



10	PI/2 BPSK	1	1	15.65	15.74	15.49	17.00
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	15.62	15.73	15.57	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	23.24	23.41	23.36	24.00
30	PI/2 BPSK	1	80	23.13	23.39	23.22	24.00
30	PI/2 BPSK	1	158	22.99	23.20	23.03	24.00
30	PI/2 BPSK	80	0	23.02	23.25	23.07	24.00
30	PI/2 BPSK	80	40	23.12	23.26	23.15	24.00
30	PI/2 BPSK	80	80	22.93	23.22	23.13	24.00
30	PI/2 BPSK	160	0	22.97	23.26	23.16	24.00
30	QPSK	1	1	23.02	23.32	23.21	24.00
30	QPSK	1	80	23.12	23.30	23.19	24.00
30	QPSK	1	158	23.06	23.26	23.06	24.00
30	QPSK	80	0	23.00	23.32	23.18	24.00
30	QPSK	80	40	23.02	23.29	23.16	24.00
30	QPSK	80	80	22.90	23.22	23.09	24.00
30	QPSK	160	0	23.06	23.27	23.20	24.00
30	16QAM	1	1	23.09	23.41	23.30	24.00
30	64QAM	1	1	22.08	22.34	22.22	22.50
30	256QAM	1	1	19.71	19.94	19.88	20.50
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	23.16	23.31	23.31	24.00
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	23.24	23.41	23.36	24.00
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	23.06	23.26	23.06	24.00
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	22.90	23.22	23.09	24.00
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	22.08	22.34	22.22	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	23.24	23.41	23.36	24.00
30	PI/2 BPSK	1	80	23.13	23.39	23.22	24.00
30	PI/2 BPSK	1	158	22.99	23.20	23.03	24.00
30	PI/2 BPSK	80	0	23.02	23.25	23.07	24.00
30	PI/2 BPSK	80	40	23.00	23.26	23.15	24.00
30	PI/2 BPSK	80	80	22.93	23.22	23.13	24.00
30	PI/2 BPSK	160	0	22.97	23.26	23.16	24.00
30	QPSK	1	1	23.02	23.32	23.21	24.00
30	QPSK	1	80	23.12	23.30	23.19	24.00
30	QPSK	1	158	23.06	23.26	23.06	24.00
30	QPSK	80	0	23.00	23.32	23.18	24.00
30	QPSK	80	40	23.02	23.29	23.16	24.00
30	QPSK	80	80	22.90	23.22	23.09	24.00
30	QPSK	160	0	23.06	23.27	23.20	24.00
30	16QAM	1	1	23.09	23.41	23.30	24.00
30	64QAM	1	1	22.08	22.34	22.22	22.50
30	256QAM	1	1	19.71	19.94	19.88	20.50
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	23.16	23.31	23.31	24.00
Channel				344000	349000	354000	Tune-up limit



Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	23.24	23.41	23.36	24.00
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	23.14	23.32	23.33	24.00
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	23.17	23.30	23.25	24.00
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	23.17	23.33	23.34	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	19.21	19.49	19.35	20.00
30	PI/2 BPSK	1	80	19.26	19.32	19.38	20.00
30	PI/2 BPSK	1	158	19.27	19.35	19.33	20.00
30	PI/2 BPSK	80	0	19.15	19.40	19.28	20.00
30	PI/2 BPSK	80	40	19.20	19.48	19.42	20.00
30	PI/2 BPSK	80	80	19.29	19.46	19.34	20.00
30	PI/2 BPSK	160	0	19.31	19.34	19.32	20.00
30	QPSK	1	1	19.27	19.37	19.36	20.00
30	QPSK	1	80	19.34	19.42	19.26	20.00
30	QPSK	1	158	19.23	19.51	19.42	20.00
30	QPSK	80	0	19.30	19.45	19.44	20.00
30	QPSK	80	40	19.14	19.47	19.44	20.00
30	QPSK	80	80	19.16	19.43	19.44	20.00
30	QPSK	160	0	19.17	19.32	19.45	20.00
30	16QAM	1	1	19.27	19.49	19.27	20.00
30	64QAM	1	1	19.18	19.46	19.45	20.00
30	256QAM	1	1	19.15	19.39	19.28	20.00
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	19.14	19.46	19.22	20.00
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	19.21	19.49	19.35	20.00
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	19.17	19.47	19.32	20.00
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	19.11	19.42	19.25	20.00
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	19.16	19.40	19.28	20.00

【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	19.21	19.49	19.35	20.00
30	PI/2 BPSK	1	80	19.26	19.32	19.38	20.00
30	PI/2 BPSK	1	158	19.27	19.35	19.33	20.00
30	PI/2 BPSK	80	0	19.15	19.40	19.28	20.00
30	PI/2 BPSK	80	40	19.20	19.48	19.42	20.00
30	PI/2 BPSK	80	80	19.29	19.46	19.34	20.00
30	PI/2 BPSK	160	0	19.31	19.34	19.32	20.00
30	QPSK	1	1	19.27	19.37	19.36	20.00
30	QPSK	1	80	19.34	19.42	19.26	20.00
30	QPSK	1	158	19.23	19.51	19.42	20.00
30	QPSK	80	0	19.30	19.45	19.44	20.00
30	QPSK	80	40	19.14	19.47	19.44	20.00
30	QPSK	80	80	19.16	19.43	19.44	20.00
30	QPSK	160	0	19.17	19.32	19.45	20.00



30	16QAM	1	1	19.27	19.49	19.27	20.00
30	64QAM	1	1	19.18	19.46	19.45	20.00
30	256QAM	1	1	19.15	19.39	19.28	20.00
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	19.14	19.46	19.22	20.00
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	19.21	19.49	19.35	20.00
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	19.17	19.47	19.32	20.00
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	19.11	19.42	19.25	20.00
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	19.16	19.40	19.28	20.00

【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	23.82	23.94	23.84	24.50
30	PI/2 BPSK	1	80	23.57	23.73	23.56	24.50
30	PI/2 BPSK	1	158	23.59	23.75	23.64	24.50
30	PI/2 BPSK	80	0	23.63	23.77	23.55	24.50
30	PI/2 BPSK	80	40	23.58	23.79	23.55	24.50
30	PI/2 BPSK	80	80	23.55	23.70	23.49	24.50
30	PI/2 BPSK	160	0	23.41	23.68	23.54	24.50
30	QPSK	1	1	23.66	23.81	23.63	24.50
30	QPSK	1	80	23.59	23.76	23.60	24.50
30	QPSK	1	158	23.58	23.82	23.71	24.50
30	QPSK	80	0	23.56	23.77	23.59	24.50
30	QPSK	80	40	23.57	23.70	23.57	24.50
30	QPSK	80	80	23.43	23.64	23.45	24.50
30	QPSK	160	0	23.58	23.73	23.54	24.50
30	16QAM	1	1	23.67	23.93	23.73	24.50
30	64QAM	1	1	21.61	21.80	21.57	23.00
30	256QAM	1	1	20.20	20.40	20.30	21.00
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	23.67	23.92	23.79	24.50
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	23.69	23.90	23.77	24.50
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	23.80	23.81	23.71	24.50
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	23.77	23.82	23.80	24.50
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	23.72	23.90	23.81	24.50

【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	23.82	23.94	23.84	24.50
30	PI/2 BPSK	1	80	23.57	23.73	23.56	24.50
30	PI/2 BPSK	1	158	23.59	23.75	23.64	24.50
30	PI/2 BPSK	80	0	23.63	23.77	23.55	24.50
30	PI/2 BPSK	80	40	23.58	23.79	23.55	24.50
30	PI/2 BPSK	80	80	23.55	23.70	23.49	24.50
30	PI/2 BPSK	160	0	23.41	23.68	23.54	24.50



30	QPSK	1	1	23.66	23.81	23.63	24.50
30	QPSK	1	80	23.59	23.76	23.60	24.50
30	QPSK	1	158	23.58	23.82	23.71	24.50
30	QPSK	80	0	23.56	23.77	23.59	24.50
30	QPSK	80	40	23.57	23.70	23.57	24.50
30	QPSK	80	80	23.43	23.64	23.45	24.50
30	QPSK	160	0	23.58	23.73	23.54	24.50
30	16QAM	1	1	23.67	23.93	23.73	24.50
30	64QAM	1	1	21.61	21.80	21.57	23.00
30	256QAM	1	1	20.20	20.40	20.30	21.00
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	23.67	23.92	23.79	24.50
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	23.69	23.90	23.77	24.50
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	23.80	23.81	23.71	24.50
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	23.77	23.82	23.80	24.50
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	23.72	23.90	23.81	24.50

【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	20.86	21.03	20.76	21.50
30	PI/2 BPSK	1	80	20.86	20.90	20.80	21.50
30	PI/2 BPSK	1	158	20.89	20.91	20.80	21.50
30	PI/2 BPSK	80	0	20.75	20.88	20.86	21.50
30	PI/2 BPSK	80	40	20.80	20.91	20.88	21.50
30	PI/2 BPSK	80	80	20.82	20.88	20.77	21.50
30	PI/2 BPSK	160	0	20.91	20.92	20.92	21.50
30	QPSK	1	1	20.74	20.92	20.85	21.50
30	QPSK	1	80	20.72	20.95	20.84	21.50
30	QPSK	1	158	20.74	20.84	20.76	21.50
30	QPSK	80	0	20.92	20.90	20.89	21.50
30	QPSK	80	40	20.74	21.01	20.80	21.50
30	QPSK	80	80	20.84	20.88	20.76	21.50
30	QPSK	160	0	20.83	20.86	20.84	21.50
30	16QAM	1	1	20.83	20.86	20.92	21.50
30	64QAM	1	1	20.87	20.84	20.77	21.50
30	256QAM	1	1	20.18	20.38	20.06	21.00
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	20.84	20.90	20.68	21.50
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	20.86	21.03	20.76	21.50
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	20.81	20.94	20.71	21.50
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	20.77	20.92	20.68	21.50
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	20.82	21.00	20.72	21.50

【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	20.87	21.03	20.89	21.50
30	PI/2 BPSK	1	80	20.86	20.90	20.80	21.50
30	PI/2 BPSK	1	158	20.83	20.91	20.80	21.50
30	PI/2 BPSK	80	0	20.75	20.88	20.86	21.50
30	PI/2 BPSK	80	40	20.80	20.91	20.88	21.50
30	PI/2 BPSK	80	80	20.82	20.88	20.77	21.50
30	PI/2 BPSK	160	0	20.91	20.92	20.92	21.50
30	QPSK	1	1	20.74	20.92	20.85	21.50
30	QPSK	1	80	20.72	20.95	20.84	21.50
30	QPSK	1	158	20.74	20.84	20.76	21.50
30	QPSK	80	0	20.92	20.90	20.89	21.50
30	QPSK	80	40	20.74	21.01	20.80	21.50
30	QPSK	80	80	20.84	20.88	20.76	21.50
30	QPSK	160	0	20.83	20.86	20.84	21.50
30	16QAM	1	1	20.83	20.86	20.92	21.50
30	64QAM	1	1	20.87	20.84	20.77	21.50
30	256QAM	1	1	20.18	20.38	20.06	21.00
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	20.84	20.90	20.68	21.50
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	20.86	21.03	20.76	21.50
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	20.81	20.94	20.71	21.50
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	20.77	20.92	20.68	21.50
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	20.82	21.00	20.72	21.50

【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	23.72	23.76	23.62	24.50
20	PI/2 BPSK	1	53	23.53	23.64	23.35	24.50
20	PI/2 BPSK	1	104	23.49	23.63	23.39	24.50
20	PI/2 BPSK	50	0	23.35	23.53	23.37	24.50
20	PI/2 BPSK	50	28	23.52	23.63	23.44	24.50
20	PI/2 BPSK	50	56	23.50	23.61	23.39	24.50
20	PI/2 BPSK	100	0	23.37	23.51	23.34	24.50
20	QPSK	1	1	23.62	23.67	23.43	24.50
20	QPSK	1	53	23.55	23.65	23.43	24.50
20	QPSK	1	104	23.60	23.70	23.50	24.50
20	QPSK	50	0	23.41	23.58	23.41	24.50
20	QPSK	50	28	23.43	23.56	23.30	24.50
20	QPSK	50	56	23.41	23.57	23.37	24.50
20	QPSK	100	0	23.38	23.55	23.28	24.50
20	16QAM	1	1	23.64	23.81	23.61	24.50
20	64QAM	1	1	22.29	22.46	22.18	23.00
20	256QAM	1	1	19.50	19.66	19.49	21.00
Channel				134100	136100	138100	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	23.64	23.64	23.59	24.50
Channel				133600	136100	138600	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	23.66	23.68	23.54	24.50
Channel				133100	136100	139100	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	23.59	23.72	23.49	24.50



【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	
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	23.72	23.76	23.62	24.50
20	PI/2 BPSK	1	53	23.53	23.64	23.35	24.50
20	PI/2 BPSK	1	104	23.49	23.63	23.39	24.50
20	PI/2 BPSK	50	0	23.35	23.53	23.37	24.50
20	PI/2 BPSK	50	28	23.52	23.63	23.44	24.50
20	PI/2 BPSK	50	56	23.50	23.61	23.39	24.50
20	PI/2 BPSK	100	0	23.37	23.51	23.34	24.50
20	QPSK	1	1	23.62	23.67	23.43	24.50
20	QPSK	1	53	23.55	23.65	23.43	24.50
20	QPSK	1	104	23.60	23.70	23.50	24.50
20	QPSK	50	0	23.41	23.58	23.41	24.50
20	QPSK	50	28	23.43	23.56	23.30	24.50
20	QPSK	50	56	23.41	23.57	23.37	24.50
20	QPSK	100	0	23.38	23.55	23.28	24.50
20	16QAM	1	1	23.64	23.81	23.61	24.50
20	64QAM	1	1	22.29	22.46	22.18	23.00
20	256QAM	1	1	19.50	19.66	19.49	21.00
Channel				134100	136100	138100	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	23.64	23.64	23.59	24.50
Channel				133600	136100	138600	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	23.66	23.68	23.54	24.50
Channel				133100	136100	139100	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	23.59	23.72	23.49	24.50

【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	
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	23.72	23.76	23.62	24.50
20	PI/2 BPSK	1	53	23.53	23.64	23.35	24.50
20	PI/2 BPSK	1	104	23.49	23.63	23.39	24.50
20	PI/2 BPSK	50	0	23.35	23.53	23.37	24.50
20	PI/2 BPSK	50	28	23.52	23.63	23.44	24.50
20	PI/2 BPSK	50	56	23.50	23.61	23.39	24.50
20	PI/2 BPSK	100	0	23.37	23.51	23.34	24.50
20	QPSK	1	1	23.62	23.67	23.43	24.50
20	QPSK	1	53	23.55	23.65	23.43	24.50
20	QPSK	1	104	23.60	23.70	23.50	24.50
20	QPSK	50	0	23.41	23.58	23.41	24.50
20	QPSK	50	28	23.43	23.56	23.30	24.50
20	QPSK	50	56	23.41	23.57	23.37	24.50
20	QPSK	100	0	23.38	23.55	23.28	24.50
20	16QAM	1	1	23.64	23.81	23.61	24.50
20	64QAM	1	1	22.29	22.46	22.18	23.00
20	256QAM	1	1	19.50	19.66	19.49	21.00
Channel				134100	136100	138100	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	23.64	23.64	23.59	24.50
Channel				133600	136100	138600	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	23.66	23.68	23.54	24.50
Channel				133100	136100	139100	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	23.59	23.72	23.49	24.50



【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	
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	23.72	23.76	23.62	24.50
20	PI/2 BPSK	1	53	23.53	23.64	23.35	24.50
20	PI/2 BPSK	1	104	23.49	23.63	23.39	24.50
20	PI/2 BPSK	50	0	23.35	23.53	23.37	24.50
20	PI/2 BPSK	50	28	23.52	23.63	23.44	24.50
20	PI/2 BPSK	50	56	23.50	23.61	23.39	24.50
20	PI/2 BPSK	100	0	23.37	23.51	23.34	24.50
20	QPSK	1	1	23.62	23.67	23.43	24.50
20	QPSK	1	53	23.55	23.65	23.43	24.50
20	QPSK	1	104	23.60	23.70	23.50	24.50
20	QPSK	50	0	23.41	23.58	23.41	24.50
20	QPSK	50	28	23.43	23.56	23.30	24.50
20	QPSK	50	56	23.41	23.57	23.37	24.50
20	QPSK	100	0	23.38	23.55	23.28	24.50
20	16QAM	1	1	23.64	23.81	23.61	24.50
20	64QAM	1	1	22.29	22.46	22.18	23.00
20	256QAM	1	1	19.50	19.66	19.49	21.00
Channel				134100	136100	138100	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	23.64	23.64	23.59	24.50
Channel				133600	136100	138600	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	23.66	23.68	23.54	24.50
Channel				133100	136100	139100	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	23.59	23.72	23.49	24.50

【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		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.15		24.00
100	PI/2 BPSK	1	137		22.82		24.00
100	PI/2 BPSK	1	271		22.88		24.00
100	PI/2 BPSK	135	0		22.78		24.00
100	PI/2 BPSK	135	69		22.83		24.00
100	PI/2 BPSK	135	138		22.81		24.00
100	PI/2 BPSK	270	0		22.79		24.00
100	QPSK	1	1		22.96		24.00
100	QPSK	1	137		22.90		24.00
100	QPSK	1	271		22.90		24.00
100	QPSK	135	0		22.82		24.00
100	QPSK	135	69		22.83		24.00
100	QPSK	135	138		22.86		24.00
100	QPSK	270	0		22.79		24.00
100	16QAM	1	1		23.04		24.00
100	64QAM	1	1		23.11		24.00
100	256QAM	1	1		22.42		23.00
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	22.96	23.01	22.85	24.00
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	22.82	22.91	22.78	24.00
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	22.90	22.97	22.71	24.00
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	22.85	22.94	22.84	24.00
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	22.91	22.90	22.78	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	22.90	23.16	23.08	24.00
100	PI/2 BPSK	1	137	22.73	23.10	22.98	24.00
100	PI/2 BPSK	1	271	22.75	23.11	22.90	24.00
100	PI/2 BPSK	135	0	22.81	23.11	22.89	24.00
100	PI/2 BPSK	135	69	22.78	23.15	23.05	24.00
100	PI/2 BPSK	135	138	22.68	22.99	22.79	24.00
100	PI/2 BPSK	270	0	22.78	23.14	23.02	24.00
100	QPSK	1	1	22.86	23.22	23.02	24.00
100	QPSK	1	137	22.89	23.20	23.04	24.00
100	QPSK	1	271	22.90	23.21	23.05	24.00
100	QPSK	135	0	22.81	23.21	23.03	24.00
100	QPSK	135	69	22.70	23.06	22.84	24.00
100	QPSK	135	138	22.68	22.96	22.86	24.00
100	QPSK	270	0	22.80	23.09	22.99	24.00
100	16QAM	1	1	22.77	23.14	23.00	24.00
100	64QAM	1	1	22.78	23.10	22.98	24.00
100	256QAM	1	1	22.35	22.70	22.54	23.00
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	22.89	23.08	22.99	24.00
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	22.79	23.14	23.06	24.00
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	22.82	23.10	22.97	24.00
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	22.88	23.06	22.98	24.00
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	22.87	23.04	23.03	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		26.11		27.00
100	PI/2 BPSK	1	137		25.88		27.00
100	PI/2 BPSK	1	271		25.93		27.00
100	PI/2 BPSK	135	0		25.83		27.00
100	PI/2 BPSK	135	69		25.89		27.00
100	PI/2 BPSK	135	138		25.86		27.00
100	PI/2 BPSK	270	0		25.83		27.00
100	QPSK	1	1		26.04		27.00
100	QPSK	1	137		25.93		27.00
100	QPSK	1	271		25.97		27.00
100	QPSK	135	0		25.85		27.00
100	QPSK	135	69		25.87		27.00
100	QPSK	135	138		25.84		27.00
100	QPSK	270	0		25.85		27.00
100	16QAM	1	1		26.10		27.00
100	64QAM	1	1		24.71		25.50
100	256QAM	1	1		22.46		23.50
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	26.01	25.93	25.90	27.00
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	25.87	25.86	25.88	27.00
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	25.86	25.82	25.86	27.00
Channel				631000	633332	635666	Tune-up limit



Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	25.96	25.87	25.78	27.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	25.88	25.82	25.78	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	Tune-up limit (dBm)
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	25.94	26.28	26.08	27.00
100	PI/2 BPSK	1	137	25.76	26.19	25.91	27.00
100	PI/2 BPSK	1	271	25.77	26.22	25.88	27.00
100	PI/2 BPSK	135	0	25.80	26.21	25.93	27.00
100	PI/2 BPSK	135	69	25.82	26.25	26.03	27.00
100	PI/2 BPSK	135	138	25.56	25.98	25.65	27.00
100	PI/2 BPSK	270	0	25.69	26.16	25.82	27.00
100	QPSK	1	1	25.87	26.30	26.07	27.00
100	QPSK	1	137	25.85	26.25	25.91	27.00
100	QPSK	1	271	25.80	26.24	25.92	27.00
100	QPSK	135	0	25.70	26.17	25.91	27.00
100	QPSK	135	69	25.60	26.08	25.78	27.00
100	QPSK	135	138	25.68	26.04	25.75	27.00
100	QPSK	270	0	25.78	26.16	25.90	27.00
100	16QAM	1	1	25.75	26.15	25.93	27.00
100	64QAM	1	1	24.47	24.94	24.62	25.50
100	256QAM	1	1	22.25	22.67	22.41	23.50
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	25.89	26.14	26.06	27.00
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	25.83	26.18	25.97	27.00
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	25.87	26.16	26.00	27.00
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	25.89	26.23	26.02	27.00
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	25.92	26.17	25.98	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		Tune-up limit (dBm)
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.15		24.00
100	PI/2 BPSK	1	137		22.82		24.00
100	PI/2 BPSK	1	271		22.88		24.00
100	PI/2 BPSK	135	0		22.78		24.00
100	PI/2 BPSK	135	69		22.83		24.00
100	PI/2 BPSK	135	138		22.81		24.00
100	PI/2 BPSK	270	0		22.79		24.00
100	QPSK	1	1		22.96		24.00
100	QPSK	1	137		22.90		24.00
100	QPSK	1	271		22.90		24.00
100	QPSK	135	0		22.82		24.00
100	QPSK	135	69		22.83		24.00
100	QPSK	135	138		22.86		24.00
100	QPSK	270	0		22.79		24.00
100	16QAM	1	1		23.04		24.00
100	64QAM	1	1		23.11		24.00
100	256QAM	1	1		22.42		23.00
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	22.96	23.01	22.85	24.00



Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	22.82	22.91	22.78	24.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	22.90	22.97	22.71	24.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	22.85	22.94	22.84	24.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	22.91	22.90	22.78	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	Tune-up limit
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	22.90	23.16	23.08	24.00
100	PI/2 BPSK	1	137	22.73	23.10	22.98	24.00
100	PI/2 BPSK	1	271	22.75	23.11	22.90	24.00
100	PI/2 BPSK	135	0	22.81	23.11	22.89	24.00
100	PI/2 BPSK	135	69	22.78	23.15	23.05	24.00
100	PI/2 BPSK	135	138	22.68	22.99	22.79	24.00
100	PI/2 BPSK	270	0	22.78	23.14	23.02	24.00
100	QPSK	1	1	22.86	23.22	23.02	24.00
100	QPSK	1	137	22.89	23.20	23.04	24.00
100	QPSK	1	271	22.90	23.21	23.05	24.00
100	QPSK	135	0	22.81	23.21	23.03	24.00
100	QPSK	135	69	22.70	23.06	22.84	24.00
100	QPSK	135	138	22.68	22.96	22.86	24.00
100	QPSK	270	0	22.80	23.09	22.99	24.00
100	16QAM	1	1	22.77	23.14	23.00	24.00
100	64QAM	1	1	22.78	23.10	22.98	24.00
100	256QAM	1	1	22.35	22.70	22.54	23.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	22.89	23.08	22.99	24.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	22.79	23.14	23.06	24.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	22.82	23.10	22.97	24.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	22.88	23.06	22.98	24.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	22.87	23.04	23.03	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		Tune-up limit
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		26.11		27.00
100	PI/2 BPSK	1	137		25.88		27.00
100	PI/2 BPSK	1	271		25.93		27.00
100	PI/2 BPSK	135	0		25.83		27.00
100	PI/2 BPSK	135	69		25.89		27.00
100	PI/2 BPSK	135	138		25.86		27.00
100	PI/2 BPSK	270	0		25.83		27.00
100	QPSK	1	1		26.04		27.00
100	QPSK	1	137		25.93		27.00
100	QPSK	1	271		25.97		27.00
100	QPSK	135	0		25.85		27.00
100	QPSK	135	69		25.87		27.00
100	QPSK	135	138		25.84		27.00



100	QPSK	270	0		25.85		27.00
100	16QAM	1	1		26.10		27.00
100	64QAM	1	1		24.71		25.50
100	256QAM	1	1		22.46		23.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	26.01	25.93	25.90	27.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	25.87	25.86	25.88	27.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	25.86	25.82	25.86	27.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	25.96	25.87	25.78	27.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	25.88	25.82	25.78	27.00

【FR1 n77 (270)_FCC_Part 270 (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	25.94	26.28	26.08	27.00
100	PI/2 BPSK	1	137	25.76	26.19	25.91	27.00
100	PI/2 BPSK	1	271	25.77	26.22	25.88	27.00
100	PI/2 BPSK	135	0	25.80	26.21	25.93	27.00
100	PI/2 BPSK	135	69	25.82	26.25	26.03	27.00
100	PI/2 BPSK	135	138	25.56	25.98	25.65	27.00
100	PI/2 BPSK	270	0	25.69	26.16	25.82	27.00
100	QPSK	1	1	25.87	26.30	26.07	27.00
100	QPSK	1	137	25.85	26.25	25.91	27.00
100	QPSK	1	271	25.80	26.24	25.92	27.00
100	QPSK	135	0	25.70	26.17	25.91	27.00
100	QPSK	135	69	25.60	26.08	25.78	27.00
100	QPSK	135	138	25.68	26.04	25.75	27.00
100	QPSK	270	0	25.78	26.16	25.90	27.00
100	16QAM	1	1	25.75	26.15	25.93	27.00
100	64QAM	1	1	24.47	24.94	24.62	25.50
100	256QAM	1	1	22.25	22.67	22.41	23.50
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	25.89	26.14	26.06	27.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	25.83	26.18	25.97	27.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	25.87	26.16	26.00	27.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	25.89	26.23	26.02	27.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	25.92	26.17	25.98	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		15.17		16.00
100	PI/2 BPSK	1	137		15.02		16.00
100	PI/2 BPSK	1	271		15.14		16.00
100	PI/2 BPSK	135	0		15.11		16.00
100	PI/2 BPSK	135	69		15.12		16.00
100	PI/2 BPSK	135	138		15.06		16.00



100	PI/2 BPSK	270	0		15.14		16.00
100	QPSK	1	1		15.18		16.00
100	QPSK	1	137		15.12		16.00
100	QPSK	1	271		15.07		16.00
100	QPSK	135	0		15.05		16.00
100	QPSK	135	69		15.19		16.00
100	QPSK	135	138		15.14		16.00
100	QPSK	270	0		15.08		16.00
100	16QAM	1	1		15.10		16.00
100	64QAM	1	1		15.06		16.00
100	256QAM	1	1		15.06		16.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	15.12	15.16	15.10	16.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	15.08	15.10	15.01	16.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	15.03	15.02	14.96	16.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	15.06	15.07	15.02	16.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	14.98	15.11	15.02	16.00

