2 BPSK	1	271		15.90		17.30
100	PI/2 BPSK	135	0		15.77		17.30
100	PI/2 BPSK	135	69		15.77		17.30
100	PI/2 BPSK	135	138		15.88		17.30
100	PI/2 BPSK	270	0		15.82		17.30
100	QPSK	1	1		15.57		17.30
100	QPSK	1	137		15.72		17.30
100	QPSK	1	271		15.89		17.30
100	QPSK	135	0		15.76		17.30
100	QPSK	135	69		15.78		17.30
100	QPSK	135	138		15.87		17.30
100	QPSK	270	0		15.81		17.30
100	16QAM	1	1		15.86		17.30
100	64QAM	1	1		15.66		17.30
100	256QAM	1	1		15.88		17.30
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	15.67	15.65	15.68	17.30
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	15.65	15.56	15.63	17.30
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	15.62	15.62	15.67	17.30
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	15.54	15.54	15.54	17.30
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	15.55	15.58	15.54	17.30
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	15.63	15.64	15.59	17.30
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	15.54	15.62	15.66	17.30
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	15.57	15.58	15.62	17.30
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	15.64	15.60	15.60	17.30
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	15.59	15.61	15.64	17.30
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	15.58	15.61	15.60	17.30

【FR1 n78 (27O) _FCC_Part 27O (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		15.63		17.30
100	PI/2 BPSK	1	137		15.69		17.30
100	PI/2 BPSK	1	271		15.83		17.30
100	PI/2 BPSK	135	0		15.59		17.30

100	PI/2 BPSK	135	69		15.60		17.30
100	PI/2 BPSK	135	138		15.71		17.30
100	PI/2 BPSK	270	0		15.65		17.30
100	QPSK	1	1		15.60		17.30
100	QPSK	1	137		15.68		17.30
100	QPSK	1	271		15.79		17.30
100	QPSK	135	0		15.60		17.30
100	QPSK	135	69		15.60		17.30
100	QPSK	135	138		15.72		17.30
100	QPSK	270	0		15.67		17.30
100	16QAM	1	1		15.81		17.30
100	64QAM	1	1		15.60		17.30
100	256QAM	1	1		15.90		17.30
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	15.61	15.57	15.56	17.30
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	15.56	15.51	15.49	17.30
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	15.48	15.53	15.48	17.30
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	15.59	15.42	15.45	17.30
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	15.52	15.45	15.41	17.30
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	15.54	15.49	15.52	17.30
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	15.48	15.55	15.52	17.30
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	15.55	15.47	15.48	17.30
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	15.56	15.52	15.46	17.30
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	15.57	15.49	15.48	17.30
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	15.50	15.45	15.48	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		14.15		14.70
100	PI/2 BPSK	1	137		14.28		14.70
100	PI/2 BPSK	1	271		14.49		14.70
100	PI/2 BPSK	135	0		14.24		14.70
100	PI/2 BPSK	135	69		14.27		14.70
100	PI/2 BPSK	135	138		14.34		14.70
100	PI/2 BPSK	270	0		14.28		14.70
100	QPSK	1	1		14.10		14.70
100	QPSK	1	137		14.24		14.70
100	QPSK	1	271		14.44		14.70
100	QPSK	135	0		14.24		14.70
100	QPSK	135	69		14.26		14.70
100	QPSK	135	138		14.34		14.70
100	QPSK	270	0		14.31		14.70
100	16QAM	1	1		14.36		14.70
100	64QAM	1	1		14.14		14.70
100	256QAM	1	1		14.47		14.70
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	14.13	14.14	14.16	14.70
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)

80	PI/2 BPSK	1	1	13.99	14.01	14.02	14.70
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	14.06	14.04	14.07	14.70
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	14.07	14.05	14.07	14.70
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	14.10	14.12	14.11	14.70
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	14.04	14.04	14.09	14.70
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	14.03	14.01	14.04	14.70
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	14.03	14.11	14.12	14.70
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	14.11	14.08	14.11	14.70
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	13.99	14.03	14.02	14.70
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	14.09	14.09	14.09	14.70

【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		14.25		14.70
100	PI/2 BPSK	1	137		14.31		14.70
100	PI/2 BPSK	1	271		14.40		14.70
100	PI/2 BPSK	135	0		14.16		14.70
100	PI/2 BPSK	135	69		14.18		14.70
100	PI/2 BPSK	135	138		14.28		14.70
100	PI/2 BPSK	270	0		14.25		14.70
100	QPSK	1	1		14.18		14.70
100	QPSK	1	137		14.23		14.70
100	QPSK	1	271		14.37		14.70
100	QPSK	135	0		14.18		14.70
100	QPSK	135	69		14.22		14.70
100	QPSK	135	138		14.32		14.70
100	QPSK	270	0		14.26		14.70
100	16QAM	1	1		14.42		14.70
100	64QAM	1	1		14.17		14.70
100	256QAM	1	1		14.51		14.70
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	14.24	14.20	14.21	14.70
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	14.14	14.18	14.06	14.70
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	14.21	14.06	14.14	14.70
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	14.21	14.11	14.10	14.70
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	14.18	14.07	14.08	14.70
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	14.18	14.08	14.11	14.70
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	14.12	14.14	14.17	14.70
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)

25	PI/2 BPSK	1	1	14.10	14.10	14.18	14.70
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	14.20	14.17	14.11	14.70
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	14.13	14.10	14.14	14.70
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	14.17	14.12	14.16	14.70

【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		17.58		18.60
100	PI/2 BPSK	1	137		17.66		18.60
100	PI/2 BPSK	1	271		17.82		18.60
100	PI/2 BPSK	135	0		17.63		18.60
100	PI/2 BPSK	135	69		17.57		18.60
100	PI/2 BPSK	135	138		17.68		18.60
100	PI/2 BPSK	270	0		17.72		18.60
100	QPSK	1	1		17.55		18.60
100	QPSK	1	137		17.61		18.60
100	QPSK	1	271		17.81		18.60
100	QPSK	135	0		17.62		18.60
100	QPSK	135	69		17.58		18.60
100	QPSK	135	138		17.77		18.60
100	QPSK	270	0		17.72		18.60
100	16QAM	1	1		17.23		18.60
100	64QAM	1	1		17.90		18.60
100	256QAM	1	1		17.89		18.60
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	17.56	17.55	17.55	18.60
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	17.47	17.44	17.43	18.60
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	17.46	17.53	17.54	18.60
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	17.48	17.45	17.54	18.60
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	17.45	17.50	17.50	18.60
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	17.48	17.45	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	17.42	17.46	17.42	18.60
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	17.49	17.45	17.51	18.60
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	17.42	17.46	17.53	18.60
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	17.54	17.50	17.48	18.60
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	17.43	17.49	17.53	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		17.72		18.60
100	PI/2 BPSK	1	137		17.72		18.60
100	PI/2 BPSK	1	271		17.79		18.60
100	PI/2 BPSK	135	0		17.69		18.60
100	PI/2 BPSK	135	69		17.62		18.60
100	PI/2 BPSK	135	138		17.69		18.60
100	PI/2 BPSK	270	0		17.73		18.60
100	QPSK	1	1		17.66		18.60
100	QPSK	1	137		17.70		18.60
100	QPSK	1	271		17.75		18.60
100	QPSK	135	0		17.70		18.60
100	QPSK	135	69		17.65		18.60
100	QPSK	135	138		17.72		18.60
100	QPSK	270	0		17.74		18.60
100	16QAM	1	1		17.34		18.60
100	64QAM	1	1		17.90		18.60
100	256QAM	1	1		17.89		18.60
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	17.70	17.69	17.71	18.60
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	17.68	17.56	17.68	18.60
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	17.56	17.62	17.62	18.60
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	17.59	17.57	17.61	18.60
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	17.62	17.68	17.69	18.60
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	17.62	17.58	17.58	18.60
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	17.58	17.60	17.58	18.60
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	17.60	17.67	17.63	18.60
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	17.60	17.66	17.63	18.60
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	17.58	17.64	17.64	18.60
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	17.57	17.63	17.64	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		17.58		17.90
100	PI/2 BPSK	1	137		17.66		17.90
100	PI/2 BPSK	1	271		17.82		17.90
100	PI/2 BPSK	135	0		17.63		17.90
100	PI/2 BPSK	135	69		17.57		17.90
100	PI/2 BPSK	135	138		17.68		17.90
100	PI/2 BPSK	270	0		17.72		17.90
100	QPSK	1	1		17.55		17.90
100	QPSK	1	137		17.61		17.90

