

Frequency (MHz)				1860	1882.5	1905	(dBm)
20	PI/2 BPSK	1	1	17.75	17.75	17.71	19.00
Channel				371500	376500	381500	Tune-up limit
Frequency (MHz)				1857.5	1882.5	1907.5	(dBm)
15	PI/2 BPSK	1	1	17.70	17.75	17.64	19.00
Channel				371000	376500	382000	Tune-up limit
Frequency (MHz)				1855	1882.5	1910	(dBm)
10	PI/2 BPSK	1	1	17.77	17.75	17.63	19.00
Channel				370500	376500	382500	Tune-up limit
Frequency (MHz)				1852.5	1882.5	1912.5	(dBm)
5	PI/2 BPSK	1	1	17.65	17.74	17.62	19.00

【FR1 n25_Ant 1_Sensor off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				373000	376500	380000	
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	23.33	23.38	23.30	24.00
30	PI/2 BPSK	1	80	23.17	23.31	23.20	24.00
30	PI/2 BPSK	1	158	23.14	23.26	23.08	24.00
30	PI/2 BPSK	80	0	22.70	22.77	22.58	23.50
30	PI/2 BPSK	80	40	23.28	23.35	23.16	24.00
30	PI/2 BPSK	80	80	22.54	22.73	22.56	23.50
30	PI/2 BPSK	160	0	22.58	22.74	22.65	23.50
30	QPSK	1	1	23.21	23.31	23.10	24.00
30	QPSK	1	80	23.17	23.26	23.11	24.00
30	QPSK	1	158	23.12	23.29	23.13	24.00
30	QPSK	80	0	22.16	22.35	22.15	23.00
30	QPSK	80	40	23.16	23.27	23.09	24.00
30	QPSK	80	80	22.26	22.36	22.27	23.00
30	QPSK	160	0	22.20	22.31	22.10	23.00
30	16QAM	1	1	22.31	22.38	22.26	23.00
30	64QAM	1	1	20.69	20.79	20.69	21.50
30	256QAM	1	1	18.65	18.82	18.65	19.50
Channel				372500	376500	380500	Tune-up limit
Frequency (MHz)				1862.5	1882.5	1902.5	(dBm)
25	PI/2 BPSK	1	1	23.23	23.30	23.29	24.00
Channel				372000	376500	381000	Tune-up limit
Frequency (MHz)				1860	1882.5	1905	(dBm)
20	PI/2 BPSK	1	1	23.20	23.34	23.18	24.00
Channel				371500	376500	381500	Tune-up limit
Frequency (MHz)				1857.5	1882.5	1907.5	(dBm)
15	PI/2 BPSK	1	1	23.27	23.23	23.22	24.00
Channel				371000	376500	382000	Tune-up limit
Frequency (MHz)				1855	1882.5	1910	(dBm)
10	PI/2 BPSK	1	1	23.22	23.31	23.26	24.00
Channel				370500	376500	382500	Tune-up limit
Frequency (MHz)				1852.5	1882.5	1912.5	(dBm)
5	PI/2 BPSK	1	1	23.32	23.35	23.21	24.00

【FR1 n25_Ant 1_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				373000	376500	380000	
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	23.33	23.38	23.30	24.00
30	PI/2 BPSK	1	80	23.17	23.31	23.20	24.00
30	PI/2 BPSK	1	158	23.14	23.26	23.08	24.00
30	PI/2 BPSK	80	0	22.70	22.77	22.58	23.50
30	PI/2 BPSK	80	40	23.28	23.35	23.16	24.00
30	PI/2 BPSK	80	80	22.54	22.73	22.56	23.50
30	PI/2 BPSK	160	0	22.58	22.74	22.65	23.50
30	QPSK	1	1	23.21	23.31	23.10	24.00
30	QPSK	1	80	23.17	23.26	23.11	24.00
30	QPSK	1	158	23.12	23.29	23.13	24.00
30	QPSK	80	0	22.16	22.35	22.15	23.00
30	QPSK	80	40	23.16	23.27	23.09	24.00
30	QPSK	80	80	22.26	22.36	22.27	23.00
30	QPSK	160	0	22.20	22.31	22.10	23.00

30	16QAM	1	1	22.31	22.38	22.26	23.00
30	64QAM	1	1	20.69	20.79	20.69	21.50
30	256QAM	1	1	18.65	18.82	18.65	19.50
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	23.23	23.30	23.29	24.00
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	23.20	23.34	23.18	24.00
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	23.27	23.23	23.22	24.00
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	23.22	23.31	23.26	24.00
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	23.32	23.35	23.21	24.00

【FR1 n25_Ant 1_Sensor on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				373000	376500	380000	
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	22.21	22.34	22.28	23.00
30	PI/2 BPSK	1	80	22.02	22.26	22.12	23.00
30	PI/2 BPSK	1	158	21.97	22.21	22.10	23.00
30	PI/2 BPSK	80	0	22.11	22.25	22.15	23.00
30	PI/2 BPSK	80	40	22.07	22.30	22.13	23.00
30	PI/2 BPSK	80	80	22.10	22.24	22.17	23.00
30	PI/2 BPSK	160	0	22.11	22.29	22.17	23.00
30	QPSK	1	1	22.05	22.28	22.17	23.00
30	QPSK	1	80	22.08	22.22	22.06	23.00
30	QPSK	1	158	22.03	22.23	22.10	23.00
30	QPSK	80	0	22.03	22.21	22.12	23.00
30	QPSK	80	40	22.05	22.25	22.14	23.00
30	QPSK	80	80	22.02	22.21	22.07	23.00
30	QPSK	160	0	22.06	22.26	22.16	23.00
30	16QAM	1	1	22.05	22.24	22.15	23.00
30	64QAM	1	1	20.64	20.86	20.68	21.50
30	256QAM	1	1	18.59	18.82	18.76	19.50
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	22.29	22.27	22.28	23.00
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	22.30	22.28	22.25	23.00
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	22.19	22.30	22.31	23.00
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	22.20	22.25	22.32	23.00
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	22.26	22.29	22.23	23.00

【FR1 n25_Ant 1_Hotspot on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				373000	376500	380000	
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	22.21	22.34	22.28	23.00
30	PI/2 BPSK	1	80	22.02	22.26	22.12	23.00
30	PI/2 BPSK	1	158	21.97	22.21	22.10	23.00
30	PI/2 BPSK	80	0	22.11	22.25	22.15	23.00
30	PI/2 BPSK	80	40	22.07	22.30	22.13	23.00
30	PI/2 BPSK	80	80	22.10	22.24	22.17	23.00
30	PI/2 BPSK	160	0	22.11	22.29	22.17	23.00

30	QPSK	1	1	22.05	22.28	22.17	23.00
30	QPSK	1	80	22.08	22.22	22.06	23.00
30	QPSK	1	158	22.03	22.23	22.10	23.00
30	QPSK	80	0	22.03	22.21	22.12	23.00
30	QPSK	80	40	22.05	22.25	22.14	23.00
30	QPSK	80	80	22.02	22.21	22.07	23.00
30	QPSK	160	0	22.06	22.26	22.16	23.00
30	16QAM	1	1	22.05	22.24	22.15	23.00
30	64QAM	1	1	20.64	20.86	20.68	21.50
30	256QAM	1	1	18.59	18.82	18.76	19.50
Channel				372500	376500	380500	Tune-up limit
Frequency (MHz)				1862.5	1882.5	1902.5	(dBm)
25	PI/2 BPSK	1	1	22.29	22.27	22.28	23.00
Channel				372000	376500	381000	Tune-up limit
Frequency (MHz)				1860	1882.5	1905	(dBm)
20	PI/2 BPSK	1	1	22.30	22.28	22.25	23.00
Channel				371500	376500	381500	Tune-up limit
Frequency (MHz)				1857.5	1882.5	1907.5	(dBm)
15	PI/2 BPSK	1	1	22.19	22.30	22.31	23.00
Channel				371000	376500	382000	Tune-up limit
Frequency (MHz)				1855	1882.5	1910	(dBm)
10	PI/2 BPSK	1	1	22.20	22.25	22.32	23.00
Channel				370500	376500	382500	Tune-up limit
Frequency (MHz)				1852.5	1882.5	1912.5	(dBm)
5	PI/2 BPSK	1	1	22.26	22.29	22.23	23.00

【FR1 n25_Ant 4_Sensor off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				373000	376500	380000	
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	23.24	23.31	23.28	24.00
30	PI/2 BPSK	1	80	23.09	23.24	23.11	24.00
30	PI/2 BPSK	1	158	23.12	23.29	23.16	24.00
30	PI/2 BPSK	80	0	23.07	23.25	23.17	24.00
30	PI/2 BPSK	80	40	23.07	23.28	23.14	24.00
30	PI/2 BPSK	80	80	23.11	23.22	23.12	24.00
30	PI/2 BPSK	160	0	23.02	23.24	23.10	24.00
30	QPSK	1	1	23.02	23.21	23.07	24.00
30	QPSK	1	80	23.17	23.29	23.14	24.00
30	QPSK	1	158	23.16	23.26	23.10	24.00
30	QPSK	80	0	23.05	23.22	23.07	24.00
30	QPSK	80	40	22.99	23.19	23.14	24.00
30	QPSK	80	80	23.01	23.15	23.00	24.00
30	QPSK	160	0	23.01	23.18	23.00	24.00
30	16QAM	1	1	23.00	23.16	23.03	24.00
30	64QAM	1	1	21.55	21.76	21.68	22.50
30	256QAM	1	1	19.51	19.67	19.60	20.50
Channel				372500	376500	380500	Tune-up limit
Frequency (MHz)				1862.5	1882.5	1902.5	(dBm)
25	PI/2 BPSK	1	1	23.15	23.22	23.23	24.00
Channel				372000	376500	381000	Tune-up limit
Frequency (MHz)				1860	1882.5	1905	(dBm)
20	PI/2 BPSK	1	1	23.21	23.27	23.21	24.00
Channel				371500	376500	381500	Tune-up limit
Frequency (MHz)				1857.5	1882.5	1907.5	(dBm)
15	PI/2 BPSK	1	1	23.25	23.20	23.30	24.00
Channel				371000	376500	382000	Tune-up limit
Frequency (MHz)				1855	1882.5	1910	(dBm)
10	PI/2 BPSK	1	1	23.25	23.25	23.18	24.00
Channel				370500	376500	382500	Tune-up limit
Frequency (MHz)				1852.5	1882.5	1912.5	(dBm)
5	PI/2 BPSK	1	1	23.24	23.21	23.30	24.00

【FR1 n25_Ant 4_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				373000	376500	380000	
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	23.74	23.81	23.78	24.50
30	PI/2 BPSK	1	80	23.59	23.74	23.61	24.50
30	PI/2 BPSK	1	158	23.62	23.79	23.66	24.50
30	PI/2 BPSK	80	0	23.57	23.75	23.67	24.50
30	PI/2 BPSK	80	40	23.57	23.78	23.64	24.50
30	PI/2 BPSK	80	80	23.61	23.72	23.62	24.50
30	PI/2 BPSK	160	0	23.52	23.74	23.60	24.50
30	QPSK	1	1	23.52	23.71	23.57	24.50
30	QPSK	1	80	23.67	23.79	23.64	24.50
30	QPSK	1	158	23.66	23.76	23.60	24.50
30	QPSK	80	0	23.55	23.72	23.57	24.50
30	QPSK	80	40	23.49	23.69	23.64	24.50
30	QPSK	80	80	23.51	23.65	23.50	24.50
30	QPSK	160	0	23.51	23.68	23.50	24.50
30	16QAM	1	1	23.50	23.66	23.53	24.50
30	64QAM	1	1	22.05	22.26	22.18	23.00
30	256QAM	1	1	20.01	20.17	20.10	21.00
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	23.64	23.76	23.73	24.50
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	23.61	23.77	23.74	24.50
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	23.64	23.75	23.75	24.50
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	23.69	23.72	23.73	24.50
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	23.65	23.68	23.64	24.50

【FR1 n25_Ant 4_Sensor on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				373000	376500	380000	
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	23.24	23.31	23.28	24.00
30	PI/2 BPSK	1	80	23.09	23.24	23.11	24.00
30	PI/2 BPSK	1	158	23.12	23.29	23.16	24.00
30	PI/2 BPSK	80	0	23.07	23.25	23.17	24.00
30	PI/2 BPSK	80	40	23.07	23.28	23.14	24.00
30	PI/2 BPSK	80	80	23.11	23.22	23.12	24.00
30	PI/2 BPSK	160	0	23.02	23.24	23.10	24.00
30	QPSK	1	1	23.02	23.21	23.07	24.00
30	QPSK	1	80	23.17	23.29	23.14	24.00
30	QPSK	1	158	23.16	23.26	23.10	24.00
30	QPSK	80	0	23.05	23.22	23.07	24.00
30	QPSK	80	40	22.99	23.19	23.14	24.00
30	QPSK	80	80	23.01	23.15	23.00	24.00
30	QPSK	160	0	23.01	23.18	23.00	24.00
30	16QAM	1	1	23.00	23.16	23.03	24.00
30	64QAM	1	1	21.55	21.76	21.68	22.50
30	256QAM	1	1	19.51	19.67	19.60	20.50
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	23.15	23.22	23.23	24.00
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	23.21	23.27	23.21	24.00
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	23.25	23.20	23.30	24.00
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	

10	PI/2 BPSK	1	1	23.25	23.25	23.18	24.00
Channel				370500	376500	382500	Tune-up limit
Frequency (MHz)				1852.5	1882.5	1912.5	(dBm)
5	PI/2 BPSK	1	1	23.24	23.21	23.30	24.00

【FR1 n25_Ant 4_Hotspot on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				373000	376500	380000	Tune-up limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	23.24	23.31	23.28	24.00
30	PI/2 BPSK	1	80	23.09	23.24	23.11	24.00
30	PI/2 BPSK	1	158	23.12	23.29	23.16	24.00
30	PI/2 BPSK	80	0	23.07	23.25	23.17	24.00
30	PI/2 BPSK	80	40	23.07	23.28	23.14	24.00
30	PI/2 BPSK	80	80	23.11	23.22	23.12	24.00
30	PI/2 BPSK	160	0	23.02	23.24	23.10	24.00
30	QPSK	1	1	23.02	23.21	23.07	24.00
30	QPSK	1	80	23.17	23.29	23.14	24.00
30	QPSK	1	158	23.16	23.26	23.10	24.00
30	QPSK	80	0	23.05	23.22	23.07	24.00
30	QPSK	80	40	22.99	23.19	23.14	24.00
30	QPSK	80	80	23.01	23.15	23.00	24.00
30	QPSK	160	0	23.01	23.18	23.00	24.00
30	16QAM	1	1	23.00	23.16	23.03	24.00
30	64QAM	1	1	21.55	21.76	21.68	22.50
30	256QAM	1	1	19.51	19.67	19.60	20.50
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	23.15	23.22	23.23	24.00
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	23.21	23.27	23.21	24.00
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	23.25	23.20	23.30	24.00
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	23.25	23.25	23.18	24.00
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	23.24	23.21	23.30	24.00

【FR1 n26__FCC_Ant 0_Sensor off】

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 (dBm)
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	22.98	23.07	22.96	24.00
20	PI/2 BPSK	1	53	22.85	23.03	22.86	24.00
20	PI/2 BPSK	1	104	22.81	23.05	22.83	24.00
20	PI/2 BPSK	50	0	22.82	23.01	22.81	24.00
20	PI/2 BPSK	50	28	22.87	23.03	22.79	24.00
20	PI/2 BPSK	50	56	22.77	22.98	22.82	24.00
20	PI/2 BPSK	100	0	22.78	22.93	22.70	24.00
20	QPSK	1	1	22.84	22.95	22.73	24.00
20	QPSK	1	53	22.70	22.91	22.75	24.00
20	QPSK	1	104	22.73	22.89	22.75	24.00
20	QPSK	50	0	22.80	22.96	22.72	24.00
20	QPSK	50	28	22.71	22.92	22.74	24.00
20	QPSK	50	56	22.66	22.88	22.63	24.00
20	QPSK	100	0	22.80	22.95	22.80	24.00
20	16QAM	1	1	22.70	22.93	22.71	24.00
20	64QAM	1	1	21.98	22.11	21.95	23.00
20	256QAM	1	1	19.48	19.63	19.46	20.50
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	22.89	22.97	22.87	24.00
Channel				163800	166300	168800	Tune-up limit



Frequency (MHz)				819	831.5	844	(dBm)
10	PI/2 BPSK	1	1	22.88	22.95	22.82	24.00
Channel				163300	166300	169300	Tune-up limit
Frequency (MHz)				816.5	831.5	846.5	(dBm)
5	PI/2 BPSK	1	1	22.92	23.03	22.93	24.00

【FR1 n26_FCC_Ant 0_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				164800	166300	167800	Tune-up limit (dBm)
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	22.98	23.07	22.96	24.00
20	PI/2 BPSK	1	53	22.85	23.03	22.86	24.00
20	PI/2 BPSK	1	104	22.81	23.05	22.83	24.00
20	PI/2 BPSK	50	0	22.82	23.01	22.81	24.00
20	PI/2 BPSK	50	28	22.87	23.03	22.79	24.00
20	PI/2 BPSK	50	56	22.77	22.98	22.82	24.00
20	PI/2 BPSK	100	0	22.78	22.93	22.70	24.00
20	QPSK	1	1	22.84	22.95	22.73	24.00
20	QPSK	1	53	22.70	22.91	22.75	24.00
20	QPSK	1	104	22.73	22.89	22.75	24.00
20	QPSK	50	0	22.80	22.96	22.72	24.00
20	QPSK	50	28	22.71	22.92	22.74	24.00
20	QPSK	50	56	22.66	22.88	22.63	24.00
20	QPSK	100	0	22.80	22.95	22.80	24.00
20	16QAM	1	1	22.70	22.93	22.71	24.00
20	64QAM	1	1	21.98	22.11	21.95	23.00
20	256QAM	1	1	19.48	19.63	19.46	20.50
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	22.89	22.97	22.87	24.00
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	22.88	22.95	22.82	24.00
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	22.92	23.03	22.93	24.00

【FR1 n26_FCC_Ant 0_Sensor on】

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 (dBm)
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	22.98	23.07	22.96	24.00
20	PI/2 BPSK	1	53	22.85	23.03	22.86	24.00
20	PI/2 BPSK	1	104	22.81	23.05	22.83	24.00
20	PI/2 BPSK	50	0	22.82	23.01	22.81	24.00
20	PI/2 BPSK	50	28	22.87	23.03	22.79	24.00
20	PI/2 BPSK	50	56	22.77	22.98	22.82	24.00
20	PI/2 BPSK	100	0	22.78	22.93	22.70	24.00
20	QPSK	1	1	22.84	22.95	22.73	24.00
20	QPSK	1	53	22.70	22.91	22.75	24.00
20	QPSK	1	104	22.73	22.89	22.75	24.00
20	QPSK	50	0	22.80	22.96	22.72	24.00
20	QPSK	50	28	22.71	22.92	22.74	24.00
20	QPSK	50	56	22.66	22.88	22.63	24.00
20	QPSK	100	0	22.80	22.95	22.80	24.00
20	16QAM	1	1	22.70	22.93	22.71	24.00
20	64QAM	1	1	21.98	22.11	21.95	23.00
20	256QAM	1	1	19.48	19.63	19.46	20.50
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	22.89	22.97	22.87	24.00
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	22.88	22.95	22.82	24.00
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	22.92	23.03	22.93	24.00

【FR1 n26__FCC_Ant 0_Hotspot on】

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 (dBm)
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	22.98	23.07	22.96	24.00
20	PI/2 BPSK	1	53	22.85	23.03	22.86	24.00
20	PI/2 BPSK	1	104	22.81	23.05	22.83	24.00
20	PI/2 BPSK	50	0	22.82	23.01	22.81	24.00
20	PI/2 BPSK	50	28	22.87	23.03	22.79	24.00
20	PI/2 BPSK	50	56	22.77	22.98	22.82	24.00
20	PI/2 BPSK	100	0	22.78	22.93	22.70	24.00
20	QPSK	1	1	22.84	22.95	22.73	24.00
20	QPSK	1	53	22.70	22.91	22.75	24.00
20	QPSK	1	104	22.73	22.89	22.75	24.00
20	QPSK	50	0	22.80	22.96	22.72	24.00
20	QPSK	50	28	22.71	22.92	22.74	24.00
20	QPSK	50	56	22.66	22.88	22.63	24.00
20	QPSK	100	0	22.80	22.95	22.80	24.00
20	16QAM	1	1	22.70	22.93	22.71	24.00
20	64QAM	1	1	21.98	22.11	21.95	23.00
20	256QAM	1	1	19.48	19.63	19.46	20.50
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	22.89	22.97	22.87	24.00
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	22.88	22.95	22.82	24.00
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	22.92	23.03	22.93	24.00

<FR1 n30_Ant 0_Full power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Tune-up Limit (dBm)
Channel				462000	Tune-up Limit (dBm)
Frequency (MHz)				2310	
10	PI/2 BPSK	1	1	23.38	24.50
10		1	26	23.34	24.50
10		1	50	23.37	24.50
10		25	0	23.31	24.50
10		25	14	23.26	24.50
10		25	27	23.25	24.50
10		50	0	23.28	24.50
10	QPSK	1	1	23.42	24.50
10		1	26	23.39	24.50
10		1	50	23.42	24.50
10		25	0	23.38	24.50
10		25	14	23.31	24.50
10		25	27	23.28	24.50
10		50	0	23.32	24.50
10	16QAM	1	1	23.59	24.50
10	64QAM	1	1	22.26	23.50
10	256QAM	1	1	19.92	21.00

<FR1 n30_Ant 1_Full power>					
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Tune-up Limit (dBm)
Channel				462000	
Frequency (MHz)				2310	
10	PI/2 BPSK	1	1	22.65	24.00
10		1	26	22.62	24.00
10		1	50	22.62	24.00
10		25	0	22.56	23.50
10		25	14	22.53	24.00
10		25	27	22.54	23.50
10		50	0	22.58	23.50
10	QPSK	1	1	22.67	24.00
10		1	26	22.66	24.00
10		1	50	22.69	24.00
10		25	0	22.56	23.00
10		25	14	22.57	24.00
10		25	27	22.59	23.00
10		50	0	22.54	23.00
10	16QAM	1	1	22.81	23.00
10	64QAM	1	1	20.52	21.50
10	256QAM	1	1	19.06	19.50

<FR1 n30_Ant 4_Full power>					
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Tune-up Limit (dBm)
Channel				462000	
Frequency (MHz)				2310	
10	PI/2 BPSK	1	1	22.53	24.00
10		1	26	22.35	24.00
10		1	50	22.32	24.00
10		25	0	22.25	24.00
10		25	14	22.28	24.00
10		25	27	22.21	24.00
10		50	0	22.24	24.00
10	QPSK	1	1	22.38	24.00
10		1	26	22.37	24.00
10		1	50	22.33	24.00
10		25	0	22.34	24.00
10		25	14	22.31	24.00
10		25	27	22.30	24.00
10		50	0	22.27	24.00
10	16QAM	1	1	22.51	24.00
10	64QAM	1	1	21.19	22.50
10	256QAM	1	1	18.80	20.50

<FR1 n30_Ant 5_Full power>					
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Tune-up Limit (dBm)
Channel				462000	
Frequency (MHz)				2310	
10	PI/2 BPSK	1	1	23.38	24.00
10		1	26	23.28	24.00
10		1	50	23.25	24.00
10		25	0	23.31	24.00
10		25	14	23.33	24.00
10		25	27	23.24	24.00
10		50	0	23.22	24.00
10	QPSK	1	1	23.16	24.00
10		1	26	23.19	24.00
10		1	50	23.27	24.00
10		25	0	23.26	24.00
10		25	14	23.22	24.00
10		25	27	23.21	24.00
10		50	0	23.18	24.00
10	16QAM	1	1	23.19	24.00
10	64QAM	1	1	21.86	22.50
10	256QAM	1	1	19.84	20.50

<FR1 n30_Ant 0_Sensor on>					
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Tune-up Limit (dBm)
Channel				462000	
Frequency (MHz)				2310	
10	PI/2 BPSK	1	1	19.42	20.50
10		1	26	19.15	20.50
10		1	50	19.20	20.50
10		25	0	19.18	20.50
10		25	14	19.40	20.50
10		25	27	19.25	20.50
10		50	0	19.38	20.50
10	QPSK	1	1	19.27	20.50
10		1	26	19.28	20.50
10		1	50	19.21	20.50
10		25	0	19.19	20.50
10		25	14	19.16	20.50
10		25	27	19.22	20.50
10		50	0	19.27	20.50
10	16QAM	1	1	19.24	20.50
10	64QAM	1	1	19.21	20.50
10	256QAM	1	1	19.19	20.50

<FR1 n30_Ant 1_Sensor on>					
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Tune-up Limit (dBm)
Channel				462000	
Frequency (MHz)				2310	
10	PI/2 BPSK	1	1	18.13	19.50
10		1	26	17.83	19.50
10		1	50	17.94	19.50
10		25	0	17.89	19.50
10		25	14	18.11	19.50
10		25	27	17.89	19.50
10		50	0	17.92	19.50
10	QPSK	1	1	17.93	19.50
10		1	26	17.86	19.50
10		1	50	17.90	19.50
10		25	0	17.83	19.50
10		25	14	17.94	19.50
10		25	27	17.87	19.50
10		50	0	17.83	19.50
10	16QAM	1	1	17.97	19.50
10	64QAM	1	1	17.86	19.50
10	256QAM	1	1	17.88	19.50

<FR1 n30_Ant 4_Sensor on>					
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Tune-up Limit (dBm)
Channel				462000	
Frequency (MHz)				2310	
10	PI/2 BPSK	1	1	22.53	24.00
10		1	26	22.35	24.00
10		1	50	22.32	24.00
10		25	0	22.25	24.00
10		25	14	22.28	24.00
10		25	27	22.21	24.00
10		50	0	22.24	24.00
10	QPSK	1	1	22.38	24.00
10		1	26	22.37	24.00
10		1	50	22.33	24.00
10		25	0	22.34	24.00
10		25	14	22.31	24.00
10		25	27	22.30	24.00
10		50	0	22.27	24.00
10	16QAM	1	1	22.51	24.00
10	64QAM	1	1	21.19	22.50
10	256QAM	1	1	18.80	20.50



<FR1 n30_Ant 5_Sensor on>					
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Tune-up Limit (dBm)
Channel				462000	
Frequency (MHz)				2310	
10	PI/2 BPSK	1	1	18.40	19.00
10		1	26	18.33	19.00
10		1	50	18.35	19.00
10		25	0	18.36	19.00
10		25	14	18.38	19.00
10		25	27	18.29	19.00
10		50	0	18.25	19.00
10	QPSK	1	1	18.27	19.00
10		1	26	18.22	19.00
10		1	50	18.25	19.00
10		25	0	18.19	19.00
10		25	14	18.18	19.00
10		25	27	18.16	19.00
10		50	0	18.21	19.00
10	16QAM	1	1	18.17	19.00
10	64QAM	1	1	18.23	19.00
10	256QAM	1	1	18.20	19.00

<FR1 n30_Ant 0_Hotspot on>					
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Tune-up Limit (dBm)
Channel				462000	
Frequency (MHz)				2310	
10	PI/2 BPSK	1	1	19.42	20.50
10		1	26	19.15	20.50
10		1	50	19.20	20.50
10		25	0	19.18	20.50
10		25	14	19.40	20.50
10		25	27	19.25	20.50
10		50	0	19.38	20.50
10	QPSK	1	1	19.27	20.50
10		1	26	19.28	20.50
10		1	50	19.21	20.50
10		25	0	19.19	20.50
10		25	14	19.16	20.50
10		25	27	19.22	20.50
10		50	0	19.27	20.50
10	16QAM	1	1	19.24	20.50
10	64QAM	1	1	19.21	20.50
10	256QAM	1	1	19.19	20.50



<FR1 n30_Ant 1_Hotspot on>					
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Tune-up Limit (dBm)
Channel				462000	
Frequency (MHz)				2310	
10	PI/2 BPSK	1	1	18.13	19.50
10		1	26	17.83	19.50
10		1	50	17.94	19.50
10		25	0	17.89	19.50
10		25	14	18.11	19.50
10		25	27	17.89	19.50
10		50	0	17.92	19.50
10	QPSK	1	1	17.93	19.50
10		1	26	17.86	19.50
10		1	50	17.90	19.50
10		25	0	17.83	19.50
10		25	14	17.94	19.50
10		25	27	17.87	19.50
10		50	0	17.83	19.50
10	16QAM	1	1	17.97	19.50
10	64QAM	1	1	17.86	19.50
10	256QAM	1	1	17.88	19.50

<FR1 n30_Ant 4_Hotspot on>					
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Tune-up Limit (dBm)
Channel				462000	
Frequency (MHz)				2310	
10	PI/2 BPSK	1	1	22.53	24.00
10		1	26	22.35	24.00
10		1	50	22.32	24.00
10		25	0	22.25	24.00
10		25	14	22.28	24.00
10		25	27	22.21	24.00
10		50	0	22.24	24.00
10	QPSK	1	1	22.38	24.00
10		1	26	22.37	24.00
10		1	50	22.33	24.00
10		25	0	22.34	24.00
10		25	14	22.31	24.00
10		25	27	22.30	24.00
10		50	0	22.27	24.00
10	16QAM	1	1	22.51	24.00
10	64QAM	1	1	21.19	22.50
10	256QAM	1	1	18.80	20.50

<FR1 n30_Ant 5_Hotspot on>					
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Tune-up Limit (dBm)
Channel				462000	
Frequency (MHz)				2310	
10	PI/2 BPSK	1	1	18.40	19.00
10		1	26	18.33	19.00
10		1	50	18.35	19.00
10		25	0	18.36	19.00
10		25	14	18.38	19.00
10		25	27	18.29	19.00
10		50	0	18.25	19.00
10	QPSK	1	1	18.27	19.00
10		1	26	18.22	19.00
10		1	50	18.25	19.00
10		25	0	18.19	19.00
10		25	14	18.18	19.00
10		25	27	18.16	19.00
10		50	0	18.21	19.00
10	16QAM	1	1	18.17	19.00
10	64QAM	1	1	18.23	19.00
10	256QAM	1	1	18.20	19.00

<FR1 n30_Ant 0_Sensor off>					
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Tune-up Limit (dBm)
Channel				462000	
Frequency (MHz)				2310	
10	PI/2 BPSK	1	1	22.88	24.00
10		1	26	22.84	24.00
10		1	50	22.87	24.00
10		25	0	22.81	24.00
10		25	14	22.76	24.00
10		25	27	22.75	24.00
10		50	0	22.78	24.00
10	QPSK	1	1	22.92	24.00
10		1	26	22.89	24.00
10		1	50	22.92	24.00
10		25	0	22.88	24.00
10		25	14	22.81	24.00
10		25	27	22.78	24.00
10		50	0	22.82	24.00
10	16QAM	1	1	23.09	24.00
10	64QAM	1	1	21.76	23.00
10	256QAM	1	1	19.42	20.50

<FR1 n30_Ant 1_Sensor off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Tune-up Limit (dBm)
Channel				462000	2310
Frequency (MHz)				2310	
10	PI/2 BPSK	1	1	22.65	24.00
10		1	26	22.62	24.00
10		1	50	22.62	24.00
10		25	0	22.56	23.50
10		25	14	22.53	24.00
10		25	27	22.54	23.50
10		50	0	22.58	23.50
10	QPSK	1	1	22.67	24.00
10		1	26	22.66	24.00
10		1	50	22.69	24.00
10		25	0	22.56	23.00
10		25	14	22.57	24.00
10		25	27	22.59	23.00
10		50	0	22.54	23.00
10	16QAM	1	1	22.81	23.00
10	64QAM	1	1	20.52	21.50
10	256QAM	1	1	19.06	19.50

<FR1 n30_Ant 4_Sensor off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Tune-up Limit (dBm)
Channel				462000	2310
Frequency (MHz)				2310	
10	PI/2 BPSK	1	1	22.53	24.00
10		1	26	22.35	24.00
10		1	50	22.32	24.00
10		25	0	22.25	24.00
10		25	14	22.28	24.00
10		25	27	22.21	24.00
10		50	0	22.24	24.00
10	QPSK	1	1	22.38	24.00
10		1	26	22.37	24.00
10		1	50	22.33	24.00
10		25	0	22.34	24.00
10		25	14	22.31	24.00
10		25	27	22.30	24.00
10		50	0	22.27	24.00
10	16QAM	1	1	22.51	24.00
10	64QAM	1	1	21.19	22.50
10	256QAM	1	1	18.80	20.50

<FR1 n30_Ant 5_Sensor off>					
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Tune-up Limit (dBm)
Channel				462000	
Frequency (MHz)				2310	
10	PI/2 BPSK	1	1	23.38	24.00
10		1	26	23.28	24.00
10		1	50	23.25	24.00
10		25	0	23.31	24.00
10		25	14	23.33	24.00
10		25	27	23.24	24.00
10		50	0	23.22	24.00
10	QPSK	1	1	23.16	24.00
10		1	26	23.19	24.00
10		1	50	23.27	24.00
10		25	0	23.26	24.00
10		25	14	23.22	24.00
10		25	27	23.21	24.00
10		50	0	23.18	24.00
10	16QAM	1	1	23.19	24.00
10	64QAM	1	1	21.86	22.50
10	256QAM	1	1	19.84	20.50

【FR1 n38_Ant 0_Sensor off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	22.87	22.75	22.80	24.00
40	PI/2 BPSK	1	53	22.76	22.72	22.63	24.00
40	PI/2 BPSK	1	104	22.66	22.68	22.70	24.00
40	PI/2 BPSK	50	0	22.79	22.77	22.73	24.00
40	PI/2 BPSK	50	28	22.88	22.79	22.81	24.00
40	PI/2 BPSK	50	56	22.78	22.68	22.62	24.00
40	PI/2 BPSK	100	0	22.86	22.77	22.72	24.00
40	QPSK	1	1	22.82	22.85	22.78	24.00
40	QPSK	1	53	22.88	22.83	22.75	24.00
40	QPSK	1	104	22.93	22.86	22.87	24.00
40	QPSK	50	0	22.93	22.82	22.73	24.00
40	QPSK	50	28	22.77	22.78	22.75	24.00
40	QPSK	50	56	22.80	22.74	22.72	24.00
40	QPSK	100	0	22.83	22.83	22.76	24.00
40	16QAM	1	1	23.06	22.98	22.91	24.00
40	64QAM	1	1	21.62	21.55	21.56	23.00
40	256QAM	1	1	19.32	19.28	19.29	20.50
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	22.85	22.60	22.79	24.00
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	22.75	22.64	22.78	24.00

【FR1 n38_Ant 0_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	22.87	22.75	22.80	24.00
40	PI/2 BPSK	1	53	22.76	22.72	22.63	24.00
40	PI/2 BPSK	1	104	22.66	22.68	22.70	24.00
40	PI/2 BPSK	50	0	22.79	22.77	22.73	24.00
40	PI/2 BPSK	50	28	22.88	22.79	22.81	24.00
40	PI/2 BPSK	50	56	22.78	22.68	22.62	24.00
40	PI/2 BPSK	100	0	22.86	22.77	22.72	24.00
40	QPSK	1	1	22.82	22.85	22.78	24.00
40	QPSK	1	53	22.88	22.83	22.75	24.00
40	QPSK	1	104	22.93	22.86	22.87	24.00
40	QPSK	50	0	22.93	22.82	22.73	24.00
40	QPSK	50	28	22.77	22.78	22.75	24.00
40	QPSK	50	56	22.80	22.74	22.72	24.00
40	QPSK	100	0	22.83	22.83	22.76	24.00
40	16QAM	1	1	23.06	22.98	22.91	24.00
40	64QAM	1	1	21.62	21.55	21.56	23.00
40	256QAM	1	1	19.32	19.28	19.29	20.50
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	22.85	22.60	22.79	24.00
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	22.75	22.64	22.78	24.00

【FR1 n38_Ant 0_Sensor on】

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	19.48	19.55	19.51	20.50
40	PI/2 BPSK	1	53	19.27	19.48	19.29	20.50
40	PI/2 BPSK	1	104	19.36	19.42	19.42	20.50
40	PI/2 BPSK	50	0	19.35	19.44	19.34	20.50
40	PI/2 BPSK	50	28	19.45	19.49	19.39	20.50
40	PI/2 BPSK	50	56	19.39	19.45	19.31	20.50
40	PI/2 BPSK	100	0	19.33	19.37	19.34	20.50
40	QPSK	1	1	19.31	19.46	19.35	20.50
40	QPSK	1	53	19.36	19.38	19.32	20.50
40	QPSK	1	104	19.38	19.36	19.38	20.50
40	QPSK	50	0	19.32	19.38	19.35	20.50
40	QPSK	50	28	19.36	19.35	19.38	20.50
40	QPSK	50	56	19.29	19.48	19.38	20.50
40	QPSK	100	0	19.27	19.45	19.33	20.50
40	16QAM	1	1	19.40	19.44	19.29	20.50
40	64QAM	1	1	19.39	19.47	19.28	20.50
40	256QAM	1	1	19.32	19.28	19.29	20.50
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	19.46	19.46	19.49	20.50
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	19.42	19.41	19.47	20.50

【FR1 n38_Ant 0_Hotspot on】

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	19.48	19.55	19.51	20.50
40	PI/2 BPSK	1	53	19.27	19.48	19.29	20.50
40	PI/2 BPSK	1	104	19.36	19.42	19.42	20.50
40	PI/2 BPSK	50	0	19.35	19.44	19.34	20.50
40	PI/2 BPSK	50	28	19.45	19.49	19.39	20.50
40	PI/2 BPSK	50	56	19.39	19.45	19.31	20.50
40	PI/2 BPSK	100	0	19.33	19.37	19.34	20.50
40	QPSK	1	1	19.31	19.46	19.35	20.50
40	QPSK	1	53	19.36	19.38	19.32	20.50
40	QPSK	1	104	19.38	19.36	19.38	20.50
40	QPSK	50	0	19.32	19.38	19.35	20.50
40	QPSK	50	28	19.36	19.35	19.38	20.50
40	QPSK	50	56	19.29	19.48	19.38	20.50
40	QPSK	100	0	19.27	19.45	19.33	20.50
40	16QAM	1	1	19.40	19.44	19.29	20.50
40	64QAM	1	1	19.39	19.47	19.28	20.50
40	256QAM	1	1	19.32	19.28	19.29	20.50
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	19.46	19.46	19.49	20.50
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	19.42	19.41	19.47	20.50

【FR1 n38_Ant 1_Sensor off】

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	23.14	23.11	23.11	24.00
40	PI/2 BPSK	1	53	22.94	23.00	22.88	24.00
40	PI/2 BPSK	1	104	23.11	23.10	23.03	24.00
40	PI/2 BPSK	50	0	22.87	22.95	22.86	23.50
40	PI/2 BPSK	50	28	23.02	23.01	22.96	24.00
40	PI/2 BPSK	50	56	22.88	22.97	22.86	23.50
40	PI/2 BPSK	100	0	22.98	23.02	22.96	23.50
40	QPSK	1	1	23.09	23.16	23.11	24.00
40	QPSK	1	53	23.14	23.12	23.01	24.00
40	QPSK	1	104	23.13	23.25	23.11	24.00
40	QPSK	50	0	21.93	22.03	21.97	23.00
40	QPSK	50	28	22.98	23.06	22.94	24.00
40	QPSK	50	56	21.91	22.01	21.86	23.00
40	QPSK	100	0	21.98	22.10	22.05	23.00
40	16QAM	1	1	22.29	22.27	22.15	23.00
40	64QAM	1	1	20.80	20.89	20.81	21.50
40	256QAM	1	1	18.65	18.64	18.59	19.50
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	23.09	23.02	23.01	24.00
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	23.12	23.06	23.07	24.00

【FR1 n38_Ant 1_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	23.14	23.11	23.11	24.00
40	PI/2 BPSK	1	53	22.94	23.00	22.88	24.00
40	PI/2 BPSK	1	104	23.11	23.10	23.03	24.00
40	PI/2 BPSK	50	0	22.87	22.95	22.86	23.50
40	PI/2 BPSK	50	28	23.02	23.01	22.96	24.00
40	PI/2 BPSK	50	56	22.88	22.97	22.86	23.50
40	PI/2 BPSK	100	0	22.98	23.02	22.96	23.50
40	QPSK	1	1	23.09	23.16	23.11	24.00
40	QPSK	1	53	23.14	23.12	23.01	24.00
40	QPSK	1	104	23.13	23.25	23.11	24.00
40	QPSK	50	0	21.93	22.03	21.97	23.00
40	QPSK	50	28	22.98	23.06	22.94	24.00
40	QPSK	50	56	21.91	22.01	21.86	23.00
40	QPSK	100	0	21.98	22.10	22.05	23.00
40	16QAM	1	1	22.29	22.27	22.15	23.00
40	64QAM	1	1	20.80	20.89	20.81	21.50
40	256QAM	1	1	18.65	18.64	18.59	19.50
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	23.09	23.02	23.01	24.00
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	23.12	23.06	23.07	24.00

【FR1 n38_Ant 1_Sensor on】

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	19.22	19.25	19.19	20.00
40	PI/2 BPSK	1	53	19.02	19.09	19.01	20.00
40	PI/2 BPSK	1	104	18.82	18.94	18.75	20.00
40	PI/2 BPSK	50	0	18.99	19.05	18.97	20.00
40	PI/2 BPSK	50	28	19.16	19.21	19.15	20.00
40	PI/2 BPSK	50	56	18.76	18.89	18.75	20.00
40	PI/2 BPSK	100	0	19.10	19.16	19.06	20.00
40	QPSK	1	1	18.92	19.06	18.97	20.00
40	QPSK	1	53	18.89	19.02	18.81	20.00
40	QPSK	1	104	18.82	18.95	18.76	20.00
40	QPSK	50	0	19.02	19.15	18.99	20.00
40	QPSK	50	28	18.99	19.04	18.89	20.00
40	QPSK	50	56	18.82	18.96	18.87	20.00
40	QPSK	100	0	18.83	18.98	18.85	20.00
40	16QAM	1	1	18.86	19.02	18.92	20.00
40	64QAM	1	1	18.96	19.00	18.83	20.00
40	256QAM	1	1	18.65	18.64	18.59	19.50
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	19.09	19.14	19.05	20.00
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	19.10	19.15	19.13	20.00