【FR1 n77 (270)_FCC_Part 270 (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	14.85	15.35	15.08	16.00
100	PI/2 BPSK	1	137	14.93	15.29	15.06	16.00
100	PI/2 BPSK	1	271	14.99	15.32	15.12	16.00
100	PI/2 BPSK	135	0	14.85	15.24	15.09	16.00
100	PI/2 BPSK	135	69	14.91	15.30	15.16	16.00
100	PI/2 BPSK	135	138	14.85	15.28	15.14	16.00
100	PI/2 BPSK	270	0	15.00	15.31	15.06	16.00
100	QPSK	1	1	14.95	15.24	14.99	16.00
100	QPSK	1	137	14.88	15.36	15.06	16.00
100	QPSK	1	271	14.98	15.37	15.09	16.00
100	QPSK	135	0	15.00	15.18	15.09	16.00
100	QPSK	135	69	14.90	15.18	15.03	16.00
100	QPSK	135	138	14.94	15.23	15.17	16.00
100	QPSK	270	0	14.92	15.22	15.14	16.00
100	16QAM	1	1	15.02	15.30	15.05	16.00
100	64QAM	1	1	15.03	15.31	15.11	16.00
100	256QAM	1	1	14.98	15.26	15.10	16.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	14.71	15.26	15.02	16.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	14.75	15.20	14.97	16.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	14.83	15.32	15.07	16.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	14.80	15.28	14.94	16.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	14.76	15.27	15.05	16.00

【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		15.17		16.00
100	PI/2 BPSK	1	137		15.02		16.00
100	PI/2 BPSK	1	271		15.14		16.00
100	PI/2 BPSK	135	0		15.11		16.00
100	PI/2 BPSK	135	69		15.12		16.00
100	PI/2 BPSK	135	138		15.06		16.00
100	PI/2 BPSK	270	0		15.14		16.00
100	QPSK	1	1		15.18		16.00
100	QPSK	1	137		15.12		16.00
100	QPSK	1	271		15.07		16.00
100	QPSK	135	0		15.05		16.00
100	QPSK	135	69		15.19		16.00
100	QPSK	135	138		15.14		16.00
100	QPSK	270	0		15.08		16.00
100	16QAM	1	1		15.10		16.00
100	64QAM	1	1		15.06		16.00
100	256QAM	1	1		15.06		16.00
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	15.12	15.16	15.10	16.00
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	15.08	15.10	15.01	16.00
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	15.03	15.02	14.96	16.00
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	15.06	15.07	15.02	16.00
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	14.98	15.11	15.02	16.00

【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	14.85	15.35	15.08	16.00
100	PI/2 BPSK	1	137	14.93	15.29	15.06	16.00
100	PI/2 BPSK	1	271	14.99	15.32	15.12	16.00
100	PI/2 BPSK	135	0	14.85	15.24	15.09	16.00
100	PI/2 BPSK	135	69	14.91	15.30	15.16	16.00
100	PI/2 BPSK	135	138	14.85	15.28	15.14	16.00
100	PI/2 BPSK	270	0	15.00	15.31	15.06	16.00
100	QPSK	1	1	14.95	15.24	14.99	16.00
100	QPSK	1	137	14.88	15.36	15.06	16.00
100	QPSK	1	271	14.98	15.37	15.09	16.00
100	QPSK	135	0	15.00	15.18	15.09	16.00
100	QPSK	135	69	14.90	15.18	15.03	16.00
100	QPSK	135	138	14.94	15.23	15.17	16.00
100	QPSK	270	0	14.92	15.22	15.14	16.00
100	16QAM	1	1	15.02	15.30	15.05	16.00
100	64QAM	1	1	15.03	15.31	15.11	16.00
100	256QAM	1	1	14.98	15.26	15.10	16.00
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	14.71	15.26	15.02	16.00
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	14.75	15.20	14.97	16.00
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	14.83	15.32	15.07	16.00
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	14.80	15.28	14.94	16.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	14.76	15.27	15.05	16.00

【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		15.17		16.00
100	PI/2 BPSK	1	137		15.02		16.00
100	PI/2 BPSK	1	271		15.14		16.00
100	PI/2 BPSK	135	0		15.11		16.00
100	PI/2 BPSK	135	69		15.12		16.00
100	PI/2 BPSK	135	138		15.06		16.00
100	PI/2 BPSK	270	0		15.14		16.00
100	QPSK	1	1		15.18		16.00
100	QPSK	1	137		15.12		16.00
100	QPSK	1	271		15.07		16.00
100	QPSK	135	0		15.05		16.00
100	QPSK	135	69		15.19		16.00
100	QPSK	135	138		15.14		16.00
100	QPSK	270	0		15.08		16.00
100	16QAM	1	1		15.10		16.00
100	64QAM	1	1		15.06		16.00
100	256QAM	1	1		15.06		16.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	15.12	15.16	15.10	16.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	15.08	15.10	15.01	16.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	15.03	15.02	14.96	16.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	15.06	15.07	15.02	16.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	14.98	15.11	15.02	16.00

【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	14.85	15.35	15.08	16.00
100	PI/2 BPSK	1	137	14.93	15.29	15.06	16.00
100	PI/2 BPSK	1	271	14.99	15.32	15.12	16.00
100	PI/2 BPSK	135	0	14.85	15.24	15.09	16.00
100	PI/2 BPSK	135	69	14.91	15.30	15.16	16.00
100	PI/2 BPSK	135	138	14.85	15.28	15.14	16.00
100	PI/2 BPSK	270	0	15.00	15.31	15.06	16.00
100	QPSK	1	1	14.95	15.24	14.99	16.00
100	QPSK	1	137	14.88	15.36	15.06	16.00
100	QPSK	1	271	14.98	15.37	15.09	16.00
100	QPSK	135	0	15.00	15.18	15.09	16.00
100	QPSK	135	69	14.90	15.18	15.03	16.00
100	QPSK	135	138	14.94	15.23	15.17	16.00
100	QPSK	270	0	14.92	15.22	15.14	16.00
100	16QAM	1	1	15.02	15.30	15.05	16.00
100	64QAM	1	1	15.03	15.31	15.11	16.00
100	256QAM	1	1	14.98	15.26	15.10	16.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	14.71	15.26	15.02	16.00
Channel				648668	656000	663332	Tune-up limit

Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	14.75	15.20	14.97	16.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	14.83	15.32	15.07	16.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	14.80	15.28	14.94	16.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	14.76	15.27	15.05	16.00

【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		15.17		16.00
100	PI/2 BPSK	1	137		15.02		16.00
100	PI/2 BPSK	1	271		15.14		16.00
100	PI/2 BPSK	135	0		15.11		16.00
100	PI/2 BPSK	135	69		15.12		16.00
100	PI/2 BPSK	135	138		15.06		16.00
100	PI/2 BPSK	270	0		15.14		16.00
100	QPSK	1	1		15.18		16.00
100	QPSK	1	137		15.12		16.00
100	QPSK	1	271		15.07		16.00
100	QPSK	135	0		15.05		16.00
100	QPSK	135	69		15.19		16.00
100	QPSK	135	138		15.14		16.00
100	QPSK	270	0		15.08		16.00
100	16QAM	1	1		15.10		16.00
100	64QAM	1	1		15.06		16.00
100	256QAM	1	1		15.06		16.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	15.12	15.16	15.10	16.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	15.08	15.10	15.01	16.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	15.03	15.02	14.96	16.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	15.06	15.07	15.02	16.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	14.98	15.11	15.02	16.00

【FR1 n77 (27O)_FCC_Part 27O (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	14.85	15.35	15.08	16.00
100	PI/2 BPSK	1	137	14.93	15.29	15.06	16.00
100	PI/2 BPSK	1	271	14.99	15.32	15.12	16.00
100	PI/2 BPSK	135	0	14.85	15.24	15.09	16.00
100	PI/2 BPSK	135	69	14.91	15.30	15.16	16.00
100	PI/2 BPSK	135	138	14.85	15.28	15.14	16.00
100	PI/2 BPSK	270	0	15.00	15.31	15.06	16.00
100	QPSK	1	1	14.95	15.24	14.99	16.00
100	QPSK	1	137	14.88	15.36	15.06	16.00
100	QPSK	1	271	14.98	15.37	15.09	16.00
100	QPSK	135	0	15.00	15.18	15.09	16.00
100	QPSK	135	69	14.90	15.18	15.03	16.00
100	QPSK	135	138	14.94	15.23	15.17	16.00
100	QPSK	270	0	14.92	15.22	15.14	16.00

100	16QAM	1	1	15.02	15.30	15.05	16.00
100	64QAM	1	1	15.03	15.31	15.11	16.00
100	256QAM	1	1	14.98	15.26	15.10	16.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	14.71	15.26	15.02	16.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	14.75	15.20	14.97	16.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	14.83	15.32	15.07	16.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	14.80	15.28	14.94	16.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	14.76	15.27	15.05	16.00

【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		18.03		19.00
100	PI/2 BPSK	1	137		17.96		19.00
100	PI/2 BPSK	1	271		17.96		19.00
100	PI/2 BPSK	135	0		17.95		19.00
100	PI/2 BPSK	135	69		18.02		19.00
100	PI/2 BPSK	135	138		17.89		19.00
100	PI/2 BPSK	270	0		17.99		19.00
100	QPSK	1	1		17.91		19.00
100	QPSK	1	137		18.01		19.00
100	QPSK	1	271		17.96		19.00
100	QPSK	135	0		17.93		19.00
100	QPSK	135	69		18.04		19.00
100	QPSK	135	138		17.99		19.00
100	QPSK	270	0		17.95		19.00
100	16QAM	1	1		17.93		19.00
100	64QAM	1	1		17.97		19.00
100	256QAM	1	1		18.01		19.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	17.99	18.01	17.95	19.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	17.92	17.95	17.92	19.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	17.93	17.91	17.88	19.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	17.85	17.99	17.94	19.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	17.94	17.95	17.86	19.00

【FR1 n77 (27O)_FCC_Part 27O (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	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	17.93	18.03	17.60	19.00
100	PI/2 BPSK	1	137	17.98	17.99	17.74	19.00
100	PI/2 BPSK	1	271	17.86	17.93	17.66	19.00
100	PI/2 BPSK	135	0	17.80	17.99	17.63	19.00
100	PI/2 BPSK	135	69	17.81	18.02	17.76	19.00
100	PI/2 BPSK	135	138	17.79	17.94	17.69	19.00
100	PI/2 BPSK	270	0	17.83	17.97	17.68	19.00



100	QPSK	1	1	17.82	18.01	17.71	19.00
100	QPSK	1	137	17.93	17.96	17.76	19.00
100	QPSK	1	271	17.90	17.88	17.73	19.00
100	QPSK	135	0	17.98	17.93	17.74	19.00
100	QPSK	135	69	17.89	17.95	17.69	19.00
100	QPSK	135	138	17.81	17.88	17.78	19.00
100	QPSK	270	0	17.82	17.89	17.71	19.00
100	16QAM	1	1	17.98	17.99	17.79	19.00
100	64QAM	1	1	17.84	18.01	17.70	19.00
100	256QAM	1	1	17.89	17.98	17.62	19.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	17.89	17.98	17.57	19.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	17.83	17.93	17.57	19.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	17.84	17.91	17.58	19.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	17.91	17.99	17.46	19.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	17.85	17.93	17.48	19.00

【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		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		18.03		19.00
100	PI/2 BPSK	1	137		17.96		19.00
100	PI/2 BPSK	1	271		17.96		19.00
100	PI/2 BPSK	135	0		17.95		19.00
100	PI/2 BPSK	135	69		18.02		19.00
100	PI/2 BPSK	135	138		17.89		19.00
100	PI/2 BPSK	270	0		17.99		19.00
100	QPSK	1	1		17.91		19.00
100	QPSK	1	137		18.01		19.00
100	QPSK	1	271		17.96		19.00
100	QPSK	135	0		17.93		19.00
100	QPSK	135	69		18.04		19.00
100	QPSK	135	138		17.99		19.00
100	QPSK	270	0		17.95		19.00
100	16QAM	1	1		17.93		19.00
100	64QAM	1	1		17.97		19.00
100	256QAM	1	1		18.01		19.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	17.99	18.01	17.95	19.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	17.92	17.95	17.92	19.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	17.93	17.91	17.88	19.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	17.85	17.99	17.94	19.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	17.94	17.95	17.86	19.00

**【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	17.93	18.03	17.60	19.00
100	PI/2 BPSK	1	137	17.98	17.99	17.74	19.00
100	PI/2 BPSK	1	271	17.86	17.93	17.66	19.00
100	PI/2 BPSK	135	0	17.80	17.99	17.63	19.00
100	PI/2 BPSK	135	69	17.81	18.02	17.76	19.00
100	PI/2 BPSK	135	138	17.79	17.94	17.69	19.00
100	PI/2 BPSK	270	0	17.83	17.97	17.68	19.00
100	QPSK	1	1	17.82	18.01	17.71	19.00
100	QPSK	1	137	17.93	17.96	17.76	19.00
100	QPSK	1	271	17.90	17.88	17.73	19.00
100	QPSK	135	0	17.98	17.93	17.74	19.00
100	QPSK	135	69	17.89	17.95	17.69	19.00
100	QPSK	135	138	17.81	17.88	17.78	19.00
100	QPSK	270	0	17.82	17.89	17.71	19.00
100	16QAM	1	1	17.98	17.99	17.79	19.00
100	64QAM	1	1	17.84	18.01	17.70	19.00
100	256QAM	1	1	17.89	17.98	17.62	19.00
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	17.89	17.98	17.57	19.00
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	17.83	17.93	17.57	19.00
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	17.84	17.91	17.58	19.00
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	17.91	17.99	17.46	19.00
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	17.85	17.93	17.48	19.00

【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		18.03		19.00
100	PI/2 BPSK	1	137		17.96		19.00
100	PI/2 BPSK	1	271		17.96		19.00
100	PI/2 BPSK	135	0		17.95		19.00
100	PI/2 BPSK	135	69		18.02		19.00
100	PI/2 BPSK	135	138		17.89		19.00
100	PI/2 BPSK	270	0		17.99		19.00
100	QPSK	1	1		17.91		19.00
100	QPSK	1	137		18.01		19.00
100	QPSK	1	271		17.96		19.00
100	QPSK	135	0		17.93		19.00
100	QPSK	135	69		18.04		19.00
100	QPSK	135	138		17.99		19.00
100	QPSK	270	0		17.95		19.00
100	16QAM	1	1		17.93		19.00
100	64QAM	1	1		17.97		19.00
100	256QAM	1	1		18.01		19.00
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	17.99	18.01	17.95	19.00
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	17.92	17.95	17.92	19.00
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	17.93	17.91	17.88	19.00
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	



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30	PI/2 BPSK	1	1	17.85	17.99	17.94	19.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	17.94	17.95	17.86	19.00

【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	Tune-up limit
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	17.93	18.03	17.60	19.00
100	PI/2 BPSK	1	137	17.98	17.99	17.74	19.00
100	PI/2 BPSK	1	271	17.86	17.93	17.66	19.00
100	PI/2 BPSK	135	0	17.80	17.99	17.63	19.00
100	PI/2 BPSK	135	69	17.81	18.02	17.76	19.00
100	PI/2 BPSK	135	138	17.79	17.94	17.69	19.00
100	PI/2 BPSK	270	0	17.83	17.97	17.68	19.00
100	QPSK	1	1	17.82	18.01	17.71	19.00
100	QPSK	1	137	17.93	17.96	17.76	19.00
100	QPSK	1	271	17.90	17.88	17.73	19.00
100	QPSK	135	0	17.98	17.93	17.74	19.00
100	QPSK	135	69	17.89	17.95	17.69	19.00
100	QPSK	135	138	17.81	17.88	17.78	19.00
100	QPSK	270	0	17.82	17.89	17.71	19.00
100	16QAM	1	1	17.98	17.99	17.79	19.00
100	64QAM	1	1	17.84	18.01	17.70	19.00
100	256QAM	1	1	17.89	17.98	17.62	19.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	17.89	17.98	17.57	19.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	17.83	17.93	17.57	19.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	17.84	17.91	17.58	19.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	17.91	17.99	17.46	19.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	17.85	17.93	17.48	19.00

【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		Tune-up limit
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		18.03		19.00
100	PI/2 BPSK	1	137		17.96		19.00
100	PI/2 BPSK	1	271		17.96		19.00
100	PI/2 BPSK	135	0		17.95		19.00
100	PI/2 BPSK	135	69		18.02		19.00
100	PI/2 BPSK	135	138		17.89		19.00
100	PI/2 BPSK	270	0		17.99		19.00
100	QPSK	1	1		17.91		19.00
100	QPSK	1	137		18.01		19.00
100	QPSK	1	271		17.96		19.00
100	QPSK	135	0		17.93		19.00
100	QPSK	135	69		18.04		19.00
100	QPSK	135	138		17.99		19.00
100	QPSK	270	0		17.95		19.00
100	16QAM	1	1		17.93		19.00
100	64QAM	1	1		17.97		19.00
100	256QAM	1	1		18.01		19.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	17.99	18.01	17.95	19.00
Channel				632000	633332	634666	Tune-up limit



Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	17.92	17.95	17.92	19.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	17.93	17.91	17.88	19.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	17.85	17.99	17.94	19.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	17.94	17.95	17.86	19.00

【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	17.93	18.03	17.60	19.00
100	PI/2 BPSK	1	137	17.98	17.99	17.74	19.00
100	PI/2 BPSK	1	271	17.86	17.93	17.66	19.00
100	PI/2 BPSK	135	0	17.80	17.99	17.63	19.00
100	PI/2 BPSK	135	69	17.81	18.02	17.76	19.00
100	PI/2 BPSK	135	138	17.79	17.94	17.69	19.00
100	PI/2 BPSK	270	0	17.83	17.97	17.68	19.00
100	QPSK	1	1	17.82	18.01	17.71	19.00
100	QPSK	1	137	17.93	17.96	17.76	19.00
100	QPSK	1	271	17.90	17.88	17.73	19.00
100	QPSK	135	0	17.98	17.93	17.74	19.00
100	QPSK	135	69	17.89	17.95	17.69	19.00
100	QPSK	135	138	17.81	17.88	17.78	19.00
100	QPSK	270	0	17.82	17.89	17.71	19.00
100	16QAM	1	1	17.98	17.99	17.79	19.00
100	64QAM	1	1	17.84	18.01	17.70	19.00
100	256QAM	1	1	17.89	17.98	17.62	19.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	17.89	17.98	17.57	19.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	17.83	17.93	17.57	19.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	17.84	17.91	17.58	19.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	17.91	17.99	17.46	19.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	17.85	17.93	17.48	19.00

【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		9.01		10.00
100	PI/2 BPSK	1	137		8.89		10.00
100	PI/2 BPSK	1	271		8.96		10.00
100	PI/2 BPSK	135	0		8.99		10.00
100	PI/2 BPSK	135	69		9.00		10.00
100	PI/2 BPSK	135	138		8.90		10.00
100	PI/2 BPSK	270	0		8.97		10.00
100	QPSK	1	1		9.00		10.00
100	QPSK	1	137		8.95		10.00
100	QPSK	1	271		9.09		10.00
100	QPSK	135	0		8.91		10.00
100	QPSK	135	69		9.00		10.00
100	QPSK	135	138		8.90		10.00
100	QPSK	270	0		8.91		10.00



100	16QAM	1	1		8.99		10.00
100	64QAM	1	1		9.02		10.00
100	256QAM	1	1		8.95		10.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	8.81	8.93	8.90	10.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	8.78	8.79	8.78	10.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	8.77	8.83	8.77	10.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	8.78	8.83	8.84	10.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	8.74	8.87	8.89	10.00

【FR1 n77 (270)_FCC_Part 270 (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	8.95	9.03	8.78	10.00
100	PI/2 BPSK	1	137	8.92	8.98	8.73	10.00
100	PI/2 BPSK	1	271	8.98	8.97	8.64	10.00
100	PI/2 BPSK	135	0	8.80	9.00	8.62	10.00
100	PI/2 BPSK	135	69	8.78	9.01	8.78	10.00
100	PI/2 BPSK	135	138	8.78	8.95	8.65	10.00
100	PI/2 BPSK	270	0	8.99	8.99	8.69	10.00
100	QPSK	1	1	8.89	9.08	8.69	10.00
100	QPSK	1	137	8.80	8.90	8.73	10.00
100	QPSK	1	271	8.83	8.89	8.64	10.00
100	QPSK	135	0	8.93	8.93	8.59	10.00
100	QPSK	135	69	8.85	9.04	8.59	10.00
100	QPSK	135	138	8.91	9.03	8.78	10.00
100	QPSK	270	0	8.89	8.93	8.64	10.00
100	16QAM	1	1	8.80	8.93	8.74	10.00
100	64QAM	1	1	8.82	9.07	8.80	10.00
100	256QAM	1	1	8.86	9.03	8.61	10.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	8.90	8.99	8.68	10.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	8.87	8.91	8.76	10.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	8.91	8.91	8.72	10.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	8.94	8.89	8.64	10.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	8.93	9.01	8.75	10.00

【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		9.01		10.00
100	PI/2 BPSK	1	137		8.89		10.00
100	PI/2 BPSK	1	271		8.96		10.00
100	PI/2 BPSK	135	0		8.99		10.00
100	PI/2 BPSK	135	69		9.00		10.00
100	PI/2 BPSK	135	138		8.90		10.00
100	PI/2 BPSK	270	0		8.97		10.00



100	QPSK	1	1		9.00		10.00
100	QPSK	1	137		8.95		10.00
100	QPSK	1	271		9.09		10.00
100	QPSK	135	0		8.91		10.00
100	QPSK	135	69		9.00		10.00
100	QPSK	135	138		8.90		10.00
100	QPSK	270	0		8.91		10.00
100	16QAM	1	1		8.99		10.00
100	64QAM	1	1		9.02		10.00
100	256QAM	1	1		8.95		10.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	8.81	8.93	8.90	10.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	8.78	8.79	8.78	10.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	8.77	8.83	8.77	10.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	8.78	8.83	8.84	10.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	8.74	8.87	8.89	10.00

【FR1 n77 (270)_FCC_Part 270 (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	8.95	9.03	8.78	10.00
100	PI/2 BPSK	1	137	8.92	8.98	8.73	10.00
100	PI/2 BPSK	1	271	8.98	8.97	8.64	10.00
100	PI/2 BPSK	135	0	8.80	9.00	8.62	10.00
100	PI/2 BPSK	135	69	8.78	9.01	8.78	10.00
100	PI/2 BPSK	135	138	8.78	8.95	8.65	10.00
100	PI/2 BPSK	270	0	8.99	8.99	8.69	10.00
100	QPSK	1	1	8.89	9.08	8.69	10.00
100	QPSK	1	137	8.80	8.90	8.73	10.00
100	QPSK	1	271	8.83	8.89	8.64	10.00
100	QPSK	135	0	8.93	8.93	8.59	10.00
100	QPSK	135	69	8.85	9.04	8.59	10.00
100	QPSK	135	138	8.91	9.03	8.78	10.00
100	QPSK	270	0	8.89	8.93	8.64	10.00
100	16QAM	1	1	8.80	8.93	8.74	10.00
100	64QAM	1	1	8.82	9.07	8.80	10.00
100	256QAM	1	1	8.86	9.03	8.61	10.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	8.90	8.99	8.68	10.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	8.87	8.91	8.76	10.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	8.91	8.91	8.72	10.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	8.94	8.89	8.64	10.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	8.93	9.01	8.75	10.00

**【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		9.01		10.00
100	PI/2 BPSK	1	137		8.89		10.00
100	PI/2 BPSK	1	271		8.96		10.00
100	PI/2 BPSK	135	0		8.99		10.00
100	PI/2 BPSK	135	69		9.00		10.00
100	PI/2 BPSK	135	138		8.90		10.00
100	PI/2 BPSK	270	0		8.97		10.00
100	QPSK	1	1		9.00		10.00
100	QPSK	1	137		8.95		10.00
100	QPSK	1	271		9.09		10.00
100	QPSK	135	0		8.91		10.00
100	QPSK	135	69		9.00		10.00
100	QPSK	135	138		8.90		10.00
100	QPSK	270	0		8.91		10.00
100	16QAM	1	1		8.99		10.00
100	64QAM	1	1		9.02		10.00
100	256QAM	1	1		8.95		10.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	8.81	8.93	8.90	10.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	8.78	8.79	8.78	10.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	8.77	8.83	8.77	10.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	8.78	8.83	8.84	10.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	8.74	8.87	8.89	10.00

【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	8.95	9.03	8.78	10.00
100	PI/2 BPSK	1	137	8.92	8.98	8.73	10.00
100	PI/2 BPSK	1	271	8.98	8.97	8.64	10.00
100	PI/2 BPSK	135	0	8.80	9.00	8.62	10.00
100	PI/2 BPSK	135	69	8.78	9.01	8.78	10.00
100	PI/2 BPSK	135	138	8.78	8.95	8.65	10.00
100	PI/2 BPSK	270	0	8.99	8.99	8.69	10.00
100	QPSK	1	1	8.89	9.08	8.69	10.00
100	QPSK	1	137	8.80	8.90	8.73	10.00
100	QPSK	1	271	8.83	8.89	8.64	10.00
100	QPSK	135	0	8.93	8.93	8.59	10.00
100	QPSK	135	69	8.85	9.04	8.59	10.00
100	QPSK	135	138	8.91	9.03	8.78	10.00
100	QPSK	270	0	8.89	8.93	8.64	10.00
100	16QAM	1	1	8.80	8.93	8.74	10.00
100	64QAM	1	1	8.82	9.07	8.80	10.00
100	256QAM	1	1	8.86	9.03	8.61	10.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	8.90	8.99	8.68	10.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	8.87	8.91	8.76	10.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	8.91	8.91	8.72	10.00
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	8.94	8.89	8.64	10.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	8.93	9.01	8.75	10.00

【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		9.01		10.00
100	PI/2 BPSK	1	137		8.89		10.00
100	PI/2 BPSK	1	271		8.96		10.00
100	PI/2 BPSK	135	0		8.99		10.00
100	PI/2 BPSK	135	69		9.00		10.00
100	PI/2 BPSK	135	138		8.90		10.00
100	PI/2 BPSK	270	0		8.97		10.00
100	QPSK	1	1		9.00		10.00
100	QPSK	1	137		8.95		10.00
100	QPSK	1	271		9.09		10.00
100	QPSK	135	0		8.91		10.00
100	QPSK	135	69		9.00		10.00
100	QPSK	135	138		8.90		10.00
100	QPSK	270	0		8.91		10.00
100	16QAM	1	1		8.99		10.00
100	64QAM	1	1		9.02		10.00
100	256QAM	1	1		8.95		10.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	8.81	8.93	8.90	10.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	8.78	8.79	8.78	10.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	8.77	8.83	8.77	10.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	8.78	8.83	8.84	10.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	8.74	8.87	8.89	10.00