100	QPSK	1	271		17.81		17.90
100	QPSK	135	0		17.62		17.90
100	QPSK	135	69		17.58		17.90
100	QPSK	135	138		17.77		17.90
100	QPSK	270	0		17.72		17.90
100	16QAM	1	1		17.23		17.90
100	64QAM	1	1		17.90		17.90
100	256QAM	1	1		17.89		17.90
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	17.56	17.55	17.55	17.90
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	17.47	17.44	17.43	17.90
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	17.46	17.53	17.54	17.90
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	17.48	17.45	17.54	17.90
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	17.45	17.50	17.50	17.90
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	17.48	17.45	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	17.42	17.46	17.42	17.90
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	17.49	17.45	17.51	17.90
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	17.42	17.46	17.53	17.90
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	17.54	17.50	17.48	17.90
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	17.43	17.49	17.53	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		17.72		17.90
100	PI/2 BPSK	1	137		17.72		17.90
100	PI/2 BPSK	1	271		17.79		17.90
100	PI/2 BPSK	135	0		17.69		17.90
100	PI/2 BPSK	135	69		17.62		17.90
100	PI/2 BPSK	135	138		17.69		17.90
100	PI/2 BPSK	270	0		17.73		17.90
100	QPSK	1	1		17.66		17.90
100	QPSK	1	137		17.70		17.90
100	QPSK	1	271		17.75		17.90
100	QPSK	135	0		17.70		17.90
100	QPSK	135	69		17.65		17.90
100	QPSK	135	138		17.72		17.90
100	QPSK	270	0		17.74		17.90
100	16QAM	1	1		17.34		17.90
100	64QAM	1	1		17.90		17.90
100	256QAM	1	1		17.89		17.90
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	17.70	17.69	17.71	17.90
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	17.68	17.56	17.68	17.90
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	17.56	17.62	17.62	17.90
Channel				648668	650000	651332	Tune-up limit

60	PI/2 BPSK	1	1	Frequency (MHz)	3730.02	3750	3769.98	(dBm)
				Channel	17.59	17.57	17.61	17.90
				Frequency (MHz)	648334	650000	651666	Tune-up limit
50	PI/2 BPSK	1	1	Channel	3725.01	3750	3774.99	(dBm)
				Frequency (MHz)	17.62	17.68	17.69	17.90
				Channel	648000	650000	652000	Tune-up limit
40	PI/2 BPSK	1	1	Frequency (MHz)	3720	3750	3780	(dBm)
				Channel	17.62	17.58	17.58	17.90
				Frequency (MHz)	647668	650000	652332	Tune-up limit
30	PI/2 BPSK	1	1	Channel	3715.02	3750	3784.98	(dBm)
				Frequency (MHz)	17.58	17.60	17.58	17.90
				Channel	647500	650000	652500	Tune-up limit
25	PI/2 BPSK	1	1	Frequency (MHz)	3712.5	3750	3787.5	(dBm)
				Channel	17.60	17.67	17.63	17.90
				Frequency (MHz)	647334	650000	652666	Tune-up limit
20	PI/2 BPSK	1	1	Channel	3710.01	3750	3789.99	(dBm)
				Frequency (MHz)	17.60	17.66	17.63	17.90
				Channel	647168	650000	652832	Tune-up limit
15	PI/2 BPSK	1	1	Frequency (MHz)	3707.52	3750	3792.48	(dBm)
				Channel	17.58	17.64	17.64	17.90
				Frequency (MHz)	647000	650000	653000	Tune-up limit
10	PI/2 BPSK	1	1	Channel	3705	3750	3795	(dBm)
				Frequency (MHz)	17.57	17.63	17.64	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)
					633332		
					3499.98		
100	PI/2 BPSK	1	1		17.58		17.70
100	PI/2 BPSK	1	137		17.66		17.70
100	PI/2 BPSK	1	271		17.68		17.70
100	PI/2 BPSK	135	0		17.63		17.70
100	PI/2 BPSK	135	69		17.57		17.70
100	PI/2 BPSK	135	138		17.68		17.70
100	PI/2 BPSK	270	0		17.65		17.70
100	QPSK	1	1		17.55		17.70
100	QPSK	1	137		17.61		17.70
100	QPSK	1	271		17.61		17.70
100	QPSK	135	0		17.62		17.70
100	QPSK	135	69		17.58		17.70
100	QPSK	135	138		17.67		17.70
100	QPSK	270	0		17.62		17.70
100	16QAM	1	1		17.23		17.70
100	64QAM	1	1		17.60		17.70
100	256QAM	1	1		17.59		17.70
				633000	633332	633666	Tune-up limit
				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	17.56	17.55	17.55	17.70
				632668	633332	634000	Tune-up limit
				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	17.47	17.44	17.43	17.70
				632334	633332	634332	Tune-up limit
				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	17.46	17.53	17.54	17.70
				632000	633332	634666	Tune-up limit
				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	17.48	17.45	17.54	17.70
				631668	633332	635000	Tune-up limit
				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	17.45	17.50	17.50	17.70
				631334	633332	635332	Tune-up limit
				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	17.48	17.45	17.41	17.70
				631000	633332	635666	Tune-up limit
				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	17.42	17.46	17.42	17.70
				630834	633332	635832	Tune-up limit
				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	17.49	17.45	17.51	17.70
				630668	633332	636000	Tune-up limit
				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	17.42	17.46	17.53	17.70
				630500	633332	636166	Tune-up limit

Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	17.54	17.50	17.48	17.70
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	17.43	17.49	17.53	17.70

【FR1 n78 (27O) _FCC_Part 27O (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		17.52		17.70
100	PI/2 BPSK	1	137		17.52		17.70
100	PI/2 BPSK	1	271		17.65		17.70
100	PI/2 BPSK	135	0		17.63		17.70
100	PI/2 BPSK	135	69		17.42		17.70
100	PI/2 BPSK	135	138		17.49		17.70
100	PI/2 BPSK	270	0		17.53		17.70
100	QPSK	1	1		17.46		17.70
100	QPSK	1	137		17.50		17.70
100	QPSK	1	271		17.55		17.70
100	QPSK	135	0		17.50		17.70
100	QPSK	135	69		17.45		17.70
100	QPSK	135	138		17.52		17.70
100	QPSK	270	0		17.54		17.70
100	16QAM	1	1		17.14		17.70
100	64QAM	1	1		17.70		17.70
100	256QAM	1	1		17.69		17.70
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	17.60	17.59	17.61	17.70
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	17.58	17.56	17.68	17.70
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	17.56	17.62	17.62	17.70
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	17.59	17.57	17.61	17.70
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	17.62	17.68	17.69	17.70
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	17.62	17.58	17.58	17.70
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	17.58	17.60	17.58	17.70
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	17.49	17.67	17.63	17.70
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	17.50	17.66	17.63	17.70
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	17.58	17.64	17.64	17.70
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	17.57	17.63	17.64	17.70

【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		18.57		20.30
100	PI/2 BPSK	1	137		18.65		20.30
100	PI/2 BPSK	1	271		18.83		20.30

100	PI/2 BPSK	135	0		18.64		20.30
100	PI/2 BPSK	135	69		18.56		20.30
100	PI/2 BPSK	135	138		18.68		20.30
100	PI/2 BPSK	270	0		18.72		20.30
100	QPSK	1	1		18.56		20.30
100	QPSK	1	137		18.63		20.30
100	QPSK	1	271		18.82		20.30
100	QPSK	135	0		18.64		20.30
100	QPSK	135	69		18.59		20.30
100	QPSK	135	138		18.77		20.30
100	QPSK	270	0		18.73		20.30
100	16QAM	1	1		18.30		20.30
100	64QAM	1	1		18.90		20.30
100	256QAM	1	1		18.87		20.30
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	18.55	18.55	18.54	20.30
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	18.50	18.47	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	18.50	18.50	18.47	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	18.41	18.49	20.30
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	18.41	18.52	18.44	20.30
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	18.51	18.49	18.51	20.30
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	18.51	18.46	18.48	20.30
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	18.49	18.45	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	18.54	18.45	18.49	20.30
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	18.41	18.42	18.52	20.30
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	18.45	18.40	18.47	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		18.73		20.30
100	PI/2 BPSK	1	137		18.72		20.30
100	PI/2 BPSK	1	271		18.80		20.30
100	PI/2 BPSK	135	0		18.70		20.30
100	PI/2 BPSK	135	69		18.62		20.30
100	PI/2 BPSK	135	138		18.68		20.30
100	PI/2 BPSK	270	0		18.74		20.30
100	QPSK	1	1		18.65		20.30
100	QPSK	1	137		18.70		20.30
100	QPSK	1	271		18.75		20.30
100	QPSK	135	0		18.71		20.30
100	QPSK	135	69		18.66		20.30
100	QPSK	135	138		18.72		20.30
100	QPSK	270	0		18.75		20.30
100	16QAM	1	1		18.36		20.30
100	64QAM	1	1		18.89		20.30
100	256QAM	1	1		18.90		20.30
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	18.70	18.70	18.70	20.30
Channel				649334	650000	650666	Tune-up limit