【FR1 n38_Ant 1_Hotspot on】

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	19.22	19.25	19.19	20.00
40	PI/2 BPSK	1	53	19.02	19.09	19.01	20.00
40	PI/2 BPSK	1	104	18.82	18.94	18.75	20.00
40	PI/2 BPSK	50	0	18.99	19.05	18.97	20.00
40	PI/2 BPSK	50	28	19.16	19.21	19.15	20.00
40	PI/2 BPSK	50	56	18.76	18.89	18.75	20.00
40	PI/2 BPSK	100	0	19.10	19.16	19.06	20.00
40	QPSK	1	1	18.92	19.06	18.97	20.00
40	QPSK	1	53	18.89	19.02	18.81	20.00
40	QPSK	1	104	18.82	18.95	18.76	20.00
40	QPSK	50	0	19.02	19.15	18.99	20.00
40	QPSK	50	28	18.99	19.04	18.89	20.00
40	QPSK	50	56	18.82	18.96	18.87	20.00
40	QPSK	100	0	18.83	18.98	18.85	20.00
40	16QAM	1	1	18.86	19.02	18.92	20.00
40	64QAM	1	1	18.96	19.00	18.83	20.00
40	256QAM	1	1	18.65	18.64	18.59	19.50
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	19.09	19.14	19.05	20.00
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	19.10	19.15	19.13	20.00

【FR1 n38_Ant 4_Sensor off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	22.23	22.26	22.26	23.00
40	PI/2 BPSK	1	53	22.08	22.23	22.22	23.00
40	PI/2 BPSK	1	104	22.06	22.20	22.18	23.00
40	PI/2 BPSK	50	0	22.05	22.20	22.17	23.00
40	PI/2 BPSK	50	28	22.17	22.31	22.25	23.00
40	PI/2 BPSK	50	56	22.16	22.31	22.23	23.00
40	PI/2 BPSK	100	0	22.09	22.26	22.20	23.00
40	QPSK	1	1	22.22	22.34	22.26	23.00
40	QPSK	1	53	22.23	22.40	22.26	23.00
40	QPSK	1	104	22.23	22.55	22.25	23.00
40	QPSK	50	0	22.09	22.23	22.15	23.00
40	QPSK	50	28	22.18	22.28	22.22	23.00
40	QPSK	50	56	22.21	22.35	22.26	23.00
40	QPSK	100	0	22.22	22.34	22.23	23.00
40	16QAM	1	1	22.23	22.44	22.25	23.00
40	64QAM	1	1	20.82	20.98	20.86	21.50
40	256QAM	1	1	18.64	18.76	18.71	19.50
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	22.19	22.19	22.16	23.00
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	22.08	22.14	22.20	23.00

【FR1 n38_Ant 4_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	22.23	22.26	22.26	23.00
40	PI/2 BPSK	1	53	22.08	22.23	22.22	23.00
40	PI/2 BPSK	1	104	22.06	22.20	22.18	23.00
40	PI/2 BPSK	50	0	22.05	22.20	22.17	23.00
40	PI/2 BPSK	50	28	22.17	22.31	22.25	23.00
40	PI/2 BPSK	50	56	22.16	22.31	22.23	23.00
40	PI/2 BPSK	100	0	22.09	22.26	22.20	23.00
40	QPSK	1	1	22.22	22.34	22.26	23.00
40	QPSK	1	53	22.23	22.40	22.26	23.00
40	QPSK	1	104	22.23	22.55	22.25	23.00
40	QPSK	50	0	22.09	22.23	22.15	23.00
40	QPSK	50	28	22.18	22.28	22.22	23.00
40	QPSK	50	56	22.21	22.35	22.26	23.00
40	QPSK	100	0	22.22	22.34	22.23	23.00
40	16QAM	1	1	22.23	22.44	22.25	23.00
40	64QAM	1	1	20.82	20.98	20.86	21.50
40	256QAM	1	1	18.64	18.76	18.71	19.50
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	22.19	22.19	22.16	23.00
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	22.08	22.14	22.20	23.00

【FR1 n38_Ant 4_Sensor on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	22.23	22.26	22.26	23.00
40	PI/2 BPSK	1	53	22.08	22.23	22.22	23.00
40	PI/2 BPSK	1	104	22.06	22.20	22.18	23.00
40	PI/2 BPSK	50	0	22.05	22.20	22.17	23.00
40	PI/2 BPSK	50	28	22.17	22.31	22.25	23.00
40	PI/2 BPSK	50	56	22.16	22.31	22.23	23.00
40	PI/2 BPSK	100	0	22.09	22.26	22.20	23.00
40	QPSK	1	1	22.22	22.34	22.26	23.00
40	QPSK	1	53	22.23	22.40	22.26	23.00
40	QPSK	1	104	22.23	22.55	22.25	23.00
40	QPSK	50	0	22.09	22.23	22.15	23.00
40	QPSK	50	28	22.18	22.28	22.22	23.00
40	QPSK	50	56	22.21	22.35	22.26	23.00
40	QPSK	100	0	22.22	22.34	22.23	23.00
40	16QAM	1	1	22.23	22.44	22.25	23.00
40	64QAM	1	1	20.82	20.98	20.86	21.50
40	256QAM	1	1	18.64	18.76	18.71	19.50
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	22.19	22.19	22.16	23.00
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	22.08	22.14	22.20	23.00

【FR1 n38_Ant 4_Hotspot on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	22.23	22.26	22.26	23.00
40	PI/2 BPSK	1	53	22.08	22.23	22.22	23.00
40	PI/2 BPSK	1	104	22.06	22.20	22.18	23.00
40	PI/2 BPSK	50	0	22.05	22.20	22.17	23.00
40	PI/2 BPSK	50	28	22.17	22.31	22.25	23.00
40	PI/2 BPSK	50	56	22.16	22.31	22.23	23.00
40	PI/2 BPSK	100	0	22.09	22.26	22.20	23.00
40	QPSK	1	1	22.22	22.34	22.26	23.00
40	QPSK	1	53	22.23	22.40	22.26	23.00
40	QPSK	1	104	22.23	22.55	22.25	23.00
40	QPSK	50	0	22.09	22.23	22.15	23.00
40	QPSK	50	28	22.18	22.28	22.22	23.00
40	QPSK	50	56	22.21	22.35	22.26	23.00
40	QPSK	100	0	22.22	22.34	22.23	23.00
40	16QAM	1	1	22.23	22.44	22.25	23.00
40	64QAM	1	1	20.82	20.98	20.86	21.50
40	256QAM	1	1	18.64	18.76	18.71	19.50
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	22.19	22.19	22.16	23.00
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	22.08	22.14	22.20	23.00

【FR1 n41_FCC_Ant 0_Sensor off】

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	23.11	23.13	22.78	24.00
100	PI/2 BPSK	1	137	22.80	22.88	22.51	24.00
100	PI/2 BPSK	1	271	22.66	22.76	22.33	24.00
100	PI/2 BPSK	135	0	22.68	22.83	22.34	24.00
100	PI/2 BPSK	135	69	22.78	22.86	22.41	24.00
100	PI/2 BPSK	135	138	22.64	22.78	22.37	24.00
100	PI/2 BPSK	270	0	22.65	22.80	22.42	24.00
100	QPSK	1	1	22.79	22.93	22.55	24.00
100	QPSK	1	137	22.79	22.89	22.45	24.00
100	QPSK	1	271	22.66	22.71	22.33	24.00
100	QPSK	135	0	22.74	22.82	22.38	24.00
100	QPSK	135	69	22.78	22.84	22.36	24.00
100	QPSK	135	138	22.56	22.71	22.35	24.00
100	QPSK	270	0	22.60	22.70	22.34	24.00
100	16QAM	1	1	22.91	23.00	22.62	24.00
100	64QAM	1	1	22.82	22.90	22.53	24.00
100	256QAM	1	1	22.15	22.18	21.77	22.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	22.98	23.11	22.64	24.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.98	22.99	22.70	24.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	22.99	23.02	22.70	24.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.07	23.08	22.72	24.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.09	23.08	22.74	24.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.00	23.02	22.74	24.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	

30	PI/2 BPSK	1	1	23.01	23.00	22.76	24.00
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	22.71	24.00

【FR1 n41__FCC_HPUE_Ant 0_Sensor off】

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	25.80	26.00	25.96	27.00
100	PI/2 BPSK	1	137	25.62	25.93	25.82	27.00
100	PI/2 BPSK	1	271	25.69	25.92	25.74	27.00
100	PI/2 BPSK	135	0	25.67	25.89	25.83	26.50
100	PI/2 BPSK	135	69	25.81	26.07	25.92	27.00
100	PI/2 BPSK	135	138	25.57	25.90	25.84	26.50
100	PI/2 BPSK	270	0	25.58	25.90	25.84	26.50
100	QPSK	1	1	25.45	25.72	25.67	27.00
100	QPSK	1	137	25.66	25.97	25.89	27.00
100	QPSK	1	271	25.51	25.85	25.72	27.00
100	QPSK	135	0	24.18	24.52	24.36	26.00
100	QPSK	135	69	25.75	26.07	25.93	27.00
100	QPSK	135	138	24.26	24.50	24.43	26.00
100	QPSK	270	0	24.31	24.55	24.41	26.00
100	16QAM	1	1	23.65	23.95	23.85	25.00
100	64QAM	1	1	22.54	22.80	22.71	24.50
100	256QAM	1	1	21.24	21.43	21.28	22.50
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	25.67	25.86	25.82	27.00
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	25.79	25.91	25.86	27.00
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	25.68	25.90	25.95	27.00
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	25.77	25.94	25.91	27.00
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	25.76	25.95	25.84	27.00
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	25.72	25.85	25.85	27.00
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	25.71	25.90	25.83	27.00
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	25.72	25.88	25.88	27.00

【FR1 n41__FCC_Ant 0_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.11	23.13	22.78	24.00
100	PI/2 BPSK	1	137	22.80	22.88	22.51	24.00
100	PI/2 BPSK	1	271	22.66	22.76	22.33	24.00
100	PI/2 BPSK	135	0	22.68	22.83	22.34	24.00
100	PI/2 BPSK	135	69	22.78	22.86	22.41	24.00
100	PI/2 BPSK	135	138	22.64	22.78	22.37	24.00
100	PI/2 BPSK	270	0	22.65	22.80	22.42	24.00
100	QPSK	1	1	22.79	22.93	22.55	24.00
100	QPSK	1	137	22.79	22.89	22.45	24.00
100	QPSK	1	271	22.66	22.71	22.33	24.00
100	QPSK	135	0	22.74	22.82	22.38	24.00
100	QPSK	135	69	22.78	22.84	22.36	24.00



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100	QPSK	135	138	22.56	22.71	22.35	24.00
100	QPSK	270	0	22.60	22.70	22.34	24.00
100	16QAM	1	1	22.91	23.00	22.62	24.00
100	64QAM	1	1	22.82	22.90	22.53	24.00
100	256QAM	1	1	22.15	22.18	21.77	22.50
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	22.98	23.11	22.64	24.00
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	22.98	22.99	22.70	24.00
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	22.99	23.02	22.70	24.00
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	23.07	23.08	22.72	24.00
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	23.09	23.08	22.74	24.00
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	23.00	23.02	22.74	24.00
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	23.01	23.00	22.76	24.00
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	22.71	24.00

【FR1 n41_FCC_HPUE_Ant 0_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	25.80	26.00	25.96	27.00
100	PI/2 BPSK	1	137	25.62	25.93	25.82	27.00
100	PI/2 BPSK	1	271	25.69	25.92	25.74	27.00
100	PI/2 BPSK	135	0	25.67	25.89	25.83	26.50
100	PI/2 BPSK	135	69	25.81	26.07	25.92	27.00
100	PI/2 BPSK	135	138	25.57	25.90	25.84	26.50
100	PI/2 BPSK	270	0	25.58	25.90	25.84	26.50
100	QPSK	1	1	25.45	25.72	25.67	27.00
100	QPSK	1	137	25.66	25.97	25.89	27.00
100	QPSK	1	271	25.51	25.85	25.72	27.00
100	QPSK	135	0	24.18	24.52	24.36	26.00
100	QPSK	135	69	25.75	26.07	25.93	27.00
100	QPSK	135	138	24.26	24.50	24.43	26.00
100	QPSK	270	0	24.31	24.55	24.41	26.00
100	16QAM	1	1	23.65	23.95	23.85	25.00
100	64QAM	1	1	22.54	22.80	22.71	24.50
100	256QAM	1	1	21.24	21.43	21.28	22.50
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	25.67	25.86	25.82	27.00
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	25.79	25.91	25.86	27.00
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	25.68	25.90	25.95	27.00
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	25.77	25.94	25.91	27.00
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	25.76	25.95	25.84	27.00
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	25.72	25.85	25.85	27.00
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	25.71	25.90	25.83	27.00
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	25.72	25.88	25.88	27.00

【FR1 n41__FCC_Ant 0_Sensor on】

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	19.49	19.57	19.48	20.50
100	PI/2 BPSK	1	137	19.17	19.27	19.04	20.50
100	PI/2 BPSK	1	271	19.19	19.34	19.11	20.50
100	PI/2 BPSK	135	0	19.11	19.23	19.09	20.50
100	PI/2 BPSK	135	69	19.44	19.56	19.46	20.50
100	PI/2 BPSK	135	138	19.14	19.25	19.02	20.50
100	PI/2 BPSK	270	0	19.39	19.53	19.42	20.50
100	QPSK	1	1	19.26	19.37	19.18	20.50
100	QPSK	1	137	19.12	19.22	19.00	20.50
100	QPSK	1	271	19.22	19.33	19.22	20.50
100	QPSK	135	0	19.02	19.24	19.02	20.50
100	QPSK	135	69	19.14	19.24	19.12	20.50
100	QPSK	135	138	19.18	19.37	19.19	20.50
100	QPSK	270	0	19.05	19.27	19.16	20.50
100	16QAM	1	1	19.10	19.22	18.98	20.50
100	64QAM	1	1	19.20	19.34	19.13	20.50
100	256QAM	1	1	19.20	19.41	19.21	20.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	19.37	19.44	19.36	20.50
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	19.38	19.46	19.34	20.50
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	19.38	19.50	19.40	20.50
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	19.38	19.51	19.39	20.50
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	19.45	19.50	19.46	20.50
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	19.41	19.54	19.45	20.50
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	19.36	19.43	19.42	20.50
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	19.42	19.56	19.44	20.50

【FR1 n41__FCC_Ant 0_Hotspot on】

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	19.49	19.57	19.48	20.50
100	PI/2 BPSK	1	137	19.17	19.27	19.04	20.50
100	PI/2 BPSK	1	271	19.19	19.34	19.11	20.50
100	PI/2 BPSK	135	0	19.11	19.23	19.09	20.50
100	PI/2 BPSK	135	69	19.44	19.56	19.46	20.50
100	PI/2 BPSK	135	138	19.14	19.25	19.02	20.50
100	PI/2 BPSK	270	0	19.39	19.53	19.42	20.50
100	QPSK	1	1	19.26	19.37	19.18	20.50
100	QPSK	1	137	19.12	19.22	19.00	20.50
100	QPSK	1	271	19.22	19.33	19.22	20.50
100	QPSK	135	0	19.02	19.24	19.02	20.50
100	QPSK	135	69	19.14	19.24	19.12	20.50
100	QPSK	135	138	19.18	19.37	19.19	20.50
100	QPSK	270	0	19.05	19.27	19.16	20.50
100	16QAM	1	1	19.10	19.22	18.98	20.50
100	64QAM	1	1	19.20	19.34	19.13	20.50



100	256QAM	1	1	19.20	19.41	19.21	20.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	19.37	19.44	19.36	20.50
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	19.38	19.46	19.34	20.50
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	19.38	19.50	19.40	20.50
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	19.38	19.51	19.39	20.50
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	19.45	19.50	19.46	20.50
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	19.41	19.54	19.45	20.50
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	19.36	19.43	19.42	20.50
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	19.42	19.56	19.44	20.50

【FR1 n41__FCC_HPUE_Ant 0_Sensor on】

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	19.49	19.57	19.48	20.50
100	PI/2 BPSK	1	137	19.17	19.27	19.04	20.50
100	PI/2 BPSK	1	271	19.19	19.34	19.11	20.50
100	PI/2 BPSK	135	0	19.11	19.23	19.09	20.50
100	PI/2 BPSK	135	69	19.44	19.56	19.46	20.50
100	PI/2 BPSK	135	138	19.14	19.25	19.02	20.50
100	PI/2 BPSK	270	0	19.39	19.53	19.42	20.50
100	QPSK	1	1	19.26	19.37	19.18	20.50
100	QPSK	1	137	19.12	19.22	19.00	20.50
100	QPSK	1	271	19.22	19.33	19.22	20.50
100	QPSK	135	0	19.02	19.24	19.02	20.50
100	QPSK	135	69	19.14	19.24	19.12	20.50
100	QPSK	135	138	19.18	19.37	19.19	20.50
100	QPSK	270	0	19.05	19.27	19.16	20.50
100	16QAM	1	1	19.10	19.22	18.98	20.50
100	64QAM	1	1	19.20	19.34	19.13	20.50
100	256QAM	1	1	19.20	19.41	19.21	20.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	19.37	19.44	19.36	20.50
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	19.38	19.46	19.34	20.50
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	19.38	19.50	19.40	20.50
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	19.38	19.51	19.39	20.50
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	19.45	19.50	19.46	20.50
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	19.41	19.54	19.45	20.50
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	19.36	19.43	19.42	20.50
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	19.42	19.56	19.44	20.50

【FR1 n41__FCC_HPUE_Ant 0_Hotspot on】

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	19.52	19.58	19.51	20.50
100	PI/2 BPSK	1	137	19.13	19.22	19.13	20.50
100	PI/2 BPSK	1	271	19.24	19.35	19.21	20.50
100	PI/2 BPSK	135	0	19.04	19.20	19.08	20.50
100	PI/2 BPSK	135	69	19.49	19.56	19.46	20.50
100	PI/2 BPSK	135	138	19.04	19.17	18.95	20.50
100	PI/2 BPSK	270	0	19.41	19.54	19.42	20.50
100	QPSK	1	1	19.19	19.30	19.14	20.50
100	QPSK	1	137	19.17	19.26	19.16	20.50
100	QPSK	1	271	19.13	19.34	19.17	20.50
100	QPSK	135	0	19.14	19.28	19.18	20.50
100	QPSK	135	69	19.04	19.19	19.04	20.50
100	QPSK	135	138	19.27	19.35	19.15	20.50
100	QPSK	270	0	19.14	19.32	19.20	20.50
100	16QAM	1	1	19.04	19.23	19.04	20.50
100	64QAM	1	1	19.16	19.36	19.26	20.50
100	256QAM	1	1	19.22	19.41	19.23	20.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	19.43	19.45	19.46	20.50
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	19.43	19.54	19.42	20.50
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	19.45	19.48	19.41	20.50
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	19.41	19.45	19.46	20.50
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	19.48	19.53	19.49	20.50
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	19.46	19.52	19.48	20.50
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	19.37	19.50	19.41	20.50
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	19.50	19.48	19.41	20.50

【FR1 n41__FCC_Ant 1_Sensor off】

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	23.15	23.17	23.10	24.00
100	PI/2 BPSK	1	137	22.92	23.08	22.90	24.00
100	PI/2 BPSK	1	271	22.92	23.04	22.93	24.00
100	PI/2 BPSK	135	0	22.97	23.00	22.87	24.00
100	PI/2 BPSK	135	69	22.97	23.10	22.80	24.00
100	PI/2 BPSK	135	138	22.89	23.03	22.86	24.00
100	PI/2 BPSK	270	0	22.97	23.13	22.94	24.00
100	QPSK	1	1	23.04	23.13	23.00	24.00
100	QPSK	1	137	23.07	23.24	23.09	24.00
100	QPSK	1	271	23.13	23.20	23.03	24.00
100	QPSK	135	0	23.01	23.12	22.95	24.00
100	QPSK	135	69	23.02	23.16	22.94	24.00
100	QPSK	135	138	23.01	23.08	22.88	24.00
100	QPSK	270	0	22.98	23.09	23.00	24.00
100	16QAM	1	1	23.00	23.06	22.97	24.00
100	64QAM	1	1	23.01	23.12	22.92	24.00
100	256QAM	1	1	22.70	22.73	22.58	23.50
Channel				508200	518598	528996	Tune-up limit



	Frequency (MHz)			2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	23.14	23.10	23.09	24.00
	Channel			507204	518598	529998	Tune-up limit
	Frequency (MHz)			2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	23.02	23.12	23.05	24.00
	Channel			506202	518598	531000	Tune-up limit
	Frequency (MHz)			2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	23.11	23.05	22.99	24.00
	Channel			505200	518598	531996	Tune-up limit
	Frequency (MHz)			2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	23.02	23.04	22.95	24.00
	Channel			504204	518598	532998	Tune-up limit
	Frequency (MHz)			2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	23.03	23.05	23.09	24.00
	Channel			503202	518598	534000	Tune-up limit
	Frequency (MHz)			2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	23.09	23.11	22.96	24.00
	Channel			502200	518598	534996	Tune-up limit
	Frequency (MHz)			2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	23.06	23.07	23.07	24.00
	Channel			501204	518598	535998	Tune-up limit
	Frequency (MHz)			2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	23.03	23.12	23.09	24.00

【FR1 n41__FCC_HPUE_Ant 1_Sensor off】

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	25.51	26.34	26.30	27.00
100	PI/2 BPSK	1	137	25.43	26.31	26.18	27.00
100	PI/2 BPSK	1	271	25.01	25.63	25.52	27.00
100	PI/2 BPSK	135	0	25.26	26.12	26.07	26.50
100	PI/2 BPSK	135	69	25.45	26.30	26.24	27.00
100	PI/2 BPSK	135	138	25.27	26.14	26.01	26.50
100	PI/2 BPSK	270	0	25.16	26.09	25.94	26.50
100	QPSK	1	1	25.01	25.87	25.71	27.00
100	QPSK	1	137	25.51	26.50	26.30	27.00
100	QPSK	1	271	25.00	25.52	25.47	27.00
100	QPSK	135	0	24.00	24.71	24.55	26.00
100	QPSK	135	69	25.26	26.16	26.09	27.00
100	QPSK	135	138	24.00	24.82	24.70	26.00
100	QPSK	270	0	24.01	24.87	24.77	26.00
100	16QAM	1	1	24.01	24.28	24.18	26.00
100	64QAM	1	1	22.50	23.27	23.13	24.50
100	256QAM	1	1	21.26	21.98	21.90	22.50
	Channel			508200	518598	528996	Tune-up limit
	Frequency (MHz)			2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	25.43	26.27	26.15	27.00
	Channel			507204	518598	529998	Tune-up limit
	Frequency (MHz)			2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	25.39	26.28	26.16	27.00
	Channel			506202	518598	531000	Tune-up limit
	Frequency (MHz)			2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	25.38	26.31	26.27	27.00
	Channel			505200	518598	531996	Tune-up limit
	Frequency (MHz)			2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	25.49	26.30	26.25	27.00
	Channel			504204	518598	532998	Tune-up limit
	Frequency (MHz)			2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	25.47	26.19	26.21	27.00
	Channel			503202	518598	534000	Tune-up limit
	Frequency (MHz)			2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	25.39	26.32	26.27	27.00
	Channel			502200	518598	534996	Tune-up limit
	Frequency (MHz)			2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	25.38	26.22	26.18	27.00
	Channel			501204	518598	535998	Tune-up limit
	Frequency (MHz)			2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	25.49	26.31	26.15	27.00



【FR1 n41_FCC_Ant 1_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.15	23.17	23.10	24.00
100	PI/2 BPSK	1	137	22.92	23.08	22.90	24.00
100	PI/2 BPSK	1	271	22.92	23.04	22.93	24.00
100	PI/2 BPSK	135	0	22.97	23.00	22.87	24.00
100	PI/2 BPSK	135	69	22.97	23.10	23.00	24.00
100	PI/2 BPSK	135	138	22.89	23.03	22.86	24.00
100	PI/2 BPSK	270	0	22.97	23.13	22.94	24.00
100	QPSK	1	1	23.04	23.13	23.00	24.00
100	QPSK	1	137	23.07	23.24	23.09	24.00
100	QPSK	1	271	23.13	23.20	23.03	24.00
100	QPSK	135	0	23.01	23.12	22.95	24.00
100	QPSK	135	69	23.02	23.16	22.94	24.00
100	QPSK	135	138	23.01	23.08	22.88	24.00
100	QPSK	270	0	22.98	23.09	23.00	24.00
100	16QAM	1	1	23.00	23.06	22.97	24.00
100	64QAM	1	1	23.01	23.12	22.92	24.00
100	256QAM	1	1	22.70	22.73	22.58	23.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.14	23.10	23.09	24.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.02	23.12	23.05	24.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	23.11	23.05	22.99	24.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.02	23.04	22.95	24.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.03	23.05	23.09	24.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.09	23.11	22.96	24.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.06	23.07	23.07	24.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.03	23.12	23.09	24.00

【FR1 n41_FCC_HPUE_Ant 1_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	25.51	26.34	26.30	27.00
100	PI/2 BPSK	1	137	25.43	26.31	26.18	27.00
100	PI/2 BPSK	1	271	25.01	25.63	25.52	27.00
100	PI/2 BPSK	135	0	25.26	26.12	26.07	26.50
100	PI/2 BPSK	135	69	25.45	26.30	26.24	27.00
100	PI/2 BPSK	135	138	25.27	26.14	26.01	26.50
100	PI/2 BPSK	270	0	25.16	26.09	25.94	26.50
100	QPSK	1	1	25.01	25.87	25.71	27.00
100	QPSK	1	137	25.51	26.50	26.30	27.00
100	QPSK	1	271	25.00	25.52	25.47	27.00
100	QPSK	135	0	24.00	24.71	24.55	26.00
100	QPSK	135	69	25.26	26.16	26.09	27.00
100	QPSK	135	138	24.00	24.82	24.70	26.00
100	QPSK	270	0	24.01	24.87	24.77	26.00
100	16QAM	1	1	24.01	24.28	24.18	26.00
100	64QAM	1	1	22.50	23.27	23.13	24.50
100	256QAM	1	1	21.26	21.98	21.90	22.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	25.43	26.27	26.15	27.00



Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	25.39	26.28	26.16	27.00
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	25.38	26.31	26.27	27.00
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	25.49	26.30	26.25	27.00
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	25.47	26.19	26.21	27.00
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	25.39	26.32	26.27	27.00
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	25.38	26.22	26.18	27.00
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	25.49	26.31	26.15	27.00

【FR1 n41__FCC_Ant 1_Sensor on】

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	19.22	19.28	19.26	20.00
100	PI/2 BPSK	1	137	18.93	19.12	19.08	20.00
100	PI/2 BPSK	1	271	18.94	19.10	18.94	20.00
100	PI/2 BPSK	135	0	18.87	19.08	19.00	20.00
100	PI/2 BPSK	135	69	19.16	19.23	19.19	20.00
100	PI/2 BPSK	135	138	18.94	19.06	18.95	20.00
100	PI/2 BPSK	270	0	19.13	19.22	19.11	20.00
100	QPSK	1	1	19.05	19.12	19.03	20.00
100	QPSK	1	137	19.04	19.17	19.03	20.00
100	QPSK	1	271	18.83	19.04	19.00	20.00
100	QPSK	135	0	19.07	19.17	19.08	20.00
100	QPSK	135	69	19.06	19.16	19.08	20.00
100	QPSK	135	138	18.99	19.12	19.06	20.00
100	QPSK	270	0	18.89	19.03	18.93	20.00
100	16QAM	1	1	18.99	19.14	19.01	20.00
100	64QAM	1	1	19.01	19.11	18.97	20.00
100	256QAM	1	1	18.95	19.10	18.96	20.00
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	19.17	19.27	19.12	20.00
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	19.17	19.24	19.21	20.00
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	19.11	19.25	19.22	20.00
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	19.11	19.19	19.24	20.00
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	19.19	19.18	19.25	20.00
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	19.16	19.25	19.14	20.00
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	19.08	19.19	19.24	20.00
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	19.13	19.19	19.17	20.00

【FR1 n41__FCC_Ant 1_Hotspot on】

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	19.22	19.28	19.26	20.00
100	PI/2 BPSK	1	137	18.93	19.12	19.08	20.00
100	PI/2 BPSK	1	271	18.94	19.10	18.94	20.00
100	PI/2 BPSK	135	0	18.87	19.08	19.00	20.00
100	PI/2 BPSK	135	69	19.16	19.23	19.19	20.00
100	PI/2 BPSK	135	138	18.94	19.06	18.95	20.00
100	PI/2 BPSK	270	0	19.13	19.22	19.11	20.00
100	QPSK	1	1	19.05	19.12	19.03	20.00
100	QPSK	1	137	19.04	19.17	19.03	20.00
100	QPSK	1	271	18.83	19.04	19.00	20.00
100	QPSK	135	0	19.07	19.17	19.08	20.00
100	QPSK	135	69	19.06	19.16	19.08	20.00
100	QPSK	135	138	18.99	19.12	19.06	20.00
100	QPSK	270	0	18.89	19.03	18.93	20.00
100	16QAM	1	1	18.99	19.14	19.01	20.00
100	64QAM	1	1	19.01	19.11	18.97	20.00
100	256QAM	1	1	18.95	19.10	18.96	20.00
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	19.17	19.27	19.12	20.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	19.17	19.24	19.21	20.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	19.11	19.25	19.22	20.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	19.11	19.19	19.24	20.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	19.19	19.18	19.25	20.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	19.16	19.25	19.14	20.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	19.08	19.19	19.24	20.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	19.13	19.19	19.17	20.00

【FR1 n41__FCC_HPUE_Ant 1_Sensor on】

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	19.22	19.28	19.26	20.00
100	PI/2 BPSK	1	137	18.93	19.12	19.08	20.00
100	PI/2 BPSK	1	271	18.94	19.10	18.94	20.00
100	PI/2 BPSK	135	0	18.87	19.08	19.00	20.00
100	PI/2 BPSK	135	69	19.16	19.23	19.19	20.00
100	PI/2 BPSK	135	138	18.94	19.06	18.95	20.00
100	PI/2 BPSK	270	0	19.13	19.22	19.11	20.00
100	QPSK	1	1	19.05	19.12	19.03	20.00
100	QPSK	1	137	19.04	19.17	19.03	20.00
100	QPSK	1	271	18.83	19.04	19.00	20.00
100	QPSK	135	0	19.07	19.17	19.08	20.00
100	QPSK	135	69	19.06	19.16	19.08	20.00
100	QPSK	135	138	18.99	19.12	19.06	20.00
100	QPSK	270	0	18.89	19.03	18.93	20.00
100	16QAM	1	1	18.99	19.14	19.01	20.00
100	64QAM	1	1	19.01	19.11	18.97	20.00
100	256QAM	1	1	18.95	19.10	18.96	20.00
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	



FCC SAR Test Report

Report No. : FA5O1601

90	PI/2 BPSK	1	1	19.17	19.27	19.12	20.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	19.17	19.24	19.21	20.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	19.11	19.25	19.22	20.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	19.11	19.19	19.24	20.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	19.19	19.18	19.25	20.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	19.16	19.25	19.14	20.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	19.08	19.19	19.24	20.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	19.13	19.19	19.17	20.00

【FR1 n41__FCC_HPUE_Ant 1_Hotspot on】

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	19.22	19.28	19.26	20.00
100	PI/2 BPSK	1	137	18.93	19.12	19.08	20.00
100	PI/2 BPSK	1	271	18.94	19.10	18.94	20.00
100	PI/2 BPSK	135	0	18.87	19.08	19.00	20.00
100	PI/2 BPSK	135	69	19.16	19.23	19.19	20.00
100	PI/2 BPSK	135	138	18.94	19.06	18.95	20.00
100	PI/2 BPSK	270	0	19.13	19.22	19.11	20.00
100	QPSK	1	1	19.05	19.12	19.03	20.00
100	QPSK	1	137	19.04	19.17	19.03	20.00
100	QPSK	1	271	18.83	19.04	19.00	20.00
100	QPSK	135	0	19.07	19.17	19.08	20.00
100	QPSK	135	69	19.06	19.16	19.08	20.00
100	QPSK	135	138	18.99	19.12	19.06	20.00
100	QPSK	270	0	18.89	19.03	18.93	20.00
100	16QAM	1	1	18.99	19.14	19.01	20.00
100	64QAM	1	1	19.01	19.11	18.97	20.00
100	256QAM	1	1	18.95	19.10	18.96	20.00
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	19.17	19.27	19.12	20.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	19.17	19.24	19.21	20.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	19.11	19.25	19.22	20.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	19.11	19.19	19.24	20.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	19.19	19.18	19.25	20.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	19.16	19.25	19.14	20.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	19.08	19.19	19.24	20.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	19.13	19.19	19.17	20.00



【FR1 n41_FCC_Ant 4_Sensor off】

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	21.85	22.27	22.14	23.00
100	PI/2 BPSK	1	137	21.72	22.22	22.05	23.00
100	PI/2 BPSK	1	271	21.82	22.26	21.99	23.00
100	PI/2 BPSK	135	0	21.43	21.98	21.78	23.00
100	PI/2 BPSK	135	69	21.76	22.21	22.06	23.00
100	PI/2 BPSK	135	138	21.73	22.18	21.95	23.00
100	PI/2 BPSK	270	0	21.63	22.16	21.97	23.00
100	QPSK	1	1	21.57	22.00	21.72	23.00
100	QPSK	1	137	21.75	22.19	21.99	23.00
100	QPSK	1	271	21.57	22.13	21.88	23.00
100	QPSK	135	0	21.64	22.15	22.00	23.00
100	QPSK	135	69	21.73	22.27	22.09	23.00
100	QPSK	135	138	21.67	22.15	21.90	23.00
100	QPSK	270	0	21.70	22.22	22.00	23.00
100	16QAM	1	1	21.67	22.11	21.94	23.00
100	64QAM	1	1	21.75	22.24	21.99	23.00
100	256QAM	1	1	21.16	21.62	21.48	22.00
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	21.79	22.19	22.10	23.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	21.76	22.22	22.07	23.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	21.83	22.22	22.08	23.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	21.80	22.16	22.12	23.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	21.78	22.20	22.03	23.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	21.72	22.25	22.09	23.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	21.80	22.23	22.08	23.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	21.76	22.24	22.04	23.00

【FR1 n41_FCC_HPUE_Ant 4_Sensor off】

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	24.86	25.27	25.13	26.00
100	PI/2 BPSK	1	137	24.77	25.22	24.94	26.00
100	PI/2 BPSK	1	271	24.75	25.23	24.97	26.00
100	PI/2 BPSK	135	0	24.72	25.22	25.07	26.00
100	PI/2 BPSK	135	69	24.81	25.26	25.08	26.00
100	PI/2 BPSK	135	138	24.77	25.26	25.03	26.00
100	PI/2 BPSK	270	0	24.68	25.18	24.95	26.00
100	QPSK	1	1	24.59	25.10	24.81	26.00
100	QPSK	1	137	24.72	25.26	25.02	26.00
100	QPSK	1	271	24.09	24.63	24.38	26.00
100	QPSK	135	0	24.13	24.61	24.42	26.00
100	QPSK	135	69	24.85	25.37	25.11	26.00
100	QPSK	135	138	24.69	25.20	24.99	26.00
100	QPSK	270	0	24.68	25.20	25.01	26.00
100	16QAM	1	1	24.00	24.51	24.24	25.00
100	64QAM	1	1	22.53	23.00	22.75	24.50
100	256QAM	1	1	21.29	21.65	21.48	22.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	24.85	25.23	25.07	26.00



Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	24.81	25.23	25.06	26.00
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	24.74	25.25	24.99	26.00
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	24.72	25.24	25.10	26.00
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	24.76	25.23	24.99	26.00
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	24.74	25.15	25.12	26.00
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	24.78	25.13	25.11	26.00
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	24.78	25.13	25.07	26.00

【FR1 n41__FCC_Ant 4_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	21.85	22.27	22.14	23.00
100	PI/2 BPSK	1	137	21.72	22.22	22.05	23.00
100	PI/2 BPSK	1	271	21.82	22.26	21.99	23.00
100	PI/2 BPSK	135	0	21.43	21.98	21.78	23.00
100	PI/2 BPSK	135	69	21.76	22.21	22.06	23.00
100	PI/2 BPSK	135	138	21.73	22.18	21.95	23.00
100	PI/2 BPSK	270	0	21.63	22.16	21.97	23.00
100	QPSK	1	1	21.57	22.00	21.72	23.00
100	QPSK	1	137	21.75	22.19	21.99	23.00
100	QPSK	1	271	21.57	22.13	21.88	23.00
100	QPSK	135	0	21.64	22.15	22.00	23.00
100	QPSK	135	69	21.73	22.27	22.09	23.00
100	QPSK	135	138	21.67	22.15	21.90	23.00
100	QPSK	270	0	21.70	22.22	22.00	23.00
100	16QAM	1	1	21.67	22.11	21.94	23.00
100	64QAM	1	1	21.75	22.24	21.99	23.00
100	256QAM	1	1	21.16	21.62	21.48	22.00
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	21.79	22.19	22.10	23.00
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	21.76	22.22	22.07	23.00
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	21.83	22.22	22.08	23.00
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	21.80	22.16	22.12	23.00
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	21.78	22.20	22.03	23.00
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	21.72	22.25	22.09	23.00
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	21.80	22.23	22.08	23.00
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	21.76	22.24	22.04	23.00

【FR1 n41__FCC_HPUE_Ant 4_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	24.86	25.27	25.13	26.00
100	PI/2 BPSK	1	137	24.77	25.22	24.94	26.00
100	PI/2 BPSK	1	271	24.75	25.23	24.97	26.00
100	PI/2 BPSK	135	0	24.72	25.22	25.07	26.00
100	PI/2 BPSK	135	69	24.81	25.26	25.08	26.00
100	PI/2 BPSK	135	138	24.77	25.26	25.03	26.00
100	PI/2 BPSK	270	0	24.68	25.18	24.95	26.00
100	QPSK	1	1	24.59	25.10	24.81	26.00
100	QPSK	1	137	24.72	25.26	25.02	26.00
100	QPSK	1	271	24.09	24.63	24.38	26.00
100	QPSK	135	0	24.13	24.61	24.42	26.00
100	QPSK	135	69	24.85	25.37	25.11	26.00
100	QPSK	135	138	24.69	25.20	24.99	26.00
100	QPSK	270	0	24.68	25.20	25.01	26.00
100	16QAM	1	1	24.00	24.51	24.24	25.00
100	64QAM	1	1	22.53	23.00	22.75	24.50
100	256QAM	1	1	21.29	21.65	21.48	22.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	24.85	25.23	25.07	26.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	24.81	25.23	25.06	26.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	24.74	25.25	24.99	26.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	24.72	25.24	25.10	26.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	24.76	25.23	24.99	26.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	24.74	25.15	25.12	26.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	24.78	25.13	25.11	26.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	24.78	25.13	25.07	26.00

【FR1 n41__FCC_Ant 4_Sensor on】

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	21.85	22.27	22.14	23.00
100	PI/2 BPSK	1	137	21.72	22.22	22.05	23.00
100	PI/2 BPSK	1	271	21.82	22.26	21.99	23.00
100	PI/2 BPSK	135	0	21.43	21.98	21.78	23.00
100	PI/2 BPSK	135	69	21.76	22.21	22.06	23.00
100	PI/2 BPSK	135	138	21.73	22.18	21.95	23.00
100	PI/2 BPSK	270	0	21.63	22.16	21.97	23.00
100	QPSK	1	1	21.57	22.00	21.72	23.00
100	QPSK	1	137	21.75	22.19	21.99	23.00
100	QPSK	1	271	21.57	22.13	21.88	23.00
100	QPSK	135	0	21.64	22.15	22.00	23.00
100	QPSK	135	69	21.73	22.27	22.09	23.00
100	QPSK	135	138	21.67	22.15	21.90	23.00
100	QPSK	270	0	21.70	22.22	22.00	23.00
100	16QAM	1	1	21.67	22.11	21.94	23.00
100	64QAM	1	1	21.75	22.24	21.99	23.00
100	256QAM	1	1	21.16	21.62	21.48	22.00
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	



90	PI/2 BPSK	1	1	21.79	22.19	22.10	23.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	21.76	22.22	22.07	23.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	21.83	22.22	22.08	23.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	21.80	22.16	22.12	23.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	21.78	22.20	22.03	23.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	21.72	22.25	22.09	23.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	21.80	22.23	22.08	23.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	21.76	22.24	22.04	23.00

【FR1 n41_FCC_Ant 4_Hotspot on】

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	21.85	22.27	22.14	23.00
100	PI/2 BPSK	1	137	21.72	22.22	22.05	23.00
100	PI/2 BPSK	1	271	21.82	22.26	21.99	23.00
100	PI/2 BPSK	135	0	21.43	21.98	21.78	23.00
100	PI/2 BPSK	135	69	21.76	22.21	22.06	23.00
100	PI/2 BPSK	135	138	21.73	22.18	21.95	23.00
100	PI/2 BPSK	270	0	21.63	22.16	21.97	23.00
100	QPSK	1	1	21.57	22.00	21.72	23.00
100	QPSK	1	137	21.75	22.19	21.99	23.00
100	QPSK	1	271	21.57	22.13	21.88	23.00
100	QPSK	135	0	21.64	22.15	22.00	23.00
100	QPSK	135	69	21.73	22.27	22.09	23.00
100	QPSK	135	138	21.67	22.15	21.90	23.00
100	QPSK	270	0	21.70	22.22	22.00	23.00
100	16QAM	1	1	21.67	22.11	21.94	23.00
100	64QAM	1	1	21.75	22.24	21.99	23.00
100	256QAM	1	1	21.16	21.62	21.48	22.00
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	21.79	22.19	22.10	23.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	21.76	22.22	22.07	23.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	21.83	22.22	22.08	23.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	21.80	22.16	22.12	23.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	21.78	22.20	22.03	23.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	21.72	22.25	22.09	23.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	21.80	22.23	22.08	23.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	21.76	22.24	22.04	23.00