【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	8.95	9.03	8.78	10.00
100	PI/2 BPSK	1	137	8.92	8.98	8.73	10.00
100	PI/2 BPSK	1	271	8.98	8.97	8.64	10.00
100	PI/2 BPSK	135	0	8.80	9.00	8.62	10.00
100	PI/2 BPSK	135	69	8.78	9.01	8.78	10.00
100	PI/2 BPSK	135	138	8.78	8.95	8.65	10.00
100	PI/2 BPSK	270	0	8.99	8.99	8.69	10.00
100	QPSK	1	1	8.89	9.08	8.69	10.00
100	QPSK	1	137	8.80	8.90	8.73	10.00
100	QPSK	1	271	8.83	8.89	8.64	10.00
100	QPSK	135	0	8.93	8.93	8.59	10.00
100	QPSK	135	69	8.85	9.04	8.59	10.00
100	QPSK	135	138	8.91	9.03	8.78	10.00
100	QPSK	270	0	8.89	8.93	8.64	10.00
100	16QAM	1	1	8.80	8.93	8.74	10.00
100	64QAM	1	1	8.82	9.07	8.80	10.00
100	256QAM	1	1	8.86	9.03	8.61	10.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	8.90	8.99	8.68	10.00
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	8.87	8.91	8.76	10.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	8.91	8.91	8.72	10.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	8.94	8.89	8.64	10.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	8.93	9.01	8.75	10.00

【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		18.46		19.50
100	PI/2 BPSK	1	137		18.36		19.50
100	PI/2 BPSK	1	271		18.45		19.50
100	PI/2 BPSK	135	0		18.34		19.50
100	PI/2 BPSK	135	69		18.42		19.50
100	PI/2 BPSK	135	138		18.30		19.50
100	PI/2 BPSK	270	0		18.34		19.50
100	QPSK	1	1		18.48		19.50
100	QPSK	1	137		18.40		19.50
100	QPSK	1	271		18.49		19.50
100	QPSK	135	0		18.44		19.50
100	QPSK	135	69		18.34		19.50
100	QPSK	135	138		18.29		19.50
100	QPSK	270	0		18.34		19.50
100	16QAM	1	1		18.57		19.50
100	64QAM	1	1		18.44		19.50
100	256QAM	1	1		17.91		18.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	18.31	18.41	18.33	19.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	18.19	18.40	18.30	19.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	18.27	18.39	18.28	19.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	18.29	18.35	18.19	19.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	18.17	18.38	18.20	19.50

【FR1 n77 (27O)_FCC_Part 27O (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	19.10	19.09	18.80	19.50
100	PI/2 BPSK	1	137	18.93	19.06	18.64	19.50
100	PI/2 BPSK	1	271	18.79	18.81	18.48	19.50
100	PI/2 BPSK	135	0	18.91	18.98	18.58	19.50
100	PI/2 BPSK	135	69	18.95	18.99	18.64	19.50
100	PI/2 BPSK	135	138	18.90	18.92	18.55	19.50
100	PI/2 BPSK	270	0	18.93	18.99	18.61	19.50
100	QPSK	1	1	19.07	19.10	18.74	19.50
100	QPSK	1	137	19.10	19.15	18.80	19.50
100	QPSK	1	271	18.78	18.88	18.57	19.50
100	QPSK	135	0	18.95	19.02	18.65	19.50
100	QPSK	135	69	18.88	19.01	18.68	19.50
100	QPSK	135	138	18.82	18.90	18.58	19.50
100	QPSK	270	0	18.89	18.97	18.66	19.50



100	16QAM	1	1	19.09	19.21	18.80	19.50
100	64QAM	1	1	19.09	19.27	18.80	19.50
100	256QAM	1	1	18.31	18.38	17.98	18.50
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	18.97	19.07	18.67	19.50
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	18.97	19.01	18.78	19.50
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	18.99	19.05	18.68	19.50
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	18.96	19.01	18.74	19.50
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	18.98	19.05	18.77	19.50

【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		21.58		22.50
100	PI/2 BPSK	1	137		21.41		22.50
100	PI/2 BPSK	1	271		21.55		22.50
100	PI/2 BPSK	135	0		21.44		22.50
100	PI/2 BPSK	135	69		21.51		22.50
100	PI/2 BPSK	135	138		21.32		22.50
100	PI/2 BPSK	270	0		21.43		22.50
100	QPSK	1	1		21.58		22.50
100	QPSK	1	137		21.52		22.50
100	QPSK	1	271		21.64		22.50
100	QPSK	135	0		21.52		22.50
100	QPSK	135	69		21.40		22.50
100	QPSK	135	138		21.35		22.50
100	QPSK	270	0		21.47		22.50
100	16QAM	1	1		21.41		22.50
100	64QAM	1	1		20.35		21.00
100	256QAM	1	1		17.92		19.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	21.47	21.51	21.40	22.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	21.32	21.40	21.28	22.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	21.32	21.45	21.38	22.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	21.35	21.37	21.32	22.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	21.40	21.40	21.28	22.50

【FR1 n77 (27O)_FCC_Part 27O (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	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	22.10	22.13	21.83	22.50
100	PI/2 BPSK	1	137	21.98	22.11	21.78	22.50
100	PI/2 BPSK	1	271	21.67	21.82	21.51	22.50
100	PI/2 BPSK	135	0	21.90	22.08	21.74	22.50
100	PI/2 BPSK	135	69	21.97	22.09	21.65	22.50
100	PI/2 BPSK	135	138	21.85	21.93	21.54	22.50
100	PI/2 BPSK	270	0	21.85	22.01	21.61	22.50



100	QPSK	1	1	21.90	22.00	21.68	22.50
100	QPSK	1	137	22.00	22.17	21.73	22.50
100	QPSK	1	271	21.73	21.91	21.49	22.50
100	QPSK	135	0	21.32	21.37	21.00	22.50
100	QPSK	135	69	21.96	22.04	21.61	22.50
100	QPSK	135	138	21.48	21.64	21.29	22.50
100	QPSK	270	0	21.33	21.49	21.08	22.50
100	16QAM	1	1	21.14	21.29	20.87	22.50
100	64QAM	1	1	19.99	20.15	19.79	21.00
100	256QAM	1	1	18.41	18.57	18.19	19.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	22.00	21.99	21.71	22.50
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	21.95	22.03	21.74	22.50
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	21.99	21.99	21.69	22.50
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	22.01	21.98	21.71	22.50
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	21.99	21.98	21.78	22.50

【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		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		18.46		19.50
100	PI/2 BPSK	1	137		18.36		19.50
100	PI/2 BPSK	1	271		18.45		19.50
100	PI/2 BPSK	135	0		18.34		19.50
100	PI/2 BPSK	135	69		18.42		19.50
100	PI/2 BPSK	135	138		18.30		19.50
100	PI/2 BPSK	270	0		18.34		19.50
100	QPSK	1	1		18.48		19.50
100	QPSK	1	137		18.40		19.50
100	QPSK	1	271		18.49		19.50
100	QPSK	135	0		18.44		19.50
100	QPSK	135	69		18.34		19.50
100	QPSK	135	138		18.29		19.50
100	QPSK	270	0		18.34		19.50
100	16QAM	1	1		18.57		19.50
100	64QAM	1	1		18.44		19.50
100	256QAM	1	1		17.91		18.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	18.31	18.41	18.33	19.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	18.19	18.40	18.30	19.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	18.27	18.39	18.28	19.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	18.29	18.35	18.19	19.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	18.17	18.38	18.20	19.50

【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	19.10	19.09	18.80	19.50
100	PI/2 BPSK	1	137	18.93	19.06	18.64	19.50
100	PI/2 BPSK	1	271	18.79	18.81	18.48	19.50
100	PI/2 BPSK	135	0	18.91	18.98	18.58	19.50
100	PI/2 BPSK	135	69	18.95	18.99	18.64	19.50
100	PI/2 BPSK	135	138	18.90	18.92	18.55	19.50
100	PI/2 BPSK	270	0	18.93	18.99	18.61	19.50
100	QPSK	1	1	19.07	19.10	18.74	19.50
100	QPSK	1	137	19.10	19.15	18.80	19.50
100	QPSK	1	271	18.78	18.88	18.57	19.50
100	QPSK	135	0	18.95	19.02	18.65	19.50
100	QPSK	135	69	18.88	19.01	18.68	19.50
100	QPSK	135	138	18.82	18.90	18.58	19.50
100	QPSK	270	0	18.89	18.97	18.66	19.50
100	16QAM	1	1	19.09	19.21	18.80	19.50
100	64QAM	1	1	19.09	19.27	18.80	19.50
100	256QAM	1	1	18.31	18.38	17.98	18.50
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	18.97	19.07	18.67	19.50
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	18.97	19.01	18.78	19.50
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	18.99	19.05	18.68	19.50
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	18.96	19.01	18.74	19.50
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	18.98	19.05	18.77	19.50

【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		21.58		22.50
100	PI/2 BPSK	1	137		21.41		22.50
100	PI/2 BPSK	1	271		21.55		22.50
100	PI/2 BPSK	135	0		21.44		22.50
100	PI/2 BPSK	135	69		21.51		22.50
100	PI/2 BPSK	135	138		21.32		22.50
100	PI/2 BPSK	270	0		21.43		22.50
100	QPSK	1	1		21.58		22.50
100	QPSK	1	137		21.52		22.50
100	QPSK	1	271		21.64		22.50
100	QPSK	135	0		21.52		22.50
100	QPSK	135	69		21.40		22.50
100	QPSK	135	138		21.35		22.50
100	QPSK	270	0		21.47		22.50
100	16QAM	1	1		21.41		22.50
100	64QAM	1	1		20.35		21.00
100	256QAM	1	1		17.92		19.00
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	21.47	21.51	21.40	22.50
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	21.32	21.40	21.28	22.50
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	21.32	21.45	21.38	22.50
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	



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30	PI/2 BPSK	1	1	21.35	21.37	21.32	22.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	21.40	21.40	21.28	22.50

【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	Tune-up limit
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	22.10	22.13	21.83	22.50
100	PI/2 BPSK	1	137	21.98	22.11	21.78	22.50
100	PI/2 BPSK	1	271	21.67	21.82	21.51	22.50
100	PI/2 BPSK	135	0	21.90	22.08	21.74	22.50
100	PI/2 BPSK	135	69	21.97	22.09	21.65	22.50
100	PI/2 BPSK	135	138	21.85	21.93	21.54	22.50
100	PI/2 BPSK	270	0	21.85	22.01	21.61	22.50
100	QPSK	1	1	21.90	22.00	21.68	22.50
100	QPSK	1	137	22.00	22.17	21.73	22.50
100	QPSK	1	271	21.73	21.91	21.49	22.50
100	QPSK	135	0	21.32	21.37	21.00	22.50
100	QPSK	135	69	21.96	22.04	21.61	22.50
100	QPSK	135	138	21.48	21.64	21.29	22.50
100	QPSK	270	0	21.33	21.49	21.08	22.50
100	16QAM	1	1	21.14	21.29	20.87	22.50
100	64QAM	1	1	19.99	20.15	19.79	21.00
100	256QAM	1	1	18.41	18.57	18.19	19.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	22.00	21.99	21.71	22.50
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	21.95	22.03	21.74	22.50
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	21.99	21.99	21.69	22.50
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	22.01	21.98	21.71	22.50
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	21.99	21.98	21.78	22.50

【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		Tune-up limit
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		11.67		12.50
100	PI/2 BPSK	1	137		11.33		12.50
100	PI/2 BPSK	1	271		11.57		12.50
100	PI/2 BPSK	135	0		11.46		12.50
100	PI/2 BPSK	135	69		11.54		12.50
100	PI/2 BPSK	135	138		11.41		12.50
100	PI/2 BPSK	270	0		11.51		12.50
100	QPSK	1	1		11.40		12.50
100	QPSK	1	137		11.52		12.50
100	QPSK	1	271		11.64		12.50
100	QPSK	135	0		11.40		12.50
100	QPSK	135	69		11.48		12.50
100	QPSK	135	138		11.38		12.50
100	QPSK	270	0		11.56		12.50
100	16QAM	1	1		11.53		12.50
100	64QAM	1	1		11.60		12.50
100	256QAM	1	1		11.49		12.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	11.59	11.63	11.60	12.50
Channel				632000	633332	634666	Tune-up limit



Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	11.49	11.49	11.50	12.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	11.46	11.54	11.53	12.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	11.53	11.57	11.52	12.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	11.48	11.54	11.47	12.50

【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	12.02	12.09	11.95	12.50
100	PI/2 BPSK	1	137	11.99	12.07	11.93	12.50
100	PI/2 BPSK	1	271	12.15	12.04	11.91	12.50
100	PI/2 BPSK	135	0	12.05	12.03	11.81	12.50
100	PI/2 BPSK	135	69	12.03	12.06	11.85	12.50
100	PI/2 BPSK	135	138	12.02	12.02	11.75	12.50
100	PI/2 BPSK	270	0	12.21	12.19	11.72	12.50
100	QPSK	1	1	12.04	12.17	11.85	12.50
100	QPSK	1	137	12.10	12.08	11.77	12.50
100	QPSK	1	271	12.20	12.02	11.88	12.50
100	QPSK	135	0	11.99	12.09	11.72	12.50
100	QPSK	135	69	12.22	12.17	11.84	12.50
100	QPSK	135	138	12.08	12.19	11.89	12.50
100	QPSK	270	0	11.99	12.23	11.74	12.50
100	16QAM	1	1	12.18	12.16	11.73	12.50
100	64QAM	1	1	12.00	12.20	11.81	12.50
100	256QAM	1	1	12.04	12.04	11.77	12.50
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	11.98	11.96	11.83	12.50
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	11.95	11.98	11.93	12.50
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	11.98	11.96	11.92	12.50
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	12.00	12.00	11.87	12.50
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	11.88	12.01	11.83	12.50

【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		11.67		12.50
100	PI/2 BPSK	1	137		11.33		12.50
100	PI/2 BPSK	1	271		11.57		12.50
100	PI/2 BPSK	135	0		11.46		12.50
100	PI/2 BPSK	135	69		11.54		12.50
100	PI/2 BPSK	135	138		11.41		12.50
100	PI/2 BPSK	270	0		11.51		12.50
100	QPSK	1	1		11.40		12.50
100	QPSK	1	137		11.52		12.50
100	QPSK	1	271		11.64		12.50
100	QPSK	135	0		11.40		12.50
100	QPSK	135	69		11.48		12.50
100	QPSK	135	138		11.38		12.50
100	QPSK	270	0		11.56		12.50



100	16QAM	1	1		11.53		12.50
100	64QAM	1	1		11.60		12.50
100	256QAM	1	1		11.49		12.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	11.59	11.63	11.60	12.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	11.49	11.49	11.50	12.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	11.46	11.54	11.53	12.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	11.53	11.57	11.52	12.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	11.48	11.54	11.47	12.50

【FR1 n77 (270)_FCC_Part 270 (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	12.02	12.09	11.95	12.50
100	PI/2 BPSK	1	137	11.99	12.07	11.93	12.50
100	PI/2 BPSK	1	271	12.15	12.04	11.91	12.50
100	PI/2 BPSK	135	0	12.05	12.03	11.81	12.50
100	PI/2 BPSK	135	69	12.03	12.06	11.85	12.50
100	PI/2 BPSK	135	138	12.02	12.02	11.75	12.50
100	PI/2 BPSK	270	0	12.21	12.19	11.72	12.50
100	QPSK	1	1	12.04	12.17	11.85	12.50
100	QPSK	1	137	12.10	12.08	11.77	12.50
100	QPSK	1	271	12.20	12.02	11.88	12.50
100	QPSK	135	0	11.99	12.09	11.72	12.50
100	QPSK	135	69	12.22	12.17	11.84	12.50
100	QPSK	135	138	12.08	12.19	11.89	12.50
100	QPSK	270	0	11.99	12.23	11.74	12.50
100	16QAM	1	1	12.18	12.16	11.73	12.50
100	64QAM	1	1	12.00	12.20	11.81	12.50
100	256QAM	1	1	12.04	12.04	11.77	12.50
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	11.98	11.96	11.83	12.50
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	11.95	11.98	11.93	12.50
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	11.98	11.96	11.92	12.50
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	12.00	12.00	11.87	12.50
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	11.88	12.01	11.83	12.50

【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		11.67		12.50
100	PI/2 BPSK	1	137		11.33		12.50
100	PI/2 BPSK	1	271		11.57		12.50
100	PI/2 BPSK	135	0		11.46		12.50
100	PI/2 BPSK	135	69		11.54		12.50
100	PI/2 BPSK	135	138		11.41		12.50
100	PI/2 BPSK	270	0		11.51		12.50



100	QPSK	1	1		11.40		12.50
100	QPSK	1	137		11.52		12.50
100	QPSK	1	271		11.64		12.50
100	QPSK	135	0		11.40		12.50
100	QPSK	135	69		11.48		12.50
100	QPSK	135	138		11.38		12.50
100	QPSK	270	0		11.56		12.50
100	16QAM	1	1		11.53		12.50
100	64QAM	1	1		11.60		12.50
100	256QAM	1	1		11.49		12.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	11.59	11.63	11.60	12.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	11.49	11.49	11.50	12.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	11.46	11.54	11.53	12.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	11.53	11.57	11.52	12.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	11.48	11.54	11.47	12.50

【FR1 n77 (270)_FCC_Part 270 (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	12.02	12.09	11.95	12.50
100	PI/2 BPSK	1	137	11.99	12.07	11.93	12.50
100	PI/2 BPSK	1	271	12.15	12.04	11.91	12.50
100	PI/2 BPSK	135	0	12.05	12.03	11.81	12.50
100	PI/2 BPSK	135	69	12.03	12.06	11.85	12.50
100	PI/2 BPSK	135	138	12.02	12.02	11.75	12.50
100	PI/2 BPSK	270	0	12.21	12.19	11.72	12.50
100	QPSK	1	1	12.04	12.17	11.85	12.50
100	QPSK	1	137	12.10	12.08	11.77	12.50
100	QPSK	1	271	12.20	12.02	11.88	12.50
100	QPSK	135	0	11.99	12.09	11.72	12.50
100	QPSK	135	69	12.22	12.17	11.84	12.50
100	QPSK	135	138	12.08	12.19	11.89	12.50
100	QPSK	270	0	11.99	12.23	11.74	12.50
100	16QAM	1	1	12.18	12.16	11.73	12.50
100	64QAM	1	1	12.00	12.20	11.81	12.50
100	256QAM	1	1	12.04	12.04	11.77	12.50
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	11.98	11.96	11.83	12.50
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	11.95	11.98	11.93	12.50
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	11.98	11.96	11.92	12.50
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	12.00	12.00	11.87	12.50
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	11.88	12.01	11.83	12.50

【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		11.67		12.50
100	PI/2 BPSK	1	137		11.33		12.50
100	PI/2 BPSK	1	271		11.57		12.50
100	PI/2 BPSK	135	0		11.46		12.50
100	PI/2 BPSK	135	69		11.54		12.50
100	PI/2 BPSK	135	138		11.41		12.50
100	PI/2 BPSK	270	0		11.51		12.50
100	QPSK	1	1		11.40		12.50
100	QPSK	1	137		11.52		12.50
100	QPSK	1	271		11.64		12.50
100	QPSK	135	0		11.40		12.50
100	QPSK	135	69		11.48		12.50
100	QPSK	135	138		11.38		12.50
100	QPSK	270	0		11.56		12.50
100	16QAM	1	1		11.53		12.50
100	64QAM	1	1		11.60		12.50
100	256QAM	1	1		11.49		12.50
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	11.59	11.63	11.60	12.50
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	11.49	11.49	11.50	12.50
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	11.46	11.54	11.53	12.50
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	11.53	11.57	11.52	12.50
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	11.48	11.54	11.47	12.50

【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	12.02	12.09	11.95	12.50
100	PI/2 BPSK	1	137	11.99	12.07	11.93	12.50
100	PI/2 BPSK	1	271	12.15	12.04	11.91	12.50
100	PI/2 BPSK	135	0	12.05	12.03	11.81	12.50
100	PI/2 BPSK	135	69	12.03	12.06	11.85	12.50
100	PI/2 BPSK	135	138	12.02	12.02	11.75	12.50
100	PI/2 BPSK	270	0	12.21	12.19	11.72	12.50
100	QPSK	1	1	12.04	12.17	11.85	12.50
100	QPSK	1	137	12.10	12.08	11.77	12.50
100	QPSK	1	271	12.20	12.02	11.88	12.50
100	QPSK	135	0	11.99	12.09	11.72	12.50
100	QPSK	135	69	12.22	12.17	11.84	12.50
100	QPSK	135	138	12.08	12.19	11.89	12.50
100	QPSK	270	0	11.99	12.23	11.74	12.50
100	16QAM	1	1	12.18	12.16	11.73	12.50
100	64QAM	1	1	12.00	12.20	11.81	12.50
100	256QAM	1	1	12.04	12.04	11.77	12.50
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	11.98	11.96	11.83	12.50
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	11.95	11.98	11.93	12.50
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	11.98	11.96	11.92	12.50
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	12.00	12.00	11.87	12.50
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	11.88	12.01	11.83	12.50

【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		13.16		14.00
100	PI/2 BPSK	1	137		13.10		14.00
100	PI/2 BPSK	1	271		13.07		14.00
100	PI/2 BPSK	135	0		13.07		14.00
100	PI/2 BPSK	135	69		13.15		14.00
100	PI/2 BPSK	135	138		13.09		14.00
100	PI/2 BPSK	270	0		13.08		14.00
100	QPSK	1	1		13.14		14.00
100	QPSK	1	137		13.10		14.00
100	QPSK	1	271		13.12		14.00
100	QPSK	135	0		13.10		14.00
100	QPSK	135	69		13.05		14.00
100	QPSK	135	138		13.10		14.00
100	QPSK	270	0		12.99		14.00
100	16QAM	1	1		13.08		14.00
100	64QAM	1	1		13.12		14.00
100	256QAM	1	1		13.09		14.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	13.08	13.12	13.07	14.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	12.94	13.06	13.01	14.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	13.07	13.10	12.95	14.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	12.95	13.03	12.93	14.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	12.97	13.05	13.04	14.00

【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	12.80	12.95	12.66	14.00
100	PI/2 BPSK	1	137	12.79	12.81	12.69	14.00
100	PI/2 BPSK	1	271	12.78	12.85	12.62	14.00
100	PI/2 BPSK	135	0	12.70	12.88	12.74	14.00
100	PI/2 BPSK	135	69	12.70	12.92	12.75	14.00
100	PI/2 BPSK	135	138	12.73	12.88	12.59	14.00
100	PI/2 BPSK	270	0	12.81	12.88	12.73	14.00
100	QPSK	1	1	12.78	12.96	12.73	14.00
100	QPSK	1	137	12.73	12.89	12.58	14.00
100	QPSK	1	271	12.81	12.82	12.60	14.00
100	QPSK	135	0	12.70	12.81	12.62	14.00
100	QPSK	135	69	12.70	12.81	12.56	14.00
100	QPSK	135	138	12.83	12.81	12.71	14.00
100	QPSK	270	0	12.77	12.93	12.70	14.00
100	16QAM	1	1	12.68	12.78	12.68	14.00
100	64QAM	1	1	12.69	12.85	12.59	14.00
100	256QAM	1	1	12.76	12.85	12.70	13.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	12.73	12.93	12.60	14.00
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	12.76	12.94	12.61	14.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	12.72	12.89	12.55	14.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	12.75	12.89	12.51	14.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	12.66	12.81	12.58	14.00

【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		13.16		14.00
100	PI/2 BPSK	1	137		13.10		14.00
100	PI/2 BPSK	1	271		13.07		14.00
100	PI/2 BPSK	135	0		13.07		14.00
100	PI/2 BPSK	135	69		13.15		14.00
100	PI/2 BPSK	135	138		13.09		14.00
100	PI/2 BPSK	270	0		13.08		14.00
100	QPSK	1	1		13.14		14.00
100	QPSK	1	137		13.10		14.00
100	QPSK	1	271		13.12		14.00
100	QPSK	135	0		13.10		14.00
100	QPSK	135	69		13.05		14.00
100	QPSK	135	138		13.10		14.00
100	QPSK	270	0		12.99		14.00
100	16QAM	1	1		13.08		14.00
100	64QAM	1	1		13.12		14.00
100	256QAM	1	1		13.09		14.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	13.08	13.12	13.07	14.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	12.94	13.06	13.01	14.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	13.07	13.10	12.95	14.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	12.95	13.03	12.93	14.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	12.97	13.05	13.04	14.00

【FR1 n77 (27O)_FCC_Part 27O (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	12.80	12.95	12.66	14.00
100	PI/2 BPSK	1	137	12.79	12.81	12.69	14.00
100	PI/2 BPSK	1	271	12.78	12.85	12.62	14.00
100	PI/2 BPSK	135	0	12.70	12.88	12.74	14.00
100	PI/2 BPSK	135	69	12.70	12.92	12.75	14.00
100	PI/2 BPSK	135	138	12.73	12.88	12.59	14.00
100	PI/2 BPSK	270	0	12.81	12.88	12.73	14.00
100	QPSK	1	1	12.78	12.96	12.73	14.00
100	QPSK	1	137	12.73	12.89	12.58	14.00
100	QPSK	1	271	12.81	12.82	12.60	14.00
100	QPSK	135	0	12.70	12.81	12.62	14.00
100	QPSK	135	69	12.70	12.81	12.56	14.00
100	QPSK	135	138	12.83	12.81	12.71	14.00
100	QPSK	270	0	12.77	12.93	12.70	14.00

100	16QAM	1	1	12.68	12.78	12.68	14.00
100	64QAM	1	1	12.69	12.85	12.59	14.00
100	256QAM	1	1	12.76	12.85	12.70	14.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	12.73	12.93	12.60	14.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	12.76	12.94	12.61	14.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	12.72	12.89	12.55	14.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	12.75	12.89	12.51	14.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	12.66	12.81	12.58	14.00

【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		13.16		14.00
100	PI/2 BPSK	1	137		13.10		14.00
100	PI/2 BPSK	1	271		13.07		14.00
100	PI/2 BPSK	135	0		13.07		14.00
100	PI/2 BPSK	135	69		13.15		14.00
100	PI/2 BPSK	135	138		13.09		14.00
100	PI/2 BPSK	270	0		13.08		14.00
100	QPSK	1	1		13.14		14.00
100	QPSK	1	137		13.10		14.00
100	QPSK	1	271		13.12		14.00
100	QPSK	135	0		13.10		14.00
100	QPSK	135	69		13.05		14.00
100	QPSK	135	138		13.10		14.00
100	QPSK	270	0		12.99		14.00
100	16QAM	1	1		13.08		14.00
100	64QAM	1	1		13.12		14.00
100	256QAM	1	1		13.09		14.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	13.08	13.12	13.07	14.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	12.94	13.06	13.01	14.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	13.07	13.10	12.95	14.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	12.95	13.03	12.93	14.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	12.97	13.05	13.04	14.00

【FR1 n77 (27O)_FCC_Part 27O (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	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	12.80	12.95	12.66	14.00
100	PI/2 BPSK	1	137	12.79	12.81	12.69	14.00
100	PI/2 BPSK	1	271	12.78	12.85	12.62	14.00
100	PI/2 BPSK	135	0	12.70	12.88	12.74	14.00
100	PI/2 BPSK	135	69	12.70	12.92	12.75	14.00
100	PI/2 BPSK	135	138	12.73	12.88	12.59	14.00
100	PI/2 BPSK	270	0	12.81	12.88	12.73	14.00