	Frequency (MHz)			3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	18.68	18.56	18.63	20.30
	Channel			649000	650000	651000	Tune-up limit
	Frequency (MHz)			3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	18.67	18.56	18.59	20.30
	Channel			648668	650000	651332	Tune-up limit
	Frequency (MHz)			3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	18.56	18.63	18.58	20.30
	Channel			648334	650000	651666	Tune-up limit
	Frequency (MHz)			3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	18.65	18.66	18.68	20.30
	Channel			648000	650000	652000	Tune-up limit
	Frequency (MHz)			3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	18.66	18.61	18.68	20.30
	Channel			647668	650000	652332	Tune-up limit
	Frequency (MHz)			3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	18.64	18.59	18.64	20.30
	Channel			647500	650000	652500	Tune-up limit
	Frequency (MHz)			3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	18.68	18.62	18.64	20.30
	Channel			647334	650000	652666	Tune-up limit
	Frequency (MHz)			3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	18.66	18.63	18.60	20.30
	Channel			647168	650000	652832	Tune-up limit
	Frequency (MHz)			3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	18.56	18.59	18.57	20.30
	Channel			647000	650000	653000	Tune-up limit
	Frequency (MHz)			3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	18.56	18.60	18.69	20.30

【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		17.58		17.70
100	PI/2 BPSK	1	137		17.66		17.70
100	PI/2 BPSK	1	271		17.68		17.70
100	PI/2 BPSK	135	0		17.63		17.70
100	PI/2 BPSK	135	69		17.57		17.70
100	PI/2 BPSK	135	138		17.68		17.70
100	PI/2 BPSK	270	0		17.65		17.70
100	QPSK	1	1		17.55		17.70
100	QPSK	1	137		17.61		17.70
100	QPSK	1	271		17.61		17.70
100	QPSK	135	0		17.62		17.70
100	QPSK	135	69		17.58		17.70
100	QPSK	135	138		17.67		17.70
100	QPSK	270	0		17.62		17.70
100	16QAM	1	1		17.23		17.70
100	64QAM	1	1		17.60		17.70
100	256QAM	1	1		17.59		17.70
	Channel			633000	633332	633666	Tune-up limit
	Frequency (MHz)			3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	17.56	17.55	17.55	17.70
	Channel			632668	633332	634000	Tune-up limit
	Frequency (MHz)			3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	17.47	17.44	17.43	17.70
	Channel			632334	633332	634332	Tune-up limit
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	17.46	17.53	17.54	17.70
	Channel			632000	633332	634666	Tune-up limit
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	17.48	17.45	17.54	17.70
	Channel			631668	633332	635000	Tune-up limit
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	17.45	17.50	17.50	17.70
	Channel			631334	633332	635332	Tune-up limit
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	17.48	17.45	17.41	17.70
	Channel			631000	633332	635666	Tune-up limit
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	17.42	17.46	17.42	17.70
	Channel			630834	633332	635832	Tune-up limit

	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	17.49	17.45	17.51	17.70
	Channel			630668	633332	636000	Tune-up limit
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	17.42	17.46	17.53	17.70
	Channel			630500	633332	636166	Tune-up limit
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	17.54	17.50	17.48	17.70
	Channel			630334	633332	636332	Tune-up limit
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	17.43	17.49	17.53	17.70

【FR1 n78 (270) _FCC_Part 270 (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		17.52		17.70
100	PI/2 BPSK	1	137		17.52		17.70
100	PI/2 BPSK	1	271		17.65		17.70
100	PI/2 BPSK	135	0		17.63		17.70
100	PI/2 BPSK	135	69		17.42		17.70
100	PI/2 BPSK	135	138		17.49		17.70
100	PI/2 BPSK	270	0		17.53		17.70
100	QPSK	1	1		17.46		17.70
100	QPSK	1	137		17.50		17.70
100	QPSK	1	271		17.55		17.70
100	QPSK	135	0		17.50		17.70
100	QPSK	135	69		17.45		17.70
100	QPSK	135	138		17.52		17.70
100	QPSK	270	0		17.54		17.70
100	16QAM	1	1		17.14		17.70
100	64QAM	1	1		17.70		17.70
100	256QAM	1	1		17.69		17.70
	Channel			649668	650000	650332	Tune-up limit
	Frequency (MHz)			3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	17.60	17.59	17.61	17.70
	Channel			649334	650000	650666	Tune-up limit
	Frequency (MHz)			3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	17.58	17.56	17.68	17.70
	Channel			649000	650000	651000	Tune-up limit
	Frequency (MHz)			3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	17.56	17.62	17.62	17.70
	Channel			648668	650000	651332	Tune-up limit
	Frequency (MHz)			3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	17.59	17.57	17.61	17.70
	Channel			648334	650000	651666	Tune-up limit
	Frequency (MHz)			3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	17.62	17.68	17.69	17.70
	Channel			648000	650000	652000	Tune-up limit
	Frequency (MHz)			3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	17.62	17.58	17.58	17.70
	Channel			647668	650000	652332	Tune-up limit
	Frequency (MHz)			3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	17.58	17.60	17.58	17.70
	Channel			647500	650000	652500	Tune-up limit
	Frequency (MHz)			3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	17.49	17.67	17.63	17.70
	Channel			647334	650000	652666	Tune-up limit
	Frequency (MHz)			3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	17.50	17.66	17.63	17.70
	Channel			647168	650000	652832	Tune-up limit
	Frequency (MHz)			3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	17.58	17.64	17.64	17.70
	Channel			647000	650000	653000	Tune-up limit
	Frequency (MHz)			3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	17.57	17.63	17.64	17.70

【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		14.65		16.60
100	PI/2 BPSK	1	137		14.77		16.60
100	PI/2 BPSK	1	271		14.93		16.60
100	PI/2 BPSK	135	0		14.80		16.60
100	PI/2 BPSK	135	69		14.79		16.60
100	PI/2 BPSK	135	138		14.89		16.60
100	PI/2 BPSK	270	0		14.80		16.60
100	QPSK	1	1		14.60		16.60
100	QPSK	1	137		14.72		16.60
100	QPSK	1	271		14.89		16.60
100	QPSK	135	0		14.81		16.60
100	QPSK	135	69		14.82		16.60
100	QPSK	135	138		14.89		16.60
100	QPSK	270	0		14.82		16.60
100	16QAM	1	1		14.91		16.60
100	64QAM	1	1		14.72		16.60
100	256QAM	1	1		15.04		16.60
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	14.63	14.66	14.65	16.60
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	14.60	14.61	14.60	16.60
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	14.61	14.60	14.63	16.60
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	14.61	14.64	14.60	16.60
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	14.61	14.61	14.61	16.60
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	14.61	14.61	14.60	16.60
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	14.60	14.62	14.60	16.60
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	14.61	14.61	14.60	16.60
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	14.62	14.60	14.60	16.60
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	14.60	14.61	14.60	16.60
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	14.60	14.62	14.62	16.60

【FR1 n78 (27O)_FCC_Part 27O (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		14.77		16.60
100	PI/2 BPSK	1	137		14.91		16.60
100	PI/2 BPSK	1	271		14.97		16.60
100	PI/2 BPSK	135	0		14.81		16.60
100	PI/2 BPSK	135	69		14.83		16.60
100	PI/2 BPSK	135	138		14.90		16.60
100	PI/2 BPSK	270	0		14.83		16.60
100	QPSK	1	1		14.73		16.60
100	QPSK	1	137		14.87		16.60

100	QPSK	1	271		14.93		16.60
100	QPSK	135	0		14.82		16.60
100	QPSK	135	69		14.85		16.60
100	QPSK	135	138		14.92		16.60
100	QPSK	270	0		14.86		16.60
100	16QAM	1	1		14.96		16.60
100	64QAM	1	1		14.75		16.60
100	256QAM	1	1		15.08		16.60
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	14.72	14.75	14.74	16.60
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	14.65	14.61	14.66	16.60
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	14.61	14.68	14.70	16.60
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	14.60	14.66	14.70	16.60
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	14.67	14.63	14.73	16.60
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	14.61	14.68	14.63	16.60
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	14.67	14.63	14.67	16.60
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	14.67	14.69	14.65	16.60
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	14.62	14.70	14.67	16.60
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	14.63	14.71	14.62	16.60
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	14.67	14.62	14.61	16.60