**【FR1 n41__FCC_HPUE_Ant 4_Sensor on】**

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	23.66	23.71	23.68	24.50
100	PI/2 BPSK	1	137	23.50	23.61	23.48	24.50
100	PI/2 BPSK	1	271	23.44	23.64	23.56	24.50
100	PI/2 BPSK	135	0	23.51	23.62	23.54	24.50
100	PI/2 BPSK	135	69	23.49	23.68	23.62	24.50
100	PI/2 BPSK	135	138	23.54	23.65	23.60	24.50
100	PI/2 BPSK	270	0	23.43	23.61	23.56	24.50
100	QPSK	1	1	23.47	23.58	23.50	24.50
100	QPSK	1	137	23.42	23.55	23.46	24.50
100	QPSK	1	271	23.50	23.56	23.52	24.50
100	QPSK	135	0	23.41	23.51	23.40	24.50
100	QPSK	135	69	23.46	23.59	23.45	24.50
100	QPSK	135	138	23.38	23.54	23.49	24.50
100	QPSK	270	0	23.48	23.55	23.47	24.50
100	16QAM	1	1	23.46	23.58	23.46	24.50
100	64QAM	1	1	23.40	23.50	23.44	24.50
100	256QAM	1	1	21.50	21.56	21.51	22.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.61	23.69	23.65	24.50
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.61	23.62	23.54	24.50
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	23.62	23.64	23.57	24.50
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.58	23.67	23.63	24.50
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.52	23.69	23.59	24.50
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.56	23.65	23.59	24.50
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.65	23.58	23.62	24.50
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.60	23.68	23.54	24.50

【FR1 n41__FCC_HPUE_Ant 4_Hotspot on】

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	23.66	23.71	23.68	24.50
100	PI/2 BPSK	1	137	23.50	23.61	23.48	24.50
100	PI/2 BPSK	1	271	23.44	23.64	23.56	24.50
100	PI/2 BPSK	135	0	23.51	23.62	23.54	24.50
100	PI/2 BPSK	135	69	23.49	23.68	23.62	24.50
100	PI/2 BPSK	135	138	23.54	23.65	23.60	24.50
100	PI/2 BPSK	270	0	23.43	23.61	23.56	24.50
100	QPSK	1	1	23.47	23.58	23.50	24.50
100	QPSK	1	137	23.42	23.55	23.46	24.50
100	QPSK	1	271	23.50	23.56	23.52	24.50
100	QPSK	135	0	23.41	23.51	23.40	24.50
100	QPSK	135	69	23.46	23.59	23.45	24.50
100	QPSK	135	138	23.38	23.54	23.49	24.50
100	QPSK	270	0	23.48	23.55	23.47	24.50
100	16QAM	1	1	23.46	23.58	23.46	24.50
100	64QAM	1	1	23.40	23.50	23.44	24.50
100	256QAM	1	1	21.50	21.56	21.51	22.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.61	23.69	23.65	24.50



Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	23.61	23.62	23.54	24.50
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	23.62	23.64	23.57	24.50
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	23.58	23.67	23.63	24.50
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	23.52	23.69	23.59	24.50
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	23.56	23.65	23.59	24.50
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	23.65	23.58	23.62	24.50
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	23.60	23.68	23.54	24.50

【FR1 n48__FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant 5_Sensor off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	21.11	21.49	21.27	22.00
40	PI/2 BPSK	1	53	20.90	21.45	21.14	22.00
40	PI/2 BPSK	1	104	20.86	21.26	21.18	22.00
40	PI/2 BPSK	50	0	20.87	21.28	21.00	22.00
40	PI/2 BPSK	50	28	20.92	21.35	21.10	22.00
40	PI/2 BPSK	50	56	21.04	21.30	21.30	22.00
40	PI/2 BPSK	100	0	21.17	21.42	21.21	22.00
40	QPSK	1	1	20.95	21.45	21.11	22.00
40	QPSK	1	53	21.08	21.52	21.36	22.00
40	QPSK	1	104	21.24	21.39	21.29	22.00
40	QPSK	50	0	20.98	21.24	21.12	22.00
40	QPSK	50	28	21.03	21.28	21.29	22.00
40	QPSK	50	56	21.03	21.32	21.32	22.00
40	QPSK	100	0	21.09	21.53	21.17	22.00
40	16QAM	1	1	21.11	21.40	21.35	22.00
40	64QAM	1	1	20.86	21.26	21.18	22.00
40	256QAM	1	1	19.53	19.83	19.74	20.50
Channel				637668	641666	645666	Tune-up limit
Frequency (MHz)				3565.02	3624.99	3684.99	(dBm)
30	PI/2 BPSK	1	1	21.06	21.37	21.21	22.00
Channel				637334	641666	646000	Tune-up limit
Frequency (MHz)				3560.01	3624.99	3690	(dBm)
20	PI/2 BPSK	1	1	20.98	21.45	21.14	22.00

【FR1 n48__FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant 5_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	21.11	21.49	21.27	22.00
40	PI/2 BPSK	1	53	20.90	21.45	21.14	22.00
40	PI/2 BPSK	1	104	20.86	21.26	21.18	22.00
40	PI/2 BPSK	50	0	20.87	21.28	21.00	22.00
40	PI/2 BPSK	50	28	20.92	21.35	21.10	22.00
40	PI/2 BPSK	50	56	21.04	21.30	21.30	22.00
40	PI/2 BPSK	100	0	21.17	21.42	21.21	22.00
40	QPSK	1	1	20.95	21.45	21.11	22.00
40	QPSK	1	53	21.08	21.52	21.36	22.00
40	QPSK	1	104	21.24	21.39	21.29	22.00
40	QPSK	50	0	20.98	21.24	21.12	22.00
40	QPSK	50	28	21.03	21.28	21.29	22.00
40	QPSK	50	56	21.03	21.32	21.32	22.00



40	QPSK	100	0	21.09	21.53	21.17	22.00
40	16QAM	1	1	21.11	21.40	21.35	22.00
40	64QAM	1	1	20.86	21.26	21.18	22.00
40	256QAM	1	1	19.53	19.83	19.74	20.50
Channel				637668	641666	645666	Tune-up limit
Frequency (MHz)				3565.02	3624.99	3684.99	(dBm)
30	PI/2 BPSK	1	1	21.06	21.37	21.21	22.00
Channel				637334	641666	646000	Tune-up limit
Frequency (MHz)				3560.01	3624.99	3690	(dBm)
20	PI/2 BPSK	1	1	20.98	21.45	21.14	22.00

【FR1 n48_FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant 5_Sensor on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	15.42	15.45	15.41	16.00
40	PI/2 BPSK	1	53	15.02	15.15	15.00	16.00
40	PI/2 BPSK	1	104	14.97	15.06	14.96	16.00
40	PI/2 BPSK	50	0	15.10	15.18	15.03	16.00
40	PI/2 BPSK	50	28	15.39	15.42	15.37	16.00
40	PI/2 BPSK	50	56	15.09	15.13	15.06	16.00
40	PI/2 BPSK	100	0	15.33	15.37	15.31	16.00
40	QPSK	1	1	14.94	15.11	15.01	16.00
40	QPSK	1	53	15.12	15.16	14.97	16.00
40	QPSK	1	104	15.04	15.11	14.96	16.00
40	QPSK	50	0	14.98	15.09	14.93	16.00
40	QPSK	50	28	15.04	15.10	15.04	16.00
40	QPSK	50	56	15.01	15.11	15.05	16.00
40	QPSK	100	0	14.85	15.03	14.85	16.00
40	16QAM	1	1	14.99	15.08	14.94	16.00
40	64QAM	1	1	15.07	15.16	15.11	16.00
40	256QAM	1	1	15.02	15.07	14.90	16.00
Channel				637668	641666	645666	Tune-up limit
Frequency (MHz)				3565.02	3624.99	3684.99	(dBm)
30	PI/2 BPSK	1	1	15.41	15.33	15.36	16.00
Channel				637334	641666	646000	Tune-up limit
Frequency (MHz)				3560.01	3624.99	3690	(dBm)
20	PI/2 BPSK	1	1	15.31	15.39	15.35	16.00

【FR1 n48_FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant 5_Hotspot on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	15.42	15.45	15.41	16.00
40	PI/2 BPSK	1	53	15.02	15.15	15.00	16.00
40	PI/2 BPSK	1	104	14.97	15.06	14.96	16.00
40	PI/2 BPSK	50	0	15.10	15.18	15.03	16.00
40	PI/2 BPSK	50	28	15.39	15.42	15.37	16.00
40	PI/2 BPSK	50	56	15.09	15.13	15.06	16.00
40	PI/2 BPSK	100	0	15.33	15.37	15.31	16.00
40	QPSK	1	1	14.94	15.11	15.01	16.00
40	QPSK	1	53	15.12	15.16	14.97	16.00
40	QPSK	1	104	15.04	15.11	14.96	16.00
40	QPSK	50	0	14.98	15.09	14.93	16.00
40	QPSK	50	28	15.04	15.10	15.04	16.00
40	QPSK	50	56	15.01	15.11	15.05	16.00
40	QPSK	100	0	14.85	15.03	14.85	16.00
40	16QAM	1	1	14.99	15.08	14.94	16.00
40	64QAM	1	1	15.07	15.16	15.11	16.00
40	256QAM	1	1	15.02	15.07	14.90	16.00
Channel				637668	641666	645666	Tune-up limit
Frequency (MHz)				3565.02	3624.99	3684.99	(dBm)
30	PI/2 BPSK	1	1	15.41	15.33	15.36	16.00
Channel				637334	641666	646000	Tune-up limit
Frequency (MHz)				3560.01	3624.99	3690	(dBm)
20	PI/2 BPSK	1	1	15.31	15.39	15.35	16.00

【FR1 n48__FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant 7_Sensor off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	21.12	21.51	21.38	22.00
40	PI/2 BPSK	1	53	20.97	21.34	21.36	22.00
40	PI/2 BPSK	1	104	21.16	21.44	21.33	22.00
40	PI/2 BPSK	50	0	20.97	21.42	21.22	22.00
40	PI/2 BPSK	50	28	21.10	21.48	21.28	22.00
40	PI/2 BPSK	50	56	20.99	21.44	21.20	22.00
40	PI/2 BPSK	100	0	21.16	21.50	21.43	22.00
40	QPSK	1	1	21.08	21.43	21.34	22.00
40	QPSK	1	53	21.09	21.53	21.43	22.00
40	QPSK	1	104	21.21	21.65	21.32	22.00
40	QPSK	50	0	20.91	21.35	21.34	22.00
40	QPSK	50	28	20.99	21.33	21.34	22.00
40	QPSK	50	56	21.13	21.46	21.35	22.00
40	QPSK	100	0	20.99	21.57	21.25	22.00
40	16QAM	1	1	21.08	21.41	21.37	22.00
40	64QAM	1	1	20.97	21.34	21.36	22.00
40	256QAM	1	1	20.06	20.38	20.27	21.50
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	21.00	21.37	21.23	22.00
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	21.11	21.44	21.35	22.00

【FR1 n48__FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant 7_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	21.12	21.51	21.38	22.00
40	PI/2 BPSK	1	53	20.97	21.34	21.36	22.00
40	PI/2 BPSK	1	104	21.16	21.44	21.33	22.00
40	PI/2 BPSK	50	0	20.97	21.42	21.22	22.00
40	PI/2 BPSK	50	28	21.10	21.48	21.28	22.00
40	PI/2 BPSK	50	56	20.99	21.44	21.20	22.00
40	PI/2 BPSK	100	0	21.16	21.50	21.43	22.00
40	QPSK	1	1	21.08	21.43	21.34	22.00
40	QPSK	1	53	21.09	21.53	21.43	22.00
40	QPSK	1	104	21.21	21.65	21.32	22.00
40	QPSK	50	0	20.91	21.35	21.34	22.00
40	QPSK	50	28	20.99	21.33	21.34	22.00
40	QPSK	50	56	21.13	21.46	21.35	22.00
40	QPSK	100	0	20.99	21.57	21.25	22.00
40	16QAM	1	1	21.08	21.41	21.37	22.00
40	64QAM	1	1	20.97	21.34	21.36	22.00
40	256QAM	1	1	20.06	20.38	20.27	21.50
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	21.00	21.37	21.23	22.00
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	21.11	21.44	21.35	22.00

**【FR1 n48__FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant 7_Sensor on】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	17.92	17.98	17.94	19.00
40	PI/2 BPSK	1	53	17.59	17.71	17.56	19.00
40	PI/2 BPSK	1	104	17.60	17.69	17.56	19.00
40	PI/2 BPSK	50	0	17.63	17.74	17.65	19.00
40	PI/2 BPSK	50	28	17.88	17.97	17.87	19.00
40	PI/2 BPSK	50	56	17.64	17.77	17.62	19.00
40	PI/2 BPSK	100	0	17.83	17.90	17.81	19.00
40	QPSK	1	1	17.62	17.74	17.69	19.00
40	QPSK	1	53	17.67	17.78	17.60	19.00
40	QPSK	1	104	17.59	17.77	17.71	19.00
40	QPSK	50	0	17.55	17.68	17.55	19.00
40	QPSK	50	28	17.62	17.72	17.53	19.00
40	QPSK	50	56	17.57	17.67	17.55	19.00
40	QPSK	100	0	17.48	17.64	17.54	19.00
40	16QAM	1	1	17.63	17.77	17.67	19.00
40	64QAM	1	1	17.47	17.67	17.59	19.00
40	256QAM	1	1	17.68	17.81	17.65	19.00
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	17.79	17.92	17.81	19.00
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	17.82	17.97	17.81	19.00

【FR1 n48__FCC_Part 96 IC_RSS-192 (3550~3700MHz)_Ant 7_Hotspot on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	17.92	17.98	17.94	19.00
40	PI/2 BPSK	1	53	17.59	17.71	17.56	19.00
40	PI/2 BPSK	1	104	17.60	17.69	17.56	19.00
40	PI/2 BPSK	50	0	17.63	17.74	17.65	19.00
40	PI/2 BPSK	50	28	17.88	17.97	17.87	19.00
40	PI/2 BPSK	50	56	17.64	17.77	17.62	19.00
40	PI/2 BPSK	100	0	17.83	17.90	17.81	19.00
40	QPSK	1	1	17.62	17.74	17.69	19.00
40	QPSK	1	53	17.67	17.78	17.60	19.00
40	QPSK	1	104	17.59	17.77	17.71	19.00
40	QPSK	50	0	17.55	17.68	17.55	19.00
40	QPSK	50	28	17.62	17.72	17.53	19.00
40	QPSK	50	56	17.57	17.67	17.55	19.00
40	QPSK	100	0	17.48	17.64	17.54	19.00
40	16QAM	1	1	17.63	17.77	17.67	19.00
40	64QAM	1	1	17.47	17.67	17.59	19.00
40	256QAM	1	1	17.68	17.81	17.65	19.00
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	17.79	17.92	17.81	19.00
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	17.82	17.97	17.81	19.00

【FR1 n66_Ant 0_Sensor off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				345000	349000	353000	
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	22.83	22.88	22.81	24.00
30	PI/2 BPSK	1	80	22.68	22.75	22.66	24.00
30	PI/2 BPSK	1	158	22.64	22.79	22.65	24.00
30	PI/2 BPSK	80	0	22.57	22.72	22.51	24.00
30	PI/2 BPSK	80	40	22.64	22.83	22.71	24.00
30	PI/2 BPSK	80	80	22.59	22.77	22.65	24.00
30	PI/2 BPSK	160	0	22.68	22.79	22.67	24.00
30	QPSK	1	1	22.73	22.80	22.65	24.00
30	QPSK	1	80	22.52	22.71	22.60	24.00
30	QPSK	1	158	22.64	22.74	22.56	24.00
30	QPSK	80	0	22.59	22.76	22.66	24.00
30	QPSK	80	40	22.66	22.82	22.71	24.00
30	QPSK	80	80	22.56	22.74	22.58	24.00
30	QPSK	160	0	22.68	22.79	22.62	24.00
30	16QAM	1	1	22.58	22.75	22.58	24.00
30	64QAM	1	1	21.80	21.86	21.65	23.00
30	256QAM	1	1	19.25	19.42	19.28	20.50
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	22.82	22.84	22.79	24.00
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	22.81	22.83	22.69	24.00
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	22.77	22.75	22.68	24.00
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	22.75	22.74	22.58	24.00
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	22.68	22.79	22.61	24.00

【FR1 n66_Ant 0_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				345000	349000	353000	
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	23.33	23.38	23.31	24.50
30	PI/2 BPSK	1	80	23.18	23.25	23.16	24.50
30	PI/2 BPSK	1	158	23.14	23.29	23.15	24.50
30	PI/2 BPSK	80	0	23.07	23.22	23.01	24.50
30	PI/2 BPSK	80	40	23.14	23.33	23.21	24.50
30	PI/2 BPSK	80	80	23.09	23.27	23.15	24.50
30	PI/2 BPSK	160	0	23.18	23.29	23.17	24.50
30	QPSK	1	1	23.23	23.30	23.15	24.50
30	QPSK	1	80	23.02	23.21	23.10	24.50
30	QPSK	1	158	23.14	23.24	23.06	24.50
30	QPSK	80	0	23.09	23.26	23.16	24.50
30	QPSK	80	40	23.16	23.32	23.21	24.50
30	QPSK	80	80	23.06	23.24	23.08	24.50
30	QPSK	160	0	23.18	23.29	23.12	24.50
30	16QAM	1	1	23.08	23.25	23.08	24.50
30	64QAM	1	1	22.30	22.36	22.15	23.50
30	256QAM	1	1	19.75	19.92	19.78	21.00
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	23.22	23.30	23.29	24.50
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	23.31	23.33	23.19	24.50
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	23.21	23.30	23.30	24.50
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	



10	PI/2 BPSK	1	1	23.23	23.37	23.22	24.50
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	23.18	23.29	23.17	24.50

【FR1 n66_Ant 0_Sensor on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	15.89	15.95	15.88	17.00
30	PI/2 BPSK	1	80	15.81	15.88	15.79	17.00
30	PI/2 BPSK	1	158	15.67	15.85	15.71	17.00
30	PI/2 BPSK	80	0	15.75	15.89	15.67	17.00
30	PI/2 BPSK	80	40	15.83	15.91	15.71	17.00
30	PI/2 BPSK	80	80	15.73	15.87	15.70	17.00
30	PI/2 BPSK	160	0	15.63	15.82	15.63	17.00
30	QPSK	1	1	15.67	15.86	15.65	17.00
30	QPSK	1	80	15.72	15.81	15.67	17.00
30	QPSK	1	158	15.59	15.75	15.58	17.00
30	QPSK	80	0	15.71	15.79	15.69	17.00
30	QPSK	80	40	15.64	15.76	15.58	17.00
30	QPSK	80	80	15.73	15.82	15.65	17.00
30	QPSK	160	0	15.66	15.83	15.70	17.00
30	16QAM	1	1	15.70	15.80	15.62	17.00
30	64QAM	1	1	15.69	15.86	15.66	17.00
30	256QAM	1	1	15.65	15.81	15.62	17.00
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	15.86	15.87	15.85	17.00
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	15.86	15.92	15.84	17.00
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	15.83	15.87	15.83	17.00
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	15.71	15.86	15.74	17.00
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	15.79	15.90	15.73	17.00

【FR1 n66_Ant 0_Hotspot on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	15.89	15.95	15.88	17.00
30	PI/2 BPSK	1	80	15.81	15.88	15.79	17.00
30	PI/2 BPSK	1	158	15.67	15.85	15.71	17.00
30	PI/2 BPSK	80	0	15.75	15.89	15.67	17.00
30	PI/2 BPSK	80	40	15.83	15.91	15.71	17.00
30	PI/2 BPSK	80	80	15.73	15.87	15.70	17.00
30	PI/2 BPSK	160	0	15.63	15.82	15.63	17.00
30	QPSK	1	1	15.67	15.86	15.65	17.00
30	QPSK	1	80	15.72	15.81	15.67	17.00
30	QPSK	1	158	15.59	15.75	15.58	17.00
30	QPSK	80	0	15.71	15.79	15.69	17.00
30	QPSK	80	40	15.64	15.76	15.58	17.00
30	QPSK	80	80	15.73	15.82	15.65	17.00
30	QPSK	160	0	15.66	15.83	15.70	17.00
30	16QAM	1	1	15.70	15.80	15.62	17.00
30	64QAM	1	1	15.69	15.86	15.66	17.00
30	256QAM	1	1	15.65	15.81	15.62	17.00
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	15.86	15.87	15.85	17.00
Channel				344000	349000	354000	Tune-up limit

Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	15.86	15.92	15.84	17.00
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	15.83	15.87	15.83	17.00
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	15.71	15.86	15.74	17.00
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	15.79	15.90	15.73	17.00

【FR1 n66_Ant 1_Sensor off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				345000	349000	353000	
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	23.28	23.32	23.25	24.00
30	PI/2 BPSK	1	80	23.17	23.26	23.11	24.00
30	PI/2 BPSK	1	158	23.05	23.24	23.11	24.00
30	PI/2 BPSK	80	0	22.76	22.86	22.77	23.50
30	PI/2 BPSK	80	40	23.18	23.26	23.15	24.00
30	PI/2 BPSK	80	80	22.74	22.81	22.67	23.50
30	PI/2 BPSK	160	0	22.65	22.82	22.61	23.50
30	QPSK	1	1	23.07	23.25	23.08	24.00
30	QPSK	1	80	23.05	23.22	23.12	24.00
30	QPSK	1	158	23.00	23.18	23.05	24.00
30	QPSK	80	0	22.28	22.35	22.20	23.00
30	QPSK	80	40	23.13	23.19	23.05	24.00
30	QPSK	80	80	22.17	22.26	22.11	23.00
30	QPSK	160	0	22.11	22.21	22.05	23.00
30	16QAM	1	1	22.12	22.25	22.16	23.00
30	64QAM	1	1	20.77	20.85	20.77	21.50
30	256QAM	1	1	18.76	18.88	18.79	19.50
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	23.18	23.26	23.11	24.00
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	23.25	23.30	23.28	24.00
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	23.24	23.26	23.24	24.00
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	23.11	23.17	23.23	24.00
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	23.16	23.26	23.22	24.00

【FR1 n66_Ant 1_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				345000	349000	353000	
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	23.28	23.32	23.25	24.00
30	PI/2 BPSK	1	80	23.17	23.26	23.11	24.00
30	PI/2 BPSK	1	158	23.05	23.24	23.11	24.00
30	PI/2 BPSK	80	0	22.76	22.86	22.77	23.50
30	PI/2 BPSK	80	40	23.18	23.26	23.15	24.00
30	PI/2 BPSK	80	80	22.74	22.81	22.67	23.50
30	PI/2 BPSK	160	0	22.65	22.82	22.61	23.50
30	QPSK	1	1	23.07	23.25	23.08	24.00
30	QPSK	1	80	23.05	23.22	23.12	24.00
30	QPSK	1	158	23.00	23.18	23.05	24.00
30	QPSK	80	0	22.28	22.35	22.20	23.00
30	QPSK	80	40	23.13	23.19	23.05	24.00
30	QPSK	80	80	22.17	22.26	22.11	23.00
30	QPSK	160	0	22.11	22.21	22.05	23.00



30	16QAM	1	1	22.12	22.25	22.16	23.00
30	64QAM	1	1	20.77	20.85	20.77	21.50
30	256QAM	1	1	18.76	18.88	18.79	19.50
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	23.18	23.26	23.11	24.00
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	23.25	23.30	23.28	24.00
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	23.24	23.26	23.24	24.00
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	23.11	23.17	23.23	24.00
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	23.16	23.26	23.22	24.00

【FR1 n66_Ant 1_Sensor on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				345000	349000	353000	
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	18.82	18.88	18.86	19.50
30	PI/2 BPSK	1	80	18.65	18.82	18.78	19.50
30	PI/2 BPSK	1	158	18.70	18.85	18.69	19.50
30	PI/2 BPSK	80	0	18.69	18.81	18.65	19.50
30	PI/2 BPSK	80	40	18.73	18.83	18.77	19.50
30	PI/2 BPSK	80	80	18.60	18.78	18.69	19.50
30	PI/2 BPSK	160	0	18.56	18.72	18.66	19.50
30	QPSK	1	1	18.59	18.76	18.69	19.50
30	QPSK	1	80	18.61	18.71	18.67	19.50
30	QPSK	1	158	18.62	18.73	18.62	19.50
30	QPSK	80	0	18.62	18.70	18.56	19.50
30	QPSK	80	40	18.54	18.68	18.56	19.50
30	QPSK	80	80	18.56	18.66	18.62	19.50
30	QPSK	160	0	18.57	18.65	18.55	19.50
30	16QAM	1	1	18.53	18.63	18.54	19.50
30	64QAM	1	1	18.54	18.69	18.58	19.50
30	256QAM	1	1	18.45	18.62	18.55	19.50
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	18.76	18.84	18.74	19.50
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	18.78	18.83	18.75	19.50
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	18.68	18.71	18.62	19.50
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	18.76	18.72	18.71	19.50
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	18.75	18.76	18.73	19.50

【FR1 n66_Ant 1_Hotspot on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				345000	349000	353000	
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	18.82	18.88	18.86	19.50
30	PI/2 BPSK	1	80	18.65	18.82	18.78	19.50
30	PI/2 BPSK	1	158	18.70	18.85	18.69	19.50
30	PI/2 BPSK	80	0	18.69	18.81	18.65	19.50
30	PI/2 BPSK	80	40	18.73	18.83	18.77	19.50
30	PI/2 BPSK	80	80	18.60	18.78	18.69	19.50
30	PI/2 BPSK	160	0	18.56	18.72	18.66	19.50
30	QPSK	1	1	18.59	18.76	18.69	19.50
30	QPSK	1	80	18.61	18.71	18.67	19.50
30	QPSK	1	158	18.62	18.73	18.62	19.50
30	QPSK	80	0	18.62	18.70	18.56	19.50
30	QPSK	80	40	18.54	18.68	18.56	19.50
30	QPSK	80	80	18.56	18.66	18.62	19.50
30	QPSK	160	0	18.57	18.65	18.55	19.50
30	16QAM	1	1	18.53	18.63	18.54	19.50
30	64QAM	1	1	18.54	18.69	18.58	19.50
30	256QAM	1	1	18.45	18.62	18.55	19.50
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	18.76	18.84	18.74	19.50
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	18.78	18.83	18.75	19.50
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	18.68	18.71	18.62	19.50
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	18.76	18.72	18.71	19.50
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	18.75	18.76	18.73	19.50

【FR1 n66_Ant 4_Sensor off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				345000	349000	353000	
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	23.43	23.50	23.48	24.00
30	PI/2 BPSK	1	80	23.27	23.42	23.37	24.00
30	PI/2 BPSK	1	158	23.35	23.49	23.41	24.00
30	PI/2 BPSK	80	0	23.29	23.41	23.34	24.00
30	PI/2 BPSK	80	40	23.32	23.45	23.34	24.00
30	PI/2 BPSK	80	80	23.19	23.34	23.31	24.00
30	PI/2 BPSK	160	0	23.20	23.39	23.28	24.00
30	QPSK	1	1	23.23	23.36	23.20	24.00
30	QPSK	1	80	23.23	23.33	23.21	24.00
30	QPSK	1	158	23.18	23.37	23.21	24.00
30	QPSK	80	0	23.11	23.31	23.24	24.00
30	QPSK	80	40	23.27	23.38	23.29	24.00
30	QPSK	80	80	23.17	23.34	23.30	24.00
30	QPSK	160	0	23.17	23.36	23.21	24.00
30	16QAM	1	1	23.18	23.31	23.25	24.00
30	64QAM	1	1	21.92	22.02	21.89	22.50
30	256QAM	1	1	19.89	19.98	19.91	20.50
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	23.37	23.44	23.43	24.00
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	23.45	23.46	23.30	24.00
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	23.31	23.31	23.18	24.00
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	



10	PI/2 BPSK	1	1	23.33	23.41	23.16	24.00
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	23.34	23.36	23.21	24.00

【FR1 n66_Ant 4_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				345000	349000	353000	
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	23.43	23.50	23.48	24.00
30	PI/2 BPSK	1	80	23.27	23.42	23.37	24.00
30	PI/2 BPSK	1	158	23.35	23.49	23.41	24.00
30	PI/2 BPSK	80	0	23.29	23.41	23.34	24.00
30	PI/2 BPSK	80	40	23.32	23.45	23.34	24.00
30	PI/2 BPSK	80	80	23.19	23.34	23.31	24.00
30	PI/2 BPSK	160	0	23.20	23.39	23.28	24.00
30	QPSK	1	1	23.23	23.36	23.20	24.00
30	QPSK	1	80	23.23	23.33	23.21	24.00
30	QPSK	1	158	23.18	23.37	23.21	24.00
30	QPSK	80	0	23.11	23.31	23.24	24.00
30	QPSK	80	40	23.27	23.38	23.29	24.00
30	QPSK	80	80	23.17	23.34	23.30	24.00
30	QPSK	160	0	23.17	23.36	23.21	24.00
30	16QAM	1	1	23.18	23.31	23.25	24.00
30	64QAM	1	1	21.92	22.02	21.89	22.50
30	256QAM	1	1	19.89	19.98	19.91	20.50
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	23.37	23.44	23.43	24.00
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	23.45	23.46	23.30	24.00
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	23.31	23.31	23.18	24.00
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	23.33	23.41	23.16	24.00
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	23.34	23.36	23.21	24.00

【FR1 n66_Ant 4_Sensor on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				345000	349000	353000	
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	23.43	23.50	23.48	24.00
30	PI/2 BPSK	1	80	23.27	23.42	23.37	24.00
30	PI/2 BPSK	1	158	23.35	23.49	23.41	24.00
30	PI/2 BPSK	80	0	23.29	23.41	23.34	24.00
30	PI/2 BPSK	80	40	23.32	23.45	23.34	24.00
30	PI/2 BPSK	80	80	23.19	23.34	23.31	24.00
30	PI/2 BPSK	160	0	23.20	23.39	23.28	24.00
30	QPSK	1	1	23.23	23.36	23.20	24.00
30	QPSK	1	80	23.23	23.33	23.21	24.00
30	QPSK	1	158	23.18	23.37	23.21	24.00
30	QPSK	80	0	23.11	23.31	23.24	24.00
30	QPSK	80	40	23.27	23.38	23.29	24.00
30	QPSK	80	80	23.17	23.34	23.30	24.00
30	QPSK	160	0	23.17	23.36	23.21	24.00
30	16QAM	1	1	23.18	23.31	23.25	24.00
30	64QAM	1	1	21.92	22.02	21.89	22.50
30	256QAM	1	1	19.89	19.98	19.91	20.50
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	23.37	23.44	23.43	24.00
Channel				344000	349000	354000	Tune-up limit

Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	23.45	23.46	23.30	24.00
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	23.31	23.31	23.18	24.00
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	23.33	23.41	23.16	24.00
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	23.34	23.36	23.21	24.00

【FR1 n66_Ant 4_Hotspot on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				345000	349000	353000	
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	23.43	23.50	23.48	24.00
30	PI/2 BPSK	1	80	23.27	23.42	23.37	24.00
30	PI/2 BPSK	1	158	23.35	23.49	23.41	24.00
30	PI/2 BPSK	80	0	23.29	23.41	23.34	24.00
30	PI/2 BPSK	80	40	23.32	23.45	23.34	24.00
30	PI/2 BPSK	80	80	23.19	23.34	23.31	24.00
30	PI/2 BPSK	160	0	23.20	23.39	23.28	24.00
30	QPSK	1	1	23.23	23.36	23.20	24.00
30	QPSK	1	80	23.23	23.33	23.21	24.00
30	QPSK	1	158	23.18	23.37	23.21	24.00
30	QPSK	80	0	23.11	23.31	23.24	24.00
30	QPSK	80	40	23.27	23.38	23.29	24.00
30	QPSK	80	80	23.17	23.34	23.30	24.00
30	QPSK	160	0	23.17	23.36	23.21	24.00
30	16QAM	1	1	23.18	23.31	23.25	24.00
30	64QAM	1	1	21.92	22.02	21.89	22.50
30	256QAM	1	1	19.89	19.98	19.91	20.50
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	23.37	23.44	23.43	24.00
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	23.45	23.46	23.30	24.00
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	23.31	23.31	23.18	24.00
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	23.33	23.41	23.16	24.00
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	23.34	23.36	23.21	24.00

【FR1 n71_Ant 0_Sensor off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				134600	136100	137600	
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	23.35	23.20	23.18	24.00
20	PI/2 BPSK	1	53	23.29	23.16	22.99	24.00
20	PI/2 BPSK	1	104	23.17	23.07	22.97	24.00
20	PI/2 BPSK	50	0	23.08	23.08	23.05	24.00
20	PI/2 BPSK	50	28	23.26	23.19	23.14	24.00
20	PI/2 BPSK	50	56	23.20	23.18	23.06	24.00
20	PI/2 BPSK	100	0	23.08	23.08	23.02	24.00
20	QPSK	1	1	23.34	23.23	23.19	24.00
20	QPSK	1	53	23.31	23.18	23.12	24.00
20	QPSK	1	104	23.22	23.12	22.96	24.00
20	QPSK	50	0	23.16	23.14	23.07	24.00
20	QPSK	50	28	23.28	23.19	23.16	24.00
20	QPSK	50	56	23.22	23.15	23.11	24.00
20	QPSK	100	0	23.24	23.13	23.08	24.00

20	16QAM	1	1	23.36	23.33	23.24	24.00
20	64QAM	1	1	22.00	21.95	21.89	23.00
20	256QAM	1	1	19.13	19.04	18.88	20.50
Channel				134100	136100	138100	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	23.23	23.14	23.10	24.00
Channel				133600	136100	138600	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	23.24	23.06	23.04	24.00
Channel				133100	136100	139100	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	23.21	23.19	23.11	24.00

【FR1 n71_Ant 0_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				134600	136100	137600	Tune-up limit (dBm)
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	23.35	23.20	23.18	24.00
20	PI/2 BPSK	1	53	23.29	23.16	22.99	24.00
20	PI/2 BPSK	1	104	23.17	23.07	22.97	24.00
20	PI/2 BPSK	50	0	23.08	23.08	23.05	24.00
20	PI/2 BPSK	50	28	23.26	23.19	23.14	24.00
20	PI/2 BPSK	50	56	23.20	23.18	23.06	24.00
20	PI/2 BPSK	100	0	23.08	23.08	23.02	24.00
20	QPSK	1	1	23.34	23.23	23.19	24.00
20	QPSK	1	53	23.31	23.18	23.12	24.00
20	QPSK	1	104	23.22	23.12	22.96	24.00
20	QPSK	50	0	23.16	23.14	23.07	24.00
20	QPSK	50	28	23.28	23.19	23.16	24.00
20	QPSK	50	56	23.22	23.15	23.11	24.00
20	QPSK	100	0	23.24	23.13	23.08	24.00
20	16QAM	1	1	23.36	23.33	23.24	24.00
20	64QAM	1	1	22.00	21.95	21.89	23.00
20	256QAM	1	1	19.13	19.04	18.88	20.50
Channel				134100	136100	138100	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	23.23	23.14	23.10	24.00
Channel				133600	136100	138600	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	23.24	23.06	23.04	24.00
Channel				133100	136100	139100	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	23.21	23.19	23.11	24.00

【FR1 n71_Ant 0_Sensor on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				134600	136100	137600	Tune-up limit (dBm)
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	23.35	23.20	23.18	24.00
20	PI/2 BPSK	1	53	23.29	23.16	22.99	24.00
20	PI/2 BPSK	1	104	23.17	23.07	22.97	24.00
20	PI/2 BPSK	50	0	23.08	23.08	23.05	24.00
20	PI/2 BPSK	50	28	23.26	23.19	23.14	24.00
20	PI/2 BPSK	50	56	23.20	23.18	23.06	24.00
20	PI/2 BPSK	100	0	23.08	23.08	23.02	24.00
20	QPSK	1	1	23.34	23.23	23.19	24.00
20	QPSK	1	53	23.31	23.18	23.12	24.00
20	QPSK	1	104	23.22	23.12	22.96	24.00
20	QPSK	50	0	23.16	23.14	23.07	24.00
20	QPSK	50	28	23.28	23.19	23.16	24.00
20	QPSK	50	56	23.22	23.15	23.11	24.00
20	QPSK	100	0	23.24	23.13	23.08	24.00
20	16QAM	1	1	23.36	23.33	23.24	24.00
20	64QAM	1	1	22.00	21.95	21.89	23.00
20	256QAM	1	1	19.13	19.04	18.88	20.50
Channel				134100	136100	138100	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	



15	PI/2 BPSK	1	1	23.23	23.14	23.10	24.00
Channel				133600	136100	138600	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	23.24	23.06	23.04	24.00
Channel				133100	136100	139100	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	23.21	23.19	23.11	24.00

【FR1 n71_Ant 0_Hotspot on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				134600	136100	137600	Tune-up limit (dBm)
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	23.35	23.20	23.18	24.00
20	PI/2 BPSK	1	53	23.29	23.16	22.99	24.00
20	PI/2 BPSK	1	104	23.17	23.07	22.97	24.00
20	PI/2 BPSK	50	0	23.08	23.08	23.05	24.00
20	PI/2 BPSK	50	28	23.26	23.19	23.14	24.00
20	PI/2 BPSK	50	56	23.20	23.18	23.06	24.00
20	PI/2 BPSK	100	0	23.08	23.08	23.02	24.00
20	QPSK	1	1	23.34	23.23	23.19	24.00
20	QPSK	1	53	23.31	23.18	23.12	24.00
20	QPSK	1	104	23.22	23.12	22.96	24.00
20	QPSK	50	0	23.16	23.14	23.07	24.00
20	QPSK	50	28	23.28	23.19	23.16	24.00
20	QPSK	50	56	23.22	23.15	23.11	24.00
20	QPSK	100	0	23.24	23.13	23.08	24.00
20	16QAM	1	1	23.36	23.33	23.24	24.00
20	64QAM	1	1	22.00	21.95	21.89	23.00
20	256QAM	1	1	19.13	19.04	18.88	20.50
Channel				134100	136100	138100	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	23.23	23.14	23.10	24.00
Channel				133600	136100	138600	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	23.24	23.06	23.04	24.00
Channel				133100	136100	139100	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	23.21	23.19	23.11	24.00

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

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		22.89		24.00
100	PI/2 BPSK	1	137		22.66		24.00
100	PI/2 BPSK	1	271		22.80		24.00
100	PI/2 BPSK	135	0		22.57		24.00
100	PI/2 BPSK	135	69		22.71		24.00
100	PI/2 BPSK	135	138		22.64		24.00
100	PI/2 BPSK	270	0		22.68		24.00
100	QPSK	1	1		22.58		24.00
100	QPSK	1	137		22.80		24.00
100	QPSK	1	271		22.91		24.00
100	QPSK	135	0		22.66		24.00
100	QPSK	135	69		22.73		24.00
100	QPSK	135	138		22.66		24.00
100	QPSK	270	0		22.71		24.00
100	16QAM	1	1		22.72		24.00
100	64QAM	1	1		22.84		24.00
100	256QAM	1	1		22.06		23.00
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	22.56	22.71	22.51	24.00
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	22.43	22.62	22.37	24.00
Channel				631334	633332	635332	Tune-up limit

Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	22.54	22.56	22.49	24.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	22.51	22.66	22.48	24.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	22.49	22.64	22.47	24.00

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

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	22.85	22.99	22.68	24.00
100	PI/2 BPSK	1	137	22.70	22.91	22.46	24.00
100	PI/2 BPSK	1	271	22.65	22.83	22.37	24.00
100	PI/2 BPSK	135	0	22.59	22.82	22.38	24.00
100	PI/2 BPSK	135	69	22.61	22.90	22.46	24.00
100	PI/2 BPSK	135	138	22.58	22.76	22.40	24.00
100	PI/2 BPSK	270	0	22.54	22.78	22.43	24.00
100	QPSK	1	1	22.54	22.82	22.39	24.00
100	QPSK	1	137	22.78	23.06	22.62	24.00
100	QPSK	1	271	22.71	22.88	22.52	24.00
100	QPSK	135	0	22.52	22.80	22.43	24.00
100	QPSK	135	69	22.69	22.95	22.60	24.00
100	QPSK	135	138	22.64	22.79	22.35	24.00
100	QPSK	270	0	22.53	22.77	22.37	24.00
100	16QAM	1	1	22.76	22.95	22.59	24.00
100	64QAM	1	1	22.85	23.02	22.68	24.00
100	256QAM	1	1	22.14	22.31	21.88	23.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	22.70	22.90	22.67	24.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	22.78	22.91	22.57	24.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	22.78	22.85	22.66	24.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	22.74	22.90	22.56	24.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	22.75	22.87	22.60	24.00

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

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		25.83		27.00
100	PI/2 BPSK	1	137		25.74		27.00
100	PI/2 BPSK	1	271		25.74		27.00
100	PI/2 BPSK	135	0		25.64		27.00
100	PI/2 BPSK	135	69		25.71		27.00
100	PI/2 BPSK	135	138		25.66		27.00
100	PI/2 BPSK	270	0		25.75		27.00
100	QPSK	1	1		25.67		27.00
100	QPSK	1	137		25.85		27.00
100	QPSK	1	271		25.96		27.00
100	QPSK	135	0		25.66		27.00
100	QPSK	135	69		25.72		27.00
100	QPSK	135	138		25.71		27.00
100	QPSK	270	0		25.79		27.00
100	16QAM	1	1		25.82		27.00
100	64QAM	1	1		24.41		25.50
100	256QAM	1	1		22.11		23.50

Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	25.51	25.58	25.55	27.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	25.48	25.51	25.48	27.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	25.48	25.52	25.52	27.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	25.50	25.47	25.48	27.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	25.47	25.44	25.42	27.00