100	QPSK	1	1	12.78	12.96	12.73	14.00
100	QPSK	1	137	12.73	12.89	12.58	14.00
100	QPSK	1	271	12.81	12.82	12.60	14.00
100	QPSK	135	0	12.70	12.81	12.62	14.00
100	QPSK	135	69	12.70	12.81	12.56	14.00
100	QPSK	135	138	12.83	12.81	12.71	14.00
100	QPSK	270	0	12.77	12.93	12.70	14.00
100	16QAM	1	1	12.68	12.78	12.68	14.00
100	64QAM	1	1	12.69	12.85	12.59	14.00
100	256QAM	1	1	12.76	12.85	12.70	13.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	12.73	12.93	12.60	14.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	12.76	12.94	12.61	14.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	12.72	12.89	12.55	14.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	12.75	12.89	12.51	14.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	12.66	12.81	12.58	14.00

【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		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		13.16		14.00
100	PI/2 BPSK	1	137		13.10		14.00
100	PI/2 BPSK	1	271		13.07		14.00
100	PI/2 BPSK	135	0		13.07		14.00
100	PI/2 BPSK	135	69		13.15		14.00
100	PI/2 BPSK	135	138		13.09		14.00
100	PI/2 BPSK	270	0		13.08		14.00
100	QPSK	1	1		13.14		14.00
100	QPSK	1	137		13.10		14.00
100	QPSK	1	271		13.12		14.00
100	QPSK	135	0		13.10		14.00
100	QPSK	135	69		13.05		14.00
100	QPSK	135	138		13.10		14.00
100	QPSK	270	0		12.99		14.00
100	16QAM	1	1		13.08		14.00
100	64QAM	1	1		13.12		14.00
100	256QAM	1	1		13.09		14.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	13.08	13.12	13.07	14.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	12.94	13.06	13.01	14.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	13.07	13.10	12.95	14.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	12.95	13.03	12.93	14.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	12.97	13.05	13.04	14.00

【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	14.00
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	12.80	12.95	12.66	14.00
100	PI/2 BPSK	1	137	12.79	12.81	12.69	14.00
100	PI/2 BPSK	1	271	12.78	12.85	12.62	14.00
100	PI/2 BPSK	135	0	12.70	12.88	12.74	14.00
100	PI/2 BPSK	135	69	12.70	12.92	12.75	14.00
100	PI/2 BPSK	135	138	12.73	12.88	12.59	14.00
100	PI/2 BPSK	270	0	12.81	12.88	12.73	14.00
100	QPSK	1	1	12.78	12.96	12.73	14.00
100	QPSK	1	137	12.73	12.89	12.58	14.00
100	QPSK	1	271	12.81	12.82	12.60	14.00
100	QPSK	135	0	12.70	12.81	12.62	14.00
100	QPSK	135	69	12.70	12.81	12.56	14.00
100	QPSK	135	138	12.83	12.81	12.71	14.00
100	QPSK	270	0	12.77	12.93	12.70	14.00
100	16QAM	1	1	12.68	12.78	12.68	14.00
100	64QAM	1	1	12.69	12.85	12.59	14.00
100	256QAM	1	1	12.76	12.85	12.70	14.00
Channel				649334	656000	662666	14.00
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	12.73	12.93	12.60	14.00
Channel				648668	656000	663332	14.00
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	12.76	12.94	12.61	14.00
Channel				648000	656000	664000	14.00
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	12.72	12.89	12.55	14.00
Channel				647668	656000	664332	14.00
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	12.75	12.89	12.51	14.00
Channel				647334	656000	664666	14.00
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	12.66	12.81	12.58	14.00

【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		14.00
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		13.16		14.00
100	PI/2 BPSK	1	137		13.10		14.00
100	PI/2 BPSK	1	271		13.07		14.00
100	PI/2 BPSK	135	0		13.07		14.00
100	PI/2 BPSK	135	69		13.15		14.00
100	PI/2 BPSK	135	138		13.09		14.00
100	PI/2 BPSK	270	0		13.08		14.00
100	QPSK	1	1		13.14		14.00
100	QPSK	1	137		13.10		14.00
100	QPSK	1	271		13.12		14.00
100	QPSK	135	0		13.10		14.00
100	QPSK	135	69		13.05		14.00
100	QPSK	135	138		13.10		14.00
100	QPSK	270	0		12.99		14.00
100	16QAM	1	1		13.08		14.00
100	64QAM	1	1		13.12		14.00
100	256QAM	1	1		13.09		14.00
Channel				632668	633332	634000	14.00
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	13.08	13.12	13.07	14.00
Channel				632000	633332	634666	14.00
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	12.94	13.06	13.01	14.00
Channel				631334	633332	635332	14.00
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	13.07	13.10	12.95	14.00
Channel				631000	633332	635666	14.00
Frequency (MHz)				3465	3499.98	3534.99	



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30	PI/2 BPSK	1	1	12.95	13.03	12.93	14.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	12.97	13.05	13.04	14.00

【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	Tune-up limit
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	12.80	12.95	12.66	14.00
100	PI/2 BPSK	1	137	12.79	12.81	12.69	14.00
100	PI/2 BPSK	1	271	12.78	12.85	12.62	14.00
100	PI/2 BPSK	135	0	12.70	12.88	12.74	14.00
100	PI/2 BPSK	135	69	12.70	12.92	12.75	14.00
100	PI/2 BPSK	135	138	12.73	12.88	12.59	14.00
100	PI/2 BPSK	270	0	12.81	12.88	12.73	14.00
100	QPSK	1	1	12.78	12.96	12.73	14.00
100	QPSK	1	137	12.73	12.89	12.58	14.00
100	QPSK	1	271	12.81	12.82	12.60	14.00
100	QPSK	135	0	12.70	12.81	12.62	14.00
100	QPSK	135	69	12.70	12.81	12.56	14.00
100	QPSK	135	138	12.83	12.81	12.71	14.00
100	QPSK	270	0	12.77	12.93	12.70	14.00
100	16QAM	1	1	12.68	12.78	12.68	14.00
100	64QAM	1	1	12.69	12.85	12.59	14.00
100	256QAM	1	1	12.76	12.85	12.70	13.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	12.73	12.93	12.60	14.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	12.76	12.94	12.61	14.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	12.72	12.89	12.55	14.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	12.75	12.89	12.51	14.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	12.66	12.81	12.58	14.00

【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		Tune-up limit
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		13.16		14.00
100	PI/2 BPSK	1	137		13.10		14.00
100	PI/2 BPSK	1	271		13.07		14.00
100	PI/2 BPSK	135	0		13.07		14.00
100	PI/2 BPSK	135	69		13.15		14.00
100	PI/2 BPSK	135	138		13.09		14.00
100	PI/2 BPSK	270	0		13.08		14.00
100	QPSK	1	1		13.14		14.00
100	QPSK	1	137		13.10		14.00
100	QPSK	1	271		13.12		14.00
100	QPSK	135	0		13.10		14.00
100	QPSK	135	69		13.05		14.00
100	QPSK	135	138		13.10		14.00
100	QPSK	270	0		12.99		14.00
100	16QAM	1	1		13.08		14.00
100	64QAM	1	1		13.12		14.00
100	256QAM	1	1		13.09		14.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	13.08	13.12	13.07	14.00
Channel				632000	633332	634666	Tune-up limit



Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	12.94	13.06	13.01	14.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	13.07	13.10	12.95	14.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	12.95	13.03	12.93	14.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	12.97	13.05	13.04	14.00

【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	Tune-up limit (dBm)
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	12.80	12.95	12.66	14.00
100	PI/2 BPSK	1	137	12.79	12.81	12.69	14.00
100	PI/2 BPSK	1	271	12.78	12.85	12.62	14.00
100	PI/2 BPSK	135	0	12.70	12.88	12.74	14.00
100	PI/2 BPSK	135	69	12.70	12.92	12.75	14.00
100	PI/2 BPSK	135	138	12.73	12.88	12.59	14.00
100	PI/2 BPSK	270	0	12.81	12.88	12.73	14.00
100	QPSK	1	1	12.78	12.96	12.73	14.00
100	QPSK	1	137	12.73	12.89	12.58	14.00
100	QPSK	1	271	12.81	12.82	12.60	14.00
100	QPSK	135	0	12.70	12.81	12.62	14.00
100	QPSK	135	69	12.70	12.81	12.56	14.00
100	QPSK	135	138	12.83	12.81	12.71	14.00
100	QPSK	270	0	12.77	12.93	12.70	14.00
100	16QAM	1	1	12.68	12.78	12.68	14.00
100	64QAM	1	1	12.69	12.85	12.59	14.00
100	256QAM	1	1	12.76	12.85	12.70	13.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	12.73	12.93	12.60	14.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	12.76	12.94	12.61	14.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	12.72	12.89	12.55	14.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	12.75	12.89	12.51	14.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	12.66	12.81	12.58	14.00

【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		Tune-up limit (dBm)
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		13.16		14.00
100	PI/2 BPSK	1	137		13.10		14.00
100	PI/2 BPSK	1	271		13.07		14.00
100	PI/2 BPSK	135	0		13.07		14.00
100	PI/2 BPSK	135	69		13.15		14.00
100	PI/2 BPSK	135	138		13.09		14.00
100	PI/2 BPSK	270	0		13.08		14.00
100	QPSK	1	1		13.14		14.00
100	QPSK	1	137		13.10		14.00
100	QPSK	1	271		13.12		14.00
100	QPSK	135	0		13.10		14.00
100	QPSK	135	69		13.05		14.00
100	QPSK	135	138		13.10		14.00
100	QPSK	270	0		12.99		14.00



100	16QAM	1	1		13.08		14.00
100	64QAM	1	1		13.12		14.00
100	256QAM	1	1		13.09		14.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	13.08	13.12	13.07	14.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	12.94	13.06	13.01	14.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	13.07	13.10	12.95	14.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	12.95	13.03	12.93	14.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	12.97	13.05	13.04	14.00

【FR1 n77 (270)_FCC_Part 270 (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	12.80	12.95	12.66	14.00
100	PI/2 BPSK	1	137	12.79	12.81	12.69	14.00
100	PI/2 BPSK	1	271	12.78	12.85	12.62	14.00
100	PI/2 BPSK	135	0	12.70	12.88	12.74	14.00
100	PI/2 BPSK	135	69	12.70	12.92	12.75	14.00
100	PI/2 BPSK	135	138	12.73	12.88	12.59	14.00
100	PI/2 BPSK	270	0	12.81	12.88	12.73	14.00
100	QPSK	1	1	12.78	12.96	12.73	14.00
100	QPSK	1	137	12.73	12.89	12.58	14.00
100	QPSK	1	271	12.81	12.82	12.60	14.00
100	QPSK	135	0	12.70	12.81	12.62	14.00
100	QPSK	135	69	12.70	12.81	12.56	14.00
100	QPSK	135	138	12.83	12.81	12.71	14.00
100	QPSK	270	0	12.77	12.93	12.70	14.00
100	16QAM	1	1	12.68	12.78	12.68	14.00
100	64QAM	1	1	12.69	12.85	12.59	14.00
100	256QAM	1	1	12.76	12.85	12.70	14.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	12.73	12.93	12.60	14.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	12.76	12.94	12.61	14.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	12.72	12.89	12.55	14.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	12.75	12.89	12.51	14.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	12.66	12.81	12.58	14.00

【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		13.16		14.00
100	PI/2 BPSK	1	137		13.10		14.00
100	PI/2 BPSK	1	271		13.07		14.00
100	PI/2 BPSK	135	0		13.07		14.00
100	PI/2 BPSK	135	69		13.15		14.00
100	PI/2 BPSK	135	138		13.09		14.00
100	PI/2 BPSK	270	0		13.08		14.00



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100	QPSK	1	1		13.14		14.00
100	QPSK	1	137		13.10		14.00
100	QPSK	1	271		13.12		14.00
100	QPSK	135	0		13.10		14.00
100	QPSK	135	69		13.05		14.00
100	QPSK	135	138		13.10		14.00
100	QPSK	270	0		12.99		14.00
100	16QAM	1	1		13.08		14.00
100	64QAM	1	1		13.12		14.00
100	256QAM	1	1		13.09		14.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	13.08	13.12	13.07	14.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	12.94	13.06	13.01	14.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	13.07	13.10	12.95	14.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	12.95	13.03	12.93	14.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	12.97	13.05	13.04	14.00

【FR1 n77 (270)_FCC_Part 270 (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	12.80	12.95	12.66	14.00
100	PI/2 BPSK	1	137	12.79	12.81	12.69	14.00
100	PI/2 BPSK	1	271	12.78	12.85	12.62	14.00
100	PI/2 BPSK	135	0	12.70	12.88	12.74	14.00
100	PI/2 BPSK	135	69	12.70	12.92	12.75	14.00
100	PI/2 BPSK	135	138	12.73	12.88	12.59	14.00
100	PI/2 BPSK	270	0	12.81	12.88	12.73	14.00
100	QPSK	1	1	12.78	12.96	12.73	14.00
100	QPSK	1	137	12.73	12.89	12.58	14.00
100	QPSK	1	271	12.81	12.82	12.60	14.00
100	QPSK	135	0	12.70	12.81	12.62	14.00
100	QPSK	135	69	12.70	12.81	12.56	14.00
100	QPSK	135	138	12.83	12.81	12.71	14.00
100	QPSK	270	0	12.77	12.93	12.70	14.00
100	16QAM	1	1	12.68	12.78	12.68	14.00
100	64QAM	1	1	12.69	12.85	12.59	14.00
100	256QAM	1	1	12.76	12.85	12.70	14.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	12.73	12.93	12.60	14.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	12.76	12.94	12.61	14.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	12.72	12.89	12.55	14.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	12.75	12.89	12.51	14.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	12.66	12.81	12.58	14.00

**【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		22.83		24.00
100	PI/2 BPSK	1	137		22.63		24.00
100	PI/2 BPSK	1	271		22.80		24.00
100	PI/2 BPSK	135	0		22.45		24.00
100	PI/2 BPSK	135	69		22.63		24.00
100	PI/2 BPSK	135	138		22.62		24.00
100	PI/2 BPSK	270	0		22.62		24.00
100	QPSK	1	1		22.45		24.00
100	QPSK	1	137		22.65		24.00
100	QPSK	1	271		22.82		24.00
100	QPSK	135	0		22.49		24.00
100	QPSK	135	69		22.61		24.00
100	QPSK	135	138		22.61		24.00
100	QPSK	270	0		22.63		24.00
100	16QAM	1	1		22.55		24.00
100	64QAM	1	1		22.67		24.00
100	256QAM	1	1		21.94		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	22.71	22.55	24.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	22.41	22.63	22.50	24.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	22.47	22.66	22.41	24.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	22.45	22.61	22.41	24.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	22.48	22.57	22.49	24.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	22.39	22.59	22.47	24.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	22.44	22.69	22.49	24.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	22.51	22.70	22.44	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		23.19		24.00
100	PI/2 BPSK	1	137		23.15		24.00
100	PI/2 BPSK	1	271		23.11		24.00
100	PI/2 BPSK	135	0		22.99		24.00
100	PI/2 BPSK	135	69		23.15		24.00
100	PI/2 BPSK	135	138		23.10		24.00
100	PI/2 BPSK	270	0		23.06		24.00
100	QPSK	1	1		22.92		24.00
100	QPSK	1	137		23.12		24.00
100	QPSK	1	271		23.04		24.00
100	QPSK	135	0		22.99		24.00
100	QPSK	135	69		23.10		24.00
100	QPSK	135	138		23.12		24.00
100	QPSK	270	0		23.05		24.00
100	16QAM	1	1		23.00		24.00
100	64QAM	1	1		23.12		24.00
100	256QAM	1	1		22.41		23.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)



90	PI/2 BPSK	1	1	22.94	23.03	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	22.88	22.97	22.84	24.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	22.88	22.90	22.86	24.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	22.90	22.88	22.83	24.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	22.85	22.92	22.86	24.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	22.85	22.89	22.82	24.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	22.93	22.96	22.77	24.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	22.92	22.98	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		25.95		27.00
100	PI/2 BPSK	1	137		25.65		27.00
100	PI/2 BPSK	1	271		25.85		27.00
100	PI/2 BPSK	135	0		25.44		27.00
100	PI/2 BPSK	135	69		25.68		27.00
100	PI/2 BPSK	135	138		25.67		27.00
100	PI/2 BPSK	270	0		25.65		27.00
100	QPSK	1	1		25.49		27.00
100	QPSK	1	137		25.76		27.00
100	QPSK	1	271		25.95		27.00
100	QPSK	135	0		25.53		27.00
100	QPSK	135	69		25.62		27.00
100	QPSK	135	138		25.66		27.00
100	QPSK	270	0		25.65		27.00
100	16QAM	1	1		25.63		27.00
100	64QAM	1	1		24.23		25.50
100	256QAM	1	1		21.92		23.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	25.71	25.88	25.70	27.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	25.64	25.73	25.60	27.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	25.69	25.75	25.60	27.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	25.68	25.81	25.63	27.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	25.69	25.78	25.66	27.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	25.60	25.83	25.64	27.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	25.59	25.73	25.58	27.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	25.60	25.76	25.62	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		26.25		27.00
100	PI/2 BPSK	1	137		26.22		27.00
100	PI/2 BPSK	1	271		26.23		27.00
100	PI/2 BPSK	135	0		26.04		27.00
100	PI/2 BPSK	135	69		26.15		27.00
100	PI/2 BPSK	135	138		26.13		27.00
100	PI/2 BPSK	270	0		26.12		27.00
100	QPSK	1	1		25.97		27.00
100	QPSK	1	137		26.13		27.00
100	QPSK	1	271		26.17		27.00
100	QPSK	135	0		26.07		27.00
100	QPSK	135	69		26.14		27.00
100	QPSK	135	138		26.28		27.00
100	QPSK	270	0		26.09		27.00
100	16QAM	1	1		25.12		27.00
100	64QAM	1	1		24.58		25.50
100	256QAM	1	1		22.61		23.50
Channel				649668	650000	650332	
Frequency (MHz)				3745.02	3750	3754.98	Tune-up limit (dBm)
90	PI/2 BPSK	1	1	25.96	26.11	26.05	27.00
Channel				649334	650000	650666	
Frequency (MHz)				3740.01	3750	3759.99	Tune-up limit (dBm)
80	PI/2 BPSK	1	1	25.90	25.96	25.91	27.00
Channel				649000	650000	651000	
Frequency (MHz)				3735	3750	3765	Tune-up limit (dBm)
70	PI/2 BPSK	1	1	25.88	26.03	25.96	27.00
Channel				648668	650000	651332	
Frequency (MHz)				3730.02	3750	3769.98	Tune-up limit (dBm)
60	PI/2 BPSK	1	1	25.81	26.05	25.95	27.00
Channel				648334	650000	651666	
Frequency (MHz)				3725.01	3750	3774.99	Tune-up limit (dBm)
50	PI/2 BPSK	1	1	25.91	26.00	25.97	27.00
Channel				648000	650000	652000	
Frequency (MHz)				3720	3750	3780	Tune-up limit (dBm)
40	PI/2 BPSK	1	1	25.92	25.98	26.02	27.00
Channel				647668	650000	652332	
Frequency (MHz)				3715.02	3750	3784.98	Tune-up limit (dBm)
30	PI/2 BPSK	1	1	25.83	25.99	25.98	27.00
Channel				647334	650000	652666	
Frequency (MHz)				3710.01	3750	3789.99	Tune-up limit (dBm)
20	PI/2 BPSK	1	1	25.81	26.08	25.94	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		22.83		24.00
100	PI/2 BPSK	1	137		22.63		24.00
100	PI/2 BPSK	1	271		22.80		24.00
100	PI/2 BPSK	135	0		22.45		24.00
100	PI/2 BPSK	135	69		22.63		24.00
100	PI/2 BPSK	135	138		22.62		24.00
100	PI/2 BPSK	270	0		22.62		24.00
100	QPSK	1	1		22.45		24.00
100	QPSK	1	137		22.65		24.00
100	QPSK	1	271		22.82		24.00
100	QPSK	135	0		22.49		24.00
100	QPSK	135	69		22.61		24.00
100	QPSK	135	138		22.61		24.00
100	QPSK	270	0		22.63		24.00
100	16QAM	1	1		22.55		24.00
100	64QAM	1	1		22.67		24.00
100	256QAM	1	1		21.94		23.00
Channel				633000	633332	633666	
Frequency (MHz)				3495	3499.98	3504.99	Tune-up limit (dBm)
90	PI/2 BPSK	1	1	22.53	22.71	22.55	24.00



Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	22.41	22.63	22.50	24.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	22.47	22.66	22.41	24.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	22.45	22.61	22.41	24.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	22.48	22.57	22.49	24.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	22.39	22.59	22.47	24.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	22.44	22.69	22.49	24.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	22.51	22.70	22.44	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		23.19		24.00
100	PI/2 BPSK	1	137		23.15		24.00
100	PI/2 BPSK	1	271		23.11		24.00
100	PI/2 BPSK	135	0		22.99		24.00
100	PI/2 BPSK	135	69		23.15		24.00
100	PI/2 BPSK	135	138		23.10		24.00
100	PI/2 BPSK	270	0		23.06		24.00
100	QPSK	1	1		22.92		24.00
100	QPSK	1	137		23.12		24.00
100	QPSK	1	271		23.04		24.00
100	QPSK	135	0		22.99		24.00
100	QPSK	135	69		23.10		24.00
100	QPSK	135	138		23.12		24.00
100	QPSK	270	0		23.05		24.00
100	16QAM	1	1		23.00		24.00
100	64QAM	1	1		23.12		24.00
100	256QAM	1	1		22.41		23.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	22.94	23.03	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	22.88	22.97	22.84	24.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	22.88	22.90	22.86	24.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	22.90	22.88	22.83	24.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	22.85	22.92	22.86	24.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	22.85	22.89	22.82	24.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	22.93	22.96	22.77	24.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	22.92	22.98	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		25.95		27.00
100	PI/2 BPSK	1	137		25.65		27.00
100	PI/2 BPSK	1	271		25.85		27.00
100	PI/2 BPSK	135	0		25.44		27.00
100	PI/2 BPSK	135	69		25.68		27.00
100	PI/2 BPSK	135	138		25.67		27.00
100	PI/2 BPSK	270	0		25.65		27.00
100	QPSK	1	1		25.49		27.00
100	QPSK	1	137		25.76		27.00
100	QPSK	1	271		25.95		27.00
100	QPSK	135	0		25.53		27.00
100	QPSK	135	69		25.62		27.00
100	QPSK	135	138		25.66		27.00
100	QPSK	270	0		25.65		27.00
100	16QAM	1	1		25.63		27.00
100	64QAM	1	1		24.23		25.50
100	256QAM	1	1		21.92		23.50
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	25.71	25.88	25.70	27.00
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	25.64	25.73	25.60	27.00
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	25.69	25.75	25.60	27.00
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	25.68	25.81	25.63	27.00
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	25.69	25.78	25.66	27.00
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	25.60	25.83	25.64	27.00
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	25.59	25.73	25.58	27.00
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	25.60	25.76	25.62	27.00

【FR1 n78 (27O)_FCC_Part 27O (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		26.25		27.00
100	PI/2 BPSK	1	137		26.22		27.00
100	PI/2 BPSK	1	271		26.23		27.00
100	PI/2 BPSK	135	0		26.04		27.00
100	PI/2 BPSK	135	69		26.15		27.00
100	PI/2 BPSK	135	138		26.13		27.00
100	PI/2 BPSK	270	0		26.12		27.00
100	QPSK	1	1		25.97		27.00
100	QPSK	1	137		26.13		27.00
100	QPSK	1	271		26.17		27.00
100	QPSK	135	0		26.07		27.00
100	QPSK	135	69		26.14		27.00
100	QPSK	135	138		26.28		27.00
100	QPSK	270	0		26.09		27.00
100	16QAM	1	1		25.12		27.00
100	64QAM	1	1		24.58		25.50
100	256QAM	1	1		22.61		23.50
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	



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90	PI/2 BPSK	1	1	25.96	26.11	26.05	27.00
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	25.90	25.96	25.91	27.00
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	25.88	26.03	25.96	27.00
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	25.81	26.05	25.95	27.00
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	25.91	26.00	25.97	27.00
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	25.92	25.98	26.02	27.00
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	25.83	25.99	25.98	27.00
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	25.81	26.08	25.94	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		15.02		16.00
100	PI/2 BPSK	1	137		15.00		16.00
100	PI/2 BPSK	1	271		14.97		16.00
100	PI/2 BPSK	135	0		14.88		16.00
100	PI/2 BPSK	135	69		14.92		16.00
100	PI/2 BPSK	135	138		14.86		16.00
100	PI/2 BPSK	270	0		15.02		16.00
100	QPSK	1	1		15.03		16.00
100	QPSK	1	137		14.98		16.00
100	QPSK	1	271		14.92		16.00
100	QPSK	135	0		14.90		16.00
100	QPSK	135	69		14.91		16.00
100	QPSK	135	138		14.97		16.00
100	QPSK	270	0		14.92		16.00
100	16QAM	1	1		14.95		16.00
100	64QAM	1	1		15.00		16.00
100	256QAM	1	1		14.97		16.00
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	14.92	15.01	14.96	16.00
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	14.80	14.99	14.88	16.00
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	14.86	14.91	14.94	16.00
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	14.78	14.90	14.82	16.00
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	14.82	14.95	14.89	16.00
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	14.89	14.99	14.95	16.00
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	14.79	14.94	14.88	16.00
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	14.84	14.88	14.89	16.00


【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		15.31		16.00
100	PI/2 BPSK	1	137		15.22		16.00
100	PI/2 BPSK	1	271		15.25		16.00
100	PI/2 BPSK	135	0		15.24		16.00
100	PI/2 BPSK	135	69		15.30		16.00
100	PI/2 BPSK	135	138		15.27		16.00
100	PI/2 BPSK	270	0		15.18		16.00
100	QPSK	1	1		15.25		16.00
100	QPSK	1	137		15.27		16.00
100	QPSK	1	271		15.31		16.00
100	QPSK	135	0		15.19		16.00
100	QPSK	135	69		15.24		16.00
100	QPSK	135	138		15.35		16.00
100	QPSK	270	0		15.17		16.00
100	16QAM	1	1		15.23		16.00
100	64QAM	1	1		15.31		16.00
100	256QAM	1	1		15.15		16.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	15.23	15.28	15.24	16.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	15.16	15.22	15.19	16.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	15.09	15.18	15.18	16.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	15.11	15.21	15.15	16.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	15.14	15.23	15.19	16.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	15.20	15.21	15.13	16.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	15.19	15.18	15.22	16.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	15.16	15.17	15.22	16.00

【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		15.02		16.00
100	PI/2 BPSK	1	137		15.00		16.00
100	PI/2 BPSK	1	271		14.97		16.00
100	PI/2 BPSK	135	0		14.88		16.00
100	PI/2 BPSK	135	69		14.92		16.00
100	PI/2 BPSK	135	138		14.86		16.00
100	PI/2 BPSK	270	0		15.02		16.00
100	QPSK	1	1		15.03		16.00
100	QPSK	1	137		14.98		16.00
100	QPSK	1	271		14.92		16.00
100	QPSK	135	0		14.90		16.00
100	QPSK	135	69		14.91		16.00
100	QPSK	135	138		14.97		16.00
100	QPSK	270	0		14.92		16.00
100	16QAM	1	1		14.95		16.00
100	64QAM	1	1		15.00		16.00
100	256QAM	1	1		14.97		16.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	14.92	15.01	14.96	16.00



Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	14.80	14.99	14.88	16.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	14.86	14.91	14.94	16.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	14.78	14.90	14.82	16.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	14.82	14.95	14.89	16.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	14.89	14.99	14.95	16.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	14.79	14.94	14.88	16.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	14.84	14.88	14.89	16.00