【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		14.65		15.70
100	PI/2 BPSK	1	137		14.77		15.70
100	PI/2 BPSK	1	271		14.93		15.70
100	PI/2 BPSK	135	0		14.80		15.70
100	PI/2 BPSK	135	69		14.79		15.70
100	PI/2 BPSK	135	138		14.89		15.70
100	PI/2 BPSK	270	0		14.80		15.70
100	QPSK	1	1		14.60		15.70
100	QPSK	1	137		14.72		15.70
100	QPSK	1	271		14.89		15.70
100	QPSK	135	0		14.81		15.70
100	QPSK	135	69		14.82		15.70
100	QPSK	135	138		14.89		15.70
100	QPSK	270	0		14.82		15.70
100	16QAM	1	1		14.91		15.70
100	64QAM	1	1		14.72		15.70
100	256QAM	1	1		15.04		15.70
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	14.63	14.66	14.65	15.70
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	14.60	14.61	14.60	15.70
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	14.61	14.60	14.63	15.70
Channel				632000	633332	634666	Tune-up limit

60	PI/2 BPSK	1	1	Frequency (MHz)	3480	3499.98	3519.99	(dBm)
				Channel	14.61	14.64	14.60	15.70
				Frequency (MHz)	631668	633332	635000	Tune-up limit (dBm)
50	PI/2 BPSK	1	1	Frequency (MHz)	3475.02	3499.98	3525	(dBm)
				Channel	14.61	14.61	14.61	15.70
				Frequency (MHz)	631334	633332	635332	Tune-up limit (dBm)
40	PI/2 BPSK	1	1	Frequency (MHz)	3470.01	3499.98	3529.98	(dBm)
				Channel	14.61	14.61	14.60	15.70
				Frequency (MHz)	631000	633332	635666	Tune-up limit (dBm)
30	PI/2 BPSK	1	1	Frequency (MHz)	3465	3499.98	3534.99	(dBm)
				Channel	14.60	14.62	14.60	15.70
				Frequency (MHz)	630834	633332	635832	Tune-up limit (dBm)
25	PI/2 BPSK	1	1	Frequency (MHz)	3462.51	3499.98	3537.48	(dBm)
				Channel	14.61	14.61	14.60	15.70
				Frequency (MHz)	630668	633332	636000	Tune-up limit (dBm)
20	PI/2 BPSK	1	1	Frequency (MHz)	3460.02	3499.98	3540	(dBm)
				Channel	14.62	14.60	14.60	15.70
				Frequency (MHz)	630500	633332	636166	Tune-up limit (dBm)
15	PI/2 BPSK	1	1	Frequency (MHz)	3457.5	3499.98	3542.49	(dBm)
				Channel	14.60	14.61	14.60	15.70
				Frequency (MHz)	630334	633332	636332	Tune-up limit (dBm)
10	PI/2 BPSK	1	1	Frequency (MHz)	3455.01	3499.98	3544.98	(dBm)
				Channel	14.60	14.62	14.62	15.70

【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)
					650000		
					3750		
100	PI/2 BPSK	1	1		14.77		15.70
100	PI/2 BPSK	1	137		14.91		15.70
100	PI/2 BPSK	1	271		14.97		15.70
100	PI/2 BPSK	135	0		14.81		15.70
100	PI/2 BPSK	135	69		14.83		15.70
100	PI/2 BPSK	135	138		14.90		15.70
100	PI/2 BPSK	270	0		14.83		15.70
100	QPSK	1	1		14.73		15.70
100	QPSK	1	137		14.87		15.70
100	QPSK	1	271		14.93		15.70
100	QPSK	135	0		14.82		15.70
100	QPSK	135	69		14.85		15.70
100	QPSK	135	138		14.92		15.70
100	QPSK	270	0		14.86		15.70
100	16QAM	1	1		14.96		15.70
100	64QAM	1	1		14.75		15.70
100	256QAM	1	1		15.08		15.70
				649668	650000	650332	Tune-up limit (dBm)
				Frequency (MHz)	3745.02	3750	3754.98
90	PI/2 BPSK	1	1	14.72	14.75	14.74	15.70
				649334	650000	650666	Tune-up limit (dBm)
				Frequency (MHz)	3740.01	3750	3759.99
80	PI/2 BPSK	1	1	14.65	14.61	14.66	15.70
				649000	650000	651000	Tune-up limit (dBm)
				Frequency (MHz)	3735	3750	3765
70	PI/2 BPSK	1	1	14.61	14.68	14.70	15.70
				648668	650000	651332	Tune-up limit (dBm)
				Frequency (MHz)	3730.02	3750	3769.98
60	PI/2 BPSK	1	1	14.60	14.66	14.70	15.70
				648334	650000	651666	Tune-up limit (dBm)
				Frequency (MHz)	3725.01	3750	3774.99
50	PI/2 BPSK	1	1	14.67	14.63	14.73	15.70
				648000	650000	652000	Tune-up limit (dBm)
				Frequency (MHz)	3720	3750	3780
40	PI/2 BPSK	1	1	14.61	14.68	14.63	15.70
				647668	650000	652332	Tune-up limit (dBm)
				Frequency (MHz)	3715.02	3750	3784.98
30	PI/2 BPSK	1	1	14.67	14.63	14.67	15.70
				647500	650000	652500	Tune-up limit (dBm)
				Frequency (MHz)	3712.5	3750	3787.5
25	PI/2 BPSK	1	1	14.67	14.69	14.65	15.70
				647334	650000	652666	Tune-up limit (dBm)
				Frequency (MHz)	3710.01	3750	3789.99
20	PI/2 BPSK	1	1	14.62	14.70	14.67	15.70
				647168	650000	652832	Tune-up limit (dBm)

Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	14.63	14.71	14.62	15.70
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	14.67	14.62	14.61	15.70

【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		18.16		18.40
100	PI/2 BPSK	1	137		18.15		18.40
100	PI/2 BPSK	1	271		18.14		18.40
100	PI/2 BPSK	135	0		18.12		18.40
100	PI/2 BPSK	135	69		18.15		18.40
100	PI/2 BPSK	135	138		18.14		18.40
100	PI/2 BPSK	270	0		18.13		18.40
100	QPSK	1	1		17.96		18.40
100	QPSK	1	137		18.11		18.40
100	QPSK	1	271		18.14		18.40
100	QPSK	135	0		18.11		18.40
100	QPSK	135	69		18.13		18.40
100	QPSK	135	138		18.19		18.40
100	QPSK	270	0		18.14		18.40
100	16QAM	1	1		18.26		18.40
100	64QAM	1	1		18.11		18.40
100	256QAM	1	1		18.39		18.40
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	18.11	18.07	18.12	18.40
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	17.96	18.02	18.02	18.40
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	17.99	17.95	18.01	18.40
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	18.04	18.03	18.08	18.40
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	17.97	18.02	18.07	18.40
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	18.05	17.95	17.98	18.40
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	18.07	17.94	18.02	18.40
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	18.09	17.96	17.97	18.40
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	17.98	18.02	18.08	18.40
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	18.01	17.97	18.09	18.40
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	17.97	18.04	18.09	18.40

【FR1 n78 (27O) _ FCC_Part 27O (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		18.20		18.40
100	PI/2 BPSK	1	137		18.22		18.40
100	PI/2 BPSK	1	271		18.19		18.40

100	PI/2 BPSK	135	0		18.19		18.40
100	PI/2 BPSK	135	69		18.12		18.40
100	PI/2 BPSK	135	138		18.18		18.40
100	PI/2 BPSK	270	0		18.15		18.40
100	QPSK	1	1		18.13		18.40
100	QPSK	1	137		18.16		18.40
100	QPSK	1	271		18.14		18.40
100	QPSK	135	0		18.21		18.40
100	QPSK	135	69		18.14		18.40
100	QPSK	135	138		18.19		18.40
100	QPSK	270	0		18.17		18.40
100	16QAM	1	1		18.38		18.40
100	64QAM	1	1		18.18		18.40
100	256QAM	1	1		18.40		18.40
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	18.15	18.04	18.16	18.40
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	18.04	17.94	18.13	18.40
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	18.05	17.97	18.04	18.40
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	18.04	18.00	18.13	18.40
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	18.03	17.98	18.14	18.40
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	18.12	17.95	18.10	18.40
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	18.07	17.95	18.06	18.40
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	18.06	17.99	18.02	18.40
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	18.12	17.94	18.05	18.40
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	18.08	17.98	18.07	18.40
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	18.08	17.98	18.02	18.40

【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		18.16		19.10
100	PI/2 BPSK	1	137		18.15		19.10
100	PI/2 BPSK	1	271		18.14		19.10
100	PI/2 BPSK	135	0		18.12		19.10
100	PI/2 BPSK	135	69		18.15		19.10
100	PI/2 BPSK	135	138		18.14		19.10
100	PI/2 BPSK	270	0		18.13		19.10
100	QPSK	1	1		17.96		19.10
100	QPSK	1	137		18.11		19.10
100	QPSK	1	271		18.14		19.10
100	QPSK	135	0		18.11		19.10
100	QPSK	135	69		18.13		19.10
100	QPSK	135	138		18.19		19.10
100	QPSK	270	0		18.14		19.10
100	16QAM	1	1		18.26		19.10
100	64QAM	1	1		18.11		19.10
100	256QAM	1	1		18.39		19.10
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	18.11	18.07	18.12	19.10
Channel				632668	633332	634000	Tune-up limit