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

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	25.82	25.95	25.68	27.00
100	PI/2 BPSK	1	137	25.72	25.91	25.60	27.00
100	PI/2 BPSK	1	271	25.58	25.76	25.38	27.00
100	PI/2 BPSK	135	0	25.61	25.80	25.42	27.00
100	PI/2 BPSK	135	69	25.76	25.93	25.64	27.00
100	PI/2 BPSK	135	138	25.63	25.80	25.45	27.00
100	PI/2 BPSK	270	0	25.67	25.85	25.46	27.00
100	QPSK	1	1	25.70	25.88	25.56	27.00
100	QPSK	1	137	25.81	26.08	25.68	27.00
100	QPSK	1	271	25.75	25.89	25.49	27.00
100	QPSK	135	0	25.66	25.84	25.49	27.00
100	QPSK	135	69	25.68	25.93	25.54	27.00
100	QPSK	135	138	25.66	25.83	25.46	27.00
100	QPSK	270	0	25.59	25.86	25.51	27.00
100	16QAM	1	1	25.73	25.98	25.68	27.00
100	64QAM	1	1	24.27	24.41	24.13	25.50
100	256QAM	1	1	22.13	22.31	22.03	23.50
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	25.68	25.87	25.55	27.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	25.75	25.93	25.61	27.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	25.70	25.85	25.59	27.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	25.74	25.94	25.59	27.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	25.70	25.91	25.61	27.00

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

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		22.89		24.00
100	PI/2 BPSK	1	137		22.66		24.00
100	PI/2 BPSK	1	271		22.80		24.00
100	PI/2 BPSK	135	0		22.57		24.00
100	PI/2 BPSK	135	69		22.71		24.00
100	PI/2 BPSK	135	138		22.64		24.00
100	PI/2 BPSK	270	0		22.68		24.00
100	QPSK	1	1		22.58		24.00
100	QPSK	1	137		22.80		24.00
100	QPSK	1	271		22.91		24.00



100	QPSK	135	0		22.66		24.00
100	QPSK	135	69		22.73		24.00
100	QPSK	135	138		22.66		24.00
100	QPSK	270	0		22.71		24.00
100	16QAM	1	1		22.72		24.00
100	64QAM	1	1		22.84		24.00
100	256QAM	1	1		22.06		23.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	22.56	22.71	22.51	24.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	22.43	22.62	22.37	24.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	22.54	22.56	22.49	24.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	22.51	22.66	22.48	24.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	22.49	22.64	22.47	24.00

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

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	22.85	22.99	22.68	24.00
100	PI/2 BPSK	1	137	22.70	22.91	22.46	24.00
100	PI/2 BPSK	1	271	22.65	22.83	22.37	24.00
100	PI/2 BPSK	135	0	22.59	22.82	22.38	24.00
100	PI/2 BPSK	135	69	22.61	22.90	22.46	24.00
100	PI/2 BPSK	135	138	22.58	22.76	22.40	24.00
100	PI/2 BPSK	270	0	22.54	22.78	22.43	24.00
100	QPSK	1	1	22.54	22.82	22.39	24.00
100	QPSK	1	137	22.78	23.06	22.62	24.00
100	QPSK	1	271	22.71	22.88	22.52	24.00
100	QPSK	135	0	22.52	22.80	22.43	24.00
100	QPSK	135	69	22.69	22.95	22.60	24.00
100	QPSK	135	138	22.64	22.79	22.35	24.00
100	QPSK	270	0	22.53	22.77	22.37	24.00
100	16QAM	1	1	22.76	22.95	22.59	24.00
100	64QAM	1	1	22.85	23.02	22.68	24.00
100	256QAM	1	1	22.14	22.31	21.88	23.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	22.70	22.90	22.67	24.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	22.78	22.91	22.57	24.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	22.78	22.85	22.66	24.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	22.74	22.90	22.56	24.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	22.75	22.87	22.60	24.00

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

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		25.83		27.00
100	PI/2 BPSK	1	137		25.74		27.00
100	PI/2 BPSK	1	271		25.74		27.00
100	PI/2 BPSK	135	0		25.64		27.00
100	PI/2 BPSK	135	69		25.71		27.00
100	PI/2 BPSK	135	138		25.66		27.00
100	PI/2 BPSK	270	0		25.75		27.00
100	QPSK	1	1		25.67		27.00
100	QPSK	1	137		25.85		27.00
100	QPSK	1	271		25.96		27.00
100	QPSK	135	0		25.66		27.00
100	QPSK	135	69		25.72		27.00
100	QPSK	135	138		25.71		27.00
100	QPSK	270	0		25.79		27.00
100	16QAM	1	1		25.82		27.00
100	64QAM	1	1		24.41		25.50
100	256QAM	1	1		22.11		23.50
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	25.51	25.58	25.55	27.00
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	25.48	25.51	25.48	27.00
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	25.48	25.52	25.52	27.00
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	25.50	25.47	25.48	27.00
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	25.47	25.44	25.42	27.00

【FR1 n77 (27O)_FCC_Part 27O (3700~3980MHz)_HPUE_Ant 4_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	25.82	25.95	25.68	27.00
100	PI/2 BPSK	1	137	25.72	25.91	25.60	27.00
100	PI/2 BPSK	1	271	25.58	25.76	25.38	27.00
100	PI/2 BPSK	135	0	25.61	25.80	25.42	27.00
100	PI/2 BPSK	135	69	25.76	25.93	25.64	27.00
100	PI/2 BPSK	135	138	25.63	25.80	25.45	27.00
100	PI/2 BPSK	270	0	25.67	25.85	25.46	27.00
100	QPSK	1	1	25.70	25.88	25.56	27.00
100	QPSK	1	137	25.81	26.08	25.68	27.00
100	QPSK	1	271	25.75	25.89	25.49	27.00
100	QPSK	135	0	25.66	25.84	25.49	27.00
100	QPSK	135	69	25.68	25.93	25.54	27.00
100	QPSK	135	138	25.66	25.83	25.46	27.00
100	QPSK	270	0	25.59	25.86	25.51	27.00
100	16QAM	1	1	25.73	25.98	25.68	27.00
100	64QAM	1	1	24.27	24.41	24.13	25.50
100	256QAM	1	1	22.13	22.31	22.03	23.50
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	25.68	25.87	25.55	27.00
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	25.75	25.93	25.61	27.00
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	25.70	25.85	25.59	27.00
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	



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30	PI/2 BPSK	1	1	25.74	25.94	25.59	27.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	25.70	25.91	25.61	27.00

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

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		16.38		17.50
100	PI/2 BPSK	1	137		16.32		17.50
100	PI/2 BPSK	1	271		16.30		17.50
100	PI/2 BPSK	135	0		16.28		17.50
100	PI/2 BPSK	135	69		16.35		17.50
100	PI/2 BPSK	135	138		16.33		17.50
100	PI/2 BPSK	270	0		16.28		17.50
100	QPSK	1	1		16.21		17.50
100	QPSK	1	137		16.26		17.50
100	QPSK	1	271		16.29		17.50
100	QPSK	135	0		16.24		17.50
100	QPSK	135	69		16.21		17.50
100	QPSK	135	138		16.23		17.50
100	QPSK	270	0		16.27		17.50
100	16QAM	1	1		16.22		17.50
100	64QAM	1	1		16.20		17.50
100	256QAM	1	1		16.24		17.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	16.28	16.32	16.25	17.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	16.19	16.24	16.15	17.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	16.15	16.27	16.17	17.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	16.20	16.28	16.17	17.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	16.19	16.23	16.19	17.50

【FR1 n77 (27O)_FCC_Part 27O (3700~3980MHz)_Ant 4_Sensor on】

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	16.42	16.46	16.39	17.50
100	PI/2 BPSK	1	137	16.16	16.22	16.14	17.50
100	PI/2 BPSK	1	271	16.11	16.20	16.05	17.50
100	PI/2 BPSK	135	0	16.09	16.24	16.14	17.50
100	PI/2 BPSK	135	69	16.38	16.44	16.35	17.50
100	PI/2 BPSK	135	138	15.93	16.11	15.96	17.50
100	PI/2 BPSK	270	0	16.29	16.36	16.27	17.50
100	QPSK	1	1	16.15	16.23	16.12	17.50
100	QPSK	1	137	16.05	16.20	16.10	17.50
100	QPSK	1	271	16.11	16.22	16.13	17.50
100	QPSK	135	0	16.01	16.11	15.91	17.50
100	QPSK	135	69	16.13	16.18	16.07	17.50
100	QPSK	135	138	16.00	16.09	15.89	17.50
100	QPSK	270	0	16.00	16.15	15.98	17.50
100	16QAM	1	1	15.97	16.14	16.01	17.50
100	64QAM	1	1	15.95	16.11	15.92	17.50
100	256QAM	1	1	16.06	16.23	16.02	17.50
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	16.35	16.36	16.37	17.50
Channel				648668	656000	663332	Tune-up limit

Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	16.35	16.39	16.37	17.50
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	16.38	16.40	16.32	17.50
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	16.29	16.33	16.25	17.50
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	16.38	16.32	16.27	17.50

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

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		16.38		17.50
100	PI/2 BPSK	1	137		16.32		17.50
100	PI/2 BPSK	1	271		16.30		17.50
100	PI/2 BPSK	135	0		16.28		17.50
100	PI/2 BPSK	135	69		16.35		17.50
100	PI/2 BPSK	135	138		16.33		17.50
100	PI/2 BPSK	270	0		16.28		17.50
100	QPSK	1	1		16.21		17.50
100	QPSK	1	137		16.26		17.50
100	QPSK	1	271		16.29		17.50
100	QPSK	135	0		16.24		17.50
100	QPSK	135	69		16.21		17.50
100	QPSK	135	138		16.23		17.50
100	QPSK	270	0		16.27		17.50
100	16QAM	1	1		16.22		17.50
100	64QAM	1	1		16.20		17.50
100	256QAM	1	1		16.24		17.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	16.28	16.32	16.25	17.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	16.19	16.24	16.15	17.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	16.15	16.27	16.17	17.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	16.20	16.28	16.17	17.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	16.19	16.23	16.19	17.50

【FR1 n77 (27O)_FCC_Part 27O (3700~3980MHz)_Ant 4_Hotspot on】

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	16.42	16.46	16.39	17.50
100	PI/2 BPSK	1	137	16.16	16.22	16.14	17.50
100	PI/2 BPSK	1	271	16.11	16.20	16.05	17.50
100	PI/2 BPSK	135	0	16.09	16.24	16.14	17.50
100	PI/2 BPSK	135	69	16.38	16.44	16.35	17.50
100	PI/2 BPSK	135	138	15.93	16.11	15.96	17.50
100	PI/2 BPSK	270	0	16.29	16.36	16.27	17.50
100	QPSK	1	1	16.15	16.23	16.12	17.50
100	QPSK	1	137	16.05	16.20	16.10	17.50
100	QPSK	1	271	16.11	16.22	16.13	17.50
100	QPSK	135	0	16.01	16.11	15.91	17.50
100	QPSK	135	69	16.13	16.18	16.07	17.50
100	QPSK	135	138	16.00	16.09	15.89	17.50
100	QPSK	270	0	16.00	16.15	15.98	17.50

100	16QAM	1	1	15.97	16.14	16.01	17.50
100	64QAM	1	1	15.95	16.11	15.92	17.50
100	256QAM	1	1	16.06	16.23	16.02	17.50
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	16.35	16.36	16.37	17.50
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	16.35	16.39	16.37	17.50
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	16.38	16.40	16.32	17.50
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	16.29	16.33	16.25	17.50
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	16.38	16.32	16.27	17.50

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

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		16.38		17.50
100	PI/2 BPSK	1	137		16.32		17.50
100	PI/2 BPSK	1	271		16.30		17.50
100	PI/2 BPSK	135	0		16.28		17.50
100	PI/2 BPSK	135	69		16.35		17.50
100	PI/2 BPSK	135	138		16.33		17.50
100	PI/2 BPSK	270	0		16.28		17.50
100	QPSK	1	1		16.21		17.50
100	QPSK	1	137		16.26		17.50
100	QPSK	1	271		16.29		17.50
100	QPSK	135	0		16.24		17.50
100	QPSK	135	69		16.21		17.50
100	QPSK	135	138		16.23		17.50
100	QPSK	270	0		16.27		17.50
100	16QAM	1	1		16.22		17.50
100	64QAM	1	1		16.20		17.50
100	256QAM	1	1		16.24		17.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	16.28	16.32	16.25	17.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	16.19	16.24	16.15	17.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	16.15	16.27	16.17	17.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	16.20	16.28	16.17	17.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	16.19	16.23	16.19	17.50

【FR1 n77 (27O)_FCC_Part 27O (3700~3980MHz)_HPUE_Ant 4_Sensor on】

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	16.42	16.46	16.39	17.50
100	PI/2 BPSK	1	137	16.16	16.22	16.14	17.50
100	PI/2 BPSK	1	271	16.11	16.20	16.05	17.50
100	PI/2 BPSK	135	0	16.09	16.24	16.14	17.50
100	PI/2 BPSK	135	69	16.38	16.44	16.35	17.50
100	PI/2 BPSK	135	138	15.93	16.11	15.96	17.50
100	PI/2 BPSK	270	0	16.29	16.36	16.27	17.50



100	QPSK	1	1	16.15	16.23	16.12	17.50
100	QPSK	1	137	16.05	16.20	16.10	17.50
100	QPSK	1	271	16.11	16.22	16.13	17.50
100	QPSK	135	0	16.01	16.11	15.91	17.50
100	QPSK	135	69	16.13	16.18	16.07	17.50
100	QPSK	135	138	16.00	16.09	15.89	17.50
100	QPSK	270	0	16.00	16.15	15.98	17.50
100	16QAM	1	1	15.97	16.14	16.01	17.50
100	64QAM	1	1	15.95	16.11	15.92	17.50
100	256QAM	1	1	16.06	16.23	16.02	17.50
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	16.35	16.36	16.37	17.50
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	16.35	16.39	16.37	17.50
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	16.38	16.40	16.32	17.50
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	16.29	16.33	16.25	17.50
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	16.38	16.32	16.27	17.50

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

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		16.31		17.50
100	PI/2 BPSK	1	137		16.23		17.50
100	PI/2 BPSK	1	271		16.14		17.50
100	PI/2 BPSK	135	0		16.20		17.50
100	PI/2 BPSK	135	69		16.24		17.50
100	PI/2 BPSK	135	138		16.12		17.50
100	PI/2 BPSK	270	0		16.22		17.50
100	QPSK	1	1		16.12		17.50
100	QPSK	1	137		16.29		17.50
100	QPSK	1	271		16.21		17.50
100	QPSK	135	0		16.11		17.50
100	QPSK	135	69		16.12		17.50
100	QPSK	135	138		16.16		17.50
100	QPSK	270	0		16.27		17.50
100	16QAM	1	1		16.14		17.50
100	64QAM	1	1		16.15		17.50
100	256QAM	1	1		16.21		17.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	16.21	16.26	16.19	17.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	16.06	16.19	16.12	17.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	16.10	16.16	16.12	17.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	16.18	16.19	16.08	17.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	16.10	16.19	16.14	17.50

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

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	16.42	16.46	16.39	17.50
100	PI/2 BPSK	1	137	16.16	16.22	16.14	17.50
100	PI/2 BPSK	1	271	16.11	16.20	16.05	17.50
100	PI/2 BPSK	135	0	16.09	16.24	16.14	17.50
100	PI/2 BPSK	135	69	16.38	16.44	16.35	17.50
100	PI/2 BPSK	135	138	15.93	16.11	15.96	17.50
100	PI/2 BPSK	270	0	16.29	16.36	16.27	17.50
100	QPSK	1	1	16.15	16.23	16.12	17.50
100	QPSK	1	137	16.05	16.20	16.10	17.50
100	QPSK	1	271	16.11	16.22	16.13	17.50
100	QPSK	135	0	16.01	16.11	15.91	17.50
100	QPSK	135	69	16.13	16.18	16.07	17.50
100	QPSK	135	138	16.00	16.09	15.89	17.50
100	QPSK	270	0	16.00	16.15	15.98	17.50
100	16QAM	1	1	15.97	16.14	16.01	17.50
100	64QAM	1	1	15.95	16.11	15.92	17.50
100	256QAM	1	1	16.06	16.23	16.02	17.50
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	16.35	16.36	16.37	17.50
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	16.35	16.39	16.37	17.50
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	16.38	16.40	16.32	17.50
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	16.29	16.33	16.25	17.50
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	16.38	16.32	16.27	17.50

【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 5_Sensor off】

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		20.06		21.00
100	PI/2 BPSK	1	137		19.74		21.00
100	PI/2 BPSK	1	271		19.93		21.00
100	PI/2 BPSK	135	0		19.63		21.00
100	PI/2 BPSK	135	69		19.98		21.00
100	PI/2 BPSK	135	138		19.75		21.00
100	PI/2 BPSK	270	0		19.94		21.00
100	QPSK	1	1		19.79		21.00
100	QPSK	1	137		19.97		21.00
100	QPSK	1	271		19.72		21.00
100	QPSK	135	0		19.80		21.00
100	QPSK	135	69		19.65		21.00
100	QPSK	135	138		19.69		21.00
100	QPSK	270	0		19.81		21.00
100	16QAM	1	1		20.03		21.00
100	64QAM	1	1		19.96		21.00
100	256QAM	1	1		19.93		21.00
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	19.89	19.99	19.86	21.00
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	19.75	19.89	19.80	21.00
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	19.84	19.98	19.77	21.00
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	



30	PI/2 BPSK	1	1	19.85	19.84	19.78	21.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	19.79	19.96	19.79	21.00

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

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	Tune-up limit
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	20.21	20.27	20.23	21.00
100	PI/2 BPSK	1	137	20.08	20.19	19.80	21.00
100	PI/2 BPSK	1	271	19.99	20.09	19.81	21.00
100	PI/2 BPSK	135	0	20.17	20.14	19.76	21.00
100	PI/2 BPSK	135	69	20.16	20.23	20.14	21.00
100	PI/2 BPSK	135	138	20.16	20.21	19.84	21.00
100	PI/2 BPSK	270	0	20.07	20.04	19.76	21.00
100	QPSK	1	1	20.16	20.31	19.91	21.00
100	QPSK	1	137	20.24	20.30	20.00	21.00
100	QPSK	1	271	20.17	20.13	19.90	21.00
100	QPSK	135	0	19.88	20.11	19.81	21.00
100	QPSK	135	69	20.11	20.08	19.89	21.00
100	QPSK	135	138	20.10	20.08	19.71	21.00
100	QPSK	270	0	19.92	20.02	19.76	21.00
100	16QAM	1	1	20.12	20.16	20.02	21.00
100	64QAM	1	1	19.91	20.11	19.96	21.00
100	256QAM	1	1	19.96	20.09	20.03	21.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	20.19	20.14	20.10	21.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	20.13	20.18	20.18	21.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	20.13	20.21	20.18	21.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	20.20	20.23	20.10	21.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	20.16	20.17	20.10	21.00

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

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
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		20.06		21.00
100	PI/2 BPSK	1	137		19.74		21.00
100	PI/2 BPSK	1	271		19.93		21.00
100	PI/2 BPSK	135	0		19.63		21.00
100	PI/2 BPSK	135	69		19.98		21.00
100	PI/2 BPSK	135	138		19.75		21.00
100	PI/2 BPSK	270	0		19.94		21.00
100	QPSK	1	1		19.79		21.00
100	QPSK	1	137		19.97		21.00
100	QPSK	1	271		19.72		21.00
100	QPSK	135	0		19.80		21.00
100	QPSK	135	69		19.65		21.00
100	QPSK	135	138		19.69		21.00
100	QPSK	270	0		19.81		21.00
100	16QAM	1	1		20.03		21.00
100	64QAM	1	1		19.96		21.00
100	256QAM	1	1		19.93		21.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	19.89	19.99	19.86	21.00
Channel				632000	633332	634666	Tune-up limit

Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	19.75	19.89	19.80	21.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	19.84	19.98	19.77	21.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	19.85	19.84	19.78	21.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	19.79	19.96	19.79	21.00

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

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	20.21	20.27	20.23	21.00
100	PI/2 BPSK	1	137	20.08	20.19	19.80	21.00
100	PI/2 BPSK	1	271	19.99	20.09	19.81	21.00
100	PI/2 BPSK	135	0	20.17	20.14	19.76	21.00
100	PI/2 BPSK	135	69	20.16	20.23	20.14	21.00
100	PI/2 BPSK	135	138	20.16	20.21	19.84	21.00
100	PI/2 BPSK	270	0	20.07	20.04	19.76	21.00
100	QPSK	1	1	20.16	20.31	19.91	21.00
100	QPSK	1	137	20.24	20.30	20.00	21.00
100	QPSK	1	271	20.17	20.13	19.90	21.00
100	QPSK	135	0	19.88	20.11	19.81	21.00
100	QPSK	135	69	20.11	20.08	19.89	21.00
100	QPSK	135	138	20.10	20.08	19.71	21.00
100	QPSK	270	0	19.92	20.02	19.76	21.00
100	16QAM	1	1	20.12	20.16	20.02	21.00
100	64QAM	1	1	19.91	20.11	19.96	21.00
100	256QAM	1	1	19.96	20.09	20.03	21.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	20.19	20.14	20.10	21.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	20.13	20.18	20.18	21.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	20.13	20.21	20.18	21.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	20.20	20.23	20.10	21.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	20.16	20.17	20.10	21.00

【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 5_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		20.06		21.00
100	PI/2 BPSK	1	137		19.74		21.00
100	PI/2 BPSK	1	271		19.93		21.00
100	PI/2 BPSK	135	0		19.63		21.00
100	PI/2 BPSK	135	69		19.98		21.00
100	PI/2 BPSK	135	138		19.75		21.00
100	PI/2 BPSK	270	0		19.94		21.00
100	QPSK	1	1		19.79		21.00
100	QPSK	1	137		19.97		21.00
100	QPSK	1	271		19.72		21.00
100	QPSK	135	0		19.80		21.00
100	QPSK	135	69		19.65		21.00
100	QPSK	135	138		19.69		21.00
100	QPSK	270	0		19.81		21.00



100	16QAM	1	1		20.03		21.00
100	64QAM	1	1		19.96		21.00
100	256QAM	1	1		19.93		21.00
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	19.89	19.99	19.86	21.00
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	19.75	19.89	19.80	21.00
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	19.84	19.98	19.77	21.00
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	19.85	19.84	19.78	21.00
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	19.79	19.96	19.79	21.00

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

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	20.21	20.27	20.23	21.00
100	PI/2 BPSK	1	137	20.08	20.19	19.80	21.00
100	PI/2 BPSK	1	271	19.99	20.09	19.81	21.00
100	PI/2 BPSK	135	0	20.17	20.14	19.76	21.00
100	PI/2 BPSK	135	69	20.16	20.23	20.14	21.00
100	PI/2 BPSK	135	138	20.16	20.21	19.84	21.00
100	PI/2 BPSK	270	0	20.07	20.04	19.76	21.00
100	QPSK	1	1	20.16	20.31	19.91	21.00
100	QPSK	1	137	20.24	20.30	20.00	21.00
100	QPSK	1	271	20.17	20.13	19.90	21.00
100	QPSK	135	0	19.88	20.11	19.81	21.00
100	QPSK	135	69	20.11	20.08	19.89	21.00
100	QPSK	135	138	20.10	20.08	19.71	21.00
100	QPSK	270	0	19.92	20.02	19.76	21.00
100	16QAM	1	1	20.12	20.16	20.02	21.00
100	64QAM	1	1	19.91	20.11	19.96	21.00
100	256QAM	1	1	19.96	20.09	20.03	21.00
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	20.19	20.14	20.10	21.00
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	20.13	20.18	20.18	21.00
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	20.13	20.21	20.18	21.00
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	20.20	20.23	20.10	21.00
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	20.16	20.17	20.10	21.00

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

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		20.06		21.00
100	PI/2 BPSK	1	137		19.74		21.00
100	PI/2 BPSK	1	271		19.93		21.00
100	PI/2 BPSK	135	0		19.63		21.00
100	PI/2 BPSK	135	69		19.98		21.00
100	PI/2 BPSK	135	138		19.75		21.00
100	PI/2 BPSK	270	0		19.94		21.00



100	QPSK	1	1		19.79		21.00
100	QPSK	1	137		19.97		21.00
100	QPSK	1	271		19.72		21.00
100	QPSK	135	0		19.80		21.00
100	QPSK	135	69		19.65		21.00
100	QPSK	135	138		19.69		21.00
100	QPSK	270	0		19.81		21.00
100	16QAM	1	1		20.03		21.00
100	64QAM	1	1		19.96		21.00
100	256QAM	1	1		19.93		21.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	19.89	19.99	19.86	21.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	19.75	19.89	19.80	21.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	19.84	19.98	19.77	21.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	19.85	19.84	19.78	21.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	19.79	19.96	19.79	21.00

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

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	20.21	20.27	20.23	21.00
100	PI/2 BPSK	1	137	20.08	20.19	19.80	21.00
100	PI/2 BPSK	1	271	19.99	20.09	19.81	21.00
100	PI/2 BPSK	135	0	20.17	20.14	19.76	21.00
100	PI/2 BPSK	135	69	20.16	20.23	20.14	21.00
100	PI/2 BPSK	135	138	20.16	20.21	19.84	21.00
100	PI/2 BPSK	270	0	20.07	20.04	19.76	21.00
100	QPSK	1	1	20.16	20.31	19.91	21.00
100	QPSK	1	137	20.24	20.30	20.00	21.00
100	QPSK	1	271	20.17	20.13	19.90	21.00
100	QPSK	135	0	19.88	20.11	19.81	21.00
100	QPSK	135	69	20.11	20.08	19.89	21.00
100	QPSK	135	138	20.10	20.08	19.71	21.00
100	QPSK	270	0	19.92	20.02	19.76	21.00
100	16QAM	1	1	20.12	20.16	20.02	21.00
100	64QAM	1	1	19.91	20.11	19.96	21.00
100	256QAM	1	1	19.96	20.09	20.03	21.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	20.19	20.14	20.10	21.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	20.13	20.18	20.18	21.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	20.13	20.21	20.18	21.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	20.20	20.23	20.10	21.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	20.16	20.17	20.10	21.00

**【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 5_Sensor on】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		12.98		14.00
100	PI/2 BPSK	1	137		12.68		14.00
100	PI/2 BPSK	1	271		12.65		14.00
100	PI/2 BPSK	135	0		12.65		14.00
100	PI/2 BPSK	135	69		12.94		14.00
100	PI/2 BPSK	135	138		12.74		14.00
100	PI/2 BPSK	270	0		12.74		14.00
100	QPSK	1	1		12.63		14.00
100	QPSK	1	137		12.75		14.00
100	QPSK	1	271		12.67		14.00
100	QPSK	135	0		12.78		14.00
100	QPSK	135	69		12.70		14.00
100	QPSK	135	138		12.72		14.00
100	QPSK	270	0		12.66		14.00
100	16QAM	1	1		12.78		14.00
100	64QAM	1	1		12.77		14.00
100	256QAM	1	1		12.71		14.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	12.81	12.93	12.83	14.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	12.80	12.78	12.81	14.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	12.70	12.89	12.70	14.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	12.74	12.82	12.76	14.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	12.69	12.87	12.70	14.00

【FR1 n77 (27O)_FCC_Part 27O (3700~3980MHz)_Ant 5_Sensor on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	13.21	13.31	13.26	14.00
100	PI/2 BPSK	1	137	12.87	13.05	12.91	14.00
100	PI/2 BPSK	1	271	12.97	13.15	13.04	14.00
100	PI/2 BPSK	135	0	12.92	13.16	12.97	14.00
100	PI/2 BPSK	135	69	13.20	13.24	13.22	14.00
100	PI/2 BPSK	135	138	12.94	13.10	12.99	14.00
100	PI/2 BPSK	270	0	13.16	13.21	13.17	14.00
100	QPSK	1	1	13.04	13.16	12.99	14.00
100	QPSK	1	137	12.96	13.10	13.00	14.00
100	QPSK	1	271	12.94	13.06	12.88	14.00
100	QPSK	135	0	13.01	13.17	13.02	14.00
100	QPSK	135	69	12.91	13.15	13.02	14.00
100	QPSK	135	138	12.86	13.07	13.00	14.00
100	QPSK	270	0	12.91	13.13	13.00	14.00
100	16QAM	1	1	12.93	13.05	12.98	14.00
100	64QAM	1	1	12.91	13.11	12.95	14.00
100	256QAM	1	1	12.96	13.17	13.01	14.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	13.07	13.28	13.12	14.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	13.07	13.20	13.15	14.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	13.17	13.27	13.20	14.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)



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30	PI/2 BPSK	1	1	13.16	13.26	13.25	14.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	13.19	13.29	13.19	14.00

【FR1 n77 (27Q)___FCC_Part 27Q (3450~3550MHz)_Ant 5_Hotspot on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		12.98		14.00
100	PI/2 BPSK	1	137		12.68		14.00
100	PI/2 BPSK	1	271		12.65		14.00
100	PI/2 BPSK	135	0		12.65		14.00
100	PI/2 BPSK	135	69		12.94		14.00
100	PI/2 BPSK	135	138		12.74		14.00
100	PI/2 BPSK	270	0		12.74		14.00
100	QPSK	1	1		12.63		14.00
100	QPSK	1	137		12.75		14.00
100	QPSK	1	271		12.67		14.00
100	QPSK	135	0		12.78		14.00
100	QPSK	135	69		12.70		14.00
100	QPSK	135	138		12.72		14.00
100	QPSK	270	0		12.66		14.00
100	16QAM	1	1		12.78		14.00
100	64QAM	1	1		12.77		14.00
100	256QAM	1	1		12.71		14.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	12.81	12.93	12.83	14.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	12.80	12.78	12.81	14.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	12.70	12.89	12.70	14.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	12.74	12.82	12.76	14.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	12.69	12.87	12.70	14.00

【FR1 n77 (27O)___FCC_Part 27O (3700~3980MHz)_Ant 5_Hotspot on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	13.21	13.31	13.26	14.00
100	PI/2 BPSK	1	137	12.87	13.05	12.91	14.00
100	PI/2 BPSK	1	271	12.97	13.15	13.04	14.00
100	PI/2 BPSK	135	0	12.92	13.16	12.97	14.00
100	PI/2 BPSK	135	69	13.20	13.24	13.22	14.00
100	PI/2 BPSK	135	138	12.94	13.10	12.99	14.00
100	PI/2 BPSK	270	0	13.16	13.21	13.17	14.00
100	QPSK	1	1	13.04	13.16	12.99	14.00
100	QPSK	1	137	12.96	13.10	13.00	14.00
100	QPSK	1	271	12.94	13.06	12.88	14.00
100	QPSK	135	0	13.01	13.17	13.02	14.00
100	QPSK	135	69	12.91	13.15	13.02	14.00
100	QPSK	135	138	12.86	13.07	13.00	14.00
100	QPSK	270	0	12.91	13.13	13.00	14.00
100	16QAM	1	1	12.93	13.05	12.98	14.00
100	64QAM	1	1	12.91	13.11	12.95	14.00
100	256QAM	1	1	12.96	13.17	13.01	14.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	13.07	13.28	13.12	14.00
Channel				648668	656000	663332	Tune-up limit

Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	13.07	13.20	13.15	14.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	13.17	13.27	13.20	14.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	13.16	13.26	13.25	14.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	13.19	13.29	13.19	14.00

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

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		12.98		14.00
100	PI/2 BPSK	1	137		12.68		14.00
100	PI/2 BPSK	1	271		12.65		14.00
100	PI/2 BPSK	135	0		12.65		14.00
100	PI/2 BPSK	135	69		12.94		14.00
100	PI/2 BPSK	135	138		12.74		14.00
100	PI/2 BPSK	270	0		12.74		14.00
100	QPSK	1	1		12.63		14.00
100	QPSK	1	137		12.75		14.00
100	QPSK	1	271		12.67		14.00
100	QPSK	135	0		12.78		14.00
100	QPSK	135	69		12.70		14.00
100	QPSK	135	138		12.72		14.00
100	QPSK	270	0		12.66		14.00
100	16QAM	1	1		12.78		14.00
100	64QAM	1	1		12.77		14.00
100	256QAM	1	1		12.71		14.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	12.81	12.93	12.83	14.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	12.80	12.78	12.81	14.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	12.70	12.89	12.70	14.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	12.74	12.82	12.76	14.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	12.69	12.87	12.70	14.00

【FR1 n77 (27O)_FCC_Part 27O (3700~3980MHz)_HPUE_Ant 5_Sensor on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	13.21	13.31	13.26	14.00
100	PI/2 BPSK	1	137	12.87	13.05	12.91	14.00
100	PI/2 BPSK	1	271	12.97	13.15	13.04	14.00
100	PI/2 BPSK	135	0	12.92	13.16	12.97	14.00
100	PI/2 BPSK	135	69	13.20	13.24	13.22	14.00
100	PI/2 BPSK	135	138	12.94	13.10	12.99	14.00
100	PI/2 BPSK	270	0	13.16	13.21	13.17	14.00
100	QPSK	1	1	13.04	13.16	12.99	14.00
100	QPSK	1	137	12.96	13.10	13.00	14.00
100	QPSK	1	271	12.94	13.06	12.88	14.00
100	QPSK	135	0	13.01	13.17	13.02	14.00
100	QPSK	135	69	12.91	13.15	13.02	14.00
100	QPSK	135	138	12.86	13.07	13.00	14.00
100	QPSK	270	0	12.91	13.13	13.00	14.00



100	16QAM	1	1	12.93	13.05	12.98	14.00
100	64QAM	1	1	12.91	13.11	12.95	14.00
100	256QAM	1	1	12.96	13.17	13.01	14.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	13.07	13.28	13.12	14.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	13.07	13.20	13.15	14.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	13.17	13.27	13.20	14.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	13.16	13.26	13.25	14.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	13.19	13.29	13.19	14.00

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

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		12.98		14.00
100	PI/2 BPSK	1	137		12.68		14.00
100	PI/2 BPSK	1	271		12.65		14.00
100	PI/2 BPSK	135	0		12.65		14.00
100	PI/2 BPSK	135	69		12.94		14.00
100	PI/2 BPSK	135	138		12.74		14.00
100	PI/2 BPSK	270	0		12.74		14.00
100	QPSK	1	1		12.63		14.00
100	QPSK	1	137		12.75		14.00
100	QPSK	1	271		12.67		14.00
100	QPSK	135	0		12.78		14.00
100	QPSK	135	69		12.70		14.00
100	QPSK	135	138		12.72		14.00
100	QPSK	270	0		12.66		14.00
100	16QAM	1	1		12.78		14.00
100	64QAM	1	1		12.77		14.00
100	256QAM	1	1		12.71		14.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	12.81	12.93	12.83	14.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	12.80	12.78	12.81	14.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	12.70	12.89	12.70	14.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	12.74	12.82	12.76	14.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	12.69	12.87	12.70	14.00

【FR1 n77 (27O)_FCC_Part 27O (3700~3980MHz)_HPUE_Ant 5_Hotspot on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	13.21	13.31	13.26	14.00
100	PI/2 BPSK	1	137	12.87	13.05	12.91	14.00
100	PI/2 BPSK	1	271	12.97	13.15	13.04	14.00
100	PI/2 BPSK	135	0	12.92	13.16	12.97	14.00
100	PI/2 BPSK	135	69	13.20	13.24	13.22	14.00
100	PI/2 BPSK	135	138	12.94	13.10	12.99	14.00
100	PI/2 BPSK	270	0	13.16	13.21	13.17	14.00



100	QPSK	1	1	13.04	13.16	12.99	14.00
100	QPSK	1	137	12.96	13.10	13.00	14.00
100	QPSK	1	271	12.94	13.06	12.88	14.00
100	QPSK	135	0	13.01	13.17	13.02	14.00
100	QPSK	135	69	12.91	13.15	13.02	14.00
100	QPSK	135	138	12.86	13.07	13.00	14.00
100	QPSK	270	0	12.91	13.13	13.00	14.00
100	16QAM	1	1	12.93	13.05	12.98	14.00
100	64QAM	1	1	12.91	13.11	12.95	14.00
100	256QAM	1	1	12.96	13.17	13.01	14.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	13.07	13.28	13.12	14.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	13.07	13.20	13.15	14.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	13.17	13.27	13.20	14.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	13.16	13.26	13.25	14.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	13.19	13.29	13.19	14.00

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

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		19.27		20.50
100	PI/2 BPSK	1	137		19.13		20.50
100	PI/2 BPSK	1	271		19.21		20.50
100	PI/2 BPSK	135	0		19.01		20.50
100	PI/2 BPSK	135	69		19.14		20.50
100	PI/2 BPSK	135	138		19.11		20.50
100	PI/2 BPSK	270	0		19.12		20.50
100	QPSK	1	1		19.04		20.50
100	QPSK	1	137		19.19		20.50
100	QPSK	1	271		19.27		20.50
100	QPSK	135	0		19.06		20.50
100	QPSK	135	69		19.11		20.50
100	QPSK	135	138		19.09		20.50
100	QPSK	270	0		19.14		20.50
100	16QAM	1	1		19.14		20.50
100	64QAM	1	1		19.30		20.50
100	256QAM	1	1		18.47		20.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	19.15	19.21	19.11	20.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	19.06	19.07	19.09	20.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	19.04	19.20	19.10	20.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	19.03	19.19	19.00	20.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	19.12	19.08	19.04	20.50

【FR1 n77 (270)_FCC_Part 270 (3700~3980MHz)_Ant 6_Sensor off】

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	19.77	20.06	19.85	20.50
100	PI/2 BPSK	1	137	19.53	19.96	19.70	20.50
100	PI/2 BPSK	1	271	19.33	19.65	19.39	20.50
100	PI/2 BPSK	135	0	19.31	19.74	19.45	20.50
100	PI/2 BPSK	135	69	19.48	19.88	19.54	20.50
100	PI/2 BPSK	135	138	19.40	19.75	19.48	20.50
100	PI/2 BPSK	270	0	19.34	19.76	19.47	20.50
100	QPSK	1	1	19.43	19.79	19.45	20.50
100	QPSK	1	137	19.68	20.03	19.77	20.50
100	QPSK	1	271	19.40	19.80	19.57	20.50
100	QPSK	135	0	19.39	19.82	19.56	20.50
100	QPSK	135	69	19.53	19.84	19.60	20.50
100	QPSK	135	138	19.45	19.75	19.50	20.50
100	QPSK	270	0	19.45	19.78	19.49	20.50
100	16QAM	1	1	19.57	19.92	19.65	20.50
100	64QAM	1	1	19.09	19.38	19.12	20.50
100	256QAM	1	1	18.00	18.11	18.02	20.00
Channel				649334	656000	662666	
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	19.64	19.98	19.75	20.50
Channel				648668	656000	663332	
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	19.64	19.91	19.81	20.50
Channel				648000	656000	664000	
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	19.68	19.96	19.75	20.50
Channel				647668	656000	664332	
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	19.68	19.97	19.77	20.50
Channel				647334	656000	664666	
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	19.70	19.96	19.71	20.50

【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 6_Sensor off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		22.28		23.50
100	PI/2 BPSK	1	137		22.14		23.50
100	PI/2 BPSK	1	271		22.21		23.50
100	PI/2 BPSK	135	0		22.06		23.50
100	PI/2 BPSK	135	69		22.18		23.50
100	PI/2 BPSK	135	138		22.13		23.50
100	PI/2 BPSK	270	0		22.17		23.50
100	QPSK	1	1		21.86		23.50
100	QPSK	1	137		21.76		23.50
100	QPSK	1	271		22.07		23.50
100	QPSK	135	0		22.09		23.50
100	QPSK	135	69		21.88		23.50
100	QPSK	135	138		21.96		23.50
100	QPSK	270	0		22.16		23.50
100	16QAM	1	1		22.01		23.50
100	64QAM	1	1		20.18		22.00
100	256QAM	1	1		18.51		20.00
Channel				632668	633332	634000	
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	22.17	22.25	22.21	23.50
Channel				632000	633332	634666	
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	22.09	22.12	22.10	23.50
Channel				631334	633332	635332	
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	22.11	22.21	22.08	23.50
Channel				631000	633332	635666	
Frequency (MHz)				3465	3499.98	3534.99	



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30	PI/2 BPSK	1	1	22.16	22.13	22.15	23.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	22.04	22.15	22.18	23.50

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

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	22.74	22.75	22.51	23.50
100	PI/2 BPSK	1	137	22.66	22.71	22.34	23.50
100	PI/2 BPSK	1	271	22.43	22.52	22.16	23.50
100	PI/2 BPSK	135	0	22.52	22.64	22.27	23.50
100	PI/2 BPSK	135	69	22.65	22.72	22.35	23.50
100	PI/2 BPSK	135	138	22.50	22.63	22.26	23.50
100	PI/2 BPSK	270	0	22.46	22.53	22.22	23.50
100	QPSK	1	1	22.43	22.55	22.18	23.50
100	QPSK	1	137	22.55	22.61	22.24	23.50
100	QPSK	1	271	22.41	22.56	22.26	23.50
100	QPSK	135	0	22.60	22.64	22.30	23.50
100	QPSK	135	69	22.42	22.54	22.27	23.50
100	QPSK	135	138	22.53	22.62	22.30	23.50
100	QPSK	270	0	22.37	22.46	22.19	23.50
100	16QAM	1	1	22.00	22.11	21.77	23.50
100	64QAM	1	1	20.97	21.11	20.83	22.00
100	256QAM	1	1	18.61	18.64	18.36	20.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	22.65	22.67	22.41	23.50
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	22.62	22.73	22.46	23.50
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	22.61	22.70	22.45	23.50
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	22.63	22.71	22.50	23.50
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	22.71	22.63	22.36	23.50

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

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		Tune-up limit
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		19.27		20.50
100	PI/2 BPSK	1	137		19.13		20.50
100	PI/2 BPSK	1	271		19.21		20.50
100	PI/2 BPSK	135	0		19.01		20.50
100	PI/2 BPSK	135	69		19.14		20.50
100	PI/2 BPSK	135	138		19.11		20.50
100	PI/2 BPSK	270	0		19.12		20.50
100	QPSK	1	1		19.04		20.50
100	QPSK	1	137		19.19		20.50
100	QPSK	1	271		19.27		20.50
100	QPSK	135	0		19.06		20.50
100	QPSK	135	69		19.11		20.50
100	QPSK	135	138		19.09		20.50
100	QPSK	270	0		19.14		20.50
100	16QAM	1	1		19.14		20.50
100	64QAM	1	1		19.30		20.50
100	256QAM	1	1		18.47		20.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	19.15	19.21	19.11	20.50
Channel				632000	633332	634666	Tune-up limit

	Frequency (MHz)			3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	19.06	19.07	19.09	20.50
	Channel			631334	633332	635332	Tune-up limit
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	19.04	19.20	19.10	20.50
	Channel			631000	633332	635666	Tune-up limit
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	19.03	19.19	19.00	20.50
	Channel			630668	633332	636000	Tune-up limit
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	19.12	19.08	19.04	20.50