【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		15.31		16.00
100	PI/2 BPSK	1	137		15.22		16.00
100	PI/2 BPSK	1	271		15.25		16.00
100	PI/2 BPSK	135	0		15.24		16.00
100	PI/2 BPSK	135	69		15.30		16.00
100	PI/2 BPSK	135	138		15.27		16.00
100	PI/2 BPSK	270	0		15.18		16.00
100	QPSK	1	1		15.25		16.00
100	QPSK	1	137		15.27		16.00
100	QPSK	1	271		15.31		16.00
100	QPSK	135	0		15.19		16.00
100	QPSK	135	69		15.24		16.00
100	QPSK	135	138		15.35		16.00
100	QPSK	270	0		15.17		16.00
100	16QAM	1	1		15.23		16.00
100	64QAM	1	1		15.31		16.00
100	256QAM	1	1		15.15		16.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	15.23	15.28	15.24	16.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	15.16	15.22	15.19	16.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	15.09	15.18	15.18	16.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	15.11	15.21	15.15	16.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	15.14	15.23	15.19	16.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	15.20	15.21	15.13	16.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	15.19	15.18	15.22	16.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	15.16	15.17	15.22	16.00

【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		15.02		16.00
100	PI/2 BPSK	1	137		15.00		16.00
100	PI/2 BPSK	1	271		14.97		16.00
100	PI/2 BPSK	135	0		14.88		16.00
100	PI/2 BPSK	135	69		14.92		16.00
100	PI/2 BPSK	135	138		14.86		16.00
100	PI/2 BPSK	270	0		15.02		16.00
100	QPSK	1	1		15.03		16.00
100	QPSK	1	137		14.98		16.00
100	QPSK	1	271		14.92		16.00
100	QPSK	135	0		14.90		16.00
100	QPSK	135	69		14.91		16.00
100	QPSK	135	138		14.97		16.00
100	QPSK	270	0		14.92		16.00
100	16QAM	1	1		14.95		16.00
100	64QAM	1	1		15.00		16.00
100	256QAM	1	1		14.97		16.00
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	14.92	15.01	14.96	16.00
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	14.80	14.99	14.88	16.00
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	14.86	14.91	14.94	16.00
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	14.78	14.90	14.82	16.00
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	14.82	14.95	14.89	16.00
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	14.89	14.99	14.95	16.00
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	14.79	14.94	14.88	16.00
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	14.84	14.88	14.89	16.00

【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		15.31		16.00
100	PI/2 BPSK	1	137		15.22		16.00
100	PI/2 BPSK	1	271		15.25		16.00
100	PI/2 BPSK	135	0		15.24		16.00
100	PI/2 BPSK	135	69		15.30		16.00
100	PI/2 BPSK	135	138		15.27		16.00
100	PI/2 BPSK	270	0		15.18		16.00
100	QPSK	1	1		15.25		16.00
100	QPSK	1	137		15.27		16.00
100	QPSK	1	271		15.31		16.00
100	QPSK	135	0		15.19		16.00
100	QPSK	135	69		15.24		16.00
100	QPSK	135	138		15.35		16.00
100	QPSK	270	0		15.17		16.00
100	16QAM	1	1		15.23		16.00
100	64QAM	1	1		15.31		16.00
100	256QAM	1	1		15.15		16.00
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	



90	PI/2 BPSK	1	1	15.23	15.28	15.24	16.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	15.16	15.22	15.19	16.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	15.09	15.18	15.18	16.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	15.11	15.21	15.15	16.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	15.14	15.23	15.19	16.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	15.20	15.21	15.13	16.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	15.19	15.18	15.22	16.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	15.16	15.17	15.22	16.00

【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		15.02		16.00
100	PI/2 BPSK	1	137		15.00		16.00
100	PI/2 BPSK	1	271		14.97		16.00
100	PI/2 BPSK	135	0		14.88		16.00
100	PI/2 BPSK	135	69		14.92		16.00
100	PI/2 BPSK	135	138		14.86		16.00
100	PI/2 BPSK	270	0		15.02		16.00
100	QPSK	1	1		15.03		16.00
100	QPSK	1	137		14.98		16.00
100	QPSK	1	271		14.92		16.00
100	QPSK	135	0		14.90		16.00
100	QPSK	135	69		14.91		16.00
100	QPSK	135	138		14.97		16.00
100	QPSK	270	0		14.92		16.00
100	16QAM	1	1		14.95		16.00
100	64QAM	1	1		15.00		16.00
100	256QAM	1	1		14.97		16.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	14.92	15.01	14.96	16.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	14.80	14.99	14.88	16.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	14.86	14.91	14.94	16.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	14.78	14.90	14.82	16.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	14.82	14.95	14.89	16.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	14.89	14.99	14.95	16.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	14.79	14.94	14.88	16.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	14.84	14.88	14.89	16.00



【FR1 n78 (270)_FCC_Part 270 (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		15.31		16.00
100	PI/2 BPSK	1	137		15.22		16.00
100	PI/2 BPSK	1	271		15.25		16.00
100	PI/2 BPSK	135	0		15.24		16.00
100	PI/2 BPSK	135	69		15.30		16.00
100	PI/2 BPSK	135	138		15.27		16.00
100	PI/2 BPSK	270	0		15.18		16.00
100	QPSK	1	1		15.25		16.00
100	QPSK	1	137		15.27		16.00
100	QPSK	1	271		15.31		16.00
100	QPSK	135	0		15.19		16.00
100	QPSK	135	69		15.24		16.00
100	QPSK	135	138		15.35		16.00
100	QPSK	270	0		15.17		16.00
100	16QAM	1	1		15.23		16.00
100	64QAM	1	1		15.31		16.00
100	256QAM	1	1		15.15		16.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	15.23	15.28	15.24	16.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	15.16	15.22	15.19	16.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	15.09	15.18	15.18	16.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	15.11	15.21	15.15	16.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	15.14	15.23	15.19	16.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	15.20	15.21	15.13	16.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	15.19	15.18	15.22	16.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	15.16	15.17	15.22	16.00

【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		18.24		19.00
100	PI/2 BPSK	1	137		18.23		19.00
100	PI/2 BPSK	1	271		18.08		19.00
100	PI/2 BPSK	135	0		18.14		19.00
100	PI/2 BPSK	135	69		18.21		19.00
100	PI/2 BPSK	135	138		18.08		19.00
100	PI/2 BPSK	270	0		18.15		19.00
100	QPSK	1	1		18.25		19.00
100	QPSK	1	137		18.16		19.00
100	QPSK	1	271		18.11		19.00
100	QPSK	135	0		18.07		19.00
100	QPSK	135	69		18.19		19.00
100	QPSK	135	138		18.25		19.00
100	QPSK	270	0		18.18		19.00
100	16QAM	1	1		18.16		19.00
100	64QAM	1	1		18.22		19.00
100	256QAM	1	1		18.21		19.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	18.18	18.20	18.15	19.00



Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	18.13	18.12	18.12	19.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	18.14	18.18	18.07	19.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	18.15	18.15	18.10	19.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	18.06	18.10	18.10	19.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	18.07	18.12	18.11	19.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	18.06	18.10	18.05	19.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	18.05	18.12	18.13	19.00

【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		18.10		19.00
100	PI/2 BPSK	1	137		18.01		19.00
100	PI/2 BPSK	1	271		17.99		19.00
100	PI/2 BPSK	135	0		18.05		19.00
100	PI/2 BPSK	135	69		18.06		19.00
100	PI/2 BPSK	135	138		18.02		19.00
100	PI/2 BPSK	270	0		18.09		19.00
100	QPSK	1	1		18.14		19.00
100	QPSK	1	137		18.03		19.00
100	QPSK	1	271		18.02		19.00
100	QPSK	135	0		17.97		19.00
100	QPSK	135	69		18.01		19.00
100	QPSK	135	138		18.06		19.00
100	QPSK	270	0		18.07		19.00
100	16QAM	1	1		18.04		19.00
100	64QAM	1	1		17.96		19.00
100	256QAM	1	1		18.03		19.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	17.96	18.02	18.00	19.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	17.83	17.92	17.98	19.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	17.85	17.91	17.98	19.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	17.85	17.88	17.89	19.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	17.91	17.90	17.91	19.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	17.94	17.96	17.97	19.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	17.83	17.87	17.95	19.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	17.88	17.91	17.92	19.00

【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		18.24		19.00
100	PI/2 BPSK	1	137		18.23		19.00
100	PI/2 BPSK	1	271		18.08		19.00
100	PI/2 BPSK	135	0		18.14		19.00
100	PI/2 BPSK	135	69		18.21		19.00
100	PI/2 BPSK	135	138		18.08		19.00
100	PI/2 BPSK	270	0		18.15		19.00
100	QPSK	1	1		18.25		19.00
100	QPSK	1	137		18.16		19.00
100	QPSK	1	271		18.11		19.00
100	QPSK	135	0		18.07		19.00
100	QPSK	135	69		18.19		19.00
100	QPSK	135	138		18.25		19.00
100	QPSK	270	0		18.18		19.00
100	16QAM	1	1		18.16		19.00
100	64QAM	1	1		18.22		19.00
100	256QAM	1	1		18.21		19.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	18.18	18.20	18.15	19.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	18.13	18.12	18.12	19.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	18.14	18.18	18.07	19.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	18.15	18.15	18.10	19.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	18.06	18.10	18.10	19.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	18.07	18.12	18.11	19.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	18.06	18.10	18.05	19.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	18.05	18.12	18.13	19.00

【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		18.10		19.00
100	PI/2 BPSK	1	137		18.01		19.00
100	PI/2 BPSK	1	271		17.99		19.00
100	PI/2 BPSK	135	0		18.05		19.00
100	PI/2 BPSK	135	69		18.06		19.00
100	PI/2 BPSK	135	138		18.02		19.00
100	PI/2 BPSK	270	0		18.09		19.00
100	QPSK	1	1		18.14		19.00
100	QPSK	1	137		18.03		19.00
100	QPSK	1	271		18.02		19.00
100	QPSK	135	0		17.97		19.00
100	QPSK	135	69		18.01		19.00
100	QPSK	135	138		18.06		19.00
100	QPSK	270	0		18.07		19.00
100	16QAM	1	1		18.04		19.00
100	64QAM	1	1		17.96		19.00
100	256QAM	1	1		18.03		19.00
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	17.96	18.02	18.00	19.00
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	17.83	17.92	17.98	19.00
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	17.85	17.91	17.98	19.00
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	17.85	17.88	17.89	19.00
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	17.91	17.90	17.91	19.00
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	17.94	17.96	17.97	19.00
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	17.83	17.87	17.95	19.00
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	17.88	17.91	17.92	19.00

【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		18.24		19.00
100	PI/2 BPSK	1	137		18.23		19.00
100	PI/2 BPSK	1	271		18.08		19.00
100	PI/2 BPSK	135	0		18.14		19.00
100	PI/2 BPSK	135	69		18.21		19.00
100	PI/2 BPSK	135	138		18.08		19.00
100	PI/2 BPSK	270	0		18.15		19.00
100	QPSK	1	1		18.25		19.00
100	QPSK	1	137		18.16		19.00
100	QPSK	1	271		18.11		19.00
100	QPSK	135	0		18.07		19.00
100	QPSK	135	69		18.19		19.00
100	QPSK	135	138		18.25		19.00
100	QPSK	270	0		18.18		19.00
100	16QAM	1	1		18.16		19.00
100	64QAM	1	1		18.22		19.00
100	256QAM	1	1		18.21		19.00
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	18.18	18.20	18.15	19.00
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	18.13	18.12	18.12	19.00
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	18.14	18.18	18.07	19.00
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	18.15	18.15	18.10	19.00
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	18.06	18.10	18.10	19.00
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	18.07	18.12	18.11	19.00
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	18.06	18.10	18.05	19.00
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	18.05	18.12	18.13	19.00



【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		18.10		19.00
100	PI/2 BPSK	1	137		18.01		19.00
100	PI/2 BPSK	1	271		17.99		19.00
100	PI/2 BPSK	135	0		18.05		19.00
100	PI/2 BPSK	135	69		18.06		19.00
100	PI/2 BPSK	135	138		18.02		19.00
100	PI/2 BPSK	270	0		18.09		19.00
100	QPSK	1	1		18.14		19.00
100	QPSK	1	137		18.03		19.00
100	QPSK	1	271		18.02		19.00
100	QPSK	135	0		17.97		19.00
100	QPSK	135	69		18.01		19.00
100	QPSK	135	138		18.06		19.00
100	QPSK	270	0		18.07		19.00
100	16QAM	1	1		18.04		19.00
100	64QAM	1	1		17.96		19.00
100	256QAM	1	1		18.03		19.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	17.96	18.02	18.00	19.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	17.83	17.92	17.98	19.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	17.85	17.91	17.98	19.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	17.85	17.88	17.89	19.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	17.91	17.90	17.91	19.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	17.94	17.96	17.97	19.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	17.83	17.87	17.95	19.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	17.88	17.91	17.92	19.00

【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		18.24		19.00
100	PI/2 BPSK	1	137		18.23		19.00
100	PI/2 BPSK	1	271		18.08		19.00
100	PI/2 BPSK	135	0		18.14		19.00
100	PI/2 BPSK	135	69		18.21		19.00
100	PI/2 BPSK	135	138		18.08		19.00
100	PI/2 BPSK	270	0		18.15		19.00
100	QPSK	1	1		18.25		19.00
100	QPSK	1	137		18.16		19.00
100	QPSK	1	271		18.11		19.00
100	QPSK	135	0		18.07		19.00
100	QPSK	135	69		18.19		19.00
100	QPSK	135	138		18.25		19.00
100	QPSK	270	0		18.18		19.00
100	16QAM	1	1		18.16		19.00
100	64QAM	1	1		18.22		19.00
100	256QAM	1	1		18.21		19.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	18.18	18.20	18.15	19.00



Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	18.13	18.12	18.12	19.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	18.14	18.18	18.07	19.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	18.15	18.15	18.10	19.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	18.06	18.10	18.10	19.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	18.07	18.12	18.11	19.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	18.06	18.10	18.05	19.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	18.05	18.12	18.13	19.00

【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		18.10		19.00
100	PI/2 BPSK	1	137		18.01		19.00
100	PI/2 BPSK	1	271		17.99		19.00
100	PI/2 BPSK	135	0		18.05		19.00
100	PI/2 BPSK	135	69		18.06		19.00
100	PI/2 BPSK	135	138		18.02		19.00
100	PI/2 BPSK	270	0		18.09		19.00
100	QPSK	1	1		18.14		19.00
100	QPSK	1	137		18.03		19.00
100	QPSK	1	271		18.02		19.00
100	QPSK	135	0		17.97		19.00
100	QPSK	135	69		18.01		19.00
100	QPSK	135	138		18.06		19.00
100	QPSK	270	0		18.07		19.00
100	16QAM	1	1		18.04		19.00
100	64QAM	1	1		17.96		19.00
100	256QAM	1	1		18.03		19.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	17.96	18.02	18.00	19.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	17.83	17.92	17.98	19.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	17.85	17.91	17.98	19.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	17.85	17.88	17.89	19.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	17.91	17.90	17.91	19.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	17.94	17.96	17.97	19.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	17.83	17.87	17.95	19.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	17.88	17.91	17.92	19.00

【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		9.22		10.00
100	PI/2 BPSK	1	137		9.17		10.00
100	PI/2 BPSK	1	271		9.16		10.00
100	PI/2 BPSK	135	0		9.13		10.00
100	PI/2 BPSK	135	69		9.21		10.00
100	PI/2 BPSK	135	138		9.14		10.00
100	PI/2 BPSK	270	0		9.18		10.00
100	QPSK	1	1		9.16		10.00
100	QPSK	1	137		9.10		10.00
100	QPSK	1	271		9.11		10.00
100	QPSK	135	0		9.14		10.00
100	QPSK	135	69		9.22		10.00
100	QPSK	135	138		9.14		10.00
100	QPSK	270	0		9.22		10.00
100	16QAM	1	1		9.08		10.00
100	64QAM	1	1		9.20		10.00
100	256QAM	1	1		9.09		10.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	9.15	9.21	9.18	10.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	9.08	9.06	9.09	10.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	9.11	9.11	9.12	10.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	9.00	9.16	9.12	10.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	9.09	9.15	9.13	10.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	9.09	9.11	9.15	10.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	9.08	9.13	9.16	10.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	9.08	9.20	9.07	10.00

【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		9.15		10.00
100	PI/2 BPSK	1	137		9.05		10.00
100	PI/2 BPSK	1	271		9.11		10.00
100	PI/2 BPSK	135	0		8.98		10.00
100	PI/2 BPSK	135	69		9.05		10.00
100	PI/2 BPSK	135	138		8.98		10.00
100	PI/2 BPSK	270	0		9.01		10.00
100	QPSK	1	1		8.97		10.00
100	QPSK	1	137		9.04		10.00
100	QPSK	1	271		9.15		10.00
100	QPSK	135	0		9.10		10.00
100	QPSK	135	69		8.98		10.00
100	QPSK	135	138		8.96		10.00
100	QPSK	270	0		8.97		10.00
100	16QAM	1	1		9.09		10.00
100	64QAM	1	1		9.08		10.00
100	256QAM	1	1		9.12		10.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)



90	PI/2 BPSK	1	1	9.03	9.11	9.08	10.00
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	8.93	9.05	9.01	10.00
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	8.94	9.09	9.07	10.00
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	8.99	9.03	8.96	10.00
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	8.94	9.09	8.97	10.00
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	8.96	8.97	9.06	10.00
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	8.90	9.08	9.00	10.00
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	8.92	8.99	8.96	10.00

【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		9.22		10.00
100	PI/2 BPSK	1	137		9.17		10.00
100	PI/2 BPSK	1	271		9.16		10.00
100	PI/2 BPSK	135	0		9.13		10.00
100	PI/2 BPSK	135	69		9.21		10.00
100	PI/2 BPSK	135	138		9.14		10.00
100	PI/2 BPSK	270	0		9.18		10.00
100	QPSK	1	1		9.16		10.00
100	QPSK	1	137		9.10		10.00
100	QPSK	1	271		9.11		10.00
100	QPSK	135	0		9.14		10.00
100	QPSK	135	69		9.22		10.00
100	QPSK	135	138		9.14		10.00
100	QPSK	270	0		9.22		10.00
100	16QAM	1	1		9.08		10.00
100	64QAM	1	1		9.20		10.00
100	256QAM	1	1		9.09		10.00
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	9.15	9.21	9.18	10.00
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	9.08	9.06	9.09	10.00
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	9.11	9.11	9.12	10.00
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	9.00	9.16	9.12	10.00
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	9.09	9.15	9.13	10.00
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	9.09	9.11	9.15	10.00
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	9.08	9.13	9.16	10.00
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	9.08	9.20	9.07	10.00



【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		9.15		10.00
100	PI/2 BPSK	1	137		9.05		10.00
100	PI/2 BPSK	1	271		9.11		10.00
100	PI/2 BPSK	135	0		8.98		10.00
100	PI/2 BPSK	135	69		9.05		10.00
100	PI/2 BPSK	135	138		8.98		10.00
100	PI/2 BPSK	270	0		9.01		10.00
100	QPSK	1	1		8.97		10.00
100	QPSK	1	137		9.04		10.00
100	QPSK	1	271		9.15		10.00
100	QPSK	135	0		9.10		10.00
100	QPSK	135	69		8.98		10.00
100	QPSK	135	138		8.96		10.00
100	QPSK	270	0		8.97		10.00
100	16QAM	1	1		9.09		10.00
100	64QAM	1	1		9.08		10.00
100	256QAM	1	1		9.12		10.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	9.03	9.11	9.08	10.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	8.93	9.05	9.01	10.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	8.94	9.09	9.07	10.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	8.99	9.03	8.96	10.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	8.94	9.09	8.97	10.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	8.96	8.97	9.06	10.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	8.90	9.08	9.00	10.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	8.92	8.99	8.96	10.00

【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		9.22		10.00
100	PI/2 BPSK	1	137		9.17		10.00
100	PI/2 BPSK	1	271		9.16		10.00
100	PI/2 BPSK	135	0		9.13		10.00
100	PI/2 BPSK	135	69		9.21		10.00
100	PI/2 BPSK	135	138		9.14		10.00
100	PI/2 BPSK	270	0		9.18		10.00
100	QPSK	1	1		9.16		10.00
100	QPSK	1	137		9.10		10.00
100	QPSK	1	271		9.11		10.00
100	QPSK	135	0		9.14		10.00
100	QPSK	135	69		9.22		10.00
100	QPSK	135	138		9.14		10.00
100	QPSK	270	0		9.22		10.00
100	16QAM	1	1		9.08		10.00
100	64QAM	1	1		9.20		10.00
100	256QAM	1	1		9.09		10.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	9.15	9.21	9.18	10.00



Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	9.08	9.06	9.09	10.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	9.11	9.11	9.12	10.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	9.00	9.16	9.12	10.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	9.09	9.15	9.13	10.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	9.09	9.11	9.15	10.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	9.08	9.13	9.16	10.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	9.08	9.20	9.07	10.00

【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		9.15		10.00
100	PI/2 BPSK	1	137		9.05		10.00
100	PI/2 BPSK	1	271		9.11		10.00
100	PI/2 BPSK	135	0		8.98		10.00
100	PI/2 BPSK	135	69		9.05		10.00
100	PI/2 BPSK	135	138		8.98		10.00
100	PI/2 BPSK	270	0		9.01		10.00
100	QPSK	1	1		8.97		10.00
100	QPSK	1	137		9.04		10.00
100	QPSK	1	271		9.15		10.00
100	QPSK	135	0		9.10		10.00
100	QPSK	135	69		8.98		10.00
100	QPSK	135	138		8.96		10.00
100	QPSK	270	0		8.97		10.00
100	16QAM	1	1		9.09		10.00
100	64QAM	1	1		9.08		10.00
100	256QAM	1	1		9.12		10.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	9.03	9.11	9.08	10.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	8.93	9.05	9.01	10.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	8.94	9.09	9.07	10.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	8.99	9.03	8.96	10.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	8.94	9.09	8.97	10.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	8.96	8.97	9.06	10.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	8.90	9.08	9.00	10.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	8.92	8.99	8.96	10.00

【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		9.22		10.00
100	PI/2 BPSK	1	137		9.17		10.00
100	PI/2 BPSK	1	271		9.16		10.00
100	PI/2 BPSK	135	0		9.13		10.00
100	PI/2 BPSK	135	69		9.21		10.00
100	PI/2 BPSK	135	138		9.14		10.00
100	PI/2 BPSK	270	0		9.18		10.00
100	QPSK	1	1		9.16		10.00
100	QPSK	1	137		9.10		10.00
100	QPSK	1	271		9.11		10.00
100	QPSK	135	0		9.14		10.00
100	QPSK	135	69		9.22		10.00
100	QPSK	135	138		9.14		10.00
100	QPSK	270	0		9.22		10.00
100	16QAM	1	1		9.08		10.00
100	64QAM	1	1		9.20		10.00
100	256QAM	1	1		9.09		10.00
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	9.15	9.21	9.18	10.00
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	9.08	9.06	9.09	10.00
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	9.11	9.11	9.12	10.00
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	9.00	9.16	9.12	10.00
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	9.09	9.15	9.13	10.00
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	9.09	9.11	9.15	10.00
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	9.08	9.13	9.16	10.00
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	9.08	9.20	9.07	10.00

【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		9.15		10.00
100	PI/2 BPSK	1	137		9.05		10.00
100	PI/2 BPSK	1	271		9.11		10.00
100	PI/2 BPSK	135	0		8.98		10.00
100	PI/2 BPSK	135	69		9.05		10.00
100	PI/2 BPSK	135	138		8.98		10.00
100	PI/2 BPSK	270	0		9.01		10.00
100	QPSK	1	1		8.97		10.00
100	QPSK	1	137		9.04		10.00
100	QPSK	1	271		9.15		10.00
100	QPSK	135	0		9.10		10.00
100	QPSK	135	69		8.98		10.00
100	QPSK	135	138		8.96		10.00
100	QPSK	270	0		8.97		10.00
100	16QAM	1	1		9.09		10.00
100	64QAM	1	1		9.08		10.00
100	256QAM	1	1		9.12		10.00
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	



90	PI/2 BPSK	1	1	9.03	9.11	9.08	10.00
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	8.93	9.05	9.01	10.00
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	8.94	9.09	9.07	10.00
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	8.99	9.03	8.96	10.00
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	8.94	9.09	8.97	10.00
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	8.96	8.97	9.06	10.00
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	8.90	9.08	9.00	10.00
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	8.92	8.99	8.96	10.00

【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		18.45		19.50
100	PI/2 BPSK	1	137		18.38		19.50
100	PI/2 BPSK	1	271		18.34		19.50
100	PI/2 BPSK	135	0		18.40		19.50
100	PI/2 BPSK	135	69		18.44		19.50
100	PI/2 BPSK	135	138		18.33		19.50
100	PI/2 BPSK	270	0		18.36		19.50
100	QPSK	1	1		18.56		19.50
100	QPSK	1	137		18.47		19.50
100	QPSK	1	271		18.39		19.50
100	QPSK	135	0		18.45		19.50
100	QPSK	135	69		18.36		19.50
100	QPSK	135	138		18.29		19.50
100	QPSK	270	0		18.35		19.50
100	16QAM	1	1		18.67		19.50
100	64QAM	1	1		18.51		19.50
100	256QAM	1	1		18.00		18.50
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	18.13	18.30	18.13	19.50
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	18.05	18.23	17.99	19.50
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	18.00	18.27	18.02	19.50
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	18.10	18.20	18.11	19.50
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	18.11	18.15	18.10	19.50
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	17.98	18.17	18.03	19.50
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	18.00	18.18	18.04	19.50
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	18.07	18.17	18.00	19.50


【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		19.21		19.50
100	PI/2 BPSK	1	137		19.20		19.50
100	PI/2 BPSK	1	271		19.05		19.50
100	PI/2 BPSK	135	0		19.21		19.50
100	PI/2 BPSK	135	69		19.25		19.50
100	PI/2 BPSK	135	138		18.97		19.50
100	PI/2 BPSK	270	0		19.14		19.50
100	QPSK	1	1		19.17		19.50
100	QPSK	1	137		19.11		19.50
100	QPSK	1	271		19.12		19.50
100	QPSK	135	0		19.15		19.50
100	QPSK	135	69		19.18		19.50
100	QPSK	135	138		19.02		19.50
100	QPSK	270	0		19.10		19.50
100	16QAM	1	1		19.18		19.50
100	64QAM	1	1		19.19		19.50
100	256QAM	1	1		18.33		18.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	19.20	19.18	19.10	19.50
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	19.06	19.16	19.09	19.50
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	19.18	19.10	18.97	19.50
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	19.14	19.06	18.99	19.50
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	19.19	19.03	19.01	19.50
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	19.17	19.08	18.99	19.50
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	19.17	19.09	18.96	19.50
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	19.09	19.11	18.98	19.50

【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		21.76		22.50
100	PI/2 BPSK	1	137		21.47		22.50
100	PI/2 BPSK	1	271		21.37		22.50
100	PI/2 BPSK	135	0		21.51		22.50
100	PI/2 BPSK	135	69		21.52		22.50
100	PI/2 BPSK	135	138		21.35		22.50
100	PI/2 BPSK	270	0		21.46		22.50
100	QPSK	1	1		21.72		22.50
100	QPSK	1	137		21.57		22.50
100	QPSK	1	271		21.52		22.50
100	QPSK	135	0		21.53		22.50
100	QPSK	135	69		21.45		22.50
100	QPSK	135	138		21.40		22.50
100	QPSK	270	0		21.48		22.50
100	16QAM	1	1		21.42		22.50
100	64QAM	1	1		20.40		21.00
100	256QAM	1	1		18.05		19.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	21.44	21.48	21.31	22.50



Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	21.43	21.46	21.22	22.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	21.31	21.45	21.24	22.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	21.29	21.37	21.17	22.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	21.32	21.33	21.18	22.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	21.40	21.41	21.25	22.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	21.39	21.41	21.17	22.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	21.32	21.41	21.22	22.50

【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		22.26		22.50
100	PI/2 BPSK	1	137		22.24		22.50
100	PI/2 BPSK	1	271		22.10		22.50
100	PI/2 BPSK	135	0		22.20		22.50
100	PI/2 BPSK	135	69		22.21		22.50
100	PI/2 BPSK	135	138		22.07		22.50
100	PI/2 BPSK	270	0		22.16		22.50
100	QPSK	1	1		22.25		22.50
100	QPSK	1	137		22.22		22.50
100	QPSK	1	271		22.20		22.50
100	QPSK	135	0		21.87		22.50
100	QPSK	135	69		22.19		22.50
100	QPSK	135	138		22.02		22.50
100	QPSK	270	0		21.94		22.50
100	16QAM	1	1		21.84		22.50
100	64QAM	1	1		20.80		21.00
100	256QAM	1	1		18.74		19.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	22.15	22.21	22.06	22.50
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	22.12	22.11	22.04	22.50
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	22.12	22.11	21.96	22.50
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	22.14	22.16	21.99	22.50
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	22.12	22.13	21.95	22.50
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	22.10	22.13	22.00	22.50
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	22.10	22.20	21.94	22.50
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	22.12	22.14	21.95	22.50

【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		18.45		19.50
100	PI/2 BPSK	1	137		18.38		19.50
100	PI/2 BPSK	1	271		18.34		19.50
100	PI/2 BPSK	135	0		18.40		19.50
100	PI/2 BPSK	135	69		18.44		19.50
100	PI/2 BPSK	135	138		18.33		19.50
100	PI/2 BPSK	270	0		18.36		19.50
100	QPSK	1	1		18.56		19.50
100	QPSK	1	137		18.47		19.50
100	QPSK	1	271		18.39		19.50
100	QPSK	135	0		18.45		19.50
100	QPSK	135	69		18.36		19.50
100	QPSK	135	138		18.29		19.50
100	QPSK	270	0		18.35		19.50
100	16QAM	1	1		18.67		19.50
100	64QAM	1	1		18.51		19.50
100	256QAM	1	1		18.00		18.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	18.13	18.30	18.13	19.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	18.05	18.23	17.99	19.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	18.00	18.27	18.02	19.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	18.10	18.20	18.11	19.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	18.11	18.15	18.10	19.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	17.98	18.17	18.03	19.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	18.00	18.18	18.04	19.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	18.07	18.17	18.00	19.50

【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		19.21		19.50
100	PI/2 BPSK	1	137		19.20		19.50
100	PI/2 BPSK	1	271		19.05		19.50
100	PI/2 BPSK	135	0		19.21		19.50
100	PI/2 BPSK	135	69		19.25		19.50
100	PI/2 BPSK	135	138		18.97		19.50
100	PI/2 BPSK	270	0		19.14		19.50
100	QPSK	1	1		19.17		19.50
100	QPSK	1	137		19.11		19.50
100	QPSK	1	271		19.12		19.50
100	QPSK	135	0		19.15		19.50
100	QPSK	135	69		19.18		19.50
100	QPSK	135	138		19.02		19.50
100	QPSK	270	0		19.10		19.50
100	16QAM	1	1		19.18		19.50
100	64QAM	1	1		19.19		19.50
100	256QAM	1	1		18.33		18.50
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	19.20	19.18	19.10	19.50
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	19.06	19.16	19.09	19.50
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	19.18	19.10	18.97	19.50
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	19.14	19.06	18.99	19.50
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	19.19	19.03	19.01	19.50
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	19.17	19.08	18.99	19.50
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	19.17	19.09	18.96	19.50
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	19.09	19.11	18.98	19.50

【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		21.76		22.50
100	PI/2 BPSK	1	137		21.47		22.50
100	PI/2 BPSK	1	271		21.37		22.50
100	PI/2 BPSK	135	0		21.51		22.50
100	PI/2 BPSK	135	69		21.52		22.50
100	PI/2 BPSK	135	138		21.35		22.50
100	PI/2 BPSK	270	0		21.46		22.50
100	QPSK	1	1		21.72		22.50
100	QPSK	1	137		21.57		22.50
100	QPSK	1	271		21.52		22.50
100	QPSK	135	0		21.53		22.50
100	QPSK	135	69		21.45		22.50
100	QPSK	135	138		21.40		22.50
100	QPSK	270	0		21.48		22.50
100	16QAM	1	1		21.42		22.50
100	64QAM	1	1		20.40		21.00
100	256QAM	1	1		18.05		19.00
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	21.44	21.48	21.31	22.50
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	21.43	21.46	21.22	22.50
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	21.31	21.45	21.24	22.50
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	21.29	21.37	21.17	22.50
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	21.32	21.33	21.18	22.50
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	21.40	21.41	21.25	22.50
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	21.39	21.41	21.17	22.50
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	21.32	21.41	21.22	22.50



【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		22.26		22.50
100	PI/2 BPSK	1	137		22.24		22.50
100	PI/2 BPSK	1	271		22.10		22.50
100	PI/2 BPSK	135	0		22.20		22.50
100	PI/2 BPSK	135	69		22.21		22.50
100	PI/2 BPSK	135	138		22.07		22.50
100	PI/2 BPSK	270	0		22.16		22.50
100	QPSK	1	1		22.25		22.50
100	QPSK	1	137		22.22		22.50
100	QPSK	1	271		22.20		22.50
100	QPSK	135	0		21.87		22.50
100	QPSK	135	69		22.19		22.50
100	QPSK	135	138		22.02		22.50
100	QPSK	270	0		21.94		22.50
100	16QAM	1	1		21.84		22.50
100	64QAM	1	1		20.80		21.00
100	256QAM	1	1		18.74		19.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	22.15	22.21	22.06	22.50
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	22.12	22.11	22.04	22.50
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	22.12	22.11	21.96	22.50
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	22.14	22.16	21.99	22.50
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	22.12	22.13	21.95	22.50
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	22.10	22.13	22.00	22.50
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	22.10	22.20	21.94	22.50
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	22.12	22.14	21.95	22.50

【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		11.82		12.50
100	PI/2 BPSK	1	137		11.78		12.50
100	PI/2 BPSK	1	271		11.73		12.50
100	PI/2 BPSK	135	0		11.72		12.50
100	PI/2 BPSK	135	69		11.79		12.50
100	PI/2 BPSK	135	138		11.73		12.50
100	PI/2 BPSK	270	0		11.74		12.50
100	QPSK	1	1		11.82		12.50
100	QPSK	1	137		11.80		12.50
100	QPSK	1	271		11.78		12.50
100	QPSK	135	0		11.69		12.50
100	QPSK	135	69		11.72		12.50
100	QPSK	135	138		11.76		12.50
100	QPSK	270	0		11.68		12.50
100	16QAM	1	1		11.83		12.50
100	64QAM	1	1		11.73		12.50
100	256QAM	1	1		11.67		12.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	11.72	11.73	11.65	12.50



Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	11.70	11.61	11.53	12.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	11.58	11.69	11.61	12.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	11.66	11.70	11.60	12.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	11.65	11.63	11.63	12.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	11.70	11.63	11.64	12.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	11.68	11.61	11.52	12.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	11.64	11.59	11.63	12.50

【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		12.18		12.50
100	PI/2 BPSK	1	137		12.01		12.50
100	PI/2 BPSK	1	271		12.08		12.50
100	PI/2 BPSK	135	0		12.01		12.50
100	PI/2 BPSK	135	69		12.13		12.50
100	PI/2 BPSK	135	138		12.11		12.50
100	PI/2 BPSK	270	0		12.03		12.50
100	QPSK	1	1		11.96		12.50
100	QPSK	1	137		12.12		12.50
100	QPSK	1	271		12.09		12.50
100	QPSK	135	0		12.16		12.50
100	QPSK	135	69		12.04		12.50
100	QPSK	135	138		12.08		12.50
100	QPSK	270	0		12.06		12.50
100	16QAM	1	1		12.25		12.50
100	64QAM	1	1		12.08		12.50
100	256QAM	1	1		12.08		12.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	12.05	12.12	12.03	12.50
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	12.01	11.99	11.97	12.50
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	12.02	12.01	11.96	12.50
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	12.00	12.03	11.99	12.50
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	12.03	12.07	11.90	12.50
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	11.95	12.03	11.99	12.50
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	11.90	12.08	11.98	12.50
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	11.91	12.03	11.89	12.50

【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		11.82		12.50
100	PI/2 BPSK	1	137		11.78		12.50
100	PI/2 BPSK	1	271		11.73		12.50
100	PI/2 BPSK	135	0		11.72		12.50
100	PI/2 BPSK	135	69		11.79		12.50
100	PI/2 BPSK	135	138		11.73		12.50
100	PI/2 BPSK	270	0		11.74		12.50
100	QPSK	1	1		11.82		12.50
100	QPSK	1	137		11.80		12.50
100	QPSK	1	271		11.78		12.50
100	QPSK	135	0		11.69		12.50
100	QPSK	135	69		11.72		12.50
100	QPSK	135	138		11.76		12.50
100	QPSK	270	0		11.68		12.50
100	16QAM	1	1		11.83		12.50
100	64QAM	1	1		11.73		12.50
100	256QAM	1	1		11.67		12.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	11.72	11.73	11.65	12.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	11.70	11.61	11.53	12.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	11.58	11.69	11.61	12.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	11.66	11.70	11.60	12.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	11.65	11.63	11.63	12.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	11.70	11.63	11.64	12.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	11.68	11.61	11.52	12.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	11.64	11.59	11.63	12.50

【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		12.18		12.50
100	PI/2 BPSK	1	137		12.01		12.50
100	PI/2 BPSK	1	271		12.08		12.50
100	PI/2 BPSK	135	0		12.01		12.50
100	PI/2 BPSK	135	69		12.13		12.50
100	PI/2 BPSK	135	138		12.11		12.50
100	PI/2 BPSK	270	0		12.03		12.50
100	QPSK	1	1		11.96		12.50
100	QPSK	1	137		12.12		12.50
100	QPSK	1	271		12.09		12.50
100	QPSK	135	0		12.16		12.50
100	QPSK	135	69		12.04		12.50
100	QPSK	135	138		12.08		12.50
100	QPSK	270	0		12.06		12.50
100	16QAM	1	1		12.25		12.50
100	64QAM	1	1		12.08		12.50
100	256QAM	1	1		12.08		12.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)



90	PI/2 BPSK	1	1	12.05	12.12	12.03	12.50
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	12.01	11.99	11.97	12.50
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	12.02	12.01	11.96	12.50
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	12.00	12.03	11.99	12.50
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	12.03	12.07	11.90	12.50
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	11.95	12.03	11.99	12.50
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	11.90	12.08	11.98	12.50
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	11.91	12.03	11.89	12.50

【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		11.82		12.50
100	PI/2 BPSK	1	137		11.78		12.50
100	PI/2 BPSK	1	271		11.73		12.50
100	PI/2 BPSK	135	0		11.72		12.50
100	PI/2 BPSK	135	69		11.79		12.50
100	PI/2 BPSK	135	138		11.73		12.50
100	PI/2 BPSK	270	0		11.74		12.50
100	QPSK	1	1		11.82		12.50
100	QPSK	1	137		11.80		12.50
100	QPSK	1	271		11.78		12.50
100	QPSK	135	0		11.69		12.50
100	QPSK	135	69		11.72		12.50
100	QPSK	135	138		11.76		12.50
100	QPSK	270	0		11.68		12.50
100	16QAM	1	1		11.83		12.50
100	64QAM	1	1		11.73		12.50
100	256QAM	1	1		11.67		12.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	11.72	11.73	11.65	12.50
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	11.70	11.61	11.53	12.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	11.58	11.69	11.61	12.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	11.66	11.70	11.60	12.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	11.65	11.63	11.63	12.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	11.70	11.63	11.64	12.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	11.68	11.61	11.52	12.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	11.64	11.59	11.63	12.50



【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		12.17		12.50
100	PI/2 BPSK	1	137		12.01		12.50
100	PI/2 BPSK	1	271		12.08		12.50
100	PI/2 BPSK	135	0		12.01		12.50
100	PI/2 BPSK	135	69		12.13		12.50
100	PI/2 BPSK	135	138		12.11		12.50
100	PI/2 BPSK	270	0		12.03		12.50
100	QPSK	1	1		11.96		12.50
100	QPSK	1	137		12.12		12.50
100	QPSK	1	271		12.09		12.50
100	QPSK	135	0		12.16		12.50
100	QPSK	135	69		12.04		12.50
100	QPSK	135	138		12.08		12.50
100	QPSK	270	0		12.06		12.50
100	16QAM	1	1		12.25		12.50
100	64QAM	1	1		12.08		12.50
100	256QAM	1	1		12.08		12.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	12.05	12.12	12.03	12.50
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	12.01	11.99	11.97	12.50
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	12.02	12.01	11.96	12.50
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	12.00	12.03	11.99	12.50
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	12.03	12.07	11.90	12.50
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	11.95	12.03	11.99	12.50
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	11.90	12.08	11.98	12.50
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	11.91	12.03	11.89	12.50

【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		11.82		12.50
100	PI/2 BPSK	1	137		11.78		12.50
100	PI/2 BPSK	1	271		11.73		12.50
100	PI/2 BPSK	135	0		11.72		12.50
100	PI/2 BPSK	135	69		11.79		12.50
100	PI/2 BPSK	135	138		11.73		12.50
100	PI/2 BPSK	270	0		11.74		12.50
100	QPSK	1	1		11.82		12.50
100	QPSK	1	137		11.80		12.50
100	QPSK	1	271		11.78		12.50
100	QPSK	135	0		11.69		12.50
100	QPSK	135	69		11.72		12.50
100	QPSK	135	138		11.76		12.50
100	QPSK	270	0		11.68		12.50
100	16QAM	1	1		11.83		12.50
100	64QAM	1	1		11.73		12.50
100	256QAM	1	1		11.67		12.50
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	11.72	11.73	11.65	12.50



Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	11.70	11.61	11.53	12.50
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	11.58	11.69	11.61	12.50
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	11.66	11.70	11.60	12.50
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	11.65	11.63	11.63	12.50
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	11.70	11.63	11.64	12.50
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	11.68	11.61	11.52	12.50
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	11.64	11.59	11.63	12.50

【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		12.17		12.50
100	PI/2 BPSK	1	137		12.01		12.50
100	PI/2 BPSK	1	271		12.08		12.50
100	PI/2 BPSK	135	0		12.01		12.50
100	PI/2 BPSK	135	69		12.13		12.50
100	PI/2 BPSK	135	138		12.11		12.50
100	PI/2 BPSK	270	0		12.03		12.50
100	QPSK	1	1		11.96		12.50
100	QPSK	1	137		12.12		12.50
100	QPSK	1	271		12.09		12.50
100	QPSK	135	0		12.16		12.50
100	QPSK	135	69		12.04		12.50
100	QPSK	135	138		12.08		12.50
100	QPSK	270	0		12.06		12.50
100	16QAM	1	1		12.25		12.50
100	64QAM	1	1		12.08		12.50
100	256QAM	1	1		12.08		12.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	12.05	12.12	12.03	12.50
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	12.01	11.99	11.97	12.50
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	12.02	12.01	11.96	12.50
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	12.00	12.03	11.99	12.50
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	12.03	12.07	11.90	12.50
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	11.95	12.03	11.99	12.50
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	11.90	12.08	11.98	12.50
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	11.91	12.03	11.89	12.50



【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		13.24		14.00
100	PI/2 BPSK	1	137		13.14		14.00
100	PI/2 BPSK	1	271		13.13		14.00
100	PI/2 BPSK	135	0		13.18		14.00
100	PI/2 BPSK	135	69		13.20		14.00
100	PI/2 BPSK	135	138		13.18		14.00
100	PI/2 BPSK	270	0		13.08		14.00
100	QPSK	1	1		13.12		14.00
100	QPSK	1	137		13.20		14.00
100	QPSK	1	271		13.14		14.00
100	QPSK	135	0		13.13		14.00
100	QPSK	135	69		13.09		14.00
100	QPSK	135	138		13.13		14.00
100	QPSK	270	0		13.23		14.00
100	16QAM	1	1		13.20		14.00
100	64QAM	1	1		13.20		14.00
100	256QAM	1	1		13.12		14.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	13.20	13.21	13.17	14.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	13.10	13.20	13.15	14.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	13.05	13.09	13.11	14.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	13.05	13.13	13.09	14.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	13.18	13.11	13.07	14.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	13.10	13.08	13.14	14.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	13.10	13.12	13.13	14.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	13.13	13.13	13.07	14.00

【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		13.18		14.00
100	PI/2 BPSK	1	137		13.15		14.00
100	PI/2 BPSK	1	271		13.11		14.00
100	PI/2 BPSK	135	0		13.12		14.00
100	PI/2 BPSK	135	69		13.15		14.00
100	PI/2 BPSK	135	138		13.13		14.00
100	PI/2 BPSK	270	0		13.00		14.00
100	QPSK	1	1		12.99		14.00
100	QPSK	1	137		13.08		14.00
100	QPSK	1	271		13.17		14.00
100	QPSK	135	0		13.18		14.00
100	QPSK	135	69		13.03		14.00
100	QPSK	135	138		13.10		14.00
100	QPSK	270	0		13.17		14.00
100	16QAM	1	1		13.04		14.00
100	64QAM	1	1		13.12		14.00
100	256QAM	1	1		13.09		14.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)



90	PI/2 BPSK	1	1	13.10	13.15	13.11	14.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	13.08	13.11	12.96	14.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	13.01	13.07	13.05	14.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	12.96	13.00	13.01	14.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	13.06	13.01	12.99	14.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	13.02	13.06	13.02	14.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	12.98	13.12	13.03	14.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	13.00	13.09	13.03	14.00

【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		13.24		14.00
100	PI/2 BPSK	1	137		13.14		14.00
100	PI/2 BPSK	1	271		13.13		14.00
100	PI/2 BPSK	135	0		13.18		14.00
100	PI/2 BPSK	135	69		13.20		14.00
100	PI/2 BPSK	135	138		13.18		14.00
100	PI/2 BPSK	270	0		13.08		14.00
100	QPSK	1	1		13.12		14.00
100	QPSK	1	137		13.20		14.00
100	QPSK	1	271		13.14		14.00
100	QPSK	135	0		13.13		14.00
100	QPSK	135	69		13.09		14.00
100	QPSK	135	138		13.13		14.00
100	QPSK	270	0		13.23		14.00
100	16QAM	1	1		13.20		14.00
100	64QAM	1	1		13.20		14.00
100	256QAM	1	1		13.12		14.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	13.20	13.21	13.17	14.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	13.10	13.20	13.15	14.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	13.05	13.09	13.11	14.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	13.05	13.13	13.09	14.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	13.18	13.11	13.07	14.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	13.10	13.08	13.14	14.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	13.10	13.12	13.13	14.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	13.13	13.13	13.07	14.00



【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		13.18		14.00
100	PI/2 BPSK	1	137		13.15		14.00
100	PI/2 BPSK	1	271		13.11		14.00
100	PI/2 BPSK	135	0		13.12		14.00
100	PI/2 BPSK	135	69		13.15		14.00
100	PI/2 BPSK	135	138		13.13		14.00
100	PI/2 BPSK	270	0		13.00		14.00
100	QPSK	1	1		12.99		14.00
100	QPSK	1	137		13.08		14.00
100	QPSK	1	271		13.17		14.00
100	QPSK	135	0		13.18		14.00
100	QPSK	135	69		13.03		14.00
100	QPSK	135	138		13.10		14.00
100	QPSK	270	0		13.17		14.00
100	16QAM	1	1		13.04		14.00
100	64QAM	1	1		13.12		14.00
100	256QAM	1	1		13.09		14.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	13.10	13.15	13.11	14.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	13.08	13.11	12.96	14.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	13.01	13.07	13.05	14.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	12.96	13.00	13.01	14.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	13.06	13.01	12.99	14.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	13.02	13.06	13.02	14.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	12.98	13.12	13.03	14.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	13.00	13.09	13.03	14.00

【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		13.24		14.00
100	PI/2 BPSK	1	137		13.14		14.00
100	PI/2 BPSK	1	271		13.13		14.00
100	PI/2 BPSK	135	0		13.18		14.00
100	PI/2 BPSK	135	69		13.20		14.00
100	PI/2 BPSK	135	138		13.18		14.00
100	PI/2 BPSK	270	0		13.08		14.00
100	QPSK	1	1		13.12		14.00
100	QPSK	1	137		13.20		14.00
100	QPSK	1	271		13.14		14.00
100	QPSK	135	0		13.13		14.00
100	QPSK	135	69		13.09		14.00
100	QPSK	135	138		13.13		14.00
100	QPSK	270	0		13.23		14.00
100	16QAM	1	1		13.20		14.00
100	64QAM	1	1		13.20		14.00
100	256QAM	1	1		13.12		14.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	13.20	13.21	13.17	14.00



Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	13.10	13.20	13.15	14.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	13.05	13.09	13.11	14.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	13.05	13.13	13.09	14.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	13.18	13.11	13.07	14.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	13.10	13.08	13.14	14.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	13.10	13.12	13.13	14.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	13.13	13.13	13.07	14.00

【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		13.18		14.00
100	PI/2 BPSK	1	137		13.15		14.00
100	PI/2 BPSK	1	271		13.11		14.00
100	PI/2 BPSK	135	0		13.12		14.00
100	PI/2 BPSK	135	69		13.15		14.00
100	PI/2 BPSK	135	138		13.13		14.00
100	PI/2 BPSK	270	0		13.00		14.00
100	QPSK	1	1		12.99		14.00
100	QPSK	1	137		13.08		14.00
100	QPSK	1	271		13.17		14.00
100	QPSK	135	0		13.18		14.00
100	QPSK	135	69		13.03		14.00
100	QPSK	135	138		13.10		14.00
100	QPSK	270	0		13.17		14.00
100	16QAM	1	1		13.04		14.00
100	64QAM	1	1		13.12		14.00
100	256QAM	1	1		13.09		14.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	13.10	13.15	13.11	14.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	13.08	13.11	12.96	14.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	13.01	13.07	13.05	14.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	12.96	13.00	13.01	14.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	13.06	13.01	12.99	14.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	13.02	13.06	13.02	14.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	12.98	13.12	13.03	14.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	13.00	13.09	13.03	14.00



【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		13.24		14.00
100	PI/2 BPSK	1	137		13.14		14.00
100	PI/2 BPSK	1	271		13.13		14.00
100	PI/2 BPSK	135	0		13.18		14.00
100	PI/2 BPSK	135	69		13.20		14.00
100	PI/2 BPSK	135	138		13.18		14.00
100	PI/2 BPSK	270	0		13.08		14.00
100	QPSK	1	1		13.12		14.00
100	QPSK	1	137		13.20		14.00
100	QPSK	1	271		13.14		14.00
100	QPSK	135	0		13.13		14.00
100	QPSK	135	69		13.09		14.00
100	QPSK	135	138		13.13		14.00
100	QPSK	270	0		13.23		14.00
100	16QAM	1	1		13.20		14.00
100	64QAM	1	1		13.20		14.00
100	256QAM	1	1		13.12		14.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	13.20	13.21	13.17	14.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	13.10	13.20	13.15	14.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	13.05	13.09	13.11	14.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	13.05	13.13	13.09	14.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	13.18	13.11	13.07	14.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	13.10	13.08	13.14	14.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	13.10	13.12	13.13	14.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	13.13	13.13	13.07	14.00

【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		13.18		14.00
100	PI/2 BPSK	1	137		13.15		14.00
100	PI/2 BPSK	1	271		13.11		14.00
100	PI/2 BPSK	135	0		13.12		14.00
100	PI/2 BPSK	135	69		13.15		14.00
100	PI/2 BPSK	135	138		13.13		14.00
100	PI/2 BPSK	270	0		13.00		14.00
100	QPSK	1	1		12.99		14.00
100	QPSK	1	137		13.08		14.00
100	QPSK	1	271		13.17		14.00
100	QPSK	135	0		13.18		14.00
100	QPSK	135	69		13.03		14.00
100	QPSK	135	138		13.10		14.00
100	QPSK	270	0		13.17		14.00
100	16QAM	1	1		13.04		14.00
100	64QAM	1	1		13.12		14.00
100	256QAM	1	1		13.09		14.00
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	13.10	13.15	13.11	14.00
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	13.08	13.11	12.96	14.00
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	13.01	13.07	13.05	14.00
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	12.96	13.00	13.01	14.00
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	13.06	13.01	12.99	14.00
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	13.02	13.06	13.02	14.00
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	12.98	13.12	13.03	14.00
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	13.00	13.09	13.03	14.00

【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		13.24		14.00
100	PI/2 BPSK	1	137		13.14		14.00
100	PI/2 BPSK	1	271		13.13		14.00
100	PI/2 BPSK	135	0		13.18		14.00
100	PI/2 BPSK	135	69		13.20		14.00
100	PI/2 BPSK	135	138		13.18		14.00
100	PI/2 BPSK	270	0		13.08		14.00
100	QPSK	1	1		13.12		14.00
100	QPSK	1	137		13.20		14.00
100	QPSK	1	271		13.14		14.00
100	QPSK	135	0		13.13		14.00
100	QPSK	135	69		13.09		14.00
100	QPSK	135	138		13.13		14.00
100	QPSK	270	0		13.23		14.00
100	16QAM	1	1		13.20		14.00
100	64QAM	1	1		13.20		14.00
100	256QAM	1	1		13.12		14.00
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	13.20	13.21	13.17	14.00
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	13.10	13.20	13.15	14.00
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	13.05	13.09	13.11	14.00
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	13.05	13.13	13.09	14.00
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	13.18	13.11	13.07	14.00
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	13.10	13.08	13.14	14.00
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	13.10	13.12	13.13	14.00
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	13.13	13.13	13.07	14.00



【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		13.18		14.00
100	PI/2 BPSK	1	137		13.15		14.00
100	PI/2 BPSK	1	271		13.11		14.00
100	PI/2 BPSK	135	0		13.12		14.00
100	PI/2 BPSK	135	69		13.15		14.00
100	PI/2 BPSK	135	138		13.13		14.00
100	PI/2 BPSK	270	0		13.00		14.00
100	QPSK	1	1		12.99		14.00
100	QPSK	1	137		13.08		14.00
100	QPSK	1	271		13.17		14.00
100	QPSK	135	0		13.18		14.00
100	QPSK	135	69		13.03		14.00
100	QPSK	135	138		13.10		14.00
100	QPSK	270	0		13.17		14.00
100	16QAM	1	1		13.04		14.00
100	64QAM	1	1		13.12		14.00
100	256QAM	1	1		13.09		14.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	13.10	13.15	13.11	14.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	13.08	13.11	12.96	14.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	13.01	13.07	13.05	14.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	12.96	13.00	13.01	14.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	13.06	13.01	12.99	14.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	13.02	13.06	13.02	14.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	12.98	13.12	13.03	14.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	13.00	13.09	13.03	14.00