		Frequency (MHz)			3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1		17.96	18.02	18.02	19.10
		Channel			632334	633332	634332	Tune-up limit
		Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1		17.99	17.95	18.01	19.10
		Channel			632000	633332	634666	Tune-up limit
		Frequency (MHz)			3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1		18.04	18.03	18.08	19.10
		Channel			631668	633332	635000	Tune-up limit
		Frequency (MHz)			3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1		17.97	18.02	18.07	19.10
		Channel			631334	633332	635332	Tune-up limit
		Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1		18.05	17.95	17.98	19.10
		Channel			631000	633332	635666	Tune-up limit
		Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1		18.07	17.94	18.02	19.10
		Channel			630834	633332	635832	Tune-up limit
		Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1		18.09	17.96	17.97	19.10
		Channel			630668	633332	636000	Tune-up limit
		Frequency (MHz)			3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1		17.98	18.02	18.08	19.10
		Channel			630500	633332	636166	Tune-up limit
		Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1		18.01	17.97	18.09	19.10
		Channel			630334	633332	636332	Tune-up limit
		Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1		17.97	18.04	18.09	19.10

【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		18.20		19.10
100	PI/2 BPSK	1	137		18.22		19.10
100	PI/2 BPSK	1	271		18.19		19.10
100	PI/2 BPSK	135	0		18.19		19.10
100	PI/2 BPSK	135	69		18.12		19.10
100	PI/2 BPSK	135	138		18.18		19.10
100	PI/2 BPSK	270	0		18.15		19.10
100	QPSK	1	1		18.13		19.10
100	QPSK	1	137		18.16		19.10
100	QPSK	1	271		18.14		19.10
100	QPSK	135	0		18.21		19.10
100	QPSK	135	69		18.14		19.10
100	QPSK	135	138		18.19		19.10
100	QPSK	270	0		18.17		19.10
100	16QAM	1	1		18.38		19.10
100	64QAM	1	1		18.18		19.10
100	256QAM	1	1		18.40		19.10
		Channel		649668	650000	650332	Tune-up limit
		Frequency (MHz)		3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	18.15	18.04	18.16	19.10
		Channel		649334	650000	650666	Tune-up limit
		Frequency (MHz)		3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	18.04	17.94	18.13	19.10
		Channel		649000	650000	651000	Tune-up limit
		Frequency (MHz)		3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	18.05	17.97	18.04	19.10
		Channel		648668	650000	651332	Tune-up limit
		Frequency (MHz)		3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	18.04	18.00	18.13	19.10
		Channel		648334	650000	651666	Tune-up limit
		Frequency (MHz)		3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	18.03	17.98	18.14	19.10
		Channel		648000	650000	652000	Tune-up limit
		Frequency (MHz)		3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	18.12	17.95	18.10	19.10
		Channel		647668	650000	652332	Tune-up limit
		Frequency (MHz)		3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	18.07	17.95	18.06	19.10
		Channel		647500	650000	652500	Tune-up limit

Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	18.06	17.99	18.02	19.10
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	18.12	17.94	18.05	19.10
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	18.08	17.98	18.07	19.10
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	18.08	17.98	18.02	19.10

【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		18.16		18.40
100	PI/2 BPSK	1	137		18.15		18.40
100	PI/2 BPSK	1	271		18.14		18.40
100	PI/2 BPSK	135	0		18.12		18.40
100	PI/2 BPSK	135	69		18.15		18.40
100	PI/2 BPSK	135	138		18.14		18.40
100	PI/2 BPSK	270	0		18.13		18.40
100	QPSK	1	1		17.96		18.40
100	QPSK	1	137		18.11		18.40
100	QPSK	1	271		18.14		18.40
100	QPSK	135	0		18.11		18.40
100	QPSK	135	69		18.13		18.40
100	QPSK	135	138		18.19		18.40
100	QPSK	270	0		18.14		18.40
100	16QAM	1	1		18.26		18.40
100	64QAM	1	1		18.11		18.40
100	256QAM	1	1		18.39		18.40
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	18.11	18.07	18.12	18.40
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	17.96	18.02	18.02	18.40
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	17.99	17.95	18.01	18.40
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	18.04	18.03	18.08	18.40
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	17.97	18.02	18.07	18.40
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	18.05	17.95	17.98	18.40
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	18.07	17.94	18.02	18.40
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	18.09	17.96	17.97	18.40
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	17.98	18.02	18.08	18.40
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	18.01	17.97	18.09	18.40
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	17.97	18.04	18.09	18.40

【FR1 n78 (27O) _FCC_Part 27O (3700~3800MHz)_Ant 5_ECI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low	Power Middle	Power High	Tune-up limit (dBm)
----------	------------	---------	-----------	-----------	--------------	------------	------------------------

				Ch. / Freq.	Ch. / Freq.	Ch. / Freq.	
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		18.20		18.40
100	PI/2 BPSK	1	137		18.22		18.40
100	PI/2 BPSK	1	271		18.19		18.40
100	PI/2 BPSK	135	0		18.19		18.40
100	PI/2 BPSK	135	69		18.12		18.40
100	PI/2 BPSK	135	138		18.18		18.40
100	PI/2 BPSK	270	0		18.15		18.40
100	QPSK	1	1		18.13		18.40
100	QPSK	1	137		18.16		18.40
100	QPSK	1	271		18.14		18.40
100	QPSK	135	0		18.21		18.40
100	QPSK	135	69		18.14		18.40
100	QPSK	135	138		18.19		18.40
100	QPSK	270	0		18.17		18.40
100	16QAM	1	1		18.38		18.40
100	64QAM	1	1		18.18		18.40
100	256QAM	1	1		18.40		18.40
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	18.15	18.04	18.16	18.40
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	18.04	17.94	18.13	18.40
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	18.05	17.97	18.04	18.40
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	18.04	18.00	18.13	18.40
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	18.03	17.98	18.14	18.40
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	18.12	17.95	18.10	18.40
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	18.07	17.95	18.06	18.40
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	18.06	17.99	18.02	18.40
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	18.12	17.94	18.05	18.40
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	18.08	17.98	18.07	18.40
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	18.08	17.98	18.02	18.40

【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		17.69		19.60
100	PI/2 BPSK	1	137		17.83		19.60
100	PI/2 BPSK	1	271		17.92		19.60
100	PI/2 BPSK	135	0		17.80		19.60
100	PI/2 BPSK	135	69		17.78		19.60
100	PI/2 BPSK	135	138		17.91		19.60
100	PI/2 BPSK	270	0		17.85		19.60
100	QPSK	1	1		17.66		19.60

100	QPSK	1	137		17.79		19.60
100	QPSK	1	271		17.91		19.60
100	QPSK	135	0		17.87		19.60
100	QPSK	135	69		17.87		19.60
100	QPSK	135	138		17.96		19.60
100	QPSK	270	0		17.86		19.60
100	16QAM	1	1		17.60		19.60
100	64QAM	1	1		18.03		19.60
100	256QAM	1	1		17.86		19.60
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	17.68	17.68	17.69	19.60
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	17.60	17.60	17.66	19.60
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	17.61	17.61	17.60	19.60
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	17.65	17.61	17.60	19.60
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	17.64	17.60	17.60	19.60
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	17.61	17.60	17.62	19.60
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	17.65	17.60	17.61	19.60
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	17.61	17.60	17.65	19.60
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	17.64	17.60	17.61	19.60
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	17.62	17.66	17.61	19.60
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	17.63	17.60	17.62	19.60

【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		17.91		19.60
100	PI/2 BPSK	1	137		18.00		19.60
100	PI/2 BPSK	1	271		17.98		19.60
100	PI/2 BPSK	135	0		17.90		19.60
100	PI/2 BPSK	135	69		17.85		19.60
100	PI/2 BPSK	135	138		17.90		19.60
100	PI/2 BPSK	270	0		17.94		19.60
100	QPSK	1	1		17.84		19.60
100	QPSK	1	137		17.94		19.60
100	QPSK	1	271		17.91		19.60
100	QPSK	135	0		17.96		19.60
100	QPSK	135	69		17.96		19.60
100	QPSK	135	138		17.97		19.60
100	QPSK	270	0		17.97		19.60
100	16QAM	1	1		17.61		19.60
100	64QAM	1	1		18.16		19.60
100	256QAM	1	1		18.00		19.60
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	17.86	17.88	17.87	19.60
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	17.84	17.86	17.73	19.60
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	17.79	17.86	17.86	19.60

Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	17.82	17.86	17.78	19.60
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	17.84	17.77	17.73	19.60
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	17.82	17.82	17.80	19.60
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	17.75	17.75	17.82	19.60
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	17.72	17.75	17.84	19.60
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	17.76	17.80	17.80	19.60
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	17.82	17.73	17.74	19.60
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	17.74	17.86	17.80	19.60

【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		17.69		18.70
100	PI/2 BPSK	1	137		17.83		18.70
100	PI/2 BPSK	1	271		17.92		18.70
100	PI/2 BPSK	135	0		17.80		18.70
100	PI/2 BPSK	135	69		17.78		18.70
100	PI/2 BPSK	135	138		17.91		18.70
100	PI/2 BPSK	270	0		17.85		18.70
100	QPSK	1	1		17.66		18.70
100	QPSK	1	137		17.79		18.70
100	QPSK	1	271		17.91		18.70
100	QPSK	135	0		17.87		18.70
100	QPSK	135	69		17.87		18.70
100	QPSK	135	138		17.96		18.70
100	QPSK	270	0		17.86		18.70
100	16QAM	1	1		17.60		18.70
100	64QAM	1	1		18.03		18.70
100	256QAM	1	1		17.86		18.70
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	17.68	17.68	17.69	18.70
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	17.60	17.60	17.66	18.70
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	17.61	17.61	17.60	18.70
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	17.65	17.61	17.60	18.70
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	17.64	17.60	17.60	18.70
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	17.61	17.60	17.62	18.70
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	17.65	17.60	17.61	18.70
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	17.61	17.60	17.65	18.70
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	17.64	17.60	17.61	18.70

Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	17.62	17.66	17.61	18.70
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	17.63	17.60	17.62	18.70

【FR1 n78 (270) _FCC_Part 270 (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		17.91		18.70
100	PI/2 BPSK	1	137		18.00		18.70
100	PI/2 BPSK	1	271		17.98		18.70
100	PI/2 BPSK	135	0		17.90		18.70
100	PI/2 BPSK	135	69		17.85		18.70
100	PI/2 BPSK	135	138		17.90		18.70
100	PI/2 BPSK	270	0		17.94		18.70
100	QPSK	1	1		17.84		18.70
100	QPSK	1	137		17.94		18.70
100	QPSK	1	271		17.91		18.70
100	QPSK	135	0		17.96		18.70
100	QPSK	135	69		17.96		18.70
100	QPSK	135	138		17.97		18.70
100	QPSK	270	0		17.97		18.70
100	16QAM	1	1		17.61		18.70
100	64QAM	1	1		18.16		18.70
100	256QAM	1	1		18.00		18.70
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	17.86	17.88	17.87	18.70
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	17.84	17.86	17.73	18.70
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	17.79	17.86	17.86	18.70
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	17.82	17.86	17.78	18.70
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	17.84	17.77	17.73	18.70
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	17.82	17.82	17.80	18.70
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	17.75	17.75	17.82	18.70
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	17.72	17.75	17.84	18.70
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	17.76	17.80	17.80	18.70
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	17.82	17.73	17.74	18.70
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	17.74	17.86	17.80	18.70

【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		21.14		21.40
100	PI/2 BPSK	1	137		21.25		21.40

100	PI/2 BPSK	1	271		21.38		21.40
100	PI/2 BPSK	135	0		21.20		21.40
100	PI/2 BPSK	135	69		21.17		21.40
100	PI/2 BPSK	135	138		21.31		21.40
100	PI/2 BPSK	270	0		21.25		21.40
100	QPSK	1	1		21.11		21.40
100	QPSK	1	137		21.25		21.40
100	QPSK	1	271		21.37		21.40
100	QPSK	135	0		21.27		21.40
100	QPSK	135	69		21.29		21.40
100	QPSK	135	138		21.40		21.40
100	QPSK	270	0		21.29		21.40
100	16QAM	1	1		20.81		21.40
100	64QAM	1	1		21.40		21.40
100	256QAM	1	1		20.80		21.40
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	21.16	21.19	21.20	21.40
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	21.07	21.07	21.14	21.40
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	21.04	21.12	21.14	21.40
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	21.10	21.13	21.07	21.40
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	21.10	21.11	21.08	21.40
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	21.09	21.05	21.10	21.40
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	21.12	21.11	21.07	21.40
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	21.13	21.10	21.12	21.40
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	21.05	21.15	21.16	21.40
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	21.14	21.06	21.07	21.40
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	21.03	21.17	21.05	21.40

【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		21.31		21.40
100	PI/2 BPSK	1	137		21.38		21.40
100	PI/2 BPSK	1	271		21.35		21.40
100	PI/2 BPSK	135	0		21.27		21.40
100	PI/2 BPSK	135	69		21.23		21.40
100	PI/2 BPSK	135	138		21.30		21.40
100	PI/2 BPSK	270	0		21.32		21.40
100	QPSK	1	1		21.26		21.40
100	QPSK	1	137		21.32		21.40
100	QPSK	1	271		21.29		21.40
100	QPSK	135	0		21.34		21.40
100	QPSK	135	69		21.32		21.40
100	QPSK	135	138		21.33		21.40
100	QPSK	270	0		21.35		21.40
100	16QAM	1	1		20.97		21.40
100	64QAM	1	1		21.40		21.40
100	256QAM	1	1		20.89		21.40
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	21.31	21.34	21.33	21.40

Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	21.20	21.19	21.27	21.40
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	21.27	21.31	21.30	21.40
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	21.19	21.20	21.20	21.40
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	21.29	21.33	21.19	21.40
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	21.18	21.24	21.29	21.40
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	21.28	21.21	21.29	21.40
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	21.24	21.32	21.26	21.40
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	21.16	21.19	21.27	21.40
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	21.18	21.24	21.29	21.40
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	21.27	21.27	21.30	21.40

【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		21.14		22.10
100	PI/2 BPSK	1	137		21.25		22.10
100	PI/2 BPSK	1	271		21.38		22.10
100	PI/2 BPSK	135	0		21.20		22.10
100	PI/2 BPSK	135	69		21.17		22.10
100	PI/2 BPSK	135	138		21.31		22.10
100	PI/2 BPSK	270	0		21.25		22.10
100	QPSK	1	1		21.11		22.10
100	QPSK	1	137		21.25		22.10
100	QPSK	1	271		21.37		22.10
100	QPSK	135	0		21.27		22.10
100	QPSK	135	69		21.29		22.10
100	QPSK	135	138		21.40		22.10
100	QPSK	270	0		21.29		22.10
100	16QAM	1	1		20.81		22.10
100	64QAM	1	1		21.40		22.10
100	256QAM	1	1		20.80		21.80
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	21.16	21.19	21.20	22.10
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	21.07	21.07	21.14	22.10
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	21.04	21.12	21.14	22.10
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	21.10	21.13	21.07	22.10
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	21.10	21.11	21.08	22.10
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	21.09	21.05	21.10	22.10
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	21.12	21.11	21.07	22.10

Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	21.13	21.10	21.12	22.10
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	21.05	21.15	21.16	22.10
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	21.14	21.06	21.07	22.10
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	21.03	21.17	21.05	22.10

【FR1 n78 (27O) _FCC_Part 27O (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		21.31		22.10
100	PI/2 BPSK	1	137		21.38		22.10
100	PI/2 BPSK	1	271		21.35		22.10
100	PI/2 BPSK	135	0		21.27		22.10
100	PI/2 BPSK	135	69		21.23		22.10
100	PI/2 BPSK	135	138		21.30		22.10
100	PI/2 BPSK	270	0		21.32		22.10
100	QPSK	1	1		21.26		22.10
100	QPSK	1	137		21.32		22.10
100	QPSK	1	271		21.29		22.10
100	QPSK	135	0		21.34		22.10
100	QPSK	135	69		21.32		22.10
100	QPSK	135	138		21.33		22.10
100	QPSK	270	0		21.35		22.10
100	16QAM	1	1		20.97		22.10
100	64QAM	1	1		21.40		22.10
100	256QAM	1	1		20.89		21.80
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	21.31	21.34	21.33	22.10
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	21.20	21.19	21.27	22.10
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	21.27	21.31	21.30	22.10
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	21.19	21.20	21.20	22.10
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	21.29	21.33	21.19	22.10
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	21.18	21.24	21.29	22.10
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	21.28	21.21	21.29	22.10
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	21.24	21.32	21.26	22.10
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	21.16	21.19	21.27	22.10
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	21.18	21.24	21.29	22.10
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	21.27	21.27	21.30	22.10

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

BW [MHz]	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit
----------	------------	---------	-----------	-------	-------	-------	---------------