【FR1 n77 (270)_FCC_Part 270 (3700~3980MHz)_Ant 6_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel			650000	656000	662000	
	Frequency (MHz)			3750	3840	3930	
100	PI/2 BPSK	1	1	19.77	20.06	19.85	20.50
100	PI/2 BPSK	1	137	19.53	19.96	19.70	20.50
100	PI/2 BPSK	1	271	19.33	19.65	19.39	20.50
100	PI/2 BPSK	135	0	19.31	19.74	19.45	20.50
100	PI/2 BPSK	135	69	19.48	19.88	19.54	20.50
100	PI/2 BPSK	135	138	19.40	19.75	19.48	20.50
100	PI/2 BPSK	270	0	19.34	19.76	19.47	20.50
100	QPSK	1	1	19.43	19.79	19.45	20.50
100	QPSK	1	137	19.68	20.03	19.77	20.50
100	QPSK	1	271	19.40	19.80	19.57	20.50
100	QPSK	135	0	19.39	19.82	19.56	20.50
100	QPSK	135	69	19.53	19.84	19.60	20.50
100	QPSK	135	138	19.45	19.75	19.50	20.50
100	QPSK	270	0	19.45	19.78	19.49	20.50
100	16QAM	1	1	19.57	19.92	19.65	20.50
100	64QAM	1	1	19.09	19.38	19.12	20.50
100	256QAM	1	1	18.00	18.11	18.02	20.00
	Channel			649334	656000	662666	Tune-up limit
	Frequency (MHz)			3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	19.64	19.98	19.75	20.50
	Channel			648668	656000	663332	Tune-up limit
	Frequency (MHz)			3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	19.64	19.91	19.81	20.50
	Channel			648000	656000	664000	Tune-up limit
	Frequency (MHz)			3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	19.68	19.96	19.75	20.50
	Channel			647668	656000	664332	Tune-up limit
	Frequency (MHz)			3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	19.68	19.97	19.77	20.50
	Channel			647334	656000	664666	Tune-up limit
	Frequency (MHz)			3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	19.70	19.96	19.71	20.50

【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 6_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel				633332		
	Frequency (MHz)				3499.98		
100	PI/2 BPSK	1	1		22.28		23.50
100	PI/2 BPSK	1	137		22.14		23.50
100	PI/2 BPSK	1	271		22.21		23.50
100	PI/2 BPSK	135	0		22.06		23.50
100	PI/2 BPSK	135	69		22.18		23.50
100	PI/2 BPSK	135	138		22.13		23.50
100	PI/2 BPSK	270	0		22.17		23.50
100	QPSK	1	1		21.86		23.50
100	QPSK	1	137		21.76		23.50
100	QPSK	1	271		22.07		23.50
100	QPSK	135	0		22.09		23.50
100	QPSK	135	69		21.88		23.50
100	QPSK	135	138		21.96		23.50
100	QPSK	270	0		22.16		23.50

100	16QAM	1	1		22.01		23.50
100	64QAM	1	1		20.18		22.00
100	256QAM	1	1		18.51		20.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	22.17	22.25	22.21	23.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	22.09	22.12	22.10	23.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	22.11	22.21	22.08	23.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	22.16	22.13	22.15	23.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	22.04	22.15	22.18	23.50

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

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	22.74	22.75	22.51	23.50
100	PI/2 BPSK	1	137	22.66	22.71	22.34	23.50
100	PI/2 BPSK	1	271	22.43	22.52	22.16	23.50
100	PI/2 BPSK	135	0	22.52	22.64	22.27	23.50
100	PI/2 BPSK	135	69	22.65	22.72	22.35	23.50
100	PI/2 BPSK	135	138	22.50	22.63	22.26	23.50
100	PI/2 BPSK	270	0	22.46	22.53	22.22	23.50
100	QPSK	1	1	22.43	22.55	22.18	23.50
100	QPSK	1	137	22.55	22.61	22.24	23.50
100	QPSK	1	271	22.41	22.56	22.26	23.50
100	QPSK	135	0	22.60	22.64	22.30	23.50
100	QPSK	135	69	22.42	22.54	22.27	23.50
100	QPSK	135	138	22.53	22.62	22.30	23.50
100	QPSK	270	0	22.37	22.46	22.19	23.50
100	16QAM	1	1	22.00	22.11	21.77	23.50
100	64QAM	1	1	20.97	21.11	20.83	22.00
100	256QAM	1	1	18.61	18.64	18.36	20.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	22.65	22.67	22.41	23.50
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	22.62	22.73	22.46	23.50
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	22.61	22.70	22.45	23.50
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	22.63	22.71	22.50	23.50
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	22.71	22.63	22.36	23.50

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

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		16.84		18.00
100	PI/2 BPSK	1	137		16.59		18.00
100	PI/2 BPSK	1	271		16.70		18.00
100	PI/2 BPSK	135	0		16.68		18.00
100	PI/2 BPSK	135	69		16.77		18.00
100	PI/2 BPSK	135	138		16.71		18.00
100	PI/2 BPSK	270	0		16.63		18.00

100	QPSK	1	1		16.60		18.00
100	QPSK	1	137		16.66		18.00
100	QPSK	1	271		16.66		18.00
100	QPSK	135	0		16.56		18.00
100	QPSK	135	69		16.68		18.00
100	QPSK	135	138		16.68		18.00
100	QPSK	270	0		16.59		18.00
100	16QAM	1	1		16.59		18.00
100	64QAM	1	1		16.58		18.00
100	256QAM	1	1		16.57		18.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	16.69	16.79	16.71	18.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	16.68	16.74	16.62	18.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	16.57	16.71	16.66	18.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	16.59	16.77	16.65	18.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	16.55	16.71	16.67	18.00

【FR1 n77 (270)_FCC_Part 270 (3700~3980MHz)_Ant 6_Sensor on】

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	17.21	17.27	17.19	18.00
100	PI/2 BPSK	1	137	16.88	17.07	16.90	18.00
100	PI/2 BPSK	1	271	16.87	17.05	16.86	18.00
100	PI/2 BPSK	135	0	16.92	17.00	16.83	18.00
100	PI/2 BPSK	135	69	17.16	17.25	17.11	18.00
100	PI/2 BPSK	135	138	16.95	17.04	16.92	18.00
100	PI/2 BPSK	270	0	17.13	17.18	17.10	18.00
100	QPSK	1	1	16.82	16.98	16.82	18.00
100	QPSK	1	137	16.95	17.12	16.99	18.00
100	QPSK	1	271	16.93	17.03	16.94	18.00
100	QPSK	135	0	16.99	17.09	16.94	18.00
100	QPSK	135	69	17.04	17.12	16.96	18.00
100	QPSK	135	138	16.92	17.02	16.83	18.00
100	QPSK	270	0	17.00	17.10	16.95	18.00
100	16QAM	1	1	16.90	17.03	16.92	18.00
100	64QAM	1	1	16.91	16.99	16.76	18.00
100	256QAM	1	1	16.93	17.03	16.86	18.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	17.06	17.16	17.11	18.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	17.08	17.18	17.12	18.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	17.19	17.13	17.16	18.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	17.20	17.17	17.10	18.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	17.08	17.16	17.16	18.00

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

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		16.84		18.00
100	PI/2 BPSK	1	137		16.59		18.00
100	PI/2 BPSK	1	271		16.70		18.00
100	PI/2 BPSK	135	0		16.68		18.00
100	PI/2 BPSK	135	69		16.77		18.00
100	PI/2 BPSK	135	138		16.71		18.00
100	PI/2 BPSK	270	0		16.63		18.00
100	QPSK	1	1		16.60		18.00
100	QPSK	1	137		16.66		18.00
100	QPSK	1	271		16.66		18.00
100	QPSK	135	0		16.56		18.00
100	QPSK	135	69		16.68		18.00
100	QPSK	135	138		16.68		18.00
100	QPSK	270	0		16.59		18.00
100	16QAM	1	1		16.59		18.00
100	64QAM	1	1		16.58		18.00
100	256QAM	1	1		16.57		18.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	16.69	16.79	16.71	18.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	16.68	16.74	16.62	18.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	16.57	16.71	16.66	18.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	16.59	16.77	16.65	18.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	16.55	16.71	16.67	18.00

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

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	17.21	17.27	17.19	18.00
100	PI/2 BPSK	1	137	16.88	17.07	16.90	18.00
100	PI/2 BPSK	1	271	16.87	17.05	16.86	18.00
100	PI/2 BPSK	135	0	16.92	17.00	16.83	18.00
100	PI/2 BPSK	135	69	17.16	17.25	17.11	18.00
100	PI/2 BPSK	135	138	16.95	17.04	16.92	18.00
100	PI/2 BPSK	270	0	17.13	17.18	17.10	18.00
100	QPSK	1	1	16.82	16.98	16.82	18.00
100	QPSK	1	137	16.95	17.12	16.99	18.00
100	QPSK	1	271	16.93	17.03	16.94	18.00
100	QPSK	135	0	16.99	17.09	16.94	18.00
100	QPSK	135	69	17.04	17.12	16.96	18.00
100	QPSK	135	138	16.92	17.02	16.83	18.00
100	QPSK	270	0	17.00	17.10	16.95	18.00
100	16QAM	1	1	16.90	17.03	16.92	18.00
100	64QAM	1	1	16.91	16.99	16.76	18.00
100	256QAM	1	1	16.93	17.03	16.86	18.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	17.06	17.16	17.11	18.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	17.08	17.18	17.12	18.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	17.19	17.13	17.16	18.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)

30	PI/2 BPSK	1	1	17.20	17.17	17.10	18.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	17.08	17.16	17.16	18.00

【FR1 n77 (27Q) _FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 6_Sensor on】

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		16.84		18.00
100	PI/2 BPSK	1	137		16.59		18.00
100	PI/2 BPSK	1	271		16.70		18.00
100	PI/2 BPSK	135	0		16.68		18.00
100	PI/2 BPSK	135	69		16.77		18.00
100	PI/2 BPSK	135	138		16.71		18.00
100	PI/2 BPSK	270	0		16.63		18.00
100	QPSK	1	1		16.60		18.00
100	QPSK	1	137		16.66		18.00
100	QPSK	1	271		16.66		18.00
100	QPSK	135	0		16.56		18.00
100	QPSK	135	69		16.68		18.00
100	QPSK	135	138		16.68		18.00
100	QPSK	270	0		16.59		18.00
100	16QAM	1	1		16.59		18.00
100	64QAM	1	1		16.58		18.00
100	256QAM	1	1		16.57		18.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	16.69	16.79	16.71	18.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	16.68	16.74	16.62	18.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	16.57	16.71	16.66	18.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	16.59	16.77	16.65	18.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	16.55	16.71	16.67	18.00

【FR1 n77 (27O) _FCC_Part 27O (3700~3980MHz)_HPUE_Ant 6_Sensor on】

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	17.21	17.27	17.19	18.00
100	PI/2 BPSK	1	137	16.88	17.07	16.90	18.00
100	PI/2 BPSK	1	271	16.87	17.05	16.86	18.00
100	PI/2 BPSK	135	0	16.92	17.00	16.83	18.00
100	PI/2 BPSK	135	69	17.16	17.25	17.11	18.00
100	PI/2 BPSK	135	138	16.95	17.04	16.92	18.00
100	PI/2 BPSK	270	0	17.13	17.18	17.10	18.00
100	QPSK	1	1	16.82	16.98	16.82	18.00
100	QPSK	1	137	16.95	17.12	16.99	18.00
100	QPSK	1	271	16.93	17.03	16.94	18.00
100	QPSK	135	0	16.99	17.09	16.94	18.00
100	QPSK	135	69	17.04	17.12	16.96	18.00
100	QPSK	135	138	16.92	17.02	16.83	18.00
100	QPSK	270	0	17.00	17.10	16.95	18.00
100	16QAM	1	1	16.90	17.03	16.92	18.00
100	64QAM	1	1	16.91	16.99	16.76	18.00
100	256QAM	1	1	16.93	17.03	16.86	18.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	17.06	17.16	17.11	18.00
Channel				648668	656000	663332	Tune-up limit

Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	17.08	17.18	17.12	18.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	17.19	17.13	17.16	18.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	17.20	17.17	17.10	18.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	17.08	17.16	17.16	18.00

【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 6_Hotspot on】

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		16.84		18.00
100	PI/2 BPSK	1	137		16.59		18.00
100	PI/2 BPSK	1	271		16.70		18.00
100	PI/2 BPSK	135	0		16.68		18.00
100	PI/2 BPSK	135	69		16.77		18.00
100	PI/2 BPSK	135	138		16.71		18.00
100	PI/2 BPSK	270	0		16.63		18.00
100	QPSK	1	1		16.60		18.00
100	QPSK	1	137		16.66		18.00
100	QPSK	1	271		16.66		18.00
100	QPSK	135	0		16.56		18.00
100	QPSK	135	69		16.68		18.00
100	QPSK	135	138		16.68		18.00
100	QPSK	270	0		16.59		18.00
100	16QAM	1	1		16.59		18.00
100	64QAM	1	1		16.58		18.00
100	256QAM	1	1		16.57		18.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	16.69	16.79	16.71	18.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	16.68	16.74	16.62	18.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	16.57	16.71	16.66	18.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	16.59	16.77	16.65	18.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	16.55	16.71	16.67	18.00

【FR1 n77 (27O)_FCC_Part 27O (3700~3980MHz)_HPUE_Ant 6_Hotspot on】

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	17.21	17.27	17.19	18.00
100	PI/2 BPSK	1	137	16.88	17.07	16.90	18.00
100	PI/2 BPSK	1	271	16.87	17.05	16.86	18.00
100	PI/2 BPSK	135	0	16.92	17.00	16.83	18.00
100	PI/2 BPSK	135	69	17.16	17.25	17.11	18.00
100	PI/2 BPSK	135	138	16.95	17.04	16.92	18.00
100	PI/2 BPSK	270	0	17.13	17.18	17.10	18.00
100	QPSK	1	1	16.82	16.98	16.82	18.00
100	QPSK	1	137	16.95	17.12	16.99	18.00
100	QPSK	1	271	16.93	17.03	16.94	18.00
100	QPSK	135	0	16.99	17.09	16.94	18.00
100	QPSK	135	69	17.04	17.12	16.96	18.00
100	QPSK	135	138	16.92	17.02	16.83	18.00
100	QPSK	270	0	17.00	17.10	16.95	18.00



100	16QAM	1	1	16.90	17.03	16.92	18.00
100	64QAM	1	1	16.91	16.99	16.76	18.00
100	256QAM	1	1	16.93	17.03	16.86	18.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	17.06	17.16	17.11	18.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	17.08	17.18	17.12	18.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	17.19	17.13	17.16	18.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	17.20	17.17	17.10	18.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	17.08	17.16	17.16	18.00

【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 7_Sensor off】

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		23.38		24.00
100	PI/2 BPSK	1	137		23.35		24.00
100	PI/2 BPSK	1	271		23.36		24.00
100	PI/2 BPSK	135	0		23.34		24.00
100	PI/2 BPSK	135	69		23.32		24.00
100	PI/2 BPSK	135	138		23.24		24.00
100	PI/2 BPSK	270	0		23.34		24.00
100	QPSK	1	1		23.40		24.00
100	QPSK	1	137		23.47		24.00
100	QPSK	1	271		23.40		24.00
100	QPSK	135	0		23.36		24.00
100	QPSK	135	69		23.40		24.00
100	QPSK	135	138		23.25		24.00
100	QPSK	270	0		23.20		24.00
100	16QAM	1	1		23.25		24.00
100	64QAM	1	1		23.32		24.00
100	256QAM	1	1		22.86		23.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	23.31	23.33	23.28	24.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	23.28	23.31	23.20	24.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	23.25	23.25	23.16	24.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	23.27	23.25	23.22	24.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	23.25	23.20	23.25	24.00

【FR1 n77 (27O)_FCC_Part 27O (3700~3980MHz)_Ant 7_Sensor off】

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	23.42	23.46	23.22	24.00
100	PI/2 BPSK	1	137	23.31	23.41	23.10	24.00
100	PI/2 BPSK	1	271	23.16	23.32	23.05	24.00
100	PI/2 BPSK	135	0	23.26	23.38	23.01	24.00
100	PI/2 BPSK	135	69	23.31	23.48	23.20	24.00
100	PI/2 BPSK	135	138	23.16	23.35	22.97	24.00
100	PI/2 BPSK	270	0	23.19	23.32	22.96	24.00



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100	QPSK	1	1	23.25	23.42	23.08	24.00
100	QPSK	1	137	23.42	23.66	23.21	24.00
100	QPSK	1	271	23.25	23.43	23.15	24.00
100	QPSK	135	0	23.31	23.39	23.01	24.00
100	QPSK	135	69	23.30	23.47	23.16	24.00
100	QPSK	135	138	23.23	23.34	23.05	24.00
100	QPSK	270	0	23.26	23.41	23.06	24.00
100	16QAM	1	1	23.42	23.61	23.22	24.00
100	64QAM	1	1	23.41	23.70	23.21	24.00
100	256QAM	1	1	22.81	22.89	22.59	23.50
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	23.28	23.34	23.15	24.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	23.40	23.36	23.17	24.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	23.29	23.41	23.16	24.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	23.37	23.37	23.12	24.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	23.35	23.34	23.08	24.00

【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 7_Sensor off】

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		26.42		27.00
100	PI/2 BPSK	1	137		26.38		27.00
100	PI/2 BPSK	1	271		26.36		27.00
100	PI/2 BPSK	135	0		26.41		27.00
100	PI/2 BPSK	135	69		26.46		27.00
100	PI/2 BPSK	135	138		26.37		27.00
100	PI/2 BPSK	270	0		26.44		27.00
100	QPSK	1	1		26.52		27.00
100	QPSK	1	137		26.54		27.00
100	QPSK	1	271		26.56		27.00
100	QPSK	135	0		26.49		27.00
100	QPSK	135	69		26.48		27.00
100	QPSK	135	138		26.39		27.00
100	QPSK	270	0		26.46		27.00
100	16QAM	1	1		26.48		27.00
100	64QAM	1	1		25.26		25.50
100	256QAM	1	1		22.91		23.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	26.38	26.34	26.41	27.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	26.27	26.31	26.35	27.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	26.28	26.20	26.37	27.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	26.29	26.30	26.40	27.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	26.26	26.20	26.38	27.00

【FR1 n77 (270)_FCC_Part 270 (3700~3980MHz)_HPUE_Ant 7_Sensor off】

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	26.54	26.57	26.32	27.00
100	PI/2 BPSK	1	137	26.39	26.51	26.25	27.00
100	PI/2 BPSK	1	271	26.19	26.36	26.08	27.00
100	PI/2 BPSK	135	0	26.34	26.45	26.10	27.00
100	PI/2 BPSK	135	69	26.50	26.57	26.26	27.00
100	PI/2 BPSK	135	138	26.38	26.43	26.05	27.00
100	PI/2 BPSK	270	0	26.32	26.47	26.08	27.00
100	QPSK	1	1	26.47	26.58	26.24	27.00
100	QPSK	1	137	26.40	26.44	26.15	27.00
100	QPSK	1	271	26.45	26.54	26.23	27.00
100	QPSK	135	0	26.40	26.49	26.19	27.00
100	QPSK	135	69	26.42	26.59	26.24	27.00
100	QPSK	135	138	26.30	26.44	26.16	27.00
100	QPSK	270	0	26.36	26.49	26.21	27.00
100	16QAM	1	1	26.40	26.50	26.20	27.00
100	64QAM	1	1	25.14	25.24	24.95	25.50
100	256QAM	1	1	22.83	22.95	22.60	23.50
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	26.47	26.51	26.23	27.00
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	26.44	26.46	26.27	27.00
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	26.49	26.56	26.18	27.00
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	26.46	26.48	26.19	27.00
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	26.41	26.46	26.22	27.00

【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 7_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.38		24.00
100	PI/2 BPSK	1	137		23.35		24.00
100	PI/2 BPSK	1	271		23.36		24.00
100	PI/2 BPSK	135	0		23.34		24.00
100	PI/2 BPSK	135	69		23.32		24.00
100	PI/2 BPSK	135	138		23.24		24.00
100	PI/2 BPSK	270	0		23.34		24.00
100	QPSK	1	1		23.40		24.00
100	QPSK	1	137		23.47		24.00
100	QPSK	1	271		23.40		24.00
100	QPSK	135	0		23.36		24.00
100	QPSK	135	69		23.40		24.00
100	QPSK	135	138		23.25		24.00
100	QPSK	270	0		23.20		24.00
100	16QAM	1	1		23.25		24.00
100	64QAM	1	1		23.32		24.00
100	256QAM	1	1		22.86		23.50
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	23.31	23.33	23.28	24.00
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	23.28	23.31	23.20	24.00
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	23.25	23.25	23.16	24.00
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	

30	PI/2 BPSK	1	1	23.27	23.25	23.22	24.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	23.25	23.20	23.25	24.00

【FR1 n77 (270)_FCC_Part 270 (3700~3980MHz)_Ant 7_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	Tune-up limit
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	23.42	23.46	23.22	24.00
100	PI/2 BPSK	1	137	23.31	23.41	23.10	24.00
100	PI/2 BPSK	1	271	23.16	23.32	23.05	24.00
100	PI/2 BPSK	135	0	23.26	23.38	23.01	24.00
100	PI/2 BPSK	135	69	23.31	23.48	23.20	24.00
100	PI/2 BPSK	135	138	23.16	23.35	22.97	24.00
100	PI/2 BPSK	270	0	23.19	23.32	22.96	24.00
100	QPSK	1	1	23.25	23.42	23.08	24.00
100	QPSK	1	137	23.42	23.66	23.21	24.00
100	QPSK	1	271	23.25	23.43	23.15	24.00
100	QPSK	135	0	23.31	23.39	23.01	24.00
100	QPSK	135	69	23.30	23.47	23.16	24.00
100	QPSK	135	138	23.23	23.34	23.05	24.00
100	QPSK	270	0	23.26	23.41	23.06	24.00
100	16QAM	1	1	23.42	23.61	23.22	24.00
100	64QAM	1	1	23.41	23.70	23.21	24.00
100	256QAM	1	1	22.81	22.89	22.59	23.50
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	23.28	23.34	23.15	24.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	23.40	23.36	23.17	24.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	23.29	23.41	23.16	24.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	23.37	23.37	23.12	24.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	23.35	23.34	23.08	24.00

【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 7_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		Tune-up limit
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		26.42		27.00
100	PI/2 BPSK	1	137		26.38		27.00
100	PI/2 BPSK	1	271		26.36		27.00
100	PI/2 BPSK	135	0		26.41		27.00
100	PI/2 BPSK	135	69		26.46		27.00
100	PI/2 BPSK	135	138		26.37		27.00
100	PI/2 BPSK	270	0		26.44		27.00
100	QPSK	1	1		26.52		27.00
100	QPSK	1	137		26.54		27.00
100	QPSK	1	271		26.56		27.00
100	QPSK	135	0		26.49		27.00
100	QPSK	135	69		26.48		27.00
100	QPSK	135	138		26.39		27.00
100	QPSK	270	0		26.46		27.00
100	16QAM	1	1		26.48		27.00
100	64QAM	1	1		25.26		25.50
100	256QAM	1	1		22.91		23.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	26.38	26.34	26.41	27.00
Channel				632000	633332	634666	Tune-up limit



Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	26.27	26.31	26.35	27.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	26.28	26.20	26.37	27.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	26.29	26.30	26.40	27.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	26.26	26.20	26.38	27.00

【FR1 n77 (270)_FCC_Part 270 (3700~3980MHz)_HPUE_Ant 7_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	26.54	26.57	26.32	27.00
100	PI/2 BPSK	1	137	26.39	26.51	26.25	27.00
100	PI/2 BPSK	1	271	26.19	26.36	26.08	27.00
100	PI/2 BPSK	135	0	26.34	26.45	26.10	27.00
100	PI/2 BPSK	135	69	26.50	26.57	26.26	27.00
100	PI/2 BPSK	135	138	26.38	26.43	26.05	27.00
100	PI/2 BPSK	270	0	26.32	26.47	26.08	27.00
100	QPSK	1	1	26.47	26.58	26.24	27.00
100	QPSK	1	137	26.40	26.44	26.15	27.00
100	QPSK	1	271	26.45	26.54	26.23	27.00
100	QPSK	135	0	26.40	26.49	26.19	27.00
100	QPSK	135	69	26.42	26.59	26.24	27.00
100	QPSK	135	138	26.30	26.44	26.16	27.00
100	QPSK	270	0	26.36	26.49	26.21	27.00
100	16QAM	1	1	26.40	26.50	26.20	27.00
100	64QAM	1	1	25.14	25.24	24.95	25.50
100	256QAM	1	1	22.83	22.95	22.60	23.50
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	26.47	26.51	26.23	27.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	26.44	26.46	26.27	27.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	26.49	26.56	26.18	27.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	26.46	26.48	26.19	27.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	26.41	26.46	26.22	27.00

【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 7_Sensor on】

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		14.93		15.50
100	PI/2 BPSK	1	137		14.68		15.50
100	PI/2 BPSK	1	271		14.76		15.50
100	PI/2 BPSK	135	0		14.80		15.50
100	PI/2 BPSK	135	69		14.91		15.50
100	PI/2 BPSK	135	138		14.73		15.50
100	PI/2 BPSK	270	0		14.72		15.50
100	QPSK	1	1		14.73		15.50
100	QPSK	1	137		14.73		15.50
100	QPSK	1	271		14.66		15.50
100	QPSK	135	0		14.73		15.50
100	QPSK	135	69		14.69		15.50
100	QPSK	135	138		14.72		15.50
100	QPSK	270	0		14.69		15.50

100	16QAM	1	1		14.72		15.50
100	64QAM	1	1		14.79		15.50
100	256QAM	1	1		14.73		15.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	14.83	14.88	14.79	15.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	14.76	14.81	14.77	15.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	14.74	14.84	14.65	15.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	14.69	14.74	14.67	15.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	14.78	14.75	14.65	15.50

【FR1 n77 (270)_FCC_Part 270 (3700~3980MHz)_Ant 7_Sensor on】

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	15.02	15.08	15.06	15.50
100	PI/2 BPSK	1	137	14.60	14.75	14.63	15.50
100	PI/2 BPSK	1	271	14.77	14.89	14.77	15.50
100	PI/2 BPSK	135	0	14.65	14.85	14.73	15.50
100	PI/2 BPSK	135	69	14.96	15.02	14.93	15.50
100	PI/2 BPSK	135	138	14.68	14.88	14.73	15.50
100	PI/2 BPSK	270	0	14.93	14.96	14.89	15.50
100	QPSK	1	1	14.79	14.88	14.76	15.50
100	QPSK	1	137	14.61	14.76	14.67	15.50
100	QPSK	1	271	14.66	14.83	14.73	15.50
100	QPSK	135	0	14.78	14.87	14.83	15.50
100	QPSK	135	69	14.63	14.83	14.79	15.50
100	QPSK	135	138	14.65	14.77	14.70	15.50
100	QPSK	270	0	14.71	14.85	14.75	15.50
100	16QAM	1	1	14.69	14.76	14.59	15.50
100	64QAM	1	1	14.61	14.78	14.73	15.50
100	256QAM	1	1	14.67	14.79	14.73	15.50
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	14.99	14.98	15.02	15.50
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	14.90	15.04	14.97	15.50
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	14.93	15.06	15.01	15.50
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	14.93	15.02	14.94	15.50
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	14.90	15.02	14.97	15.50

【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 7_Hotspot on】

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		14.93		15.50
100	PI/2 BPSK	1	137		14.68		15.50
100	PI/2 BPSK	1	271		14.76		15.50
100	PI/2 BPSK	135	0		14.80		15.50
100	PI/2 BPSK	135	69		14.91		15.50
100	PI/2 BPSK	135	138		14.73		15.50
100	PI/2 BPSK	270	0		14.72		15.50

100	QPSK	1	1		14.73		15.50
100	QPSK	1	137		14.73		15.50
100	QPSK	1	271		14.66		15.50
100	QPSK	135	0		14.73		15.50
100	QPSK	135	69		14.69		15.50
100	QPSK	135	138		14.72		15.50
100	QPSK	270	0		14.69		15.50
100	16QAM	1	1		14.72		15.50
100	64QAM	1	1		14.79		15.50
100	256QAM	1	1		14.73		15.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	14.83	14.88	14.79	15.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	14.76	14.81	14.77	15.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	14.74	14.84	14.65	15.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	14.69	14.74	14.67	15.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	14.78	14.75	14.65	15.50

【FR1 n77 (270)_FCC_Part 270 (3700~3980MHz)_Ant 7_Hotspot on】

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	15.02	15.08	15.06	15.50
100	PI/2 BPSK	1	137	14.60	14.75	14.63	15.50
100	PI/2 BPSK	1	271	14.77	14.89	14.77	15.50
100	PI/2 BPSK	135	0	14.65	14.85	14.73	15.50
100	PI/2 BPSK	135	69	14.96	15.02	14.93	15.50
100	PI/2 BPSK	135	138	14.68	14.88	14.73	15.50
100	PI/2 BPSK	270	0	14.93	14.96	14.89	15.50
100	QPSK	1	1	14.79	14.88	14.76	15.50
100	QPSK	1	137	14.61	14.76	14.67	15.50
100	QPSK	1	271	14.66	14.83	14.73	15.50
100	QPSK	135	0	14.78	14.87	14.83	15.50
100	QPSK	135	69	14.63	14.83	14.79	15.50
100	QPSK	135	138	14.65	14.77	14.70	15.50
100	QPSK	270	0	14.71	14.85	14.75	15.50
100	16QAM	1	1	14.69	14.76	14.59	15.50
100	64QAM	1	1	14.61	14.78	14.73	15.50
100	256QAM	1	1	14.67	14.79	14.73	15.50
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	14.99	14.98	15.02	15.50
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	14.90	15.04	14.97	15.50
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	14.93	15.06	15.01	15.50
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	14.93	15.02	14.94	15.50
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	14.90	15.02	14.97	15.50

【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 7_Sensor on】

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		14.93		15.50
100	PI/2 BPSK	1	137		14.68		15.50
100	PI/2 BPSK	1	271		14.76		15.50
100	PI/2 BPSK	135	0		14.80		15.50
100	PI/2 BPSK	135	69		14.91		15.50
100	PI/2 BPSK	135	138		14.73		15.50
100	PI/2 BPSK	270	0		14.72		15.50
100	QPSK	1	1		14.73		15.50
100	QPSK	1	137		14.73		15.50
100	QPSK	1	271		14.66		15.50
100	QPSK	135	0		14.73		15.50
100	QPSK	135	69		14.69		15.50
100	QPSK	135	138		14.72		15.50
100	QPSK	270	0		14.69		15.50
100	16QAM	1	1		14.72		15.50
100	64QAM	1	1		14.79		15.50
100	256QAM	1	1		14.73		15.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	14.83	14.88	14.79	15.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	14.76	14.81	14.77	15.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	14.74	14.84	14.65	15.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	14.69	14.74	14.67	15.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	14.78	14.75	14.65	15.50

【FR1 n77 (27O)_FCC_Part 27O (3700~3980MHz)_HPUE_Ant 7_Sensor on】

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	15.02	15.08	15.06	15.50
100	PI/2 BPSK	1	137	14.60	14.75	14.63	15.50
100	PI/2 BPSK	1	271	14.77	14.89	14.77	15.50
100	PI/2 BPSK	135	0	14.65	14.85	14.73	15.50
100	PI/2 BPSK	135	69	14.96	15.02	14.93	15.50
100	PI/2 BPSK	135	138	14.68	14.88	14.73	15.50
100	PI/2 BPSK	270	0	14.93	14.96	14.89	15.50
100	QPSK	1	1	14.79	14.88	14.76	15.50
100	QPSK	1	137	14.61	14.76	14.67	15.50
100	QPSK	1	271	14.66	14.83	14.73	15.50
100	QPSK	135	0	14.78	14.87	14.83	15.50
100	QPSK	135	69	14.63	14.83	14.79	15.50
100	QPSK	135	138	14.65	14.77	14.70	15.50
100	QPSK	270	0	14.71	14.85	14.75	15.50
100	16QAM	1	1	14.69	14.76	14.59	15.50
100	64QAM	1	1	14.61	14.78	14.73	15.50
100	256QAM	1	1	14.67	14.79	14.73	15.50
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	14.99	14.98	15.02	15.50
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	14.90	15.04	14.97	15.50
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	14.93	15.06	15.01	15.50
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)



30	PI/2 BPSK	1	1	14.93	15.02	14.94	15.50
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	14.90	15.02	14.97	15.50

【FR1 n77 (27Q)_FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 7_Hotspot on】

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		14.93		15.50
100	PI/2 BPSK	1	137		14.68		15.50
100	PI/2 BPSK	1	271		14.76		15.50
100	PI/2 BPSK	135	0		14.80		15.50
100	PI/2 BPSK	135	69		14.91		15.50
100	PI/2 BPSK	135	138		14.73		15.50
100	PI/2 BPSK	270	0		14.72		15.50
100	QPSK	1	1		14.73		15.50
100	QPSK	1	137		14.73		15.50
100	QPSK	1	271		14.66		15.50
100	QPSK	135	0		14.73		15.50
100	QPSK	135	69		14.69		15.50
100	QPSK	135	138		14.72		15.50
100	QPSK	270	0		14.69		15.50
100	16QAM	1	1		14.72		15.50
100	64QAM	1	1		14.79		15.50
100	256QAM	1	1		14.73		15.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	14.83	14.88	14.79	15.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	14.76	14.81	14.77	15.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	14.74	14.84	14.65	15.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	14.69	14.74	14.67	15.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	14.78	14.75	14.65	15.50

【FR1 n77 (27O)_FCC_Part 27O (3700~3980MHz)_HPUE_Ant 7_Hotspot on】

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	15.06	15.15	15.12	15.50
100	PI/2 BPSK	1	137	14.52	14.67	14.61	15.50
100	PI/2 BPSK	1	271	14.81	14.96	14.86	15.50
100	PI/2 BPSK	135	0	14.57	14.78	14.66	15.50
100	PI/2 BPSK	135	69	15.01	15.08	15.03	15.50
100	PI/2 BPSK	135	138	14.74	14.88	14.75	15.50
100	PI/2 BPSK	270	0	14.99	15.00	14.98	15.50
100	QPSK	1	1	14.79	14.95	14.79	15.50
100	QPSK	1	137	14.60	14.80	14.63	15.50
100	QPSK	1	271	14.66	14.89	14.77	15.50
100	QPSK	135	0	14.68	14.84	14.78	15.50
100	QPSK	135	69	14.65	14.88	14.78	15.50
100	QPSK	135	138	14.66	14.82	14.78	15.50
100	QPSK	270	0	14.77	14.88	14.73	15.50
100	16QAM	1	1	14.72	14.83	14.79	15.50
100	64QAM	1	1	14.61	14.79	14.63	15.50
100	256QAM	1	1	14.58	14.72	14.67	15.50
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	14.93	15.02	15.00	15.50
Channel				648668	656000	663332	Tune-up limit



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	Frequency (MHz)			3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	14.96	15.07	15.05	15.50
	Channel			648000	656000	664000	Tune-up limit
	Frequency (MHz)			3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	15.03	15.06	15.09	15.50
	Channel			647668	656000	664332	Tune-up limit
	Frequency (MHz)			3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	15.03	15.05	15.10	15.50
	Channel			647334	656000	664666	Tune-up limit
	Frequency (MHz)			3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	14.99	15.05	14.97	15.50

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

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel				633332		
	Frequency (MHz)				3499.98		
100	PI/2 BPSK	1	1		22.79		24.00
100	PI/2 BPSK	1	137		22.60		24.00
100	PI/2 BPSK	1	271		22.65		24.00
100	PI/2 BPSK	135	0		22.44		24.00
100	PI/2 BPSK	135	69		22.54		24.00
100	PI/2 BPSK	135	138		22.52		24.00
100	PI/2 BPSK	270	0		22.55		24.00
100	QPSK	1	1		22.57		24.00
100	QPSK	1	137		22.73		24.00
100	QPSK	1	271		22.75		24.00
100	QPSK	135	0		22.53		24.00
100	QPSK	135	69		22.62		24.00
100	QPSK	135	138		22.53		24.00
100	QPSK	270	0		22.59		24.00
100	16QAM	1	1		22.71		24.00
100	64QAM	1	1		22.71		24.00
100	256QAM	1	1		22.03		23.00
	Channel			633000	633332	633666	Tune-up limit
	Frequency (MHz)			3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	22.53	22.61	22.49	24.00
	Channel			632668	633332	634000	Tune-up limit
	Frequency (MHz)			3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	22.42	22.55	22.41	24.00
	Channel			632334	633332	634332	Tune-up limit
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	22.46	22.46	22.37	24.00
	Channel			632000	633332	634666	Tune-up limit
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	22.38	22.58	22.37	24.00
	Channel			631668	633332	635000	Tune-up limit
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	22.46	22.49	22.45	24.00
	Channel			631334	633332	635332	Tune-up limit
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	22.48	22.55	22.42	24.00
	Channel			631000	633332	635666	Tune-up limit
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	22.52	22.46	22.42	24.00
	Channel			630668	633332	636000	Tune-up limit
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	22.43	22.57	22.37	24.00

【FR1 n78 (27O)_FCC_Part 27O (3700~3800MHz)_Ant 4_Sensor off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel				650000		
	Frequency (MHz)				3750		
100	PI/2 BPSK	1	1		23.11		24.00
100	PI/2 BPSK	1	137		22.93		24.00
100	PI/2 BPSK	1	271		22.95		24.00
100	PI/2 BPSK	135	0		22.80		24.00
100	PI/2 BPSK	135	69		22.87		24.00



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100	PI/2 BPSK	135	138		22.86		24.00
100	PI/2 BPSK	270	0		22.84		24.00
100	QPSK	1	1		22.95		24.00
100	QPSK	1	137		22.96		24.00
100	QPSK	1	271		22.99		24.00
100	QPSK	135	0		22.86		24.00
100	QPSK	135	69		22.84		24.00
100	QPSK	135	138		22.82		24.00
100	QPSK	270	0		22.84		24.00
100	16QAM	1	1		23.11		24.00
100	64QAM	1	1		23.08		24.00
100	256QAM	1	1		22.47		23.00
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	22.93	23.05	22.91	24.00
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	22.90	22.94	22.77	24.00
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	22.81	23.01	22.78	24.00
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	22.80	22.99	22.89	24.00
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	22.84	22.94	22.80	24.00
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	22.81	23.00	22.88	24.00
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	22.83	23.03	22.86	24.00
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	22.90	22.91	22.83	24.00

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

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		25.79		27.00
100	PI/2 BPSK	1	137		25.59		27.00
100	PI/2 BPSK	1	271		25.66		27.00
100	PI/2 BPSK	135	0		25.51		27.00
100	PI/2 BPSK	135	69		25.60		27.00
100	PI/2 BPSK	135	138		25.58		27.00
100	PI/2 BPSK	270	0		25.66		27.00
100	QPSK	1	1		25.61		27.00
100	QPSK	1	137		25.71		27.00
100	QPSK	1	271		25.72		27.00
100	QPSK	135	0		25.48		27.00
100	QPSK	135	69		25.55		27.00
100	QPSK	135	138		25.57		27.00
100	QPSK	270	0		25.56		27.00
100	16QAM	1	1		25.71		27.00
100	64QAM	1	1		24.28		25.50
100	256QAM	1	1		22.05		23.50
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	25.61	25.59	25.55	27.00
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	25.58	25.55	25.41	27.00
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	25.46	25.53	25.48	27.00
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	25.46	25.51	25.46	27.00
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	25.47	25.44	25.53	27.00



Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	25.49	25.53	25.44	27.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	25.54	25.52	25.44	27.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	25.55	25.58	25.42	27.00

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

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		26.09		27.00
100	PI/2 BPSK	1	137		25.90		27.00
100	PI/2 BPSK	1	271		25.92		27.00
100	PI/2 BPSK	135	0		25.84		27.00
100	PI/2 BPSK	135	69		25.90		27.00
100	PI/2 BPSK	135	138		25.83		27.00
100	PI/2 BPSK	270	0		25.87		27.00
100	QPSK	1	1		26.04		27.00
100	QPSK	1	137		26.05		27.00
100	QPSK	1	271		26.07		27.00
100	QPSK	135	0		25.94		27.00
100	QPSK	135	69		25.91		27.00
100	QPSK	135	138		25.89		27.00
100	QPSK	270	0		25.93		27.00
100	16QAM	1	1		26.04		27.00
100	64QAM	1	1		24.75		25.50
100	256QAM	1	1		22.53		23.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	25.91	25.86	25.85	27.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	25.88	25.76	25.73	27.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	25.84	25.85	25.81	27.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	25.87	25.79	25.74	27.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	25.87	25.83	25.78	27.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	25.86	25.81	25.82	27.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	25.82	25.76	25.75	27.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	25.80	25.81	25.84	27.00

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

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		22.79		24.00
100	PI/2 BPSK	1	137		22.60		24.00
100	PI/2 BPSK	1	271		22.65		24.00
100	PI/2 BPSK	135	0		22.44		24.00
100	PI/2 BPSK	135	69		22.54		24.00
100	PI/2 BPSK	135	138		22.52		24.00
100	PI/2 BPSK	270	0		22.55		24.00



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100	QPSK	1	1		22.57		24.00
100	QPSK	1	137		22.73		24.00
100	QPSK	1	271		22.75		24.00
100	QPSK	135	0		22.53		24.00
100	QPSK	135	69		22.62		24.00
100	QPSK	135	138		22.53		24.00
100	QPSK	270	0		22.59		24.00
100	16QAM	1	1		22.71		24.00
100	64QAM	1	1		22.71		24.00
100	256QAM	1	1		22.03		23.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	22.53	22.61	22.49	24.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	22.42	22.55	22.41	24.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	22.46	22.46	22.37	24.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	22.38	22.58	22.37	24.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	22.46	22.49	22.45	24.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	22.48	22.55	22.42	24.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	22.52	22.46	22.42	24.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	22.43	22.57	22.37	24.00