【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		13.24		14.00
100	PI/2 BPSK	1	137		13.14		14.00
100	PI/2 BPSK	1	271		13.13		14.00
100	PI/2 BPSK	135	0		13.18		14.00
100	PI/2 BPSK	135	69		13.20		14.00
100	PI/2 BPSK	135	138		13.18		14.00
100	PI/2 BPSK	270	0		13.08		14.00
100	QPSK	1	1		13.12		14.00
100	QPSK	1	137		13.20		14.00
100	QPSK	1	271		13.14		14.00
100	QPSK	135	0		13.13		14.00
100	QPSK	135	69		13.09		14.00
100	QPSK	135	138		13.13		14.00
100	QPSK	270	0		13.23		14.00
100	16QAM	1	1		13.20		14.00
100	64QAM	1	1		13.20		14.00
100	256QAM	1	1		13.12		14.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	13.20	13.21	13.17	14.00



Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	13.10	13.20	13.15	14.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	13.05	13.09	13.11	14.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	13.05	13.13	13.09	14.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	13.18	13.11	13.07	14.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	13.10	13.08	13.14	14.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	13.10	13.12	13.13	14.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	13.13	13.13	13.07	14.00

【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		13.18		14.00
100	PI/2 BPSK	1	137		13.15		14.00
100	PI/2 BPSK	1	271		13.11		14.00
100	PI/2 BPSK	135	0		13.12		14.00
100	PI/2 BPSK	135	69		13.15		14.00
100	PI/2 BPSK	135	138		13.13		14.00
100	PI/2 BPSK	270	0		13.00		14.00
100	QPSK	1	1		12.99		14.00
100	QPSK	1	137		13.08		14.00
100	QPSK	1	271		13.17		14.00
100	QPSK	135	0		13.18		14.00
100	QPSK	135	69		13.03		14.00
100	QPSK	135	138		13.10		14.00
100	QPSK	270	0		13.17		14.00
100	16QAM	1	1		13.04		14.00
100	64QAM	1	1		13.12		14.00
100	256QAM	1	1		13.09		14.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	13.10	13.15	13.11	14.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	13.08	13.11	12.96	14.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	13.01	13.07	13.05	14.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	12.96	13.00	13.01	14.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	13.06	13.01	12.99	14.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	13.02	13.06	13.02	14.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	12.98	13.12	13.03	14.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	13.00	13.09	13.03	14.00

【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		13.24		14.00
100	PI/2 BPSK	1	137		13.14		14.00
100	PI/2 BPSK	1	271		13.13		14.00
100	PI/2 BPSK	135	0		13.18		14.00
100	PI/2 BPSK	135	69		13.20		14.00
100	PI/2 BPSK	135	138		13.18		14.00
100	PI/2 BPSK	270	0		13.08		14.00
100	QPSK	1	1		13.12		14.00
100	QPSK	1	137		13.20		14.00
100	QPSK	1	271		13.14		14.00
100	QPSK	135	0		13.13		14.00
100	QPSK	135	69		13.09		14.00
100	QPSK	135	138		13.13		14.00
100	QPSK	270	0		13.23		14.00
100	16QAM	1	1		13.20		14.00
100	64QAM	1	1		13.20		14.00
100	256QAM	1	1		13.12		14.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	13.20	13.21	13.17	14.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	13.10	13.20	13.15	14.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	13.05	13.09	13.11	14.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	13.05	13.13	13.09	14.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	13.18	13.11	13.07	14.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	13.10	13.08	13.14	14.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	13.10	13.12	13.13	14.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	13.13	13.13	13.07	14.00

【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		13.18		14.00
100	PI/2 BPSK	1	137		13.15		14.00
100	PI/2 BPSK	1	271		13.11		14.00
100	PI/2 BPSK	135	0		13.12		14.00
100	PI/2 BPSK	135	69		13.15		14.00
100	PI/2 BPSK	135	138		13.13		14.00
100	PI/2 BPSK	270	0		13.00		14.00
100	QPSK	1	1		12.99		14.00
100	QPSK	1	137		13.08		14.00
100	QPSK	1	271		13.17		14.00
100	QPSK	135	0		13.18		14.00
100	QPSK	135	69		13.03		14.00
100	QPSK	135	138		13.10		14.00
100	QPSK	270	0		13.17		14.00
100	16QAM	1	1		13.04		14.00
100	64QAM	1	1		13.12		14.00
100	256QAM	1	1		13.09		14.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)



90	PI/2 BPSK	1	1	13.10	13.15	13.11	14.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	13.08	13.11	12.96	14.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	13.01	13.07	13.05	14.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	12.96	13.00	13.01	14.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	13.06	13.01	12.99	14.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	13.02	13.06	13.02	14.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	12.98	13.12	13.03	14.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	13.00	13.09	13.03	14.00

【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		13.24		14.00
100	PI/2 BPSK	1	137		13.14		14.00
100	PI/2 BPSK	1	271		13.13		14.00
100	PI/2 BPSK	135	0		13.18		14.00
100	PI/2 BPSK	135	69		13.20		14.00
100	PI/2 BPSK	135	138		13.18		14.00
100	PI/2 BPSK	270	0		13.08		14.00
100	QPSK	1	1		13.12		14.00
100	QPSK	1	137		13.20		14.00
100	QPSK	1	271		13.14		14.00
100	QPSK	135	0		13.13		14.00
100	QPSK	135	69		13.09		14.00
100	QPSK	135	138		13.13		14.00
100	QPSK	270	0		13.23		14.00
100	16QAM	1	1		13.20		14.00
100	64QAM	1	1		13.20		14.00
100	256QAM	1	1		13.12		14.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	13.20	13.21	13.17	14.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	13.10	13.20	13.15	14.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	13.05	13.09	13.11	14.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	13.05	13.13	13.09	14.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	13.18	13.11	13.07	14.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	13.10	13.08	13.14	14.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	13.10	13.12	13.13	14.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	13.13	13.13	13.07	14.00



【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		13.18		14.00
100	PI/2 BPSK	1	137		13.15		14.00
100	PI/2 BPSK	1	271		13.11		14.00
100	PI/2 BPSK	135	0		13.12		14.00
100	PI/2 BPSK	135	69		13.15		14.00
100	PI/2 BPSK	135	138		13.13		14.00
100	PI/2 BPSK	270	0		13.00		14.00
100	QPSK	1	1		12.99		14.00
100	QPSK	1	137		13.08		14.00
100	QPSK	1	271		13.17		14.00
100	QPSK	135	0		13.18		14.00
100	QPSK	135	69		13.03		14.00
100	QPSK	135	138		13.10		14.00
100	QPSK	270	0		13.17		14.00
100	16QAM	1	1		13.04		14.00
100	64QAM	1	1		13.12		14.00
100	256QAM	1	1		13.09		14.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	13.10	13.15	13.11	14.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	13.08	13.11	12.96	14.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	13.01	13.07	13.05	14.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	12.96	13.00	13.01	14.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	13.06	13.01	12.99	14.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	13.02	13.06	13.02	14.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	12.98	13.12	13.03	14.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	13.00	13.09	13.03	14.00

**Bluetooth Conducted Power**

【Bluetooth】

Mode	Channel	Frequency (MHz)	Ant 2		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
BR / EDR 1Mbps	0	2402	5.44	6.50	76.78
	39	2441	6.23	7.50	
	78	2480	4.60	6.00	
BR / EDR 2Mbps	0	2402	3.26	4.50	76.78
	39	2441	4.07	5.00	
	78	2480	2.41	3.50	
BR / EDR 3Mbps	0	2402	3.25	4.50	76.78
	39	2441	4.06	5.00	
	78	2480	2.40	3.50	
LE 1Mbps	0	2402	-0.66	0.50	62.04
	19	2440	0.46	1.50	
	39	2480	-0.89	0.50	
LE 2Mbps	0	2402	-0.62	0.50	32.87
	19	2440	0.51	1.50	
	39	2480	-0.69	0.50	

WLAN Conducted Power

【2.4GHz WLAN_Full Power】

Mode	Channel	Frequency (MHz)	Ant MIMO(2)		Ant MIMO(3)		Ant MIMO		Duty Cycle %
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	
802.11b 1Mbps	1	2412	16.44	17.50	16.76	17.50	19.61	20.50	99.09
	6	2437	18.80	20.00	19.30	20.00	22.07	23.00	
	11	2462	18.38	19.50	18.50	19.50	21.45	22.50	
802.11g 6Mbps	1	2412	18.56	19.50	18.62	19.50	21.60	22.50	98.90
	6	2437	18.58	19.50	18.65	19.50	21.63	22.50	
	11	2462	18.74	20.00	18.59	20.00	21.68	23.00	
802.11n-HT20 MCS0	1	2412	18.13	19.50	18.31	19.50	21.23	22.50	100.00
	6	2437	18.10	19.50	18.37	19.50	21.25	22.50	
	11	2462	18.27	19.50	18.21	19.50	21.25	22.50	
802.11n-HT40 MCS0	3	2422	16.65	17.50	16.68	17.50	19.68	20.50	100.00
	6	2437	18.42	19.50	18.37	19.50	21.41	22.50	
	9	2452	16.79	18.00	16.61	18.00	19.71	21.00	
802.11ac-VHT20 MCS0	1	2412	18.19	19.50	18.38	19.50	21.30	22.50	100.00
	6	2437	18.19	19.50	18.45	19.50	21.33	22.50	
	11	2462	18.36	19.50	18.30	19.50	21.34	22.50	
802.11ac-VHT40 MCS0	3	2422	16.82	18.00	16.85	18.00	19.85	21.00	98.00
	6	2437	18.59	19.50	18.53	19.50	21.57	22.50	
	9	2452	16.93	18.00	16.77	18.00	19.86	21.00	
802.11ax-HE20 MCS0	1	2412	18.28	19.50	18.44	19.50	21.37	22.50	100.00
	6	2437	18.28	19.50	18.52	19.50	21.41	22.50	
	11	2462	18.43	19.50	18.38	19.50	21.42	22.50	
802.11ax-HE40 MCS0	3	2422	16.81	18.00	16.83	18.00	19.83	21.00	100.00
	6	2437	18.55	19.50	18.51	19.50	21.54	22.50	
	9	2452	16.92	18.00	16.74	18.00	19.84	21.00	



【2.4GHz WLAN_Sensor on】

Mode	Channel	Frequency (MHz)	Ant MIMO(2)		Ant MIMO(3)		Ant MIMO		Duty Cycle %
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	
802.11b 1Mbps	1	2412	16.44	17.50	16.76	17.50	19.61	20.50	99.09
	6	2437	18.80	20.00	19.30	20.00	22.07	23.00	
	11	2462	18.38	19.50	18.50	19.50	21.45	22.50	
802.11g 6Mbps	1	2412	18.56	19.50	18.62	19.50	21.60	22.50	98.90
	6	2437	18.58	19.50	18.65	19.50	21.63	22.50	
	11	2462	18.74	20.00	18.59	20.00	21.68	23.00	
802.11n-HT20 MCS0	1	2412	18.13	19.50	18.31	19.50	21.23	22.50	100.00
	6	2437	18.10	19.50	18.37	19.50	21.25	22.50	
	11	2462	18.27	19.50	18.21	19.50	21.25	22.50	
802.11n-HT40 MCS0	3	2422	16.65	17.50	16.68	17.50	19.68	20.50	100.00
	6	2437	18.42	19.50	18.37	19.50	21.41	22.50	
	9	2452	16.79	18.00	16.61	18.00	19.71	21.00	
802.11ac-VHT20 MCS0	1	2412	18.19	19.50	18.38	19.50	21.30	22.50	100.00
	6	2437	18.19	19.50	18.45	19.50	21.33	22.50	
	11	2462	18.36	19.50	18.30	19.50	21.34	22.50	
802.11ac-VHT40 MCS0	3	2422	16.82	18.00	16.85	18.00	19.85	21.00	98.00
	6	2437	18.59	19.50	18.53	19.50	21.57	22.50	
	9	2452	16.93	18.00	16.77	18.00	19.86	21.00	
802.11ax-HE20 MCS0	1	2412	18.28	19.50	18.44	19.50	21.37	22.50	100.00
	6	2437	18.28	19.50	18.52	19.50	21.41	22.50	
	11	2462	18.43	19.50	18.38	19.50	21.42	22.50	
802.11ax-HE40 MCS0	3	2422	16.81	18.00	16.83	18.00	19.83	21.00	100.00
	6	2437	18.55	19.50	18.51	19.50	21.54	22.50	
	9	2452	16.92	18.00	16.74	18.00	19.84	21.00	

【2.4GHz WLAN_Hotspot on】

Mode	Channel	Frequency (MHz)	Ant MIMO(2)		Ant MIMO(3)		Ant MIMO		Duty Cycle %
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	
802.11b 1Mbps	1	2412	16.44	17.50	16.76	17.50	19.61	20.50	99.09
	6	2437	18.80	20.00	19.30	20.00	22.07	23.00	
	11	2462	18.38	19.50	18.50	19.50	21.45	22.50	
802.11g 6Mbps	1	2412	18.56	19.50	18.62	19.50	21.60	22.50	98.90
	6	2437	18.58	19.50	18.65	19.50	21.63	22.50	
	11	2462	18.74	20.00	18.59	20.00	21.68	23.00	
802.11n-HT20 MCS0	1	2412	18.13	19.50	18.31	19.50	21.23	22.50	100.00
	6	2437	18.10	19.50	18.37	19.50	21.25	22.50	
	11	2462	18.27	19.50	18.21	19.50	21.25	22.50	
802.11n-HT40 MCS0	3	2422	16.65	17.50	16.68	17.50	19.68	20.50	100.00
	6	2437	18.42	19.50	18.37	19.50	21.41	22.50	
	9	2452	16.79	18.00	16.61	18.00	19.71	21.00	
802.11ac-VHT20 MCS0	1	2412	18.19	19.50	18.38	19.50	21.30	22.50	100.00
	6	2437	18.19	19.50	18.45	19.50	21.33	22.50	
	11	2462	18.36	19.50	18.30	19.50	21.34	22.50	
802.11ac-VHT40 MCS0	3	2422	16.82	18.00	16.85	18.00	19.85	21.00	98.00
	6	2437	18.59	19.50	18.53	19.50	21.57	22.50	
	9	2452	16.93	18.00	16.77	18.00	19.86	21.00	
802.11ax-HE20 MCS0	1	2412	18.28	19.50	18.44	19.50	21.37	22.50	100.00
	6	2437	18.28	19.50	18.52	19.50	21.41	22.50	
	11	2462	18.43	19.50	18.38	19.50	21.42	22.50	
802.11ax-HE40 MCS0	3	2422	16.81	18.00	16.83	18.00	19.83	21.00	100.00
	6	2437	18.55	19.50	18.51	19.50	21.54	22.50	
	9	2452	16.92	18.00	16.74	18.00	19.84	21.00	

【2.4GHz WLAN_Sensor off】

Mode	Channel	Frequency (MHz)	Ant MIMO(2)		Ant MIMO(3)		Ant MIMO		Duty Cycle %
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	
802.11b 1Mbps	1	2412	16.44	17.50	16.76	17.50	19.61	20.50	99.09
	6	2437	18.80	20.00	19.30	20.00	22.07	23.00	
	11	2462	18.38	19.50	18.50	19.50	21.45	22.50	
802.11g 6Mbps	1	2412	18.56	19.50	18.62	19.50	21.60	22.50	98.90
	6	2437	18.58	19.50	18.65	19.50	21.63	22.50	
	11	2462	18.74	20.00	18.59	20.00	21.68	23.00	



802.11n-HT20 MCS0	1	2412	18.13	19.50	18.31	19.50	21.23	22.50	100.00
	6	2437	18.10	19.50	18.37	19.50	21.25	22.50	
	11	2462	18.27	19.50	18.21	19.50	21.25	22.50	
802.11n-HT40 MCS0	3	2422	16.65	17.50	16.68	17.50	19.68	20.50	100.00
	6	2437	18.42	19.50	18.37	19.50	21.41	22.50	
	9	2452	16.79	18.00	16.61	18.00	19.71	21.00	
802.11ac-VHT20 MCS0	1	2412	18.19	19.50	18.38	19.50	21.30	22.50	100.00
	6	2437	18.19	19.50	18.45	19.50	21.33	22.50	
	11	2462	18.36	19.50	18.30	19.50	21.34	22.50	
802.11ac-VHT40 MCS0	3	2422	16.82	18.00	16.85	18.00	19.85	21.00	98.00
	6	2437	18.59	19.50	18.53	19.50	21.57	22.50	
	9	2452	16.93	18.00	16.77	18.00	19.86	21.00	
802.11ax-HE20 MCS0	1	2412	18.28	19.50	18.44	19.50	21.37	22.50	100.00
	6	2437	18.28	19.50	18.52	19.50	21.41	22.50	
	11	2462	18.43	19.50	18.38	19.50	21.42	22.50	
802.11ax-HE40 MCS0	3	2422	16.81	18.00	16.83	18.00	19.83	21.00	100.00
	6	2437	18.55	19.50	18.51	19.50	21.54	22.50	
	9	2452	16.92	18.00	16.74	18.00	19.84	21.00	

【5.2GHz WLAN_Full Power】

Mode	Channel	Frequency (MHz)	Ant MIMO(2)		Ant MIMO(3)		Ant MIMO		Duty Cycle %
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	
802.11a 6Mbps	36	5180	17.44	18.50	17.42	18.50	20.44	21.50	99.32
	40	5200	17.43	18.50	16.99	18.50	20.23	21.50	
	44	5220	17.42	18.50	16.88	18.50	20.17	21.50	
	48	5240	17.45	18.50	16.59	18.50	20.05	21.50	
802.11n-HT20 MCS0	36	5180	16.88	18.00	17.05	18.00	19.98	21.00	100.00
	40	5200	16.93	18.00	17.02	18.00	19.99	21.00	
	44	5220	17.11	18.00	17.09	18.00	20.11	21.00	
	48	5240	17.34	18.50	16.89	18.50	20.13	21.50	
802.11n-HT40 MCS0	38	5190	17.72	19.00	16.83	18.00	20.31	21.50	100.00
	46	5230	19.08	20.00	19.14	20.00	22.12	23.00	
802.11ac-VHT20 MCS0	36	5180	16.92	18.00	17.07	18.00	20.01	21.00	100.00
	40	5200	16.98	18.00	17.09	18.00	20.05	21.00	
	44	5220	17.13	18.00	17.12	18.00	20.14	21.00	
	48	5240	17.41	18.50	16.91	18.50	20.18	21.50	
802.11ac-VHT40 MCS0	38	5190	17.79	19.00	16.88	18.00	20.37	21.50	100.00
	46	5230	19.13	20.00	19.17	20.00	22.16	23.00	
802.11ac-VHT80 MCS0	42	5210	17.44	18.50	16.55	17.50	20.03	21.00	100.00
802.11ax-HE20 MCS0	36	5180	18.03	19.00	17.94	19.00	21.00	22.00	100.00
	40	5200	17.41	18.50	17.45	18.50	20.44	21.50	
	44	5220	17.46	18.50	17.47	18.50	20.48	21.50	
	48	5240	17.70	18.50	17.23	18.50	20.48	21.50	
802.11ax-HE40 MCS0	38	5190	17.83	19.00	16.91	18.00	20.40	21.50	100.00
	46	5230	19.18	20.00	19.24	20.00	22.22	23.00	
802.11ax-HE80 MCS0	42	5210	17.52	18.50	16.61	17.50	20.10	21.00	100.00

【5.2GHz WLAN_Sensor on】

Mode	Channel	Frequency (MHz)	Ant MIMO(2)		Ant MIMO(3)		Ant MIMO		Duty Cycle %
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	
802.11a 6Mbps	36	5180	Not Required	18.50	Not Required	18.50	Not Required	21.50	Not Required
	40	5200		18.50		18.50		21.50	
	44	5220		18.50		18.50		21.50	
	48	5240		18.50		18.50		21.50	
802.11n-HT20 MCS0	36	5180	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	40	5200		18.00		18.00		21.00	
	44	5220		18.00		18.00		21.00	
	48	5240		18.50		18.50		21.50	
802.11n-HT40 MCS0	38	5190	17.72	19.00	16.83	18.00	20.31	21.50	100.00
	46	5230	18.53	19.50	18.58	19.50	21.57	22.50	
802.11ac-VHT20 MCS0	36	5180	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	40	5200		18.00		18.00		21.00	
	44	5220		18.00		18.00		21.00	
	48	5240		18.50		18.50		21.50	
802.11ac-VHT40 MCS0	38	5190	Not Required	19.00	Not Required	18.00	Not Required	21.50	Not Required
	46	5230		19.50		19.50		22.50	
802.11ac-VHT80 MCS0	42	5210	Not Required	18.50	Not Required	17.50	Not Required	21.00	Not Required
802.11ax-HE20 MCS0	36	5180		19.00		19.00		22.00	



802.11ax-HE40 MCS0	40	5200		18.50		18.50		21.50	
	44	5220		18.50		18.50		21.50	
	48	5240		18.50		18.50		21.50	
	38	5190		19.00		18.00		21.50	
	46	5230		19.50		19.50		22.50	
	42	5210		18.50		17.50		21.00	
802.11ax-HE80 MCS0	42	5210		18.50		17.50		21.00	

【5.2GHz WLAN_Sensor off】

Mode	Channel	Frequency (MHz)	Ant MIMO(2)		Ant MIMO(3)		Ant MIMO		Duty Cycle %
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	
802.11a 6Mbps	36	5180	17.44	18.50	17.42	18.50	20.44	21.50	99.32
	40	5200	17.43	18.50	16.99	18.50	20.23	21.50	
	44	5220	17.42	18.50	16.88	18.50	20.17	21.50	
	48	5240	17.45	18.50	16.59	18.50	20.05	21.50	
802.11n-HT20 MCS0	36	5180	16.88	18.00	17.05	18.00	19.98	21.00	100.00
	40	5200	16.93	18.00	17.02	18.00	19.99	21.00	
	44	5220	17.11	18.00	17.09	18.00	20.11	21.00	
	48	5240	17.34	18.50	16.89	18.50	20.13	21.50	
802.11n-HT40 MCS0	38	5190	17.72	19.00	16.83	18.00	20.31	21.50	100.00
	46	5230	19.08	20.00	19.14	20.00	22.12	23.00	
802.11ac-VHT20 MCS0	36	5180	16.92	18.00	17.07	18.00	20.01	21.00	100.00
	40	5200	16.98	18.00	17.09	18.00	20.05	21.00	
	44	5220	17.13	18.00	17.12	18.00	20.14	21.00	
	48	5240	17.41	18.50	16.91	18.50	20.18	21.50	
802.11ac-VHT40 MCS0	38	5190	17.79	19.00	16.88	18.00	20.37	21.50	100.00
	46	5230	19.13	20.00	19.17	20.00	22.16	23.00	
802.11ac-VHT80 MCS0	42	5210	17.44	18.50	16.55	17.50	20.03	21.00	100.00
802.11ax-HE20 MCS0	36	5180	18.03	19.00	17.94	19.00	21.00	22.00	100.00
	40	5200	17.41	18.50	17.45	18.50	20.44	21.50	
	44	5220	17.46	18.50	17.47	18.50	20.48	21.50	
	48	5240	17.70	18.50	17.23	18.50	20.48	21.50	
802.11ax-HE40 MCS0	38	5190	17.83	19.00	16.91	18.00	20.40	21.50	100.00
	46	5230	19.18	20.00	19.24	20.00	22.22	23.00	
802.11ax-HE80 MCS0	42	5210	17.52	18.50	16.61	17.50	20.10	21.00	100.00

【5.3GHz WLAN_Full Power】

Mode	Channel	Frequency (MHz)	Ant MIMO(2)		Ant MIMO(3)		Ant MIMO		Duty Cycle %
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	
802.11a 6Mbps	52	5260	17.62	19.00	17.33	19.00	20.49	22.00	99.32
	56	5280	17.66	19.00	17.10	18.00	20.40	21.50	
	60	5300	17.68	19.00	16.95	18.00	20.34	21.50	
	64	5320	17.85	19.00	17.30	19.00	20.59	22.00	
802.11n-HT20 MCS0	52	5260	17.07	18.50	16.94	18.50	20.02	21.50	100.00
	56	5280	17.24	18.50	16.78	18.50	20.03	21.50	
	60	5300	17.16	18.50	16.53	17.50	19.87	21.00	
	64	5320	17.39	18.50	16.86	18.50	20.14	21.50	
802.11n-HT40 MCS0	54	5270	19.14	20.00	19.01	20.00	22.09	23.00	100.00
	62	5310	16.10	18.00	15.73	17.00	18.93	20.50	
802.11ac-VHT20 MCS0	52	5260	17.13	18.50	16.96	18.50	20.06	21.50	100.00
	56	5280	17.26	18.50	16.85	18.50	20.07	21.50	
	60	5300	17.23	18.50	16.57	17.50	19.92	21.00	
	64	5320	17.41	18.50	16.90	18.50	20.17	21.50	
802.11ac-VHT40 MCS0	54	5270	19.22	20.00	19.07	20.00	22.16	23.00	100.00
	62	5310	16.12	18.00	15.76	17.00	18.95	20.50	
802.11ac-VHT80 MCS0	58	5290	17.07	18.00	15.99	17.00	19.57	20.50	100.00
802.11ac-VHT160 MCS0	50	5250	15.06	16.00	14.35	16.00	17.73	19.00	100.00
802.11ax-HE20 MCS0	52	5260	17.57	19.00	17.32	19.00	20.46	22.00	100.00
	56	5280	17.57	19.00	17.22	19.00	20.41	22.00	
	60	5300	17.81	19.00	17.42	19.00	20.63	22.00	
	64	5320	18.27	19.50	17.72	19.50	21.01	22.50	
802.11ax-HE40 MCS0	54	5270	19.27	20.00	19.13	20.00	22.21	23.00	100.00
	62	5310	16.14	18.00	15.78	17.00	18.97	20.50	
802.11ax-HE80 MCS0	58	5290	17.13	18.00	16.07	17.00	19.64	20.50	100.00
802.11ax-HE160 MCS0	50	5250	15.18	16.00	14.37	16.00	17.80	19.00	100.00



【5.3GHz WLAN_Sensor on】

Mode	Channel	Frequency (MHz)	Ant MIMO(2)		Ant MIMO(3)		Ant MIMO		Duty Cycle %
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	
802.11a 6Mbps	52	5260	Not Required	19.00	Not Required	19.00	Not Required	22.00	Not Required
	56	5280		19.00		18.00		21.50	
	60	5300		19.00		18.00		21.50	
	64	5320		19.00		19.00		22.00	
802.11n-HT20 MCS0	52	5260		18.50		18.50		21.50	
	56	5280		18.50		18.50		21.50	
	60	5300		18.50		17.50		21.00	
	64	5320		18.50		18.50		21.50	
802.11n-HT40 MCS0	54	5270	18.61	19.50	18.67	19.50	21.65	22.50	100.00
	62	5310	16.10	18.00	15.73	17.00	18.93	20.50	
802.11ac-VHT20 MCS0	52	5260	Not Required	18.50	Not Required	18.50	Not Required	21.50	Not Required
	56	5280		18.50		18.50		21.50	
	60	5300		18.50		17.50		21.00	
	64	5320		18.50		18.50		21.50	
802.11ac-VHT40 MCS0	54	5270		19.50		19.50		22.50	
	62	5310		18.00		17.00		20.50	
802.11ac-VHT80 MCS0	58	5290		18.00		17.00		20.50	
802.11ac-VHT160 MCS0	50	5250		16.00		16.00		19.00	
802.11ax-HE20 MCS0	52	5260		19.00		19.00		22.00	
	56	5280		19.00		19.00		22.00	
	60	5300		19.00		19.00		22.00	
	64	5320		19.50		19.50		22.50	
802.11ax-HE40 MCS0	54	5270		19.50		19.50		22.50	
	62	5310		18.00		17.00		20.50	
802.11ax-HE80 MCS0	58	5290		18.00		17.00		20.50	
802.11ax-HE160 MCS0	50	5250		16.00		16.00		19.00	