				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.	(dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.14		21.40
100	PI/2 BPSK	1	137		21.25		21.40
100	PI/2 BPSK	1	271		21.38		21.40
100	PI/2 BPSK	135	0		21.20		21.40
100	PI/2 BPSK	135	69		21.17		21.40
100	PI/2 BPSK	135	138		21.31		21.40
100	PI/2 BPSK	270	0		21.25		21.40
100	QPSK	1	1		21.11		21.40
100	QPSK	1	137		21.25		21.40
100	QPSK	1	271		21.37		21.40
100	QPSK	135	0		21.27		21.40
100	QPSK	135	69		21.29		21.40
100	QPSK	135	138		21.40		21.40
100	QPSK	270	0		21.29		21.40
100	16QAM	1	1		20.81		21.40
100	64QAM	1	1		21.40		21.40
100	256QAM	1	1		20.80		21.40
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	21.16	21.19	21.20	21.40
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	21.07	21.07	21.14	21.40
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	21.04	21.12	21.14	21.40
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	21.10	21.13	21.07	21.40
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	21.10	21.11	21.08	21.40
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	21.09	21.05	21.10	21.40
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	21.12	21.11	21.07	21.40
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	21.13	21.10	21.12	21.40
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	21.05	21.15	21.16	21.40
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	21.14	21.06	21.07	21.40
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	21.03	21.17	21.05	21.40

【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		21.31		21.40
100	PI/2 BPSK	1	137		21.38		21.40
100	PI/2 BPSK	1	271		21.35		21.40
100	PI/2 BPSK	135	0		21.27		21.40
100	PI/2 BPSK	135	69		21.23		21.40
100	PI/2 BPSK	135	138		21.30		21.40
100	PI/2 BPSK	270	0		21.32		21.40
100	QPSK	1	1		21.26		21.40
100	QPSK	1	137		21.32		21.40
100	QPSK	1	271		21.29		21.40
100	QPSK	135	0		21.34		21.40
100	QPSK	135	69		21.32		21.40
100	QPSK	135	138		21.33		21.40
100	QPSK	270	0		21.35		21.40

100	16QAM	1	1		20.97		21.40
100	64QAM	1	1		21.40		21.40
100	256QAM	1	1		20.89		21.40
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	21.31	21.34	21.33	21.40
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	21.20	21.19	21.27	21.40
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	21.27	21.31	21.30	21.40
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	21.19	21.20	21.20	21.40
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	21.29	21.33	21.19	21.40
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	21.18	21.24	21.29	21.40
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	21.28	21.21	21.29	21.40
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	21.24	21.32	21.26	21.40
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	21.16	21.19	21.27	21.40
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	21.18	21.24	21.29	21.40
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	21.27	21.27	21.30	21.40

【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		24.14		24.60
100	PI/2 BPSK	1	137		24.29		24.60
100	PI/2 BPSK	1	271		24.08		24.60
100	PI/2 BPSK	135	0		23.61		23.90
100	PI/2 BPSK	135	69		24.08		24.60
100	PI/2 BPSK	135	138		23.56		23.90
100	PI/2 BPSK	270	0		23.62		23.90
100	QPSK	1	1		24.15		24.60
100	QPSK	1	137		24.28		24.60
100	QPSK	1	271		24.08		24.60
100	QPSK	135	0		23.12		24.10
100	QPSK	135	69		24.13		24.60
100	QPSK	135	138		23.06		24.10
100	QPSK	270	0		23.10		24.10
100	16QAM	1	1		23.29		24.10
100	64QAM	1	1		21.44		22.60
100	256QAM	1	1		19.38		20.60
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	24.09	24.11	24.06	24.60
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	24.03	23.99	23.92	24.60
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)

70	PI/2 BPSK	1	1	24.03	23.99	24.01	24.60
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	23.98	24.10	23.94	24.60
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	23.99	24.05	23.94	24.60
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	24.04	24.04	24.04	24.60
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	23.97	23.96	23.92	24.60
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	24.03	24.00	23.92	24.60
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	23.96	24.07	23.99	24.60
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	23.99	23.98	23.93	24.60
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	24.05	24.06	23.97	24.60

【FR1 n78 (270) _FCC_Part 270 (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		24.09		24.60
100	PI/2 BPSK	1	137		24.26		24.60
100	PI/2 BPSK	1	271		24.24		24.60
100	PI/2 BPSK	135	0		23.58		23.90
100	PI/2 BPSK	135	69		24.07		24.60
100	PI/2 BPSK	135	138		23.61		23.90
100	PI/2 BPSK	270	0		23.58		23.90
100	QPSK	1	1		24.08		24.60
100	QPSK	1	137		24.26		24.60
100	QPSK	1	271		24.26		24.60
100	QPSK	135	0		23.11		24.10
100	QPSK	135	69		24.12		24.60
100	QPSK	135	138		23.15		24.10
100	QPSK	270	0		23.12		24.10
100	16QAM	1	1		23.22		24.10
100	64QAM	1	1		21.37		22.60
100	256QAM	1	1		19.32		20.60
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	24.08	24.16	24.03	24.60
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	24.00	24.01	23.99	24.60
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	23.95	24.02	23.99	24.60
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	23.98	24.02	23.97	24.60
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	23.98	24.04	23.93	24.60
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	23.97	24.07	24.00	24.60
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	23.98	24.01	23.91	24.60
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	23.94	24.12	23.88	24.60
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)

20	PI/2 BPSK	1	1	23.97	24.02	23.93	24.60
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	23.97	24.09	23.93	24.60
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	24.00	24.10	23.98	24.60

【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		20.78		22.00
100	PI/2 BPSK	1	137		20.76		22.00
100	PI/2 BPSK	1	271		20.69		22.00
100	PI/2 BPSK	135	0		20.54		22.00
100	PI/2 BPSK	135	69		20.64		22.00
100	PI/2 BPSK	135	138		20.74		22.00
100	PI/2 BPSK	270	0		20.52		22.00
100	QPSK	1	1		20.58		22.00
100	QPSK	1	137		20.82		22.00
100	QPSK	1	271		20.64		22.00
100	QPSK	135	0		20.61		22.00
100	QPSK	135	69		20.63		22.00
100	QPSK	135	138		20.80		22.00
100	QPSK	270	0		20.61		22.00
100	16QAM	1	1		20.93		22.00
100	64QAM	1	1		20.82		22.00
100	256QAM	1	1		19.53		20.60
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	20.74	20.77	20.68	22.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	20.76	20.65	20.62	22.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	20.78	20.75	20.62	22.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	20.83	20.89	20.70	22.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	20.68	20.70	20.59	22.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	20.76	20.69	20.69	22.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	20.62	20.77	20.76	22.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	20.77	20.81	20.66	22.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	20.65	20.78	20.83	22.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	20.70	20.81	20.55	22.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	20.67	20.74	20.76	22.00

【FR1 n78 (27Q) _FCC_Part 27Q (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		20.86		22.00

100	PI/2 BPSK	1	137		20.85		22.00
100	PI/2 BPSK	1	271		20.51		22.00
100	PI/2 BPSK	135	0		20.54		22.00
100	PI/2 BPSK	135	69		20.69		22.00
100	PI/2 BPSK	135	138		20.78		22.00
100	PI/2 BPSK	270	0		20.62		22.00
100	QPSK	1	1		20.59		22.00
100	QPSK	1	137		20.77		22.00
100	QPSK	1	271		20.78		22.00
100	QPSK	135	0		20.74		22.00
100	QPSK	135	69		20.75		22.00
100	QPSK	135	138		20.70		22.00
100	QPSK	270	0		20.78		22.00
100	16QAM	1	1		20.86		22.00
100	64QAM	1	1		20.88		22.00
100	256QAM	1	1		19.46		20.60
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	20.72	20.75	20.82	22.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	20.74	20.71	20.76	22.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	20.65	20.74	20.60	22.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	20.82	20.75	20.79	22.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	20.61	20.59	20.56	22.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	20.67	20.80	20.85	22.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	20.60	20.72	20.69	22.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	20.78	20.67	20.59	22.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	20.66	20.82	20.79	22.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	20.55	20.70	20.67	22.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	20.55	20.74	20.77	22.00

【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		16.05		16.60
100	PI/2 BPSK	1	137		16.20		16.60
100	PI/2 BPSK	1	271		16.00		16.60
100	PI/2 BPSK	135	0		16.11		16.60
100	PI/2 BPSK	135	69		16.12		16.60
100	PI/2 BPSK	135	138		15.99		16.60
100	PI/2 BPSK	270	0		16.06		16.60
100	QPSK	1	1		16.07		16.60
100	QPSK	1	137		16.21		16.60
100	QPSK	1	271		15.99		16.60
100	QPSK	135	0		16.14		16.60
100	QPSK	135	69		16.21		16.60
100	QPSK	135	138		16.04		16.60
100	QPSK	270	0		16.08		16.60
100	16QAM	1	1		16.21		16.60
100	64QAM	1	1		15.97		16.60
100	256QAM	1	1		15.94		16.60
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)