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

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		23.11		24.00
100	PI/2 BPSK	1	137		22.93		24.00
100	PI/2 BPSK	1	271		22.95		24.00
100	PI/2 BPSK	135	0		22.80		24.00
100	PI/2 BPSK	135	69		22.87		24.00
100	PI/2 BPSK	135	138		22.86		24.00
100	PI/2 BPSK	270	0		22.84		24.00
100	QPSK	1	1		22.95		24.00
100	QPSK	1	137		22.96		24.00
100	QPSK	1	271		22.99		24.00
100	QPSK	135	0		22.86		24.00
100	QPSK	135	69		22.84		24.00
100	QPSK	135	138		22.82		24.00
100	QPSK	270	0		22.84		24.00
100	16QAM	1	1		23.11		24.00
100	64QAM	1	1		23.08		24.00
100	256QAM	1	1		22.47		23.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	22.93	23.05	22.91	24.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	22.90	22.94	22.77	24.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	22.81	23.01	22.78	24.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	22.80	22.99	22.89	24.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	22.84	22.94	22.80	24.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)

40	PI/2 BPSK	1	1	22.81	23.00	22.88	24.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	22.83	23.03	22.86	24.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	22.90	22.91	22.83	24.00

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

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		25.79		27.00
100	PI/2 BPSK	1	137		25.59		27.00
100	PI/2 BPSK	1	271		25.66		27.00
100	PI/2 BPSK	135	0		25.51		27.00
100	PI/2 BPSK	135	69		25.60		27.00
100	PI/2 BPSK	135	138		25.58		27.00
100	PI/2 BPSK	270	0		25.66		27.00
100	QPSK	1	1		25.61		27.00
100	QPSK	1	137		25.71		27.00
100	QPSK	1	271		25.72		27.00
100	QPSK	135	0		25.48		27.00
100	QPSK	135	69		25.55		27.00
100	QPSK	135	138		25.57		27.00
100	QPSK	270	0		25.56		27.00
100	16QAM	1	1		25.71		27.00
100	64QAM	1	1		24.28		25.50
100	256QAM	1	1		22.05		23.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	25.61	25.59	25.55	27.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	25.58	25.55	25.41	27.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	25.46	25.53	25.48	27.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	25.46	25.51	25.46	27.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	25.47	25.44	25.53	27.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	25.49	25.53	25.44	27.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	25.54	25.52	25.44	27.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	25.55	25.58	25.42	27.00

【FR1 n78 (27Q)_FCC_Part 27Q (3700~3800MHz)_HPUE_Ant 4_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		26.09		27.00
100	PI/2 BPSK	1	137		25.90		27.00
100	PI/2 BPSK	1	271		25.92		27.00
100	PI/2 BPSK	135	0		25.84		27.00
100	PI/2 BPSK	135	69		25.90		27.00
100	PI/2 BPSK	135	138		25.83		27.00
100	PI/2 BPSK	270	0		25.87		27.00
100	QPSK	1	1		26.04		27.00
100	QPSK	1	137		26.05		27.00



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100	QPSK	1	271		26.07		27.00
100	QPSK	135	0		25.94		27.00
100	QPSK	135	69		25.91		27.00
100	QPSK	135	138		25.89		27.00
100	QPSK	270	0		25.93		27.00
100	16QAM	1	1		26.04		27.00
100	64QAM	1	1		24.75		25.50
100	256QAM	1	1		22.53		23.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	25.91	25.86	25.85	27.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	25.88	25.76	25.73	27.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	25.84	25.85	25.81	27.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	25.87	25.79	25.74	27.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	25.87	25.83	25.78	27.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	25.86	25.81	25.82	27.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	25.82	25.76	25.75	27.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	25.80	25.81	25.84	27.00

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

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		16.32		17.50
100	PI/2 BPSK	1	137		16.26		17.50
100	PI/2 BPSK	1	271		16.29		17.50
100	PI/2 BPSK	135	0		16.24		17.50
100	PI/2 BPSK	135	69		16.30		17.50
100	PI/2 BPSK	135	138		16.28		17.50
100	PI/2 BPSK	270	0		16.21		17.50
100	QPSK	1	1		16.25		17.50
100	QPSK	1	137		16.22		17.50
100	QPSK	1	271		16.19		17.50
100	QPSK	135	0		16.24		17.50
100	QPSK	135	69		16.28		17.50
100	QPSK	135	138		16.22		17.50
100	QPSK	270	0		16.24		17.50
100	16QAM	1	1		16.23		17.50
100	64QAM	1	1		16.27		17.50
100	256QAM	1	1		16.26		17.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	16.21	16.25	16.22	17.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	16.10	16.21	16.14	17.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	16.10	16.15	16.21	17.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	16.12	16.15	16.08	17.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	16.15	16.23	16.13	17.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	16.12	16.14	16.12	17.50
Channel				631000	633332	635666	Tune-up limit

Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	16.14	16.23	16.20	17.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	16.11	16.19	16.07	17.50

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

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		16.55		17.50
100	PI/2 BPSK	1	137		16.49		17.50
100	PI/2 BPSK	1	271		16.43		17.50
100	PI/2 BPSK	135	0		16.47		17.50
100	PI/2 BPSK	135	69		16.50		17.50
100	PI/2 BPSK	135	138		16.43		17.50
100	PI/2 BPSK	270	0		16.48		17.50
100	QPSK	1	1		16.41		17.50
100	QPSK	1	137		16.43		17.50
100	QPSK	1	271		16.45		17.50
100	QPSK	135	0		16.42		17.50
100	QPSK	135	69		16.38		17.50
100	QPSK	135	138		16.34		17.50
100	QPSK	270	0		16.39		17.50
100	16QAM	1	1		16.37		17.50
100	64QAM	1	1		16.36		17.50
100	256QAM	1	1		16.35		17.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	16.31	16.35	16.32	17.50
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	16.30	16.21	16.22	17.50
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	16.28	16.28	16.22	17.50
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	16.25	16.25	16.24	17.50
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	16.21	16.33	16.27	17.50
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	16.16	16.29	16.21	17.50
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	16.26	16.24	16.28	17.50
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	16.16	16.24	16.18	17.50

【FR1 n78 (27Q)___FCC_Part 27Q (3450~3550MHz)_Ant 4_Hotspot on】

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		16.32		17.50
100	PI/2 BPSK	1	137		16.26		17.50
100	PI/2 BPSK	1	271		16.29		17.50
100	PI/2 BPSK	135	0		16.24		17.50
100	PI/2 BPSK	135	69		16.30		17.50
100	PI/2 BPSK	135	138		16.28		17.50
100	PI/2 BPSK	270	0		16.21		17.50
100	QPSK	1	1		16.25		17.50
100	QPSK	1	137		16.22		17.50
100	QPSK	1	271		16.19		17.50
100	QPSK	135	0		16.24		17.50



100	QPSK	135	69		16.28		17.50
100	QPSK	135	138		16.22		17.50
100	QPSK	270	0		16.24		17.50
100	16QAM	1	1		16.23		17.50
100	64QAM	1	1		16.27		17.50
100	256QAM	1	1		16.26		17.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	16.21	16.25	16.22	17.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	16.10	16.21	16.14	17.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	16.10	16.15	16.21	17.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	16.12	16.15	16.08	17.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	16.15	16.23	16.13	17.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	16.12	16.14	16.12	17.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	16.14	16.23	16.20	17.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	16.11	16.19	16.07	17.50

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

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		16.25		17.50
100	PI/2 BPSK	1	137		16.05		17.50
100	PI/2 BPSK	1	271		16.12		17.50
100	PI/2 BPSK	135	0		16.15		17.50
100	PI/2 BPSK	135	69		16.20		17.50
100	PI/2 BPSK	135	138		16.13		17.50
100	PI/2 BPSK	270	0		16.23		17.50
100	QPSK	1	1		16.19		17.50
100	QPSK	1	137		16.13		17.50
100	QPSK	1	271		16.04		17.50
100	QPSK	135	0		16.02		17.50
100	QPSK	135	69		16.14		17.50
100	QPSK	135	138		16.11		17.50
100	QPSK	270	0		16.09		17.50
100	16QAM	1	1		16.06		17.50
100	64QAM	1	1		16.18		17.50
100	256QAM	1	1		16.16		17.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	16.17	16.22	16.19	17.50
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	16.09	16.14	16.12	17.50
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	16.14	16.11	16.09	17.50
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	16.06	16.19	16.16	17.50
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	16.07	16.15	16.14	17.50
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	16.13	16.10	16.12	17.50
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	16.16	16.09	16.17	17.50

Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	16.10	16.14	16.10	17.50

【FR1 n78 (27Q)___FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 4_Sensor on】

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		16.32		17.50
100	PI/2 BPSK	1	137		16.26		17.50
100	PI/2 BPSK	1	271		16.29		17.50
100	PI/2 BPSK	135	0		16.24		17.50
100	PI/2 BPSK	135	69		16.30		17.50
100	PI/2 BPSK	135	138		16.28		17.50
100	PI/2 BPSK	270	0		16.21		17.50
100	QPSK	1	1		16.25		17.50
100	QPSK	1	137		16.22		17.50
100	QPSK	1	271		16.19		17.50
100	QPSK	135	0		16.24		17.50
100	QPSK	135	69		16.28		17.50
100	QPSK	135	138		16.22		17.50
100	QPSK	270	0		16.24		17.50
100	16QAM	1	1		16.23		17.50
100	64QAM	1	1		16.27		17.50
100	256QAM	1	1		16.26		17.50
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	16.21	16.25	16.22	17.50
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	16.10	16.21	16.14	17.50
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	16.10	16.15	16.21	17.50
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	16.12	16.15	16.08	17.50
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	16.15	16.23	16.13	17.50
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	16.12	16.14	16.12	17.50
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	16.14	16.23	16.20	17.50
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	16.11	16.19	16.07	17.50

【FR1 n78 (27O)___FCC_Part 27O (3700~3800MHz)_HPUE_Ant 4_Sensor on】

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		16.55		17.50
100	PI/2 BPSK	1	137		16.49		17.50
100	PI/2 BPSK	1	271		16.43		17.50
100	PI/2 BPSK	135	0		16.47		17.50
100	PI/2 BPSK	135	69		16.50		17.50
100	PI/2 BPSK	135	138		16.43		17.50
100	PI/2 BPSK	270	0		16.48		17.50
100	QPSK	1	1		16.41		17.50
100	QPSK	1	137		16.43		17.50
100	QPSK	1	271		16.45		17.50
100	QPSK	135	0		16.42		17.50
100	QPSK	135	69		16.38		17.50
100	QPSK	135	138		16.34		17.50



100	QPSK	270	0		16.39		17.50
100	16QAM	1	1		16.37		17.50
100	64QAM	1	1		16.36		17.50
100	256QAM	1	1		16.35		17.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	16.31	16.35	16.32	17.50
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	16.30	16.21	16.22	17.50
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	16.28	16.28	16.22	17.50
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	16.25	16.25	16.24	17.50
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	16.21	16.33	16.27	17.50
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	16.16	16.29	16.21	17.50
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	16.26	16.24	16.28	17.50
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	16.16	16.24	16.18	17.50

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

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		16.32		17.50
100	PI/2 BPSK	1	137		16.26		17.50
100	PI/2 BPSK	1	271		16.29		17.50
100	PI/2 BPSK	135	0		16.24		17.50
100	PI/2 BPSK	135	69		16.30		17.50
100	PI/2 BPSK	135	138		16.28		17.50
100	PI/2 BPSK	270	0		16.21		17.50
100	QPSK	1	1		16.25		17.50
100	QPSK	1	137		16.22		17.50
100	QPSK	1	271		16.19		17.50
100	QPSK	135	0		16.24		17.50
100	QPSK	135	69		16.28		17.50
100	QPSK	135	138		16.22		17.50
100	QPSK	270	0		16.24		17.50
100	16QAM	1	1		16.23		17.50
100	64QAM	1	1		16.27		17.50
100	256QAM	1	1		16.26		17.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	16.21	16.25	16.22	17.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	16.10	16.21	16.14	17.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	16.10	16.15	16.21	17.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	16.12	16.15	16.08	17.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	16.15	16.23	16.13	17.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	16.12	16.14	16.12	17.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	16.14	16.23	16.20	17.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	16.11	16.19	16.07	17.50

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

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		16.25		17.50
100	PI/2 BPSK	1	137		16.05		17.50
100	PI/2 BPSK	1	271		16.12		17.50
100	PI/2 BPSK	135	0		16.15		17.50
100	PI/2 BPSK	135	69		16.20		17.50
100	PI/2 BPSK	135	138		16.13		17.50
100	PI/2 BPSK	270	0		16.23		17.50
100	QPSK	1	1		16.19		17.50
100	QPSK	1	137		16.13		17.50
100	QPSK	1	271		16.04		17.50
100	QPSK	135	0		16.02		17.50
100	QPSK	135	69		16.14		17.50
100	QPSK	135	138		16.11		17.50
100	QPSK	270	0		16.09		17.50
100	16QAM	1	1		16.06		17.50
100	64QAM	1	1		16.18		17.50
100	256QAM	1	1		16.16		17.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	16.17	16.22	16.19	17.50
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	16.09	16.14	16.12	17.50
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	16.14	16.11	16.09	17.50
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	16.06	16.19	16.16	17.50
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	16.07	16.15	16.14	17.50
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	16.13	16.10	16.12	17.50
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	16.16	16.09	16.17	17.50
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	16.10	16.14	16.10	17.50

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

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		20.04		21.00
100	PI/2 BPSK	1	137		19.80		21.00
100	PI/2 BPSK	1	271		19.77		21.00
100	PI/2 BPSK	135	0		19.88		21.00
100	PI/2 BPSK	135	69		19.93		21.00
100	PI/2 BPSK	135	138		19.72		21.00
100	PI/2 BPSK	270	0		19.84		21.00
100	QPSK	1	1		19.99		21.00
100	QPSK	1	137		19.90		21.00
100	QPSK	1	271		19.86		21.00
100	QPSK	135	0		20.04		21.00
100	QPSK	135	69		19.74		21.00
100	QPSK	135	138		19.71		21.00
100	QPSK	270	0		19.86		21.00
100	16QAM	1	1		20.09		21.00
100	64QAM	1	1		20.07		21.00
100	256QAM	1	1		20.01		21.00



	Channel			633000	633332	633666	Tune-up limit
	Frequency (MHz)			3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	19.86	19.96	19.89	21.00
	Channel			632668	633332	634000	Tune-up limit
	Frequency (MHz)			3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	19.81	19.88	19.81	21.00
	Channel			632334	633332	634332	Tune-up limit
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	19.85	19.82	19.80	21.00
	Channel			632000	633332	634666	Tune-up limit
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	19.76	19.82	19.85	21.00
	Channel			631668	633332	635000	Tune-up limit
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	19.79	19.86	19.78	21.00
	Channel			631334	633332	635332	Tune-up limit
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	19.78	19.82	19.82	21.00
	Channel			631000	633332	635666	Tune-up limit
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	19.74	19.83	19.80	21.00
	Channel			630668	633332	636000	Tune-up limit
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	19.75	19.87	19.82	21.00

【FR1 n78 (270)_FCC_Part 270 (3700~3800MHz)_Ant 5_Sensor off】

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		20.23		21.00
100	PI/2 BPSK	1	137		20.21		21.00
100	PI/2 BPSK	1	271		20.13		21.00
100	PI/2 BPSK	135	0		20.16		21.00
100	PI/2 BPSK	135	69		20.21		21.00
100	PI/2 BPSK	135	138		20.10		21.00
100	PI/2 BPSK	270	0		20.20		21.00
100	QPSK	1	1		20.20		21.00
100	QPSK	1	137		20.13		21.00
100	QPSK	1	271		20.18		21.00
100	QPSK	135	0		20.16		21.00
100	QPSK	135	69		20.19		21.00
100	QPSK	135	138		20.11		21.00
100	QPSK	270	0		20.13		21.00
100	16QAM	1	1		20.02		21.00
100	64QAM	1	1		20.03		21.00
100	256QAM	1	1		20.11		21.00
	Channel			649668	650000	650332	Tune-up limit
	Frequency (MHz)			3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	20.06	20.16	20.12	21.00
	Channel			649334	650000	650666	Tune-up limit
	Frequency (MHz)			3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	19.98	20.10	20.05	21.00
	Channel			649000	650000	651000	Tune-up limit
	Frequency (MHz)			3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	19.92	20.04	20.01	21.00
	Channel			648668	650000	651332	Tune-up limit
	Frequency (MHz)			3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	20.02	20.04	20.07	21.00
	Channel			648334	650000	651666	Tune-up limit
	Frequency (MHz)			3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	19.92	20.01	20.08	21.00
	Channel			648000	650000	652000	Tune-up limit
	Frequency (MHz)			3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	19.91	20.05	20.02	21.00
	Channel			647668	650000	652332	Tune-up limit
	Frequency (MHz)			3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	19.99	20.02	20.07	21.00
	Channel			647334	650000	652666	Tune-up limit
	Frequency (MHz)			3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	20.01	20.06	20.02	21.00



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

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		20.04		21.00
100	PI/2 BPSK	1	137		19.80		21.00
100	PI/2 BPSK	1	271		19.77		21.00
100	PI/2 BPSK	135	0		19.88		21.00
100	PI/2 BPSK	135	69		19.93		21.00
100	PI/2 BPSK	135	138		19.72		21.00
100	PI/2 BPSK	270	0		19.84		21.00
100	QPSK	1	1		19.99		21.00
100	QPSK	1	137		19.90		21.00
100	QPSK	1	271		19.86		21.00
100	QPSK	135	0		20.04		21.00
100	QPSK	135	69		19.74		21.00
100	QPSK	135	138		19.71		21.00
100	QPSK	270	0		19.86		21.00
100	16QAM	1	1		20.09		21.00
100	64QAM	1	1		20.07		21.00
100	256QAM	1	1		20.01		21.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	19.86	19.96	19.89	21.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	19.81	19.88	19.81	21.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	19.85	19.82	19.80	21.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	19.76	19.82	19.85	21.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	19.79	19.86	19.78	21.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	19.78	19.82	19.82	21.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	19.74	19.83	19.80	21.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	19.75	19.87	19.82	21.00

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

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		20.23		21.00
100	PI/2 BPSK	1	137		20.21		21.00
100	PI/2 BPSK	1	271		20.13		21.00
100	PI/2 BPSK	135	0		20.16		21.00
100	PI/2 BPSK	135	69		20.21		21.00
100	PI/2 BPSK	135	138		20.10		21.00
100	PI/2 BPSK	270	0		20.20		21.00
100	QPSK	1	1		20.20		21.00
100	QPSK	1	137		20.13		21.00
100	QPSK	1	271		20.18		21.00
100	QPSK	135	0		20.16		21.00
100	QPSK	135	69		20.19		21.00
100	QPSK	135	138		20.11		21.00
100	QPSK	270	0		20.13		21.00
100	16QAM	1	1		20.02		21.00
100	64QAM	1	1		20.03		21.00
100	256QAM	1	1		20.11		21.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)



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90	PI/2 BPSK	1	1	20.06	20.16	20.12	21.00
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	19.98	20.10	20.05	21.00
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	19.92	20.04	20.01	21.00
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	20.02	20.04	20.07	21.00
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	19.92	20.01	20.08	21.00
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	19.91	20.05	20.02	21.00
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	19.99	20.02	20.07	21.00
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	20.01	20.06	20.02	21.00

【FR1 n78 (27Q)___FCC_Part 27Q (3450~3550MHz)_Ant 5_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		20.04		21.00
100	PI/2 BPSK	1	137		19.80		21.00
100	PI/2 BPSK	1	271		19.77		21.00
100	PI/2 BPSK	135	0		19.88		21.00
100	PI/2 BPSK	135	69		19.93		21.00
100	PI/2 BPSK	135	138		19.72		21.00
100	PI/2 BPSK	270	0		19.84		21.00
100	QPSK	1	1		19.99		21.00
100	QPSK	1	137		19.90		21.00
100	QPSK	1	271		19.86		21.00
100	QPSK	135	0		20.04		21.00
100	QPSK	135	69		19.74		21.00
100	QPSK	135	138		19.71		21.00
100	QPSK	270	0		19.86		21.00
100	16QAM	1	1		20.09		21.00
100	64QAM	1	1		20.07		21.00
100	256QAM	1	1		20.01		21.00
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	19.86	19.96	19.89	21.00
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	19.81	19.88	19.81	21.00
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	19.85	19.82	19.80	21.00
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	19.76	19.82	19.85	21.00
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	19.79	19.86	19.78	21.00
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	19.78	19.82	19.82	21.00
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	19.74	19.83	19.80	21.00
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	19.75	19.87	19.82	21.00

【FR1 n78 (270) _FCC_Part 270 (3700~3800MHz)_Ant 5_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		20.23		21.00
100	PI/2 BPSK	1	137		20.21		21.00
100	PI/2 BPSK	1	271		20.13		21.00
100	PI/2 BPSK	135	0		20.16		21.00
100	PI/2 BPSK	135	69		20.21		21.00
100	PI/2 BPSK	135	138		20.10		21.00
100	PI/2 BPSK	270	0		20.20		21.00
100	QPSK	1	1		20.20		21.00
100	QPSK	1	137		20.13		21.00
100	QPSK	1	271		20.18		21.00
100	QPSK	135	0		20.16		21.00
100	QPSK	135	69		20.19		21.00
100	QPSK	135	138		20.11		21.00
100	QPSK	270	0		20.13		21.00
100	16QAM	1	1		20.02		21.00
100	64QAM	1	1		20.03		21.00
100	256QAM	1	1		20.11		21.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	20.06	20.16	20.12	21.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	19.98	20.10	20.05	21.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	19.92	20.04	20.01	21.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	20.02	20.04	20.07	21.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	19.92	20.01	20.08	21.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	19.91	20.05	20.02	21.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	19.99	20.02	20.07	21.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	20.01	20.06	20.02	21.00

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

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		20.04		21.00
100	PI/2 BPSK	1	137		19.80		21.00
100	PI/2 BPSK	1	271		19.77		21.00
100	PI/2 BPSK	135	0		19.88		21.00
100	PI/2 BPSK	135	69		19.93		21.00
100	PI/2 BPSK	135	138		19.72		21.00
100	PI/2 BPSK	270	0		19.84		21.00
100	QPSK	1	1		19.99		21.00
100	QPSK	1	137		19.90		21.00
100	QPSK	1	271		19.86		21.00
100	QPSK	135	0		20.04		21.00
100	QPSK	135	69		19.74		21.00
100	QPSK	135	138		19.71		21.00
100	QPSK	270	0		19.86		21.00
100	16QAM	1	1		20.09		21.00
100	64QAM	1	1		20.07		21.00
100	256QAM	1	1		20.01		21.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	19.86	19.96	19.89	21.00



Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	19.81	19.88	19.81	21.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	19.85	19.82	19.80	21.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	19.76	19.82	19.85	21.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	19.79	19.86	19.78	21.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	19.78	19.82	19.82	21.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	19.74	19.83	19.80	21.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	19.75	19.87	19.82	21.00

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

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		20.23		21.00
100	PI/2 BPSK	1	137		20.21		21.00
100	PI/2 BPSK	1	271		20.13		21.00
100	PI/2 BPSK	135	0		20.16		21.00
100	PI/2 BPSK	135	69		20.21		21.00
100	PI/2 BPSK	135	138		20.10		21.00
100	PI/2 BPSK	270	0		20.20		21.00
100	QPSK	1	1		20.20		21.00
100	QPSK	1	137		20.13		21.00
100	QPSK	1	271		20.18		21.00
100	QPSK	135	0		20.16		21.00
100	QPSK	135	69		20.19		21.00
100	QPSK	135	138		20.11		21.00
100	QPSK	270	0		20.13		21.00
100	16QAM	1	1		20.02		21.00
100	64QAM	1	1		20.03		21.00
100	256QAM	1	1		20.11		21.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	20.06	20.16	20.12	21.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	19.98	20.10	20.05	21.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	19.92	20.04	20.01	21.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	20.02	20.04	20.07	21.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	19.92	20.01	20.08	21.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	19.91	20.05	20.02	21.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	19.99	20.02	20.07	21.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	20.01	20.06	20.02	21.00

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

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		12.95		14.00
100	PI/2 BPSK	1	137		12.63		14.00
100	PI/2 BPSK	1	271		12.64		14.00
100	PI/2 BPSK	135	0		12.72		14.00
100	PI/2 BPSK	135	69		12.92		14.00
100	PI/2 BPSK	135	138		12.80		14.00
100	PI/2 BPSK	270	0		12.68		14.00
100	QPSK	1	1		12.68		14.00
100	QPSK	1	137		12.69		14.00
100	QPSK	1	271		12.69		14.00
100	QPSK	135	0		12.70		14.00
100	QPSK	135	69		12.71		14.00
100	QPSK	135	138		12.74		14.00
100	QPSK	270	0		12.63		14.00
100	16QAM	1	1		12.71		14.00
100	64QAM	1	1		12.79		14.00
100	256QAM	1	1		12.64		14.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	12.83	12.89	12.79	14.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	12.81	12.76	12.77	14.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	12.72	12.83	12.66	14.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	12.69	12.86	12.67	14.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	12.70	12.87	12.69	14.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	12.78	12.75	12.71	14.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	12.70	12.79	12.67	14.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	12.81	12.75	12.67	14.00

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

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		13.36		14.00
100	PI/2 BPSK	1	137		13.12		14.00
100	PI/2 BPSK	1	271		13.21		14.00
100	PI/2 BPSK	135	0		13.18		14.00
100	PI/2 BPSK	135	69		13.32		14.00
100	PI/2 BPSK	135	138		13.16		14.00
100	PI/2 BPSK	270	0		13.26		14.00
100	QPSK	1	1		13.25		14.00
100	QPSK	1	137		13.13		14.00
100	QPSK	1	271		13.10		14.00
100	QPSK	135	0		13.30		14.00
100	QPSK	135	69		13.31		14.00
100	QPSK	135	138		13.12		14.00
100	QPSK	270	0		13.18		14.00
100	16QAM	1	1		13.08		14.00
100	64QAM	1	1		13.18		14.00
100	256QAM	1	1		13.31		14.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)



90	PI/2 BPSK	1	1	13.29	13.33	13.24	14.00
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	13.20	13.26	13.12	14.00
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	13.24	13.27	13.20	14.00
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	13.20	13.24	13.22	14.00
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	13.15	13.30	13.15	14.00
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	13.27	13.30	13.22	14.00
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	13.21	13.22	13.22	14.00
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	13.19	13.29	13.10	14.00

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

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		12.95		14.00
100	PI/2 BPSK	1	137		12.63		14.00
100	PI/2 BPSK	1	271		12.64		14.00
100	PI/2 BPSK	135	0		12.72		14.00
100	PI/2 BPSK	135	69		12.92		14.00
100	PI/2 BPSK	135	138		12.80		14.00
100	PI/2 BPSK	270	0		12.68		14.00
100	QPSK	1	1		12.68		14.00
100	QPSK	1	137		12.69		14.00
100	QPSK	1	271		12.69		14.00
100	QPSK	135	0		12.70		14.00
100	QPSK	135	69		12.71		14.00
100	QPSK	135	138		12.74		14.00
100	QPSK	270	0		12.63		14.00
100	16QAM	1	1		12.71		14.00
100	64QAM	1	1		12.79		14.00
100	256QAM	1	1		12.64		14.00
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	12.83	12.89	12.79	14.00
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	12.81	12.76	12.77	14.00
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	12.72	12.83	12.66	14.00
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	12.69	12.86	12.67	14.00
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	12.70	12.87	12.69	14.00
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	12.78	12.75	12.71	14.00
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	12.70	12.79	12.67	14.00
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	12.81	12.75	12.67	14.00

【FR1 n78 (270) _FCC_Part 270 (3700~3800MHz)_Ant 5_Hotspot on】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		13.36		14.00
100	PI/2 BPSK	1	137		13.12		14.00
100	PI/2 BPSK	1	271		13.21		14.00
100	PI/2 BPSK	135	0		13.18		14.00
100	PI/2 BPSK	135	69		13.32		14.00
100	PI/2 BPSK	135	138		13.16		14.00
100	PI/2 BPSK	270	0		13.26		14.00
100	QPSK	1	1		13.25		14.00
100	QPSK	1	137		13.13		14.00
100	QPSK	1	271		13.10		14.00
100	QPSK	135	0		13.30		14.00
100	QPSK	135	69		13.31		14.00
100	QPSK	135	138		13.12		14.00
100	QPSK	270	0		13.18		14.00
100	16QAM	1	1		13.08		14.00
100	64QAM	1	1		13.18		14.00
100	256QAM	1	1		13.31		14.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	13.29	13.33	13.24	14.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	13.20	13.26	13.12	14.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	13.24	13.27	13.20	14.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	13.20	13.24	13.22	14.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	13.15	13.30	13.15	14.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	13.27	13.30	13.22	14.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	13.21	13.22	13.22	14.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	13.19	13.29	13.10	14.00

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

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		12.95		14.00
100	PI/2 BPSK	1	137		12.63		14.00
100	PI/2 BPSK	1	271		12.64		14.00
100	PI/2 BPSK	135	0		12.72		14.00
100	PI/2 BPSK	135	69		12.92		14.00
100	PI/2 BPSK	135	138		12.80		14.00
100	PI/2 BPSK	270	0		12.68		14.00
100	QPSK	1	1		12.68		14.00
100	QPSK	1	137		12.69		14.00
100	QPSK	1	271		12.69		14.00
100	QPSK	135	0		12.70		14.00
100	QPSK	135	69		12.71		14.00
100	QPSK	135	138		12.74		14.00
100	QPSK	270	0		12.63		14.00
100	16QAM	1	1		12.71		14.00
100	64QAM	1	1		12.79		14.00
100	256QAM	1	1		12.64		14.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	12.83	12.89	12.79	14.00



Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	12.81	12.76	12.77	14.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	12.72	12.83	12.66	14.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	12.69	12.86	12.67	14.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	12.70	12.87	12.69	14.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	12.78	12.75	12.71	14.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	12.70	12.79	12.67	14.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	12.81	12.75	12.67	14.00

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

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		13.36		14.00
100	PI/2 BPSK	1	137		13.12		14.00
100	PI/2 BPSK	1	271		13.21		14.00
100	PI/2 BPSK	135	0		13.18		14.00
100	PI/2 BPSK	135	69		13.32		14.00
100	PI/2 BPSK	135	138		13.16		14.00
100	PI/2 BPSK	270	0		13.26		14.00
100	QPSK	1	1		13.25		14.00
100	QPSK	1	137		13.13		14.00
100	QPSK	1	271		13.10		14.00
100	QPSK	135	0		13.30		14.00
100	QPSK	135	69		13.31		14.00
100	QPSK	135	138		13.12		14.00
100	QPSK	270	0		13.18		14.00
100	16QAM	1	1		13.08		14.00
100	64QAM	1	1		13.18		14.00
100	256QAM	1	1		13.31		14.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	13.29	13.33	13.24	14.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	13.20	13.26	13.12	14.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	13.24	13.27	13.20	14.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	13.20	13.24	13.22	14.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	13.15	13.30	13.15	14.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	13.27	13.30	13.22	14.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	13.21	13.22	13.22	14.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	13.19	13.29	13.10	14.00

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

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		12.95		14.00
100	PI/2 BPSK	1	137		12.63		14.00
100	PI/2 BPSK	1	271		12.64		14.00
100	PI/2 BPSK	135	0		12.72		14.00
100	PI/2 BPSK	135	69		12.92		14.00
100	PI/2 BPSK	135	138		12.80		14.00
100	PI/2 BPSK	270	0		12.68		14.00
100	QPSK	1	1		12.68		14.00
100	QPSK	1	137		12.69		14.00
100	QPSK	1	271		12.69		14.00
100	QPSK	135	0		12.70		14.00
100	QPSK	135	69		12.71		14.00
100	QPSK	135	138		12.74		14.00
100	QPSK	270	0		12.63		14.00
100	16QAM	1	1		12.71		14.00
100	64QAM	1	1		12.79		14.00
100	256QAM	1	1		12.64		14.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	12.83	12.89	12.79	14.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	12.81	12.76	12.77	14.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	12.72	12.83	12.66	14.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	12.69	12.86	12.67	14.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	12.70	12.87	12.69	14.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	12.78	12.75	12.71	14.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	12.70	12.79	12.67	14.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	12.81	12.75	12.67	14.00

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

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		13.36		14.00
100	PI/2 BPSK	1	137		13.12		14.00
100	PI/2 BPSK	1	271		13.21		14.00
100	PI/2 BPSK	135	0		13.18		14.00
100	PI/2 BPSK	135	69		13.32		14.00
100	PI/2 BPSK	135	138		13.16		14.00
100	PI/2 BPSK	270	0		13.26		14.00
100	QPSK	1	1		13.25		14.00
100	QPSK	1	137		13.13		14.00
100	QPSK	1	271		13.10		14.00
100	QPSK	135	0		13.30		14.00
100	QPSK	135	69		13.31		14.00
100	QPSK	135	138		13.12		14.00
100	QPSK	270	0		13.18		14.00
100	16QAM	1	1		13.08		14.00
100	64QAM	1	1		13.18		14.00
100	256QAM	1	1		13.31		14.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)



90	PI/2 BPSK	1	1	13.29	13.33	13.24	14.00
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	13.20	13.26	13.12	14.00
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	13.24	13.27	13.20	14.00
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	13.20	13.24	13.22	14.00
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	13.15	13.30	13.15	14.00
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	13.27	13.30	13.22	14.00
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	13.21	13.22	13.22	14.00
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	13.19	13.29	13.10	14.00

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

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		19.15		20.50
100	PI/2 BPSK	1	137		19.11		20.50
100	PI/2 BPSK	1	271		19.10		20.50
100	PI/2 BPSK	135	0		18.99		20.50
100	PI/2 BPSK	135	69		19.05		20.50
100	PI/2 BPSK	135	138		18.98		20.50
100	PI/2 BPSK	270	0		19.07		20.50
100	QPSK	1	1		18.97		20.50
100	QPSK	1	137		19.14		20.50
100	QPSK	1	271		19.16		20.50
100	QPSK	135	0		18.98		20.50
100	QPSK	135	69		19.05		20.50
100	QPSK	135	138		19.04		20.50
100	QPSK	270	0		19.03		20.50
100	16QAM	1	1		19.08		20.50
100	64QAM	1	1		19.12		20.50
100	256QAM	1	1		18.47		20.00
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	19.06	19.11	19.10	20.50
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	19.01	19.03	19.00	20.50
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	18.95	18.97	19.09	20.50
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	18.95	19.00	18.95	20.50
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	19.04	18.98	19.09	20.50
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	19.04	19.03	19.06	20.50
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	18.92	18.97	19.00	20.50
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	18.94	19.09	19.05	20.50


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

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		20.06		20.50
100	PI/2 BPSK	1	137		20.02		20.50
100	PI/2 BPSK	1	271		19.91		20.50
100	PI/2 BPSK	135	0		19.87		20.50
100	PI/2 BPSK	135	69		19.90		20.50
100	PI/2 BPSK	135	138		19.81		20.50
100	PI/2 BPSK	270	0		19.89		20.50
100	QPSK	1	1		20.04		20.50
100	QPSK	1	137		20.02		20.50
100	QPSK	1	271		19.96		20.50
100	QPSK	135	0		19.93		20.50
100	QPSK	135	69		19.88		20.50
100	QPSK	135	138		19.88		20.50
100	QPSK	270	0		19.90		20.50
100	16QAM	1	1		20.10		20.50
100	64QAM	1	1		20.22		20.50
100	256QAM	1	1		19.81		20.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	19.98	20.01	19.95	20.50
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	19.84	19.99	19.84	20.50
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	19.94	19.97	19.82	20.50
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	19.91	19.96	19.91	20.50
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	19.93	19.95	19.84	20.50
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	19.85	19.99	19.86	20.50
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	19.83	19.92	19.93	20.50
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	19.96	19.95	19.81	20.50

【FR1 n78 (27Q) _FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 6_Sensor off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		22.14		23.50
100	PI/2 BPSK	1	137		22.11		23.50
100	PI/2 BPSK	1	271		22.10		23.50
100	PI/2 BPSK	135	0		21.96		23.50
100	PI/2 BPSK	135	69		22.08		23.50
100	PI/2 BPSK	135	138		22.01		23.50
100	PI/2 BPSK	270	0		22.08		23.50
100	QPSK	1	1		21.52		23.50
100	QPSK	1	137		21.70		23.50
100	QPSK	1	271		21.97		23.50
100	QPSK	135	0		22.03		23.50
100	QPSK	135	69		21.77		23.50
100	QPSK	135	138		21.62		23.50
100	QPSK	270	0		22.06		23.50
100	16QAM	1	1		21.89		23.50
100	64QAM	1	1		20.85		22.00
100	256QAM	1	1		18.46		20.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	22.05	22.11	22.01	23.50



Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	21.94	22.07	21.88	23.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	21.98	21.96	21.99	23.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	21.99	22.03	21.95	23.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	22.04	22.05	21.92	23.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	21.97	21.97	21.98	23.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	22.00	22.06	21.90	23.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	21.92	22.05	21.91	23.50

【FR1 n78 (270)_FCC_Part 270 (3700~3800MHz)_HPUE_Ant 6_Sensor off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		22.86		23.50
100	PI/2 BPSK	1	137		22.84		23.50
100	PI/2 BPSK	1	271		22.81		23.50
100	PI/2 BPSK	135	0		22.25		23.50
100	PI/2 BPSK	135	69		22.52		23.50
100	PI/2 BPSK	135	138		22.21		23.50
100	PI/2 BPSK	270	0		22.09		23.50
100	QPSK	1	1		21.68		23.50
100	QPSK	1	137		21.68		23.50
100	QPSK	1	271		21.89		23.50
100	QPSK	135	0		21.96		23.50
100	QPSK	135	69		21.67		23.50
100	QPSK	135	138		22.04		23.50
100	QPSK	270	0		21.98		23.50
100	16QAM	1	1		22.10		23.50
100	64QAM	1	1		20.99		22.00
100	256QAM	1	1		18.64		20.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	22.73	22.81	22.75	23.50
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	22.59	22.74	22.69	23.50
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	22.67	22.70	22.71	23.50
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	22.59	22.78	22.74	23.50
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	22.64	22.72	22.72	23.50
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	22.66	22.72	22.72	23.50
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	22.69	22.77	22.62	23.50
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	22.59	22.69	22.68	23.50

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

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		19.15		20.50
100	PI/2 BPSK	1	137		19.11		20.50
100	PI/2 BPSK	1	271		19.10		20.50
100	PI/2 BPSK	135	0		18.99		20.50
100	PI/2 BPSK	135	69		19.05		20.50
100	PI/2 BPSK	135	138		18.98		20.50
100	PI/2 BPSK	270	0		19.07		20.50
100	QPSK	1	1		18.97		20.50
100	QPSK	1	137		19.14		20.50
100	QPSK	1	271		19.16		20.50
100	QPSK	135	0		18.98		20.50
100	QPSK	135	69		19.05		20.50
100	QPSK	135	138		19.04		20.50
100	QPSK	270	0		19.03		20.50
100	16QAM	1	1		19.08		20.50
100	64QAM	1	1		19.12		20.50
100	256QAM	1	1		18.47		20.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	19.06	19.11	19.10	20.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	19.01	19.03	19.00	20.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	18.95	18.97	19.09	20.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	18.95	19.00	18.95	20.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	19.04	18.98	19.09	20.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	19.04	19.03	19.06	20.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	18.92	18.97	19.00	20.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	18.94	19.09	19.05	20.50

【FR1 n78 (27O)_FCC_Part 27O (3700~3800MHz)_Ant 6_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		20.06		20.50
100	PI/2 BPSK	1	137		20.02		20.50
100	PI/2 BPSK	1	271		19.91		20.50
100	PI/2 BPSK	135	0		19.87		20.50
100	PI/2 BPSK	135	69		19.90		20.50
100	PI/2 BPSK	135	138		19.81		20.50
100	PI/2 BPSK	270	0		19.89		20.50
100	QPSK	1	1		20.04		20.50
100	QPSK	1	137		20.02		20.50
100	QPSK	1	271		19.96		20.50
100	QPSK	135	0		19.93		20.50
100	QPSK	135	69		19.88		20.50
100	QPSK	135	138		19.88		20.50
100	QPSK	270	0		19.90		20.50
100	16QAM	1	1		20.10		20.50
100	64QAM	1	1		20.22		20.50
100	256QAM	1	1		19.81		20.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)



90	PI/2 BPSK	1	1	19.98	20.01	19.95	20.50
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	19.84	19.99	19.84	20.50
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	19.94	19.97	19.82	20.50
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	19.91	19.96	19.91	20.50
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	19.93	19.95	19.84	20.50
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	19.85	19.99	19.86	20.50
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	19.83	19.92	19.93	20.50
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	19.96	19.95	19.81	20.50

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 6_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		22.14		23.50
100	PI/2 BPSK	1	137		22.11		23.50
100	PI/2 BPSK	1	271		22.10		23.50
100	PI/2 BPSK	135	0		21.96		23.50
100	PI/2 BPSK	135	69		22.08		23.50
100	PI/2 BPSK	135	138		22.01		23.50
100	PI/2 BPSK	270	0		22.08		23.50
100	QPSK	1	1		21.52		23.50
100	QPSK	1	137		21.70		23.50
100	QPSK	1	271		21.97		23.50
100	QPSK	135	0		22.03		23.50
100	QPSK	135	69		21.77		23.50
100	QPSK	135	138		21.62		23.50
100	QPSK	270	0		22.06		23.50
100	16QAM	1	1		21.89		23.50
100	64QAM	1	1		20.85		22.00
100	256QAM	1	1		18.46		20.00
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	22.05	22.11	22.01	23.50
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	21.94	22.07	21.88	23.50
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	21.98	21.96	21.99	23.50
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	21.99	22.03	21.95	23.50
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	22.04	22.05	21.92	23.50
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	21.97	21.97	21.98	23.50
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	22.00	22.06	21.90	23.50
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	21.92	22.05	21.91	23.50

【FR1 n78 (270)_FCC_Part 270 (3700~3800MHz)_HPUE_Ant 6_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		22.86		23.50
100	PI/2 BPSK	1	137		22.84		23.50
100	PI/2 BPSK	1	271		22.81		23.50
100	PI/2 BPSK	135	0		22.25		23.50
100	PI/2 BPSK	135	69		22.52		23.50
100	PI/2 BPSK	135	138		22.21		23.50
100	PI/2 BPSK	270	0		22.09		23.50
100	QPSK	1	1		21.68		23.50
100	QPSK	1	137		21.68		23.50
100	QPSK	1	271		21.89		23.50
100	QPSK	135	0		21.96		23.50
100	QPSK	135	69		21.67		23.50
100	QPSK	135	138		22.04		23.50
100	QPSK	270	0		21.98		23.50
100	16QAM	1	1		22.10		23.50
100	64QAM	1	1		20.99		22.00
100	256QAM	1	1		18.64		20.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	22.73	22.81	22.75	23.50
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	22.59	22.74	22.69	23.50
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	22.67	22.70	22.71	23.50
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	22.59	22.78	22.74	23.50
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	22.64	22.72	22.72	23.50
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	22.66	22.72	22.72	23.50
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	22.69	22.77	22.62	23.50
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	22.59	22.69	22.68	23.50

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

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		16.67		18.00
100	PI/2 BPSK	1	137		16.58		18.00
100	PI/2 BPSK	1	271		16.55		18.00
100	PI/2 BPSK	135	0		16.44		18.00
100	PI/2 BPSK	135	69		16.65		18.00
100	PI/2 BPSK	135	138		16.58		18.00
100	PI/2 BPSK	270	0		16.46		18.00
100	QPSK	1	1		16.43		18.00
100	QPSK	1	137		16.53		18.00
100	QPSK	1	271		16.44		18.00
100	QPSK	135	0		16.54		18.00
100	QPSK	135	69		16.51		18.00
100	QPSK	135	138		16.43		18.00
100	QPSK	270	0		16.50		18.00
100	16QAM	1	1		16.53		18.00
100	64QAM	1	1		16.42		18.00
100	256QAM	1	1		16.55		18.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	16.53	16.56	16.49	18.00



Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	16.43	16.50	16.40	18.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	16.39	16.55	16.41	18.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	16.46	16.50	16.38	18.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	16.48	16.50	16.44	18.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	16.42	16.49	16.47	18.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	16.46	16.51	16.37	18.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	16.41	16.55	16.39	18.00

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

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		17.39		18.00
100	PI/2 BPSK	1	137		17.21		18.00
100	PI/2 BPSK	1	271		17.13		18.00
100	PI/2 BPSK	135	0		17.21		18.00
100	PI/2 BPSK	135	69		17.38		18.00
100	PI/2 BPSK	135	138		17.20		18.00
100	PI/2 BPSK	270	0		17.13		18.00
100	QPSK	1	1		17.16		18.00
100	QPSK	1	137		17.12		18.00
100	QPSK	1	271		17.23		18.00
100	QPSK	135	0		17.18		18.00
100	QPSK	135	69		17.08		18.00
100	QPSK	135	138		17.10		18.00
100	QPSK	270	0		17.14		18.00
100	16QAM	1	1		17.23		18.00
100	64QAM	1	1		17.17		18.00
100	256QAM	1	1		17.08		18.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	17.26	17.32	17.22	18.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	17.11	17.20	17.09	18.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	17.11	17.21	17.16	18.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	17.16	17.25	17.16	18.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	17.20	17.20	17.19	18.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	17.14	17.19	17.17	18.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	17.20	17.25	17.15	18.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	17.17	17.29	17.20	18.00

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

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		16.67		18.00
100	PI/2 BPSK	1	137		16.58		18.00
100	PI/2 BPSK	1	271		16.55		18.00
100	PI/2 BPSK	135	0		16.44		18.00
100	PI/2 BPSK	135	69		16.65		18.00
100	PI/2 BPSK	135	138		16.58		18.00
100	PI/2 BPSK	270	0		16.46		18.00
100	QPSK	1	1		16.43		18.00
100	QPSK	1	137		16.53		18.00
100	QPSK	1	271		16.44		18.00
100	QPSK	135	0		16.54		18.00
100	QPSK	135	69		16.51		18.00
100	QPSK	135	138		16.43		18.00
100	QPSK	270	0		16.50		18.00
100	16QAM	1	1		16.53		18.00
100	64QAM	1	1		16.42		18.00
100	256QAM	1	1		16.55		18.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	16.53	16.56	16.49	18.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	16.43	16.50	16.40	18.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	16.39	16.55	16.41	18.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	16.46	16.50	16.38	18.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	16.48	16.50	16.44	18.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	16.42	16.49	16.47	18.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	16.46	16.51	16.37	18.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	16.41	16.55	16.39	18.00

【FR1 n78 (27O)_FCC_Part 27O (3700~3800MHz)_Ant 6_Hotspot on】

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		17.39		18.00
100	PI/2 BPSK	1	137		17.21		18.00
100	PI/2 BPSK	1	271		17.13		18.00
100	PI/2 BPSK	135	0		17.21		18.00
100	PI/2 BPSK	135	69		17.38		18.00
100	PI/2 BPSK	135	138		17.20		18.00
100	PI/2 BPSK	270	0		17.13		18.00
100	QPSK	1	1		17.16		18.00
100	QPSK	1	137		17.12		18.00
100	QPSK	1	271		17.23		18.00
100	QPSK	135	0		17.18		18.00
100	QPSK	135	69		17.08		18.00
100	QPSK	135	138		17.10		18.00
100	QPSK	270	0		17.14		18.00
100	16QAM	1	1		17.23		18.00
100	64QAM	1	1		17.17		18.00
100	256QAM	1	1		17.08		18.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)



90	PI/2 BPSK	1	1	17.26	17.32	17.22	18.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	17.11	17.20	17.09	18.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	17.11	17.21	17.16	18.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	17.16	17.25	17.16	18.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	17.20	17.20	17.19	18.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	17.14	17.19	17.17	18.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	17.20	17.25	17.15	18.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	17.17	17.29	17.20	18.00

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 6_Sensor on】

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		16.67		18.00
100	PI/2 BPSK	1	137		16.58		18.00
100	PI/2 BPSK	1	271		16.55		18.00
100	PI/2 BPSK	135	0		16.44		18.00
100	PI/2 BPSK	135	69		16.65		18.00
100	PI/2 BPSK	135	138		16.58		18.00
100	PI/2 BPSK	270	0		16.46		18.00
100	QPSK	1	1		16.43		18.00
100	QPSK	1	137		16.53		18.00
100	QPSK	1	271		16.44		18.00
100	QPSK	135	0		16.54		18.00
100	QPSK	135	69		16.51		18.00
100	QPSK	135	138		16.43		18.00
100	QPSK	270	0		16.50		18.00
100	16QAM	1	1		16.53		18.00
100	64QAM	1	1		16.42		18.00
100	256QAM	1	1		16.55		18.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	16.53	16.56	16.49	18.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	16.43	16.50	16.40	18.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	16.39	16.55	16.41	18.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	16.46	16.50	16.38	18.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	16.48	16.50	16.44	18.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	16.42	16.49	16.47	18.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	16.46	16.51	16.37	18.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	16.41	16.55	16.39	18.00



【FR1 n78 (270)_FCC_Part 270 (3700~3800MHz)_HPUE_Ant 6_Sensor on】

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		17.39		18.00
100	PI/2 BPSK	1	137		17.21		18.00
100	PI/2 BPSK	1	271		17.13		18.00
100	PI/2 BPSK	135	0		17.21		18.00
100	PI/2 BPSK	135	69		17.38		18.00
100	PI/2 BPSK	135	138		17.20		18.00
100	PI/2 BPSK	270	0		17.13		18.00
100	QPSK	1	1		17.16		18.00
100	QPSK	1	137		17.12		18.00
100	QPSK	1	271		17.23		18.00
100	QPSK	135	0		17.18		18.00
100	QPSK	135	69		17.08		18.00
100	QPSK	135	138		17.10		18.00
100	QPSK	270	0		17.14		18.00
100	16QAM	1	1		17.23		18.00
100	64QAM	1	1		17.17		18.00
100	256QAM	1	1		17.08		18.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	17.26	17.32	17.22	18.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	17.11	17.20	17.09	18.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	17.11	17.21	17.16	18.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	17.16	17.25	17.16	18.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	17.20	17.20	17.19	18.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	17.14	17.19	17.17	18.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	17.20	17.25	17.15	18.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	17.17	17.29	17.20	18.00

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 6_Hotspot on】

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		16.67		18.00
100	PI/2 BPSK	1	137		16.58		18.00
100	PI/2 BPSK	1	271		16.55		18.00
100	PI/2 BPSK	135	0		16.44		18.00
100	PI/2 BPSK	135	69		16.65		18.00
100	PI/2 BPSK	135	138		16.58		18.00
100	PI/2 BPSK	270	0		16.46		18.00
100	QPSK	1	1		16.43		18.00
100	QPSK	1	137		16.53		18.00
100	QPSK	1	271		16.44		18.00
100	QPSK	135	0		16.54		18.00
100	QPSK	135	69		16.51		18.00
100	QPSK	135	138		16.43		18.00
100	QPSK	270	0		16.50		18.00
100	16QAM	1	1		16.53		18.00
100	64QAM	1	1		16.42		18.00
100	256QAM	1	1		16.55		18.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	16.53	16.56	16.49	18.00



Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	16.43	16.50	16.40	18.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	16.39	16.55	16.41	18.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	16.46	16.50	16.38	18.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	16.48	16.50	16.44	18.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	16.42	16.49	16.47	18.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	16.46	16.51	16.37	18.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	16.41	16.55	16.39	18.00

【FR1 n78 (270)_FCC_Part 270 (3700~3800MHz)_HPUE_Ant 6_Hotspot on】

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		17.39		18.00
100	PI/2 BPSK	1	137		17.21		18.00
100	PI/2 BPSK	1	271		17.13		18.00
100	PI/2 BPSK	135	0		17.21		18.00
100	PI/2 BPSK	135	69		17.38		18.00
100	PI/2 BPSK	135	138		17.20		18.00
100	PI/2 BPSK	270	0		17.13		18.00
100	QPSK	1	1		17.16		18.00
100	QPSK	1	137		17.12		18.00
100	QPSK	1	271		17.23		18.00
100	QPSK	135	0		17.18		18.00
100	QPSK	135	69		17.08		18.00
100	QPSK	135	138		17.10		18.00
100	QPSK	270	0		17.14		18.00
100	16QAM	1	1		17.23		18.00
100	64QAM	1	1		17.17		18.00
100	256QAM	1	1		17.08		18.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	17.26	17.32	17.22	18.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	17.11	17.20	17.09	18.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	17.11	17.21	17.16	18.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	17.16	17.25	17.16	18.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	17.20	17.20	17.19	18.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	17.14	17.19	17.17	18.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	17.20	17.25	17.15	18.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	17.17	17.29	17.20	18.00



【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 7_Sensor off】

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		23.28		24.00
100	PI/2 BPSK	1	137		23.24		24.00
100	PI/2 BPSK	1	271		23.22		24.00
100	PI/2 BPSK	135	0		23.22		24.00
100	PI/2 BPSK	135	69		23.24		24.00
100	PI/2 BPSK	135	138		23.15		24.00
100	PI/2 BPSK	270	0		23.22		24.00
100	QPSK	1	1		23.35		24.00
100	QPSK	1	137		23.35		24.00
100	QPSK	1	271		23.23		24.00
100	QPSK	135	0		23.26		24.00
100	QPSK	135	69		23.24		24.00
100	QPSK	135	138		23.15		24.00
100	QPSK	270	0		23.22		24.00
100	16QAM	1	1		23.27		24.00
100	64QAM	1	1		23.21		24.00
100	256QAM	1	1		22.78		23.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	22.13	22.25	22.18	24.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	22.11	22.19	22.04	24.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	22.08	22.15	22.04	24.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	22.03	22.14	22.12	24.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	22.01	22.19	22.10	24.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	22.12	22.18	22.12	24.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	22.01	22.13	22.10	24.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	22.00	22.12	22.16	24.00

【FR1 n78 (27O)_FCC_Part 27O (3700~3800MHz)_Ant 7_Sensor off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		23.46		24.00
100	PI/2 BPSK	1	137		23.41		24.00
100	PI/2 BPSK	1	271		23.46		24.00
100	PI/2 BPSK	135	0		23.44		24.00
100	PI/2 BPSK	135	69		23.45		24.00
100	PI/2 BPSK	135	138		23.42		24.00
100	PI/2 BPSK	270	0		23.43		24.00
100	QPSK	1	1		23.42		24.00
100	QPSK	1	137		23.34		24.00
100	QPSK	1	271		23.52		24.00
100	QPSK	135	0		23.45		24.00
100	QPSK	135	69		23.48		24.00
100	QPSK	135	138		23.45		24.00
100	QPSK	270	0		23.48		24.00
100	16QAM	1	1		23.41		24.00
100	64QAM	1	1		23.48		24.00
100	256QAM	1	1		23.10		23.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)



90	PI/2 BPSK	1	1	23.33	23.41	23.38	24.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	23.24	23.34	23.33	24.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	23.29	23.32	23.27	24.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	23.31	23.30	23.28	24.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	23.18	23.27	23.27	24.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	23.27	23.38	23.28	24.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	23.24	23.31	23.24	24.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	23.31	23.27	23.32	24.00

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 7_Sensor off】

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		26.43		27.00
100	PI/2 BPSK	1	137		26.40		27.00
100	PI/2 BPSK	1	271		26.32		27.00
100	PI/2 BPSK	135	0		26.33		27.00
100	PI/2 BPSK	135	69		26.32		27.00
100	PI/2 BPSK	135	138		26.25		27.00
100	PI/2 BPSK	270	0		26.31		27.00
100	QPSK	1	1		26.42		27.00
100	QPSK	1	137		26.44		27.00
100	QPSK	1	271		26.37		27.00
100	QPSK	135	0		26.29		27.00
100	QPSK	135	69		26.33		27.00
100	QPSK	135	138		26.17		27.00
100	QPSK	270	0		26.32		27.00
100	16QAM	1	1		26.40		27.00
100	64QAM	1	1		25.13		25.50
100	256QAM	1	1		22.85		23.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	26.28	26.33	26.39	27.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	26.24	26.32	26.34	27.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	26.21	26.28	26.34	27.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	26.19	26.22	26.34	27.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	26.20	26.20	26.24	27.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	26.26	26.30	26.27	27.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	26.24	26.25	26.28	27.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	26.23	26.31	26.27	27.00



【FR1 n78 (270) _FCC_Part 270 (3700~3800MHz)_HPUE_Ant 7_Sensor off】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		26.60		27.00
100	PI/2 BPSK	1	137		26.59		27.00
100	PI/2 BPSK	1	271		26.60		27.00
100	PI/2 BPSK	135	0		26.55		27.00
100	PI/2 BPSK	135	69		26.57		27.00
100	PI/2 BPSK	135	138		26.52		27.00
100	PI/2 BPSK	270	0		26.60		27.00
100	QPSK	1	1		26.52		27.00
100	QPSK	1	137		26.56		27.00
100	QPSK	1	271		26.51		27.00
100	QPSK	135	0		26.59		27.00
100	QPSK	135	69		26.59		27.00
100	QPSK	135	138		26.56		27.00
100	QPSK	270	0		26.56		27.00
100	16QAM	1	1		26.52		27.00
100	64QAM	1	1		25.45		25.50
100	256QAM	1	1		23.16		23.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	26.48	26.52	26.41	27.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	26.46	26.47	26.32	27.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	26.36	26.47	26.35	27.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	26.34	26.44	26.26	27.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	26.44	26.50	26.33	27.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	26.43	26.39	26.38	27.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	26.44	26.37	26.32	27.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	26.39	26.48	26.33	27.00

【FR1 n78 (27Q) _FCC_Part 27Q (3450~3550MHz)_Ant 7_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.28		24.00
100	PI/2 BPSK	1	137		23.24		24.00
100	PI/2 BPSK	1	271		23.22		24.00
100	PI/2 BPSK	135	0		23.22		24.00
100	PI/2 BPSK	135	69		23.24		24.00
100	PI/2 BPSK	135	138		23.15		24.00
100	PI/2 BPSK	270	0		23.22		24.00
100	QPSK	1	1		23.35		24.00
100	QPSK	1	137		23.35		24.00
100	QPSK	1	271		23.23		24.00
100	QPSK	135	0		23.26		24.00
100	QPSK	135	69		23.24		24.00
100	QPSK	135	138		23.15		24.00
100	QPSK	270	0		23.22		24.00
100	16QAM	1	1		23.27		24.00
100	64QAM	1	1		23.21		24.00
100	256QAM	1	1		22.78		23.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	22.13	22.25	22.18	24.00



Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	22.11	22.19	22.04	24.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	22.08	22.15	22.04	24.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	22.03	22.14	22.12	24.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	22.01	22.19	22.10	24.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	22.12	22.18	22.12	24.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	22.01	22.13	22.10	24.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	22.00	22.12	22.16	24.00

【FR1 n78 (270)_FCC_Part 270 (3700~3800MHz)_Ant 7_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		23.46		24.00
100	PI/2 BPSK	1	137		23.41		24.00
100	PI/2 BPSK	1	271		23.46		24.00
100	PI/2 BPSK	135	0		23.44		24.00
100	PI/2 BPSK	135	69		23.45		24.00
100	PI/2 BPSK	135	138		23.42		24.00
100	PI/2 BPSK	270	0		23.43		24.00
100	QPSK	1	1		23.42		24.00
100	QPSK	1	137		23.34		24.00
100	QPSK	1	271		23.52		24.00
100	QPSK	135	0		23.45		24.00
100	QPSK	135	69		23.48		24.00
100	QPSK	135	138		23.45		24.00
100	QPSK	270	0		23.48		24.00
100	16QAM	1	1		23.41		24.00
100	64QAM	1	1		23.48		24.00
100	256QAM	1	1		23.10		23.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	23.33	23.41	23.38	24.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	23.24	23.34	23.33	24.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	23.29	23.32	23.27	24.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	23.31	23.30	23.28	24.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	23.18	23.27	23.27	24.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	23.27	23.38	23.28	24.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	23.24	23.31	23.24	24.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	23.31	23.27	23.32	24.00

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 7_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		26.43		27.00
100	PI/2 BPSK	1	137		26.40		27.00
100	PI/2 BPSK	1	271		26.32		27.00
100	PI/2 BPSK	135	0		26.33		27.00
100	PI/2 BPSK	135	69		26.32		27.00
100	PI/2 BPSK	135	138		26.25		27.00
100	PI/2 BPSK	270	0		26.31		27.00
100	QPSK	1	1		26.42		27.00
100	QPSK	1	137		26.44		27.00
100	QPSK	1	271		26.37		27.00
100	QPSK	135	0		26.29		27.00
100	QPSK	135	69		26.33		27.00
100	QPSK	135	138		26.17		27.00
100	QPSK	270	0		26.32		27.00
100	16QAM	1	1		26.40		27.00
100	64QAM	1	1		25.13		25.50
100	256QAM	1	1		22.85		23.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	26.28	26.33	26.39	27.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	26.24	26.32	26.34	27.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	26.21	26.28	26.34	27.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	26.19	26.22	26.34	27.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	26.20	26.20	26.24	27.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	26.26	26.30	26.27	27.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	26.24	26.25	26.28	27.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	26.23	26.31	26.27	27.00

【FR1 n78 (27O)_FCC_Part 27O (3700~3800MHz)_HPUE_Ant 7_Full power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		26.60		27.00
100	PI/2 BPSK	1	137		26.59		27.00
100	PI/2 BPSK	1	271		26.60		27.00
100	PI/2 BPSK	135	0		26.55		27.00
100	PI/2 BPSK	135	69		26.57		27.00
100	PI/2 BPSK	135	138		26.52		27.00
100	PI/2 BPSK	270	0		26.60		27.00
100	QPSK	1	1		26.52		27.00
100	QPSK	1	137		26.56		27.00
100	QPSK	1	271		26.51		27.00
100	QPSK	135	0		26.59		27.00
100	QPSK	135	69		26.59		27.00
100	QPSK	135	138		26.56		27.00
100	QPSK	270	0		26.56		27.00
100	16QAM	1	1		26.52		27.00
100	64QAM	1	1		25.45		25.50
100	256QAM	1	1		23.16		23.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)



90	PI/2 BPSK	1	1	26.48	26.52	26.41	27.00
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	26.46	26.47	26.32	27.00
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	26.36	26.47	26.35	27.00
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	26.34	26.44	26.26	27.00
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	26.44	26.50	26.33	27.00
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	26.43	26.39	26.38	27.00
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	26.44	26.37	26.32	27.00
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	26.39	26.48	26.33	27.00

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 7_Sensor on】

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		15.00		15.50
100	PI/2 BPSK	1	137		14.70		15.50
100	PI/2 BPSK	1	271		14.76		15.50
100	PI/2 BPSK	135	0		14.76		15.50
100	PI/2 BPSK	135	69		14.93		15.50
100	PI/2 BPSK	135	138		14.68		15.50
100	PI/2 BPSK	270	0		14.75		15.50
100	QPSK	1	1		14.66		15.50
100	QPSK	1	137		14.76		15.50
100	QPSK	1	271		14.69		15.50
100	QPSK	135	0		14.73		15.50
100	QPSK	135	69		14.73		15.50
100	QPSK	135	138		14.64		15.50
100	QPSK	270	0		14.63		15.50
100	16QAM	1	1		14.69		15.50
100	64QAM	1	1		14.68		15.50
100	256QAM	1	1		14.69		15.50
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	14.86	14.95	14.88	15.50
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	14.81	14.91	14.84	15.50
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	14.80	14.93	14.73	15.50
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	14.83	14.81	14.74	15.50
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	14.75	14.90	14.79	15.50
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	14.86	14.95	14.88	15.50
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	14.81	14.91	14.84	15.50
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	14.80	14.93	14.73	15.50

【FR1 n78 (270) _FCC_Part 270 (3700~3800MHz)_Ant 7 _Sensor on】

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		15.09		15.50
100	PI/2 BPSK	1	137		14.96		15.50
100	PI/2 BPSK	1	271		14.95		15.50
100	PI/2 BPSK	135	0		14.93		15.50
100	PI/2 BPSK	135	69		15.05		15.50
100	PI/2 BPSK	135	138		14.84		15.50
100	PI/2 BPSK	270	0		14.84		15.50
100	QPSK	1	1		14.91		15.50
100	QPSK	1	137		14.93		15.50
100	QPSK	1	271		14.90		15.50
100	QPSK	135	0		14.86		15.50
100	QPSK	135	69		14.96		15.50
100	QPSK	135	138		14.89		15.50
100	QPSK	270	0		14.84		15.50
100	16QAM	1	1		14.86		15.50
100	64QAM	1	1		14.89		15.50
100	256QAM	1	1		14.87		15.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	14.96	15.03	14.92	15.50
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	14.83	14.92	14.86	15.50
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	14.83	14.92	14.90	15.50
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	14.95	15.00	14.79	15.50
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	14.89	14.98	14.90	15.50
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	14.83	14.95	14.85	15.50
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	14.94	14.92	14.86	15.50
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	14.89	15.00	14.78	15.50

【FR1 n78 (27Q) _FCC_Part 27Q (3450~3550MHz)_Ant 7 _Hotspot on】

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		15.00		15.50
100	PI/2 BPSK	1	137		14.70		15.50
100	PI/2 BPSK	1	271		14.76		15.50
100	PI/2 BPSK	135	0		14.76		15.50
100	PI/2 BPSK	135	69		14.93		15.50
100	PI/2 BPSK	135	138		14.68		15.50
100	PI/2 BPSK	270	0		14.75		15.50
100	QPSK	1	1		14.66		15.50
100	QPSK	1	137		14.76		15.50
100	QPSK	1	271		14.69		15.50
100	QPSK	135	0		14.73		15.50
100	QPSK	135	69		14.73		15.50
100	QPSK	135	138		14.64		15.50
100	QPSK	270	0		14.63		15.50
100	16QAM	1	1		14.69		15.50
100	64QAM	1	1		14.68		15.50
100	256QAM	1	1		14.69		15.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	14.86	14.95	14.88	15.50



Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	14.81	14.91	14.84	15.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	14.80	14.93	14.73	15.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	14.83	14.81	14.74	15.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	14.75	14.90	14.79	15.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	14.86	14.95	14.88	15.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	14.81	14.91	14.84	15.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	14.80	14.93	14.73	15.50

【FR1 n78 (270)_FCC_Part 270 (3700~3800MHz)_Ant 7_Hotspot on】

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		15.09		15.50
100	PI/2 BPSK	1	137		14.96		15.50
100	PI/2 BPSK	1	271		14.95		15.50
100	PI/2 BPSK	135	0		14.93		15.50
100	PI/2 BPSK	135	69		15.05		15.50
100	PI/2 BPSK	135	138		14.84		15.50
100	PI/2 BPSK	270	0		14.84		15.50
100	QPSK	1	1		14.91		15.50
100	QPSK	1	137		14.93		15.50
100	QPSK	1	271		14.90		15.50
100	QPSK	135	0		14.86		15.50
100	QPSK	135	69		14.96		15.50
100	QPSK	135	138		14.89		15.50
100	QPSK	270	0		14.84		15.50
100	16QAM	1	1		14.86		15.50
100	64QAM	1	1		14.89		15.50
100	256QAM	1	1		14.87		15.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	14.96	15.03	14.92	15.50
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	14.83	14.92	14.86	15.50
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	14.83	14.92	14.90	15.50
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	14.95	15.00	14.79	15.50
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	14.89	14.98	14.90	15.50
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	14.83	14.95	14.85	15.50
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	14.94	14.92	14.86	15.50
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	14.89	15.00	14.78	15.50

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 7_Sensor on】

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		15.00		15.50
100	PI/2 BPSK	1	137		14.70		15.50
100	PI/2 BPSK	1	271		14.76		15.50
100	PI/2 BPSK	135	0		14.76		15.50
100	PI/2 BPSK	135	69		14.93		15.50
100	PI/2 BPSK	135	138		14.68		15.50
100	PI/2 BPSK	270	0		14.75		15.50
100	QPSK	1	1		14.66		15.50
100	QPSK	1	137		14.76		15.50
100	QPSK	1	271		14.69		15.50
100	QPSK	135	0		14.73		15.50
100	QPSK	135	69		14.73		15.50
100	QPSK	135	138		14.64		15.50
100	QPSK	270	0		14.63		15.50
100	16QAM	1	1		14.69		15.50
100	64QAM	1	1		14.68		15.50
100	256QAM	1	1		14.69		15.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	14.86	14.95	14.88	15.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	14.81	14.91	14.84	15.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	14.80	14.93	14.73	15.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	14.83	14.81	14.74	15.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	14.75	14.90	14.79	15.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	14.86	14.95	14.88	15.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	14.81	14.91	14.84	15.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	14.80	14.93	14.73	15.50

【FR1 n78 (27O)_FCC_Part 27O (3700~3800MHz)_HPUE_Ant 7_Sensor on】

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		15.09		15.50
100	PI/2 BPSK	1	137		14.96		15.50
100	PI/2 BPSK	1	271		14.95		15.50
100	PI/2 BPSK	135	0		14.93		15.50
100	PI/2 BPSK	135	69		15.05		15.50
100	PI/2 BPSK	135	138		14.84		15.50
100	PI/2 BPSK	270	0		14.84		15.50
100	QPSK	1	1		14.91		15.50
100	QPSK	1	137		14.93		15.50
100	QPSK	1	271		14.90		15.50
100	QPSK	135	0		14.86		15.50
100	QPSK	135	69		14.96		15.50
100	QPSK	135	138		14.89		15.50
100	QPSK	270	0		14.84		15.50
100	16QAM	1	1		14.86		15.50
100	64QAM	1	1		14.89		15.50
100	256QAM	1	1		14.87		15.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)



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90	PI/2 BPSK	1	1	14.96	15.03	14.92	15.50
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	14.83	14.92	14.86	15.50
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	14.83	14.92	14.90	15.50
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	14.95	15.00	14.79	15.50
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	14.89	14.98	14.90	15.50
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	14.83	14.95	14.85	15.50
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	14.94	14.92	14.86	15.50
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	14.89	15.00	14.78	15.50

【FR1 n78 (27Q) _FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 7_Hotspot on】

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		15.05		15.50
100	PI/2 BPSK	1	137		14.62		15.50
100	PI/2 BPSK	1	271		14.73		15.50
100	PI/2 BPSK	135	0		14.71		15.50
100	PI/2 BPSK	135	69		14.99		15.50
100	PI/2 BPSK	135	138		14.64		15.50
100	PI/2 BPSK	270	0		14.80		15.50
100	QPSK	1	1		14.68		15.50
100	QPSK	1	137		14.70		15.50
100	QPSK	1	271		14.65		15.50
100	QPSK	135	0		14.67		15.50
100	QPSK	135	69		14.79		15.50
100	QPSK	135	138		14.58		15.50
100	QPSK	270	0		14.67		15.50
100	16QAM	1	1		14.65		15.50
100	64QAM	1	1		14.67		15.50
100	256QAM	1	1		14.71		15.50
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	14.86	14.89	14.76	15.50
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	14.84	14.81	14.61	15.50
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	14.85	14.77	14.69	15.50
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	14.71	14.88	14.62	15.50
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	14.73	14.83	14.73	15.50
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	14.83	14.78	14.71	15.50
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	14.75	14.82	14.63	15.50
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	14.80	14.76	14.74	15.50



【FR1 n78 (270)_FCC_Part 270 (3700-3800MHz)_HPUE_Ant 7_Hotspot on】

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		15.09		15.50
100	PI/2 BPSK	1	137		15.01		15.50
100	PI/2 BPSK	1	271		14.91		15.50
100	PI/2 BPSK	135	0		14.94		15.50
100	PI/2 BPSK	135	69		15.02		15.50
100	PI/2 BPSK	135	138		14.90		15.50
100	PI/2 BPSK	270	0		14.89		15.50
100	QPSK	1	1		14.90		15.50
100	QPSK	1	137		14.93		15.50
100	QPSK	1	271		14.90		15.50
100	QPSK	135	0		14.91		15.50
100	QPSK	135	69		15.02		15.50
100	QPSK	135	138		14.81		15.50
100	QPSK	270	0		14.77		15.50
100	16QAM	1	1		14.94		15.50
100	64QAM	1	1		14.82		15.50
100	256QAM	1	1		14.92		15.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	14.92	14.96	14.86	15.50
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	14.91	14.89	14.78	15.50
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	14.89	14.81	14.72	15.50
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	14.91	14.95	14.77	15.50
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	14.79	14.82	14.84	15.50
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	14.89	14.81	14.76	15.50
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	14.87	14.82	14.81	15.50
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	14.87	14.84	14.73	15.50

**Bluetooth Conducted Power**

【Bluetooth】

Mode	Channel	Frequency (MHz)	Ant 2		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
BR / EDR 1Mbps	0	2402	5.51	7.00	76.66
	39	2441	6.77	8.50	
	78	2480	5.27	7.00	
BR / EDR 2Mbps	0	2402	3.22	5.00	76.66
	39	2441	4.48	6.00	
	78	2480	2.99	4.50	
BR / EDR 3Mbps	0	2402	3.21	5.00	76.66
	39	2441	4.47	6.00	
	78	2480	2.98	4.50	
LE 1Mbps	0	2402	-0.16	1.50	61.40
	19	2440	1.14	2.50	
	39	2480	-0.31	1.50	
LE 2Mbps	0	2402	0.10	1.50	32.09
	19	2440	1.32	3.00	
	39	2480	-0.12	1.50	

WLAN Conducted Power

<2.4GHz WLAN_Ant MIMO_Full power>									
2.4GHz WLAN_Ant MIMO_Full power			Ant MIMO(2)		Ant MIMO(3)		Ant MIMO		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	17.90	18.50	18.07	19.00	21.00	22.00	99.09
	6	2437	18.83	19.50	19.18	20.00	22.02	23.00	99.09
	11	2462	18.86	19.50	18.99	19.50	21.94	22.50	99.09
802.11g 6Mbps	1	2412	17.85	18.50	17.75	18.50	20.81	21.50	99.38
	6	2437	18.38	19.00	18.35	19.00	21.38	22.00	99.38
	11	2462	18.61	19.50	18.18	19.00	21.41	22.00	99.38
802.11n-HT20 MCS0	1	2412	18.18	19.00	17.86	18.50	21.03	22.00	100.00
	6	2437	18.04	19.00	18.02	19.00	21.04	22.00	100.00
	11	2462	18.19	19.00	17.91	18.50	21.06	22.00	100.00
802.11n-HT40 MCS0	3	2422	13.89	14.50	13.96	14.50	16.94	17.50	100.00
	4	2427	17.52	18.50	18.03	19.00	20.79	21.50	100.00
	6	2437	18.66	19.50	18.58	19.50	21.63	22.50	100.00
802.11ac-VHT20 MCS0	9	2452	17.34	18.00	17.81	18.50	20.59	21.50	100.00
	1	2412	18.25	19.00	17.94	18.50	21.11	22.00	100.00
	6	2437	18.11	19.00	18.07	19.00	21.10	22.00	100.00
802.11ac-VHT40 MCS0	11	2462	18.27	19.00	17.98	18.50	21.14	22.00	100.00
	3	2422	13.95	14.50	14.01	15.00	16.99	17.50	100.00
	4	2427	17.55	18.50	18.05	19.00	20.82	21.50	100.00
802.11ax-HE20 MCS0	6	2437	18.71	19.50	18.63	19.50	21.68	22.50	100.00
	9	2452	17.39	18.00	17.88	18.50	20.65	21.50	100.00
	1	2412	18.32	19.00	18.01	19.00	21.18	22.00	100.00
802.11ax-HE40 MCS0	6	2437	18.18	19.00	18.13	19.00	21.17	22.00	100.00
	11	2462	18.33	19.00	18.03	19.00	21.19	22.00	100.00
	3	2422	14.01	15.00	14.07	15.00	17.05	18.00	100.00
802.11ax-HE40 MCS0	4	2427	17.56	18.50	18.08	19.00	20.84	21.50	100.00
	6	2437	18.79	19.50	18.71	19.50	21.76	22.50	100.00
	9	2452	17.45	18.00	17.96	18.50	20.72	21.50	100.00

<5.2GHz WLAN_Ant MIMO_Full power>									
5.2GHz WLAN_Ant MIMO_Full power			Ant MIMO(2)		Ant MIMO(3)		Ant MIMO		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	36	5180	17.01	18.00	17.23	18.00	20.13	21.00	98.97
	40	5200	17.03	18.00	17.20	18.00	20.13	21.00	98.97
	44	5220	16.98	17.50	17.09	18.00	20.05	21.00	98.97
	48	5240	17.12	18.00	16.88	17.50	20.01	21.00	98.97
802.11n-HT20 MCS0	36	5180	17.35	18.00	17.41	18.00	20.39	21.00	100.00
	40	5200	17.46	18.00	17.54	18.50	20.51	21.50	100.00
	44	5220	17.49	18.00	17.41	18.00	20.46	21.00	100.00
	48	5240	17.51	18.50	17.22	18.00	20.38	21.00	100.00
802.11n-HT40 MCS0	38	5190	17.01	18.00	17.49	18.00	20.27	21.00	100.00
	46	5230	19.16	20.00	19.40	20.00	22.29	23.00	100.00
802.11ac-VHT20 MCS0	36	5180	17.45	18.00	17.48	18.00	20.48	21.00	100.00
	40	5200	17.51	18.50	17.57	18.50	20.55	21.50	100.00
	44	5220	17.52	18.50	17.45	18.00	20.50	21.50	100.00
	48	5240	17.55	18.50	17.24	18.00	20.41	21.00	100.00
802.11ac-VHT40 MCS0	38	5190	17.08	18.00	17.57	18.50	20.34	21.00	100.00
	46	5230	19.24	20.00	19.46	20.00	22.36	23.00	100.00
802.11ac-VHT80 MCS0	42	5210	16.69	17.50	16.96	17.50	19.84	20.50	100.00
802.11ax-HE20 MCS0	36	5180	17.47	18.00	17.52	18.50	20.51	21.50	100.00
	40	5200	17.54	18.50	17.62	18.50	20.59	21.50	100.00
	44	5220	17.56	18.50	17.49	18.00	20.54	21.50	100.00
	48	5240	17.57	18.50	17.26	18.00	20.43	21.00	100.00
802.11ax-HE40 MCS0	38	5190	17.11	18.00	17.64	18.50	20.39	21.00	100.00
	46	5230	19.32	20.00	19.53	20.00	22.44	23.00	100.00
802.11ax-HE80 MCS0	42	5210	16.75	17.50	17.03	18.00	19.90	20.50	100.00

<5.3GHz WLAN_Ant MIMO_Full power>									
5.3GHz WLAN_Ant MIMO_Full power			Ant MIMO(2)		Ant MIMO(3)		Ant MIMO		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	52	5260	17.02	18.00	17.05	18.00	20.05	21.00	98.97
	56	5280	17.05	18.00	17.01	18.00	20.04	21.00	98.97
	60	5300	17.31	18.00	16.98	17.50	20.16	21.00	98.97
	64	5320	17.89	18.50	17.46	18.00	20.69	21.50	98.97
802.11n-HT20 MCS0	52	5260	17.41	18.00	17.42	18.00	20.43	21.00	100.00
	56	5280	17.38	18.00	17.29	18.00	20.35	21.00	100.00
	60	5300	17.71	18.50	17.37	18.00	20.55	21.50	100.00
	64	5320	18.21	19.00	17.81	18.50	21.02	22.00	100.00
802.11n-HT40 MCS0	54	5270	19.26	20.00	19.29	20.00	22.29	23.00	100.00
	62	5310	17.11	18.00	17.38	18.00	20.26	21.00	100.00
802.11ac-VHT20 MCS0	52	5260	17.44	18.00	17.45	18.00	20.46	21.00	100.00
	56	5280	17.43	18.00	17.32	18.00	20.39	21.00	100.00
	60	5300	17.75	18.50	17.39	18.00	20.58	21.50	100.00
	64	5320	18.25	19.00	17.83	18.50	21.06	22.00	100.00
802.11ac-VHT40 MCS0	54	5270	19.33	20.00	19.34	20.00	22.35	23.00	100.00
	62	5310	17.16	18.00	17.41	18.00	20.30	21.00	100.00
802.11ac-VHT80 MCS0	58	5290	15.62	16.50	16.07	17.00	18.86	19.50	100.00
802.11ac-VHT160 MCS0	50	5250	13.67	14.50	13.62	14.50	16.66	17.50	100.00
802.11ax-HE20 MCS0	52	5260	17.46	18.00	17.49	18.00	20.49	21.00	100.00
	56	5280	17.47	18.00	17.35	18.00	20.42	21.00	100.00
	60	5300	17.79	18.50	17.42	18.00	20.62	21.50	100.00
	64	5320	18.27	19.00	17.86	18.50	21.08	22.00	100.00



802.11ax-HE40 MCS0	54	5270	19.38	20.00	19.42	20.00	22.41	23.00	100.00
	62	5310	17.32	18.00	17.46	18.00	20.40	21.00	100.00
802.11ax-HE80 MCS0	58	5290	15.68	16.50	16.11	17.00	18.91	19.50	100.00
802.11ax-HE160 MCS0	50	5250	13.70	14.50	13.68	14.50	16.70	17.50	100.00

<5.5GHz WLAN_Ant MIMO_Full power>									
5.5GHz WLAN_Ant MIMO_Full power			Ant MIMO(2)		Ant MIMO(3)		Ant MIMO		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	100	5500	17.35	18.00	17.03	18.00	20.20	21.00	98.97
	116	5580	17.33	18.00	17.10	18.00	20.23	21.00	98.97
	124	5620	17.21	18.00	16.93	17.50	20.08	21.00	98.97
	132	5660	17.31	18.00	17.05	18.00	20.19	21.00	98.97
	140	5700	17.26	18.00	17.05	18.00	20.17	21.00	98.97
	144	5720	17.19	18.00	17.02	18.00	20.12	21.00	98.97
802.11n-HT20 MCS0	100	5500	17.46	18.00	16.92	17.50	20.21	21.00	100.00
	116	5580	17.58	18.50	17.41	18.00	20.51	21.50	100.00
	124	5620	17.47	18.00	17.22	18.00	20.36	21.00	100.00
	132	5660	17.59	18.50	17.38	18.00	20.50	21.50	100.00
	140	5700	17.48	18.00	17.36	18.00	20.43	21.00	100.00
	144	5720	17.45	18.00	17.37	18.00	20.42	21.00	100.00
802.11n-HT40 MCS0	102	5510	18.21	19.00	18.07	19.00	21.15	22.00	100.00
	110	5550	18.59	19.50	17.67	18.50	21.16	22.00	100.00
	126	5630	18.45	19.00	17.76	18.50	21.13	22.00	100.00
	134	5670	18.49	19.00	17.97	18.50	21.25	22.00	100.00
	142	5710	18.48	19.00	17.97	18.50	21.24	22.00	100.00
802.11ac-VHT20 MCS0	100	5500	17.50	18.00	16.97	17.50	20.25	21.00	100.00
	116	5580	17.61	18.50	17.45	18.00	20.54	21.50	100.00
	124	5620	17.52	18.50	17.26	18.00	20.40	21.00	100.00
	132	5660	17.63	18.50	17.43	18.00	20.54	21.50	100.00
	140	5700	17.54	18.50	17.42	18.00	20.49	21.00	100.00
	144	5720	17.51	18.50	17.41	18.00	20.47	21.00	100.00
802.11ac-VHT40 MCS0	102	5510	18.27	19.00	18.11	19.00	21.20	22.00	100.00
	110	5550	18.67	19.50	17.73	18.50	21.24	22.00	100.00
	126	5630	18.51	19.50	17.82	18.50	21.19	22.00	100.00
	134	5670	18.56	19.50	18.04	19.00	21.32	22.00	100.00
	142	5710	18.55	19.50	18.04	19.00	21.31	22.00	100.00
802.11ac-VHT80 MCS0	106	5530	16.79	17.50	16.97	17.50	19.89	20.50	100.00
	122	5610	18.17	19.00	17.62	18.50	20.91	21.50	100.00
	138	5690	18.10	19.00	17.57	18.50	20.85	21.50	100.00
802.11ac-VHT160 MCS0	114	5570	14.74	15.50	14.67	15.50	17.72	18.50	100.00
802.11ax-HE20 MCS0	100	5500	18.27	19.00	17.71	18.50	21.01	22.00	100.00
	116	5580	17.64	18.50	17.49	18.00	20.58	21.50	100.00
	124	5620	17.55	18.50	17.29	18.00	20.43	21.00	100.00
	132	5660	17.68	18.50	17.44	18.00	20.57	21.50	100.00
	140	5700	17.57	18.50	17.44	18.00	20.52	21.50	100.00
	144	5720	17.55	18.50	17.45	18.00	20.51	21.50	100.00
802.11ax-HE40 MCS0	102	5510	18.33	19.00	18.15	19.00	21.25	22.00	100.00
	110	5550	18.74	19.50	17.79	18.50	21.30	22.00	100.00
	126	5630	18.59	19.50	17.90	18.50	21.27	22.00	100.00
	134	5670	18.63	19.50	18.11	19.00	21.39	22.00	100.00
	142	5710	18.61	19.50	18.09	19.00	21.37	22.00	100.00
802.11ax-HE80 MCS0	106	5530	16.85	17.50	17.03	18.00	19.95	20.50	100.00
	122	5610	18.25	19.00	17.67	18.50	20.98	21.50	100.00
	138	5690	18.17	19.00	17.63	18.50	20.92	21.50	100.00
802.11ax-HE160 MCS0	114	5570	14.82	15.50	14.74	15.50	17.79	18.50	100.00