90	PI/2 BPSK	1	1	16.05	16.05	16.05	16.60
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	16.03	15.96	15.96	16.60
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	15.92	16.08	15.93	16.60
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	15.94	16.00	16.00	16.60
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	15.96	16.05	15.95	16.60
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	15.91	16.04	16.04	16.60
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	15.98	16.08	16.04	16.60
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	15.97	15.96	16.02	16.60
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	16.03	16.04	16.03	16.60
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	15.91	15.96	16.01	16.60
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	15.94	16.06	15.95	16.60

【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		16.00		16.60
100	PI/2 BPSK	1	137		16.19		16.60
100	PI/2 BPSK	1	271		16.15		16.60
100	PI/2 BPSK	135	0		16.10		16.60
100	PI/2 BPSK	135	69		16.04		16.60
100	PI/2 BPSK	135	138		16.09		16.60
100	PI/2 BPSK	270	0		16.07		16.60
100	QPSK	1	1		15.98		16.60
100	QPSK	1	137		16.20		16.60
100	QPSK	1	271		16.16		16.60
100	QPSK	135	0		16.13		16.60
100	QPSK	135	69		16.12		16.60
100	QPSK	135	138		16.12		16.60
100	QPSK	270	0		16.09		16.60
100	16QAM	1	1		16.12		16.60
100	64QAM	1	1		15.98		16.60
100	256QAM	1	1		15.97		16.60
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	16.06	16.11	16.03	16.60
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	15.97	15.98	16.01	16.60
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	15.93	16.09	15.97	16.60
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	16.05	15.98	15.90	16.60
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	15.95	16.07	15.94	16.60
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	15.97	16.00	15.93	16.60
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)

30	PI/2 BPSK	1	1	15.97	16.08	15.94	16.60
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	15.91	16.09	16.01	16.60
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	15.95	16.09	15.99	16.60
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	16.01	16.00	15.91	16.60
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	15.98	16.06	15.93	16.60

【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		16.05		17.90
100	PI/2 BPSK	1	137		16.20		17.90
100	PI/2 BPSK	1	271		16.00		17.90
100	PI/2 BPSK	135	0		16.11		17.90
100	PI/2 BPSK	135	69		16.12		17.90
100	PI/2 BPSK	135	138		15.99		17.90
100	PI/2 BPSK	270	0		16.06		17.90
100	QPSK	1	1		16.07		17.90
100	QPSK	1	137		16.21		17.90
100	QPSK	1	271		15.99		17.90
100	QPSK	135	0		16.14		17.90
100	QPSK	135	69		16.21		17.90
100	QPSK	135	138		16.04		17.90
100	QPSK	270	0		16.08		17.90
100	16QAM	1	1		16.21		17.90
100	64QAM	1	1		15.97		17.90
100	256QAM	1	1		15.94		17.90
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	16.05	16.05	16.05	17.90
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	16.03	15.96	15.96	17.90
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	15.92	16.08	15.93	17.90
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	15.94	16.00	16.00	17.90
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	15.96	16.05	15.95	17.90
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	15.91	16.04	16.04	17.90
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	15.98	16.08	16.04	17.90
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	15.97	15.96	16.02	17.90
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	16.03	16.04	16.03	17.90
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	15.91	15.96	16.01	17.90
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	15.94	16.06	15.95	17.90

【FR1 n78 (27O) FCC_Part 27O (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		16.00		17.90
100	PI/2 BPSK	1	137		16.19		17.90
100	PI/2 BPSK	1	271		16.15		17.90
100	PI/2 BPSK	135	0		16.10		17.90
100	PI/2 BPSK	135	69		16.04		17.90
100	PI/2 BPSK	135	138		16.09		17.90
100	PI/2 BPSK	270	0		16.07		17.90
100	QPSK	1	1		15.98		17.90
100	QPSK	1	137		16.20		17.90
100	QPSK	1	271		16.16		17.90
100	QPSK	135	0		16.13		17.90
100	QPSK	135	69		16.12		17.90
100	QPSK	135	138		16.12		17.90
100	QPSK	270	0		16.09		17.90
100	16QAM	1	1		16.12		17.90
100	64QAM	1	1		15.98		17.90
100	256QAM	1	1		15.97		17.90
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	16.06	16.11	16.03	17.90
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	15.97	15.98	16.01	17.90
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	15.93	16.09	15.97	17.90
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	16.05	15.98	15.90	17.90
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	15.95	16.07	15.94	17.90
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	15.97	16.00	15.93	17.90
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	15.97	16.08	15.94	17.90
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	15.91	16.09	16.01	17.90
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	15.95	16.09	15.99	17.90
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	16.01	16.00	15.91	17.90
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	15.98	16.06	15.93	17.90

【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		16.05		16.60
100	PI/2 BPSK	1	137		16.20		16.60
100	PI/2 BPSK	1	271		16.00		16.60
100	PI/2 BPSK	135	0		16.11		16.60
100	PI/2 BPSK	135	69		16.12		16.60
100	PI/2 BPSK	135	138		15.99		16.60
100	PI/2 BPSK	270	0		16.06		16.60
100	QPSK	1	1		16.07		16.60
100	QPSK	1	137		16.21		16.60
100	QPSK	1	271		15.99		16.60
100	QPSK	135	0		16.14		16.60
100	QPSK	135	69		16.21		16.60
100	QPSK	135	138		16.04		16.60

100	QPSK	270	0		16.08		16.60
100	16QAM	1	1		16.21		16.60
100	64QAM	1	1		15.97		16.60
100	256QAM	1	1		15.94		16.60
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	16.05	16.05	16.05	16.60
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	16.03	15.96	15.96	16.60
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	15.92	16.08	15.93	16.60
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	15.94	16.00	16.00	16.60
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	15.96	16.05	15.95	16.60
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	15.91	16.04	16.04	16.60
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	15.98	16.08	16.04	16.60
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	15.97	15.96	16.02	16.60
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	16.03	16.04	16.03	16.60
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	15.91	15.96	16.01	16.60
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	15.94	16.06	15.95	16.60

【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		16.00		16.60
100	PI/2 BPSK	1	137		16.19		16.60
100	PI/2 BPSK	1	271		16.15		16.60
100	PI/2 BPSK	135	0		16.10		16.60
100	PI/2 BPSK	135	69		16.04		16.60
100	PI/2 BPSK	135	138		16.09		16.60
100	PI/2 BPSK	270	0		16.07		16.60
100	QPSK	1	1		15.98		16.60
100	QPSK	1	137		16.20		16.60
100	QPSK	1	271		16.16		16.60
100	QPSK	135	0		16.13		16.60
100	QPSK	135	69		16.12		16.60
100	QPSK	135	138		16.12		16.60
100	QPSK	270	0		16.09		16.60
100	16QAM	1	1		16.12		16.60
100	64QAM	1	1		15.98		16.60
100	256QAM	1	1		15.97		16.60
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	16.06	16.11	16.03	16.60
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	15.97	15.98	16.01	16.60
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	15.93	16.09	15.97	16.60
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	16.05	15.98	15.90	16.60
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)

50	PI/2 BPSK	1	1	15.95	16.07	15.94	16.60
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	15.97	16.00	15.93	16.60
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	15.97	16.08	15.94	16.60
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	15.91	16.09	16.01	16.60
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	15.95	16.09	15.99	16.60
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	16.01	16.00	15.91	16.60
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	15.98	16.06	15.93	16.60

【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		26.25		27.10
100	PI/2 BPSK	1	137		26.42		27.10
100	PI/2 BPSK	1	271		26.42		27.10
100	PI/2 BPSK	135	0		24.83		25.60
100	PI/2 BPSK	135	69		26.33		27.10
100	PI/2 BPSK	135	138		24.90		25.60
100	PI/2 BPSK	270	0		24.83		25.60
100	QPSK	1	1		26.28		27.10
100	QPSK	1	137		26.45		27.10
100	QPSK	1	271		26.45		27.10
100	QPSK	135	0		24.37		25.10
100	QPSK	135	69		26.40		27.10
100	QPSK	135	138		24.43		25.10
100	QPSK	270	0		24.34		25.10
100	16QAM	1	1		25.22		26.10
100	64QAM	1	1		23.79		24.60
100	256QAM	1	1		21.96		22.60
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	26.23	26.22	26.23	27.10
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	26.08	26.14	26.15	27.10
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	26.16	26.09	26.18	27.10
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	26.15	26.17	26.10	27.10
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	26.12	26.11	26.13	27.10
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	26.20	26.18	26.21	27.10
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	26.11	26.11	26.20	27.10
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	26.14	26.11	26.10	27.10
Channel				630668	633332	636000	Tune-up limit