<5.8GHz WLAN_Ant MIMO_Full power									
5.8GHz WLAN_Ant MIMO_Sensor on			Ant MIMO(2)		Ant MIMO(3)		Ant MIMO		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	149	5745	16.99	17.50	16.38	17.00	19.71	20.50	98.97
	157	5785	17.17	18.00	16.63	17.50	19.92	20.50	98.97
	165	5825	17.12	18.00	16.36	17.00	19.77	20.50	98.97
802.11n-HT20 MCS0	149	5745	16.73	17.50	16.13	17.00	19.45	20.00	100.00
	157	5785	16.90	17.50	16.38	17.00	19.66	20.50	100.00
	165	5825	16.80	17.50	16.03	17.00	19.44	20.00	100.00
802.11n-HT40 MCS0	151	5755	17.54	18.50	16.95	17.50	20.27	21.00	100.00
	159	5795	17.51	18.50	16.90	17.50	20.23	21.00	100.00
802.11ac-VHT20 MCS0	149	5745	16.78	17.50	16.18	17.00	19.50	20.50	100.00
	157	5785	16.96	17.50	16.43	17.00	19.71	20.50	100.00
	165	5825	16.86	17.50	16.10	17.00	19.51	20.50	100.00
802.11ac-VHT40 MCS0	151	5755	17.62	18.50	17.02	18.00	20.34	21.00	100.00
	159	5795	17.58	18.50	16.96	17.50	20.29	21.00	100.00
802.11ac-VHT80 MCS0	155	5775	17.27	18.00	16.72	17.50	20.01	21.00	100.00
802.11ax-HE20 MCS0	149	5745	16.83	17.50	16.25	17.00	19.56	20.50	100.00
	157	5785	17.03	18.00	16.51	17.50	19.79	20.50	100.00
	165	5825	16.93	17.50	16.18	17.00	19.58	20.50	100.00
802.11ax-HE40 MCS0	151	5755	17.69	18.50	17.07	18.00	20.40	21.00	100.00
	159	5795	17.66	18.50	17.03	18.00	20.37	21.00	100.00
802.11ax-HE80 MCS0	155	5775	17.33	18.00	16.77	17.50	20.07	21.00	100.00

<6GHz WLAN_Ant MIMO_Full power_Standard>									
6GHz WLAN_Ant MIMO_Full power			Ant MIMO(2)		Ant MIMO(3)		Ant MIMO		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	1	5955	15.89	16.50	15.61	16.50	18.77	19.50	98.97
	57	6235	15.52	16.50	15.37	16.00	18.46	19.00	98.97
	173	6815	15.84	16.50	15.89	16.50	18.88	19.50	98.97
802.11ax-HE20 MCS0	1	5955	15.87	16.50	15.42	16.00	18.66	19.50	100.00
	57	6235	15.52	16.50	15.29	16.00	18.42	19.00	100.00
	173	6815	15.43	16.00	15.54	16.50	18.50	19.50	100.00
802.11ax-HE40 MCS0	3	5965	16.43	17.00	15.98	16.50	19.22	20.00	100.00
	59	6245	16.23	17.00	16.01	17.00	19.13	20.00	100.00
	171	6805	16.48	17.00	16.46	17.00	19.48	20.00	100.00
802.11ax-HE80 MCS0	7	5985	16.08	17.00	15.83	16.50	18.97	19.50	100.00
	71	6305	15.57	16.50	15.54	16.50	18.57	19.50	100.00
	167	6785	16.42	17.00	16.05	17.00	19.25	20.00	100.00
802.11ax-HE160 MCS0	15	6025	16.45	17.00	16.02	17.00	19.25	20.00	100.00
	47	6185	16.54	17.50	16.07	17.00	19.32	20.00	100.00
	143	6665	16.45	17.00	15.93	16.50	19.21	20.00	100.00

<6GHz WLAN_Ant MIMO_Full power_Indoor>									
6GHz WLAN_Ant MIMO_Full power			Ant MIMO(2)		Ant MIMO(3)		Ant MIMO		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	1	5955	5.39	6.00	5.46	6.00	8.44	9.00	98.97
	2	5935	5.42	6.00	5.55	6.50	8.50	9.50	98.97
	57	6235	6.49	7.00	6.28	7.00	9.40	10.00	98.97
	113	6515	6.03	7.00	6.58	7.50	9.33	10.00	98.97
	173	6815	6.07	7.00	6.11	7.00	9.10	10.00	98.97
	233	7115	5.68	6.50	6.11	7.00	8.92	9.50	98.97
802.11ax-HE20 MCS0	1	5955	5.54	6.50	5.52	6.50	8.54	9.50	100.00
	2	5935	-6.81	-6.00	-7.15	-6.50	-3.97	-3.00	100.00
	57	6235	7.02	8.00	6.84	7.50	9.94	10.50	100.00
	113	6515	6.39	7.00	6.93	7.50	9.68	10.50	100.00
	173	6815	6.42	7.00	6.59	7.50	9.52	10.50	100.00
	233	7115	-7.47	-6.50	-7.84	-7.00	-4.64	-4.00	100.00
802.11ax-HE40 MCS0	3	5965	8.29	9.00	8.11	9.00	11.21	12.00	100.00
	59	6245	9.38	10.00	9.55	10.50	12.48	13.00	100.00
	107	6485	9.43	10.00	9.74	10.50	12.60	13.50	100.00
	171	6805	9.34	10.00	9.01	10.00	12.26	13.00	100.00
	227	7085	9.39	10.00	9.37	10.00	12.39	13.00	100.00
802.11ax-HE80 MCS0	7	5985	10.73	11.50	10.86	11.50	13.81	14.50	100.00
	71	6305	11.47	12.00	11.65	12.50	14.57	15.50	100.00
	119	6545	11.48	12.00	11.33	12.00	14.42	15.00	100.00
	167	6785	11.65	12.50	11.41	12.00	14.54	15.50	100.00
	215	7025	11.12	12.00	10.57	11.50	13.86	14.50	100.00
802.11ax-HE160 MCS0	15	6025	13.97	14.50	13.05	14.00	16.54	17.50	100.00
	47	6185	13.34	14.00	12.77	13.50	16.07	17.00	100.00
	111	6505	14.17	15.00	14.35	15.00	17.27	18.00	100.00
	143	6665	14.66	15.50	14.42	15.00	17.55	18.50	100.00
	207	6985	14.27	15.00	13.79	14.50	17.05	18.00	100.00

<2.4GHz WLAN_Ant MIMO_Sensor on>									
2.4GHz WLAN_Ant MIMO_Sensor on			Ant MIMO(2)		Ant MIMO(3)		Ant MIMO		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	15.35	16.00	15.63	16.50	18.50	19.50	99.09
	6	2437	15.41	16.00	15.79	16.50	18.61	19.50	99.09
	11	2462	15.38	16.00	15.77	16.50	18.59	19.50	99.09
802.11g 6Mbps	1	2412	Not Required	16.00	Not Required	16.50	Not Required	19.50	99.38
	6	2437		16.00		16.50		19.50	99.38
	11	2462		16.00		16.50		19.50	99.38
802.11n-HT20 MCS0	1	2412		16.00		16.50		19.50	100.00
	6	2437		16.00		16.50		19.50	100.00
	11	2462		16.00		16.50		19.50	100.00
802.11n-HT40 MCS0	3	2422		14.50		14.50		17.50	100.00
	4	2427		16.00		16.50		19.50	100.00
	6	2437		16.00		16.50		19.50	100.00
	9	2452		16.00		16.50		19.50	100.00
802.11ac-VHT20 MCS0	1	2412		16.00		16.50		19.50	100.00
	6	2437		16.00		16.50		19.50	100.00
	11	2462		16.00		16.50		19.50	100.00
802.11ac-VHT40 MCS0	3	2422		14.50		15.00		18.00	100.00
	4	2427		16.00		16.50		19.50	100.00
	6	2437		16.00		16.50		19.50	100.00
	9	2452		16.00		16.50		19.50	100.00
802.11ax-HE20 MCS0	1	2412		16.00		16.50		19.50	100.00
	6	2437		16.00		16.50		19.50	100.00
	11	2462		16.00		16.50		19.50	100.00
802.11ax-HE40 MCS0	3	2422		15.00		15.00		18.00	100.00
	4	2427		16.00		16.50		19.50	100.00
	6	2437		16.00		16.50		19.50	100.00
	9	2452		16.00		16.50		19.50	100.00

<5.2GHz WLAN_Ant MIMO_Sensor on>									
5.2GHz WLAN_Ant MIMO_Sensor on			Ant MIMO(2)		Ant MIMO(3)		Ant MIMO		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	36	5180	Not Required	17.00	Not Required	17.00	Not Required	20.00	98.97
	40	5200		17.00		17.00		20.00	98.97
	44	5220		17.00		17.00		20.00	98.97
	48	5240		17.00		17.00		20.00	98.97
802.11n-HT20 MCS0	36	5180		17.00		17.00		20.00	100.00
	40	5200		17.00		17.00		20.00	100.00
	44	5220		17.00		17.00		20.00	100.00
	48	5240		17.00		17.00		20.00	100.00
802.11n-HT40 MCS0	38	5190		17.00		17.00		20.00	100.00
	46	5230		17.00		17.00		20.00	100.00
802.11ac-VHT20 MCS0	36	5180		17.00		17.00		20.00	100.00
	40	5200		17.00		17.00		20.00	100.00
	44	5220		17.00		17.00		20.00	100.00
	48	5240		17.00		17.00		20.00	100.00
802.11ac-VHT40 MCS0	38	5190		17.00		17.00		20.00	100.00
	46	5230		17.00		17.00		20.00	100.00
802.11ac-VHT80 MCS0	42	5210	16.22	17.00	16.16	17.00	19.20	20.00	100.00
802.11ax-HE20 MCS0	36	5180	Not Required	17.00	Not Required	17.00	Not Required	20.00	100.00
	40	5200		17.00		17.00		20.00	100.00



802.11ax-HE40 MCS0	44	5220		17.00		17.00		20.00	100.00
	48	5240		17.00		17.00		20.00	100.00
	38	5190		17.00		17.00		20.00	100.00
	46	5230		17.00		17.00		20.00	100.00
802.11ax-HE80 MCS0	42	5210		17.00		17.00		20.00	100.00

<5.3GHz WLAN_Ant MIMO_Sensor on>									
5.3GHz WLAN_Ant MIMO_Sensor on			Ant MIMO(2)		Ant MIMO(3)		Ant MIMO		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	52	5260	Not Required	17.00	Not Required	17.00	Not Required	20.00	98.97
	56	5280		17.00		17.00		20.00	98.97
	60	5300		17.00		17.00		20.00	98.97
	64	5320		17.00		17.00		20.00	98.97
802.11n-HT20 MCS0	52	5260	Not Required	17.00	Not Required	17.00	Not Required	20.00	100.00
	56	5280		17.00		17.00		20.00	100.00
	60	5300		17.00		17.00		20.00	100.00
	64	5320		17.00		17.00		20.00	100.00
802.11n-HT40 MCS0	54	5270	16.29	17.00	16.34	17.00	19.33	20.00	100.00
	62	5310	16.13	17.00	16.43	17.00	19.29	20.00	100.00
802.11ac-VHT20 MCS0	52	5260	Not Required	17.00	Not Required	17.00	Not Required	20.00	100.00
	56	5280		17.00		17.00		20.00	100.00
	60	5300		17.00		17.00		20.00	100.00
	64	5320		17.00		17.00		20.00	100.00
802.11ac-VHT40 MCS0	54	5270	Not Required	17.00	Not Required	17.00	Not Required	20.00	100.00
	62	5310		17.00		17.00		20.00	100.00
802.11ac-VHT80 MCS0	58	5290	Not Required	16.50	Not Required	17.00	Not Required	19.50	100.00
802.11ac-VHT160 MCS0	50	5250		14.50		14.50		17.50	100.00
802.11ax-HE20 MCS0	52	5260	Not Required	17.00	Not Required	17.00	Not Required	20.00	100.00
	56	5280		17.00		17.00		20.00	100.00
	60	5300		17.00		17.00		20.00	100.00
	64	5320		17.00		17.00		20.00	100.00
802.11ax-HE40 MCS0	54	5270	Not Required	17.00	Not Required	17.00	Not Required	20.00	100.00
	62	5310		17.00		17.00		20.00	100.00
802.11ax-HE80 MCS0	58	5290	Not Required	16.50	Not Required	17.00	Not Required	19.50	100.00
802.11ax-HE160 MCS0	50	5250		14.50		14.50		17.50	100.00

<5.5GHz WLAN_Ant MIMO_Sensor on>									
5.5GHz WLAN_Ant MIMO_Sensor on			Ant MIMO(2)		Ant MIMO(3)		Ant MIMO		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	100	5500	Not Required	16.50	Not Required	16.00	Not Required	19.00	98.97
	116	5580		16.50		16.00		19.00	98.97
	124	5620		16.50		16.00		19.00	98.97
	132	5660		16.50		16.00		19.00	98.97
	140	5700		16.50		16.00		19.00	98.97
	144	5720		16.50		16.00		19.00	98.97
802.11n-HT20 MCS0	100	5500	Not Required	16.50	Not Required	16.00	Not Required	19.00	100.00
	116	5580		16.50		16.00		19.00	100.00
	124	5620		16.50		16.00		19.00	100.00
	132	5660		16.50		16.00		19.00	100.00
	140	5700		16.50		16.00		19.00	100.00
	144	5720		16.50		16.00		19.00	100.00
802.11n-HT40 MCS0	102	5510	Not Required	16.50	Not Required	16.00	Not Required	19.00	100.00
	110	5550		16.50		16.00		19.00	100.00
	126	5630		16.50		16.00		19.00	100.00



	134	5670		16.50		16.00		19.00	100.00
	142	5710		16.50		16.00		19.00	100.00
802.11ac-VHT20 MCS0	100	5500		16.50		16.00		19.00	100.00
	116	5580		16.50		16.00		19.00	100.00
	124	5620		16.50		16.00		19.00	100.00
	132	5660		16.50		16.00		19.00	100.00
	140	5700		16.50		16.00		19.00	100.00
	144	5720		16.50		16.00		19.00	100.00
802.11ac-VHT40 MCS0	102	5510		16.50		16.00		19.00	100.00
	110	5550		16.50		16.00		19.00	100.00
	126	5630		16.50		16.00		19.00	100.00
	134	5670		16.50		16.00		19.00	100.00
	142	5710		16.50		16.00		19.00	100.00
802.11ac-VHT80 MCS0	106	5530	15.83	16.50	15.43	16.00	18.64	19.00	100.00
	122	5610	15.69	16.50	15.36	16.00	18.54	19.00	100.00
	138	5690	15.62	16.50	15.31	16.00	18.48	19.00	100.00
802.11ac-VHT160 MCS0	114	5570	Not Required	15.50	Not Required	15.50	Not Required	18.50	100.00
802.11ax-HE20 MCS0	100	5500		16.50		16.00		19.00	100.00
	116	5580		16.50		16.00		19.00	100.00
	124	5620		16.50		16.00		19.00	100.00
	132	5660		16.50		16.00		19.00	100.00
	140	5700		16.50		16.00		19.00	100.00
	144	5720		16.50		16.00		19.00	100.00
802.11ax-HE40 MCS0	102	5510		16.50		16.00		19.00	100.00
	110	5550		16.50		16.00		19.00	100.00
	126	5630		16.50		16.00		19.00	100.00
	134	5670		16.50		16.00		19.00	100.00
	142	5710		16.50		16.00		19.00	100.00
802.11ax-HE80 MCS0	106	5530		16.50		16.00		19.00	100.00
	122	5610		16.50		16.00		19.00	100.00
	138	5690		16.50		16.00		19.00	100.00
802.11ax-HE160 MCS0	114	5570		15.50		15.50		18.50	100.00

<5.8GHz WLAN_Ant MIMO_Sensor on>									
5.8GHz WLAN_Ant MIMO_Sensor on			Ant MIMO(2)		Ant MIMO(3)		Ant MIMO		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	149	5745		15.50		15.50		18.50	98.97
	157	5785		15.50		15.50		18.50	98.97
	165	5825		15.50		15.50		18.50	98.97
802.11n-HT20 MCS0	149	5745		15.50		15.50		18.50	100.00
	157	5785		15.50		15.50		18.50	100.00
	165	5825		15.50		15.50		18.50	100.00
802.11n-HT40 MCS0	151	5755	Not Required	15.50	Not Required	15.50	Not Required	18.50	100.00
	159	5795		15.50		15.50		18.50	100.00
802.11ac-VHT20 MCS0	149	5745		15.50		15.50		18.50	100.00
	157	5785		15.50		15.50		18.50	100.00
	165	5825		15.50		15.50		18.50	100.00
802.11ac-VHT40 MCS0	151	5755		15.50		15.50		18.50	100.00
	159	5795		15.50		15.50		18.50	100.00
802.11ac-VHT80 MCS0	155	5775	14.63	15.50	14.82	15.50	17.74	18.50	100.00
802.11ax-HE20 MCS0	149	5745	Not Required	15.50	Not Required	15.50	Not Required	18.50	100.00
	157	5785		15.50		15.50		18.50	100.00
	165	5825		15.50		15.50		18.50	100.00
802.11ax-HE40 MCS0	151	5755		15.50		15.50		18.50	100.00
	159	5795		15.50		15.50		18.50	100.00
802.11ax-HE80 MCS0	155	5775		15.50		15.50		18.50	100.00

<6GHz WLAN_Ant MIMO_Sensor on_Standard>									
6GHz WLAN_Ant MIMO_Sensor on			Ant MIMO(2)		Ant MIMO(3)		Ant MIMO		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	1	5955	Not Required	11.00	Not Required	11.00	Not Required	14.00	98.97
	57	6235		11.00		11.00		14.00	98.97
	173	6815		11.00		11.00		14.00	98.97
802.11ax-HE20 MCS0	1	5955		11.00		11.00		14.00	98.97
	57	6235		11.00		11.00		14.00	100.00
	173	6815		-6.00		-6.50		-3.00	100.00
802.11ax-HE40 MCS0	3	5965		11.00		11.00		14.00	100.00
	59	6245		11.00		11.00		14.00	100.00
	171	6805		11.00		11.00		14.00	100.00
802.11ax-HE80 MCS0	7	5985		11.00		11.00		14.00	100.00
	71	6305		11.00		11.00		14.00	100.00
	167	6785		11.00		11.00		14.00	100.00
802.11ax-HE160 MCS0	15	6025		11.00		11.00		14.00	100.00
	47	6185		11.00		11.00		14.00	100.00
	143	6665	10.28	11.00	10.35	11.00	13.32	14.00	100.00

<6GHz WLAN_Ant MIMO_Sensor on_Indoor>									
6GHz WLAN_Ant MIMO_Sensor on			Ant MIMO(2)		Ant MIMO(3)		Ant MIMO		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	1	5955	Not Required	6.00	Not Required	6.00	Not Required	9.00	98.97
	2	5935		6.00		6.50		9.50	98.97
	57	6235		7.00		7.00		10.00	98.97
	113	6515		7.00		7.50		10.00	98.97
	173	6815		7.00		7.00		10.00	98.97
	233	7115		6.50		7.00		9.50	98.97
802.11ax-HE20 MCS0	1	5955		6.50		6.50		9.50	100.00
	2	5935		-6.00		-6.50		-3.00	100.00
	57	6235		8.00		7.50		10.50	100.00
	113	6515		7.00		7.50		10.50	100.00
	173	6815		7.00		7.50		10.50	100.00
	233	7115		-6.50		-7.00		-4.00	100.00
802.11ax-HE40 MCS0	3	5965		9.00		9.00		12.00	100.00
	59	6245		10.00		10.50		13.00	100.00
	107	6485		9.50		9.50		12.50	100.00
	171	6805		10.00		10.00		13.00	100.00
	227	7085		10.00		10.00		13.00	100.00
	7	5985		11.00		11.00		14.00	100.00
802.11ax-HE80 MCS0	71	6305		11.00		11.00		14.00	100.00
	119	6545		9.50		9.50		12.50	100.00
	167	6785		11.00		11.00		14.00	100.00
	215	7025		13.00		12.50		15.50	100.00
802.11ax-HE160 MCS0	15	6025	10.28	11.00	10.35	11.00	13.32	14.00	100.00
	47	6185	10.25	11.00	10.48	11.00	13.37	14.00	100.00
	111	6505	8.69	9.50	8.96	9.50	11.83	12.50	100.00
	143	6665	10.16	11.00	10.11	11.00	13.14	14.00	100.00
	207	6985	13.36	14.00	13.14	14.00	16.25	17.00	100.00



<2.4GHz WLAN_Ant MIMO_Hotspot on>									
2.4GHz WLAN_Ant MIMO_Hotspot on			Ant MIMO(2)		Ant MIMO(3)		Ant MIMO		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	15.35	16.00	15.63	16.50	18.50	19.50	99.09
	6	2437	15.41	16.00	15.79	16.50	18.61	19.50	99.09
	11	2462	15.38	16.00	15.77	16.50	18.59	19.50	99.09
802.11g 6Mbps	1	2412	Not Required	16.00	Not Required	16.50	Not Required	19.50	99.38
	6	2437		16.00		16.50		19.50	99.38
	11	2462		16.00		16.50		19.50	99.38
802.11n-HT20 MCS0	1	2412		16.00		16.50		19.50	100.00
	6	2437		16.00		16.50		19.50	100.00
	11	2462		16.00		16.50		19.50	100.00
802.11n-HT40 MCS0	3	2422		14.50		14.50		17.50	100.00
	4	2427		16.00		16.50		19.50	100.00
	6	2437		16.00		16.50		19.50	100.00
	9	2452		16.00		16.50		19.50	100.00
802.11ac-VHT20 MCS0	1	2412		16.00		16.50		19.50	100.00
	6	2437		16.00		16.50		19.50	100.00
	11	2462		16.00		16.50		19.50	100.00
802.11ac-VHT40 MCS0	3	2422		14.50		15.00		18.00	100.00
	4	2427		16.00		16.50		19.50	100.00
	6	2437		16.00		16.50		19.50	100.00
	9	2452		16.00		16.50		19.50	100.00
802.11ax-HE20 MCS0	1	2412		16.00		16.50		19.50	100.00
	6	2437		16.00		16.50		19.50	100.00
	11	2462		16.00		16.50		19.50	100.00
802.11ax-HE40 MCS0	3	2422		15.00		15.00		18.00	100.00
	4	2427		16.00		16.50		19.50	100.00
	6	2437		16.00		16.50		19.50	100.00
	9	2452		16.00		16.50		19.50	100.00

<2.4GHz WLAN_Ant MIMO_Sensor off>									
2.4GHz WLAN_Ant MIMO_Full power			Ant MIMO(2)		Ant MIMO(3)		Ant MIMO		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	17.90	18.50	18.07	19.00	21.00	22.00	99.09
	6	2437	18.83	19.50	19.18	20.00	22.02	23.00	99.09
	11	2462	18.86	19.50	18.99	19.50	21.94	22.50	99.09
802.11g 6Mbps	1	2412	17.85	18.50	17.75	18.50	20.81	21.50	99.38
	6	2437	18.38	19.00	18.35	19.00	21.38	22.00	99.38
	11	2462	18.61	19.50	18.18	19.00	21.41	22.00	99.38
802.11n-HT20 MCS0	1	2412	18.18	19.00	17.86	18.50	21.03	22.00	100.00
	6	2437	18.04	19.00	18.02	19.00	21.04	22.00	100.00
	11	2462	18.19	19.00	17.91	18.50	21.06	22.00	100.00
802.11n-HT40 MCS0	3	2422	13.89	14.50	13.96	14.50	16.94	17.50	100.00
	4	2427	17.52	18.50	18.03	19.00	20.79	21.50	100.00
	6	2437	18.66	19.50	18.58	19.50	21.63	22.50	100.00
	9	2452	17.34	18.00	17.81	18.50	20.59	21.50	100.00
802.11ac-VHT20 MCS0	1	2412	18.25	19.00	17.94	18.50	21.11	22.00	100.00
	6	2437	18.11	19.00	18.07	19.00	21.10	22.00	100.00
	11	2462	18.27	19.00	17.98	18.50	21.14	22.00	100.00
802.11ac-VHT40 MCS0	3	2422	13.95	14.50	14.01	15.00	16.99	17.50	100.00
	4	2427	17.55	18.50	18.05	19.00	20.82	21.50	100.00
	6	2437	18.71	19.50	18.63	19.50	21.68	22.50	100.00
	9	2452	17.39	18.00	17.88	18.50	20.65	21.50	100.00
802.11ax-HE20 MCS0	1	2412	18.32	19.00	18.01	19.00	21.18	22.00	100.00
	6	2437	18.18	19.00	18.13	19.00	21.17	22.00	100.00



	11	2462	18.33	19.00	18.03	19.00	21.19	22.00	100.00
802.11ax-HE40 MCS0	3	2422	14.01	15.00	14.07	15.00	17.05	18.00	100.00
	4	2427	17.56	18.50	18.08	19.00	20.84	21.50	100.00
	6	2437	18.79	19.50	18.71	19.50	21.76	22.50	100.00
	9	2452	17.45	18.00	17.96	18.50	20.72	21.50	100.00

<5.2GHz WLAN_Ant MIMO_Sensor off>									
5.2GHz WLAN_Ant MIMO_Full power			Ant MIMO(2)		Ant MIMO(3)		Ant MIMO		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	36	5180	17.01	18.00	17.23	18.00	20.13	21.00	98.97
	40	5200	17.03	18.00	17.20	18.00	20.13	21.00	98.97
	44	5220	16.98	17.50	17.09	18.00	20.05	21.00	98.97
	48	5240	17.12	18.00	16.88	17.50	20.01	21.00	98.97
802.11n-HT20 MCS0	36	5180	17.35	18.00	17.41	18.00	20.39	21.00	100.00
	40	5200	17.46	18.00	17.54	18.50	20.51	21.50	100.00
	44	5220	17.49	18.00	17.41	18.00	20.46	21.00	100.00
	48	5240	17.51	18.50	17.22	18.00	20.38	21.00	100.00
802.11n-HT40 MCS0	38	5190	17.01	18.00	17.49	18.00	20.27	21.00	100.00
	46	5230	19.16	20.00	19.40	20.00	22.29	23.00	100.00
802.11ac-VHT20 MCS0	36	5180	17.45	18.00	17.48	18.00	20.48	21.00	100.00
	40	5200	17.51	18.50	17.57	18.50	20.55	21.50	100.00
	44	5220	17.52	18.50	17.45	18.00	20.50	21.50	100.00
	48	5240	17.55	18.50	17.24	18.00	20.41	21.00	100.00
802.11ac-VHT40 MCS0	38	5190	17.08	18.00	17.57	18.50	20.34	21.00	100.00
	46	5230	19.24	20.00	19.46	20.00	22.36	23.00	100.00
802.11ac-VHT80 MCS0	42	5210	16.69	17.50	16.96	17.50	19.84	20.50	100.00
802.11ax-HE20 MCS0	36	5180	17.47	18.00	17.52	18.50	20.51	21.50	100.00
	40	5200	17.54	18.50	17.62	18.50	20.59	21.50	100.00
	44	5220	17.56	18.50	17.49	18.00	20.54	21.50	100.00
	48	5240	17.57	18.50	17.26	18.00	20.43	21.00	100.00
802.11ax-HE40 MCS0	38	5190	17.11	18.00	17.64	18.50	20.39	21.00	100.00
	46	5230	19.32	20.00	19.53	20.00	22.44	23.00	100.00
802.11ax-HE80 MCS0	42	5210	16.75	17.50	17.03	18.00	19.90	20.50	100.00

<5.3GHz WLAN_Ant MIMO_Sensor off>									
5.3GHz WLAN_Ant MIMO_Full power			Ant MIMO(2)		Ant MIMO(3)		Ant MIMO		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	52	5260	17.02	18.00	17.05	18.00	20.05	21.00	98.97
	56	5280	17.05	18.00	17.01	18.00	20.04	21.00	98.97
	60	5300	17.31	18.00	16.98	17.50	20.16	21.00	98.97
	64	5320	17.89	18.50	17.46	18.00	20.69	21.50	98.97
802.11n-HT20 MCS0	52	5260	17.41	18.00	17.42	18.00	20.43	21.00	100.00
	56	5280	17.38	18.00	17.29	18.00	20.35	21.00	100.00
	60	5300	17.71	18.50	17.37	18.00	20.55	21.50	100.00
	64	5320	18.21	19.00	17.81	18.50	21.02	22.00	100.00
802.11n-HT40 MCS0	54	5270	19.26	20.00	19.29	20.00	22.29	23.00	100.00
	62	5310	17.11	18.00	17.38	18.00	20.26	21.00	100.00
802.11ac-VHT20 MCS0	52	5260	17.44	18.00	17.45	18.00	20.46	21.00	100.00
	56	5280	17.43	18.00	17.32	18.00	20.39	21.00	100.00
	60	5300	17.75	18.50	17.39	18.00	20.58	21.50	100.00
	64	5320	18.25	19.00	17.83	18.50	21.06	22.00	100.00
802.11ac-VHT40 MCS0	54	5270	19.33	20.00	19.34	20.00	22.35	23.00	100.00
	62	5310	17.16	18.00	17.41	18.00	20.30	21.00	100.00



802.11ac-VHT80 MCS0	58	5290	15.62	16.50	16.07	17.00	18.86	19.50	100.00
802.11ac-VHT160 MCS0	50	5250	13.67	14.50	13.62	14.50	16.66	17.50	100.00
802.11ax-HE20 MCS0	52	5260	17.46	18.00	17.49	18.00	20.49	21.00	100.00
	56	5280	17.47	18.00	17.35	18.00	20.42	21.00	100.00
	60	5300	17.79	18.50	17.42	18.00	20.62	21.50	100.00
	64	5320	18.27	19.00	17.86	18.50	21.08	22.00	100.00
802.11ax-HE40 MCS0	54	5270	19.38	20.00	19.42	20.00	22.41	23.00	100.00
	62	5310	17.32	18.00	17.46	18.00	20.40	21.00	100.00
802.11ax-HE80 MCS0	58	5290	15.68	16.50	16.11	17.00	18.91	19.50	100.00
802.11ax-HE160 MCS0	50	5250	13.70	14.50	13.68	14.50	16.70	17.50	100.00

<5.5GHz WLAN_Ant MIMO_Sensor off >									
5.5GHz WLAN_Ant MIMO_Full power			Ant MIMO(2)		Ant MIMO(3)		Ant MIMO		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	100	5500	17.35	18.00	17.03	18.00	20.20	21.00	98.97
	116	5580	17.33	18.00	17.10	18.00	20.23	21.00	98.97
	124	5620	17.21	18.00	16.93	17.50	20.08	21.00	98.97
	132	5660	17.31	18.00	17.05	18.00	20.19	21.00	98.97
	140	5700	17.26	18.00	17.05	18.00	20.17	21.00	98.97
	144	5720	17.19	18.00	17.02	18.00	20.12	21.00	98.97
802.11n-HT20 MCS0	100	5500	17.46	18.00	16.92	17.50	20.21	21.00	100.00
	116	5580	17.58	18.50	17.41	18.00	20.51	21.50	100.00
	124	5620	17.47	18.00	17.22	18.00	20.36	21.00	100.00
	132	5660	17.59	18.50	17.38	18.00	20.50	21.50	100.00
	140	5700	17.48	18.00	17.36	18.00	20.43	21.00	100.00
	144	5720	17.45	18.00	17.37	18.00	20.42	21.00	100.00
802.11n-HT40 MCS0	102	5510	18.21	19.00	18.07	19.00	21.15	22.00	100.00
	110	5550	18.59	19.50	17.67	18.50	21.16	22.00	100.00
	126	5630	18.45	19.00	17.76	18.50	21.13	22.00	100.00
	134	5670	18.49	19.00	17.97	18.50	21.25	22.00	100.00
	142	5710	18.48	19.00	17.97	18.50	21.24	22.00	100.00
802.11ac-VHT20 MCS0	100	5500	17.50	18.00	16.97	17.50	20.25	21.00	100.00
	116	5580	17.61	18.50	17.45	18.00	20.54	21.50	100.00
	124	5620	17.52	18.50	17.26	18.00	20.40	21.00	100.00
	132	5660	17.63	18.50	17.43	18.00	20.54	21.50	100.00
	140	5700	17.54	18.50	17.42	18.00	20.49	21.00	100.00
	144	5720	17.51	18.50	17.41	18.00	20.47	21.00	100.00
802.11ac-VHT40 MCS0	102	5510	18.27	19.00	18.11	19.00	21.20	22.00	100.00
	110	5550	18.67	19.50	17.73	18.50	21.24	22.00	100.00
	126	5630	18.51	19.50	17.82	18.50	21.19	22.00	100.00
	134	5670	18.56	19.50	18.04	19.00	21.32	22.00	100.00
	142	5710	18.55	19.50	18.04	19.00	21.31	22.00	100.00
802.11ac-VHT80 MCS0	106	5530	16.79	17.50	16.97	17.50	19.89	20.50	100.00
	122	5610	18.17	19.00	17.62	18.50	20.91	21.50	100.00
	138	5690	18.10	19.00	17.57	18.50	20.85	21.50	100.00
802.11ac-VHT160 MCS0	114	5570	14.74	15.50	14.67	15.50	17.72	18.50	100.00
802.11ax-HE20 MCS0	100	5500	18.27	19.00	17.71	18.50	21.01	22.00	100.00
	116	5580	17.64	18.50	17.49	18.00	20.58	21.50	100.00
	124	5620	17.55	18.50	17.29	18.00	20.43	21.00	100.00
	132	5660	17.68	18.50	17.44	18.00	20.57	21.50	100.00
	140	5700	17.57	18.50	17.44	18.00	20.52	21.50	100.00
	144	5720	17.55	18.50	17.45	18.00	20.51	21.50	100.00
802.11ax-HE40 MCS0	102	5510	18.33	19.00	18.15	19.00	21.25	22.00	100.00
	110	5550	18.74	19.50	17.79	18.50	21.30	22.00	100.00



	126	5630	18.59	19.50	17.90	18.50	21.27	22.00	100.00
	134	5670	18.63	19.50	18.11	19.00	21.39	22.00	100.00
	142	5710	18.61	19.50	18.09	19.00	21.37	22.00	100.00
802.11ax-HE80 MCS0	106	5530	16.85	17.50	17.03	18.00	19.95	20.50	100.00
	122	5610	18.25	19.00	17.67	18.50	20.98	21.50	100.00
	138	5690	18.17	19.00	17.63	18.50	20.92	21.50	100.00
802.11ax-HE160 MCS0	114	5570	14.82	15.50	14.74	15.50	17.79	18.50	100.00

<5.8GHz WLAN_Ant MIMO_Sensor off >									
5.8GHz WLAN_Ant MIMO_Full power			Ant MIMO(2)		Ant MIMO(3)		Ant MIMO		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	149	5745	16.99	17.50	16.38	17.00	19.71	20.50	98.97
	157	5785	17.17	18.00	16.63	17.50	19.92	20.50	98.97
	165	5825	17.12	18.00	16.36	17.00	19.77	20.50	98.97
802.11n-HT20 MCS0	149	5745	16.73	17.50	16.13	17.00	19.45	20.00	100.00
	157	5785	16.90	17.50	16.38	17.00	19.66	20.50	100.00
	165	5825	16.80	17.50	16.03	17.00	19.44	20.00	100.00
802.11n-HT40 MCS0	151	5755	17.54	18.50	16.95	17.50	20.27	21.00	100.00
	159	5795	17.51	18.50	16.90	17.50	20.23	21.00	100.00
802.11ac-VHT20 MCS0	149	5745	16.78	17.50	16.18	17.00	19.50	20.50	100.00
	157	5785	16.96	17.50	16.43	17.00	19.71	20.50	100.00
	165	5825	16.86	17.50	16.10	17.00	19.51	20.50	100.00
802.11ac-VHT40 MCS0	151	5755	17.62	18.50	17.02	18.00	20.34	21.00	100.00
	159	5795	17.58	18.50	16.96	17.50	20.29	21.00	100.00
802.11ac-VHT80 MCS0	155	5775	17.27	18.00	16.72	17.50	20.01	21.00	100.00
802.11ax-HE20 MCS0	149	5745	16.83	17.50	16.25	17.00	19.56	20.50	100.00
	157	5785	17.03	18.00	16.51	17.50	19.79	20.50	100.00
	165	5825	16.93	17.50	16.18	17.00	19.58	20.50	100.00
802.11ax-HE40 MCS0	151	5755	17.69	18.50	17.07	18.00	20.40	21.00	100.00
	159	5795	17.66	18.50	17.03	18.00	20.37	21.00	100.00
802.11ax-HE80 MCS0	155	5775	17.33	18.00	16.77	17.50	20.07	21.00	100.00

<6GHz WLAN_Ant MIMO_Sensor off Standard>									
6GHz WLAN_Ant MIMO_Sensor off			Ant MIMO(2)		Ant MIMO(3)		Ant MIMO		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	1	5955	15.89	16.50	15.61	16.50	18.77	19.50	98.97
	2	5935	10.37	11.00	10.02	11.00	13.21	14.00	98.97
	57	6235	15.52	16.50	15.37	16.00	18.46	19.00	98.97
	173	6815	15.84	16.50	15.89	16.50	18.88	19.50	98.97
802.11ax-HE20 MCS0	1	5955	15.87	16.50	15.42	16.00	18.66	19.50	100.00
	2	5935	-6.81	-6.00	-7.15	-6.50	-3.97	-3.00	100.00
	57	6235	15.52	16.50	15.29	16.00	18.42	19.00	100.00
	173	6815	15.43	16.00	15.54	16.50	18.50	19.50	100.00
802.11ax-HE40 MCS0	3	5965	16.43	17.00	15.98	16.50	19.22	20.00	100.00
	59	6245	16.23	17.00	16.01	17.00	19.13	20.00	100.00
	171	6805	16.48	17.00	16.46	17.00	19.48	20.00	100.00
802.11ax-HE80 MCS0	7	5985	16.08	17.00	15.83	16.50	18.97	19.50	100.00
	71	6305	15.57	16.50	15.54	16.50	18.57	19.50	100.00
	167	6785	16.42	17.00	16.05	17.00	19.25	20.00	100.00
802.11ax-HE160 MCS0	15	6025	16.45	17.00	16.02	17.00	19.25	20.00	100.00
	47	6185	16.54	17.50	16.07	17.00	19.32	20.00	100.00
	143	6665	16.45	17.00	15.93	16.50	19.21	20.00	100.00

<6GHz WLAN_Ant MIMO_Sensor off_Indoor>									
6GHz WLAN_Ant MIMO_Sensor off			Ant MIMO(2)		Ant MIMO(3)		Ant MIMO		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	1	5955	5.39	6.00	5.46	6.00	8.44	9.00	98.97
	2	5935	5.42	6.00	5.55	6.50	8.50	9.50	98.97
	57	6235	6.49	7.00	6.28	7.00	9.40	10.00	98.97
	113	6515	6.03	7.00	6.58	7.50	9.33	10.00	98.97
	173	6815	6.07	7.00	6.11	7.00	9.10	10.00	98.97
	233	7115	5.68	6.50	6.11	7.00	8.92	9.50	98.97
802.11ax-HE20 MCS0	1	5955	5.54	6.50	5.52	6.50	8.54	9.50	100.00
	2	5935	-6.81	-6.00	-7.15	-6.50	-3.97	-3.00	100.00
	57	6235	7.02	8.00	6.84	7.50	9.94	10.50	100.00
	113	6515	6.39	7.00	6.93	7.50	9.68	10.50	100.00
	173	6815	6.42	7.00	6.59	7.50	9.52	10.50	100.00
	233	7115	-7.47	-6.50	-7.84	-7.00	-4.64	-4.00	100.00
802.11ax-HE40 MCS0	3	5965	8.29	9.00	8.11	9.00	11.21	12.00	100.00
	59	6245	9.38	10.00	9.55	10.50	12.48	13.00	100.00
	107	6485	9.43	10.00	9.74	10.50	12.60	13.50	100.00
	171	6805	9.34	10.00	9.01	10.00	12.26	13.00	100.00
	227	7085	9.39	10.00	9.37	10.00	12.39	13.00	100.00
802.11ax-HE80 MCS0	7	5985	10.73	11.50	10.86	11.50	13.81	14.50	100.00
	71	6305	11.47	12.00	11.65	12.50	14.57	15.50	100.00
	119	6545	11.48	12.00	11.33	12.00	14.42	15.00	100.00
	167	6785	11.65	12.50	11.41	12.00	14.54	15.50	100.00
	215	7025	11.12	12.00	10.57	11.50	13.86	14.50	100.00
802.11ax-HE160 MCS0	15	6025	13.97	14.50	13.05	14.00	16.54	17.50	100.00
	47	6185	13.34	14.00	12.77	13.50	16.07	17.00	100.00
	111	6505	14.17	15.00	14.35	15.00	17.27	18.00	100.00
	143	6665	14.66	15.50	14.42	15.00	17.55	18.50	100.00
	207	6985	14.27	15.00	13.79	14.50	17.05	18.00	100.00