【5.3GHz WLAN_Sensor off】

Mode	Channel	Frequency (MHz)	Ant MIMO(2)		Ant MIMO(3)		Ant MIMO		Duty Cycle %
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	
802.11a 6Mbps	52	5260	17.62	19.00	17.33	19.00	20.49	22.00	99.32
	56	5280	17.66	19.00	17.10	18.00	20.40	21.50	
	60	5300	17.68	19.00	16.95	18.00	20.34	21.50	
	64	5320	17.85	19.00	17.30	19.00	20.59	22.00	
802.11n-HT20 MCS0	52	5260	17.07	18.50	16.94	18.50	20.02	21.50	100.00
	56	5280	17.24	18.50	16.78	18.50	20.03	21.50	
	60	5300	17.16	18.50	16.53	17.50	19.87	21.00	
	64	5320	17.39	18.50	16.86	18.50	20.14	21.50	
802.11n-HT40 MCS0	54	5270	19.14	20.00	19.01	20.00	22.09	23.00	100.00
	62	5310	16.10	18.00	15.73	17.00	18.93	20.50	
802.11ac-VHT20 MCS0	52	5260	17.13	18.50	16.96	18.50	20.06	21.50	100.00
	56	5280	17.26	18.50	16.85	18.50	20.07	21.50	
	60	5300	17.23	18.50	16.57	17.50	19.92	21.00	
	64	5320	17.41	18.50	16.90	18.50	20.17	21.50	
802.11ac-VHT40 MCS0	54	5270	19.22	20.00	19.07	20.00	22.16	23.00	100.00
	62	5310	16.12	18.00	15.76	17.00	18.95	20.50	
802.11ac-VHT80 MCS0	58	5290	17.07	18.00	15.99	17.00	19.57	20.50	100.00
802.11ac-VHT160 MCS0	50	5250	15.06	16.00	14.35	16.00	17.73	19.00	100.00
802.11ax-HE20 MCS0	52	5260	17.57	19.00	17.32	19.00	20.46	22.00	100.00
	56	5280	17.57	19.00	17.22	19.00	20.41	22.00	
	60	5300	17.81	19.00	17.42	19.00	20.63	22.00	
	64	5320	18.27	19.50	17.72	19.50	21.01	22.50	
802.11ax-HE40 MCS0	54	5270	19.27	20.00	19.13	20.00	22.21	23.00	100.00
	62	5310	16.14	18.00	15.78	17.00	18.97	20.50	
802.11ax-HE80 MCS0	58	5290	17.13	18.00	16.07	17.00	19.64	20.50	100.00
802.11ax-HE160 MCS0	50	5250	15.18	16.00	14.37	16.00	17.80	19.00	100.00

【5.5GHz WLAN_Full Power】

Mode	Channel	Frequency (MHz)	Ant MIMO(2)		Ant MIMO(3)		Ant MIMO		Duty Cycle %
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	
802.11a 6Mbps	100	5500	17.86	18.50	17.36	18.50	20.63	21.50	99.32
	116	5580	17.72	19.00	16.95	18.00	20.36	21.50	



	124	5620	17.75	19.00	17.06	18.00	20.43	21.50	
	132	5660	17.78	19.00	18.14	19.00	20.97	22.00	
	140	5700	17.79	18.50	17.46	18.50	20.64	21.50	
	144	5720	17.76	18.50	17.41	18.50	20.60	21.50	
802.11n-HT20 MCS0	100	5500	17.37	18.50	16.89	18.50	20.15	21.50	100.00
	116	5580	17.19	18.50	17.20	18.50	20.21	21.50	
	124	5620	17.26	18.50	17.19	18.50	20.24	21.50	
	132	5660	17.26	18.50	17.05	18.50	20.17	21.50	
	140	5700	17.30	18.50	16.96	18.50	20.14	21.50	
	144	5720	17.28	18.50	17.04	18.50	20.17	21.50	
802.11n-HT40 MCS0	102	5510	17.99	19.00	17.92	19.00	20.97	22.00	100.00
	110	5550	19.28	20.50	18.74	20.50	22.03	23.50	
	126	5630	19.45	20.50	19.18	20.50	22.33	23.50	
	134	5670	19.29	20.50	18.79	20.50	22.06	23.50	
	142	5710	19.43	20.50	19.08	20.50	22.27	23.50	
	144	5720	17.32	18.50	17.07	18.50	20.21	21.50	
802.11ac-VHT20 MCS0	100	5500	17.43	18.50	16.96	18.50	20.21	21.50	100.00
	116	5580	17.23	18.50	17.27	18.50	20.26	21.50	
	124	5620	17.33	18.50	17.23	18.50	20.29	21.50	
	132	5660	17.28	18.50	17.11	18.50	20.21	21.50	
	140	5700	17.37	18.50	17.02	18.50	20.21	21.50	
	144	5720	17.32	18.50	17.07	18.50	20.21	21.50	
802.11ac-VHT40 MCS0	102	5510	18.02	19.00	17.99	19.00	21.02	22.00	100.00
	110	5550	19.37	20.50	18.83	20.50	22.12	23.50	
	126	5630	19.54	20.50	19.23	20.50	22.40	23.50	
	134	5670	19.37	20.50	18.88	20.50	22.14	23.50	
	142	5710	19.51	20.50	19.14	20.50	22.34	23.50	
	144	5720	17.32	18.50	17.07	18.50	20.21	21.50	
802.11ac-VHT80 MCS0	106	5530	17.27	18.00	16.69	18.00	20.00	21.00	100.00
	122	5610	18.69	19.50	18.18	19.50	21.45	22.50	
	138	5690	19.18	20.00	18.77	20.00	21.99	23.00	
802.11ac-VHT160 MCS0	114	5570	15.96	17.00	15.62	17.00	18.80	20.00	100.00
802.11ax-HE20 MCS0	100	5500	17.77	19.00	17.48	19.00	20.64	22.00	100.00
	116	5580	17.71	19.00	17.63	19.00	20.68	22.00	
	124	5620	17.66	18.50	17.42	18.50	20.55	21.50	
	132	5660	17.66	18.50	17.23	18.50	20.46	21.50	
	140	5700	18.31	19.00	17.83	19.00	21.09	22.00	
	144	5720	17.75	18.50	17.28	18.50	20.53	21.50	
802.11ax-HE40 MCS0	102	5510	18.07	19.00	18.05	19.00	21.07	22.00	100.00
	110	5550	19.45	20.50	18.91	20.50	22.20	23.50	
	126	5630	19.61	20.50	19.28	20.50	22.46	23.50	
	134	5670	19.44	20.50	18.96	20.50	22.22	23.50	
	142	5710	19.56	20.50	19.22	20.50	22.40	23.50	
	144	5720	17.32	18.50	16.76	17.50	20.06	21.00	
802.11ax-HE80 MCS0	106	5530	17.32	18.50	16.76	17.50	20.06	21.00	100.00
	122	5610	18.77	20.00	18.24	19.00	21.52	22.50	
	138	5690	19.25	20.00	18.83	20.00	22.06	23.00	
802.11ax-HE160 MCS0	114	5570	16.03	17.00	15.68	17.00	18.87	20.00	100.00

【5.5GHz WLAN_Sensor on】

Mode	Channel	Frequency (MHz)	Ant MIMO(2)		Ant MIMO(3)		Ant MIMO		
			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	18.00	Not Required	18.00	Not Required	21.00	Not Required
	116	5580		18.00		18.00		21.00	
	124	5620		18.00		18.00		21.00	
	132	5660		18.00		18.00		21.00	
	140	5700		18.00		18.00		21.00	
	144	5720		18.00		18.00		21.00	
802.11n-HT20 MCS0	100	5500		18.00		18.00		21.00	
	116	5580		18.00		18.00		21.00	
	124	5620		18.00		18.00		21.00	
	132	5660		18.00		18.00		21.00	
	140	5700		18.00		18.00		21.00	
	144	5720		18.00		18.00		21.00	
802.11n-HT40 MCS0	102	5510		18.00		18.00		21.00	
	110	5550		18.00		18.00		21.00	
	126	5630		18.00		18.00		21.00	
	134	5670		18.00		18.00		21.00	
	142	5710		18.00		18.00		21.00	
	144	5720		18.00		18.00		21.00	
802.11ac-VHT20 MCS0	100	5500		18.00		18.00		21.00	
	116	5580		18.00		18.00		21.00	
	124	5620		18.00		18.00		21.00	
	132	5660		18.00		18.00		21.00	
	140	5700		18.00		18.00		21.00	
	144	5720		18.00		18.00		21.00	



802.11ac-VHT40 MCS0	144	5720		18.00		18.00		21.00	
	102	5510		18.00		18.00		21.00	
	110	5550		18.00		18.00		21.00	
	126	5630		18.00		18.00		21.00	
	134	5670		18.00		18.00		21.00	
	142	5710		18.00		18.00		21.00	
802.11ac-VHT80 MCS0	106	5530	17.27	18.00	16.69	18.00	20.00	21.00	100.00
	122	5610	17.28	18.00	16.71	18.00	20.01	21.00	
	138	5690	17.15	18.00	16.83	18.00	20.00	21.00	
802.11ac-VHT160 MCS0	114	5570	Not Required	17.00	Not Required	17.00	Not Required	20.00	Not Required
802.11ax-HE20 MCS0	100	5500		18.00		18.00		21.00	
	116	5580		18.00		18.00		21.00	
	124	5620		18.00		18.00		21.00	
	132	5660		18.00		18.00		21.00	
	140	5700		18.00		18.00		21.00	
	144	5720		18.00		18.00		21.00	
802.11ax-HE40 MCS0	102	5510		18.00		18.00		21.00	
	110	5550		18.00		18.00		21.00	
	126	5630		18.00		18.00		21.00	
	134	5670		18.00		18.00		21.00	
	142	5710		18.00		18.00		21.00	
802.11ax-HE80 MCS0	106	5530		18.00		18.00		21.00	
	122	5610		18.00		18.00		21.00	
	138	5690		18.00		18.00		21.00	
802.11ax-HE160 MCS0	114	5570		17.00		17.00		20.00	

【5.5GHz WLAN_Sensor off】

Mode	Channel	Frequency (MHz)	Ant MIMO(2)		Ant MIMO(3)		Ant MIMO		Duty Cycle %
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	
802.11a 6Mbps	100	5500	17.86	18.50	17.36	18.50	20.63	21.50	99.32
	116	5580	17.72	19.00	16.95	18.00	20.36	21.50	
	124	5620	17.75	19.00	17.06	18.00	20.43	21.50	
	132	5660	17.78	19.00	18.14	19.00	20.97	22.00	
	140	5700	17.79	18.50	17.46	18.50	20.64	21.50	
	144	5720	17.76	18.50	17.41	18.50	20.60	21.50	
802.11n-HT20 MCS0	100	5500	17.37	18.50	16.89	18.50	20.15	21.50	100.00
	116	5580	17.19	18.50	17.20	18.50	20.21	21.50	
	124	5620	17.26	18.50	17.19	18.50	20.24	21.50	
	132	5660	17.26	18.50	17.05	18.50	20.17	21.50	
	140	5700	17.30	18.50	16.96	18.50	20.14	21.50	
802.11n-HT40 MCS0	144	5720	17.28	18.50	17.04	18.50	20.17	21.50	
	102	5510	17.99	19.00	17.92	19.00	20.97	22.00	100.00
	110	5550	19.28	20.50	18.74	20.50	22.03	23.50	
	126	5630	19.45	20.50	19.18	20.50	22.33	23.50	
	134	5670	19.29	20.50	18.79	20.50	22.06	23.50	
	142	5710	19.43	20.50	19.08	20.50	22.27	23.50	
802.11ac-VHT20 MCS0	100	5500	17.43	18.50	16.96	18.50	20.21	21.50	100.00
	116	5580	17.23	18.50	17.27	18.50	20.26	21.50	
	124	5620	17.33	18.50	17.23	18.50	20.29	21.50	
	132	5660	17.28	18.50	17.11	18.50	20.21	21.50	
	140	5700	17.37	18.50	17.02	18.50	20.21	21.50	
802.11ac-VHT40 MCS0	144	5720	17.32	18.50	17.07	18.50	20.21	21.50	
	102	5510	18.02	19.00	17.99	19.00	21.02	22.00	100.00
	110	5550	19.37	20.50	18.83	20.50	22.12	23.50	
	126	5630	19.54	20.50	19.23	20.50	22.40	23.50	
	134	5670	19.37	20.50	18.88	20.50	22.14	23.50	
	142	5710	19.51	20.50	19.14	20.50	22.34	23.50	
802.11ac-VHT80 MCS0	106	5530	17.27	18.00	16.69	18.00	20.00	21.00	100.00
	122	5610	18.69	19.50	18.18	19.50	21.45	22.50	
	138	5690	19.18	20.00	18.77	20.00	21.99	23.00	
802.11ac-VHT160 MCS0	114	5570	15.96	17.00	15.62	17.00	18.80	20.00	100.00
802.11ax-HE20 MCS0	100	5500	17.77	19.00	17.48	19.00	20.64	22.00	100.00
	116	5580	17.71	19.00	17.63	19.00	20.68	22.00	
	124	5620	17.66	18.50	17.42	18.50	20.55	21.50	
	132	5660	17.66	18.50	17.23	18.50	20.46	21.50	
	140	5700	18.31	19.00	17.83	19.00	21.09	22.00	
802.11ax-HE40 MCS0	144	5720	17.75	18.50	17.28	18.50	20.53	21.50	
	102	5510	18.07	19.00	18.05	19.00	21.07	22.00	100.00
	110	5550	19.45	20.50	18.91	20.50	22.20	23.50	
	126	5630	19.61	20.50	19.28	20.50	22.46	23.50	
	134	5670	19.44	20.50	18.96	20.50	22.22	23.50	



802.11ax-HE80 MCS0	142	5710	19.56	20.50	19.22	20.50	22.40	23.50	100.00
	106	5530	17.32	18.50	16.76	17.50	20.06	21.00	
	122	5610	18.77	20.00	18.24	19.00	21.52	22.50	
	138	5690	19.25	20.00	18.83	20.00	22.06	23.00	
802.11ax-HE160 MCS0	114	5570	16.03	17.00	15.68	17.00	18.87	20.00	100.00

【5.8GHz WLAN_Full Power】

Mode	Channel	Frequency (MHz)	Ant MIMO(2)		Ant MIMO(3)		Ant MIMO		Duty Cycle %
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	
802.11a 6Mbps	149	5745	20.11	21.00	19.29	20.00	22.73	23.50	99.32
	157	5785	20.14	21.00	19.18	20.00	22.70	23.50	
	165	5825	20.08	21.00	19.10	20.00	22.63	23.50	
802.11n-HT20 MCS0	149	5745	18.64	19.50	18.21	19.50	21.44	22.50	100.00
	157	5785	18.79	19.50	18.14	19.50	21.49	22.50	
	165	5825	18.58	19.50	18.09	19.50	21.35	22.50	
802.11n-HT40 MCS0	151	5755	19.35	20.50	18.79	19.50	22.09	23.00	100.00
	159	5795	19.41	20.50	18.74	19.50	22.10	23.00	
802.11ac-VHT20 MCS0	149	5745	18.70	19.50	18.30	19.50	21.51	22.50	100.00
	157	5785	18.87	19.50	18.20	19.50	21.56	22.50	
	165	5825	18.66	19.50	18.17	19.50	21.43	22.50	
802.11ac-VHT40 MCS0	151	5755	19.40	20.50	18.87	19.50	22.15	23.00	100.00
	159	5795	19.48	20.50	18.83	19.50	22.18	23.00	
802.11ac-VHT80 MCS0	155	5775	19.18	20.00	18.63	20.00	21.92	23.00	100.00
802.11ax-HE20 MCS0	149	5745	18.78	19.50	18.36	19.50	21.59	22.50	100.00
	157	5785	18.94	19.50	18.28	19.50	21.63	22.50	
	165	5825	18.74	19.50	18.24	19.50	21.51	22.50	
802.11ax-HE40 MCS0	151	5755	19.47	20.50	18.93	19.50	22.22	23.00	100.00
	159	5795	19.54	20.50	18.92	19.50	22.25	23.00	
802.11ax-HE80 MCS0	155	5775	19.24	20.50	18.71	19.50	21.99	23.00	100.00

【5.8GHz WLAN_Sensor on】

Mode	Channel	Frequency (MHz)	Ant MIMO(2)		Ant MIMO(3)		Ant MIMO		Duty Cycle %
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	
802.11a 6Mbps	149	5745	Not Required	17.50	Not Required	17.50	Not Required	20.50	Not Required
	157	5785		17.50		17.50		20.50	
	165	5825		17.50		17.50		20.50	
802.11n-HT20 MCS0	149	5745		17.50		17.50		20.50	
	157	5785		17.50		17.50		20.50	
	165	5825		17.50		17.50		20.50	
802.11n-HT40 MCS0	151	5755		17.50		17.50		20.50	
	159	5795		17.50		17.50		20.50	
802.11ac-VHT20 MCS0	149	5745		17.50		17.50		20.50	
	157	5785		17.50		17.50		20.50	
802.11ac-VHT40 MCS0	151	5755		17.50		17.50		20.50	
	159	5795		17.50		17.50		20.50	
802.11ac-VHT80 MCS0	155	5775	16.64	17.50	16.18	17.50	19.43	20.50	100.00
802.11ax-HE20 MCS0	149	5745	Not Required	17.50	Not Required	17.50	Not Required	20.50	Not Required
	157	5785		17.50		17.50		20.50	
	165	5825		17.50		17.50		20.50	
802.11ax-HE40 MCS0	151	5755		17.50		17.50		20.50	
	159	5795		17.50		17.50		20.50	
802.11ax-HE80 MCS0	155	5775		17.50		17.50		20.50	

【5.8GHz WLAN_Sensor off】

Mode	Channel	Frequency (MHz)	Ant MIMO(2)		Ant MIMO(3)		Ant MIMO		Duty Cycle %
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	
802.11a 6Mbps	149	5745	20.11	21.00	19.29	20.00	22.73	23.50	99.32
	157	5785	20.14	21.00	19.18	20.00	22.70	23.50	
	165	5825	20.08	21.00	19.10	20.00	22.63	23.50	
802.11n-HT20 MCS0	149	5745	18.64	19.50	18.21	19.50	21.44	22.50	100.00
	157	5785	18.79	19.50	18.14	19.50	21.49	22.50	
	165	5825	18.58	19.50	18.09	19.50	21.35	22.50	
802.11n-HT40 MCS0	151	5755	19.35	20.50	18.79	19.50	22.09	23.00	100.00
	159	5795	19.41	20.50	18.74	19.50	22.10	23.00	



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802.11ac-VHT20 MCS0	149	5745	18.70	19.50	18.30	19.50	21.51	22.50	100.00
	157	5785	18.87	19.50	18.20	19.50	21.56	22.50	
	165	5825	18.66	19.50	18.17	19.50	21.43	22.50	
802.11ac-VHT40 MCS0	151	5755	19.40	20.50	18.87	19.50	22.15	23.00	100.00
	159	5795	19.48	20.50	18.83	19.50	22.18	23.00	
802.11ac-VHT80 MCS0	155	5775	19.18	20.00	18.63	20.00	21.92	23.00	100.00
802.11ax-HE20 MCS0	149	5745	18.78	19.50	18.36	19.50	21.59	22.50	100.00
	157	5785	18.94	19.50	18.28	19.50	21.63	22.50	
	165	5825	18.74	19.50	18.24	19.50	21.51	22.50	
802.11ax-HE40 MCS0	151	5755	19.47	20.50	18.93	19.50	22.22	23.00	100.00
	159	5795	19.54	20.50	18.92	19.50	22.25	23.00	
802.11ax-HE80 MCS0	155	5775	19.24	20.50	18.71	19.50	21.99	23.00	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	19.24	20.00	18.80	19.50	22.04	22.80	99.31
	2	5935	9.61	10.50	9.82	10.50	12.73	13.50	99.31
	57	6235	19.01	20.00	19.01	19.50	22.02	22.80	99.31
	173	6815	19.29	20.00	19.40	19.50	22.36	22.80	99.31
802.11ax-HE20 MCS0	1	5955	18.56	19.50	18.34	19.50	21.46	22.80	100.00
	2	5935	-8.51	-7.50	-7.07	-7.50	-4.72	-4.50	100.00
	57	6235	19.06	19.50	18.91	19.50	18.91	22.80	100.00
	173	6815	19.15	19.50	19.22	19.50	22.20	22.80	100.00
802.11ax-HE40 MCS0	3	5965	19.12	20.00	19.05	20.00	22.10	23.00	100.00
	59	6245	19.54	20.00	19.77	20.00	22.67	23.00	100.00
	171	6805	19.70	20.00	19.52	20.00	22.62	23.00	100.00
802.11ax-HE80 MCS0	7	5985	18.72	20.00	19.06	20.00	21.90	23.00	100.00
	71	6305	19.31	20.00	19.30	20.00	22.32	23.00	100.00
	167	6785	19.47	20.00	19.28	20.00	22.39	23.00	100.00
802.11ax-HE160 MCS0	15	6025	18.23	19.50	17.86	18.50	21.06	22.00	100.00
	47	6185	19.71	20.50	19.13	20.50	22.44	23.50	100.00
	143	6665	19.04	20.00	19.12	20.00	22.09	23.00	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	5.53	6.50	5.22	6.50	8.39	9.50	99.31
	2	5935	5.64	6.50	5.35	6.50	8.51	9.50	99.31
	57	6235	5.22	6.50	5.23	6.50	8.24	9.50	99.31
	113	6515	5.48	6.50	6.07	7.00	8.79	9.80	99.31
	173	6815	6.05	7.00	5.68	7.00	8.88	10.00	99.31
802.11ax-HE20 MCS0	233	7115	6.25	7.00	6.87	8.00	9.58	10.50	99.31
	1	5955	6.14	7.00	5.95	7.00	9.06	9.50	100.00
	2	5935	-8.51	-7.50	-7.07	-7.50	-4.72	-4.50	100.00
	57	6235	5.67	6.50	5.90	7.00	8.80	9.50	100.00
	113	6515	5.67	6.50	6.67	7.50	9.21	10.00	100.00
802.11ax-HE40 MCS0	173	6815	6.72	6.50	6.49	7.50	9.62	10.00	100.00
	233	7115	-7.91	-7.00	-8.02	-7.00	-4.95	-4.00	100.00
	3	5965	8.31	9.50	8.14	9.50	11.24	12.50	100.00
	59	6245	8.77	9.50	8.52	9.50	11.66	12.50	100.00
	107	6485	8.71	10.00	8.97	10.00	11.85	13.00	100.00
802.11ax-HE80 MCS0	171	6805	10.35	11.00	9.82	11.00	13.10	14.00	100.00
	227	7085	10.05	11.00	10.17	11.00	13.12	14.00	100.00
	7	5985	11.25	12.50	10.74	11.50	14.01	15.00	100.00
	71	6305	11.55	12.50	11.23	12.50	14.40	15.50	100.00
	119	6545	11.66	12.50	11.52	12.50	14.60	15.50	100.00
802.11ax-HE160 MCS0	167	6785	11.56	12.00	10.62	12.00	14.13	15.00	100.00
	215	7025	11.66	13.00	10.95	12.00	14.33	15.50	100.00
	15	6025	14.30	15.00	13.41	14.00	16.89	17.50	100.00
	47	6185	13.60	14.50	13.30	14.50	16.46	17.50	100.00
	111	6505	14.13	15.50	14.64	15.50	17.40	18.50	100.00
	143	6665	14.25	15.00	13.78	15.00	17.03	18.00	100.00
	207	6985	15.01	16.00	14.27	15.00	17.67	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	13.00	Not Required	12.00	Not Required	15.50	99.31
	2	5935		10.50		10.50		13.50	99.31
	57	6235		13.00		12.00		15.50	99.31
	173	6815		12.50		12.50		15.50	99.31
802.11ax-HE20 MCS0	1	5955		13.00		12.00		15.50	100.00
	2	5935		-7.50		-7.50		-4.50	100.00
	57	6235		13.00		12.00		15.50	100.00
	173	6815		12.50		12.50		15.50	100.00
802.11ax-HE40 MCS0	3	5965		13.00		12.00		15.50	100.00
	59	6245		13.00		12.00		15.50	100.00
	171	6805		12.50		12.50		15.50	100.00
	7	5985		13.00		12.00		15.50	100.00
802.11ax-HE80 MCS0	71	6305		13.00		12.00		15.50	100.00
	167	6785		12.50		12.50		15.50	100.00
802.11ax-HE160 MCS0	15	6025		12.15	13.00	11.11	12.00	14.67	100.00
	47	6185		12.06	13.00	11.23	12.00	14.68	100.00
	143	6665		11.23	12.50	15.58	12.50	14.42	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	6.50	Not Required	6.50	Not Required	9.50	99.31
	2	5935		6.50		6.50		9.50	99.31
	57	6235		6.50		6.50		9.50	99.31
	113	6515		6.50		7.00		9.80	99.31
	173	6815		7.00		7.00		10.00	99.31
	233	7115		7.00		8.00		10.50	99.31
802.11ax-HE20 MCS0	1	5955		7.00		7.00		9.50	100.00
	2	5935		-7.50		-7.50		-4.50	100.00
	57	6235		6.50		7.00		9.50	100.00
	113	6515		6.50		7.50		10.00	100.00
	173	6815		6.50		7.50		10.00	100.00
	233	7115		-7.00		-7.00		-4.00	100.00
802.11ax-HE40 MCS0	3	5965		9.50		9.50		12.50	100.00
	59	6245		9.50		9.50		12.50	100.00
	107	6485		10.00		10.00		13.00	100.00
	171	6805		11.00		11.00		14.00	100.00
	227	7085		11.00		11.00		14.00	100.00
	7	5985		12.50		11.50		15.00	100.00
802.11ax-HE80 MCS0	71	6305		12.50		12.50		15.50	100.00
	119	6545		12.50		12.50		15.50	100.00
	167	6785		12.00		12.00		15.00	100.00
	215	7025		13.00		12.00		15.50	100.00
802.11ax-HE160 MCS0	15	6025		12.15	13.00	11.11	12.00	14.67	100.00
	47	6185		12.06	13.00	11.23	12.00	14.68	100.00
	111	6505		11.23	12.50	11.58	12.50	14.42	100.00
	143	6665		11.78	12.50	11.43	12.50	14.62	100.00
	207	6985		13.52	14.50	12.75	13.50	16.16	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	19.24	20.00	18.80	19.50	22.04	22.80	99.31
	2	5935	9.61	10.50	9.82	10.50	12.73	13.50	99.31
	57	6235	19.01	20.00	19.01	19.50	22.02	22.80	99.31
	173	6815	19.29	20.00	19.40	19.50	22.36	22.80	99.31
802.11ax-HE20 MCS0	1	5955	18.56	19.50	18.34	19.50	21.46	22.80	100.00
	2	5935	-8.51	-7.50	-7.07	-7.50	-4.72	-4.50	100.00
	57	6235	19.06	19.50	18.91	19.50	18.91	22.80	100.00
	173	6815	19.15	19.50	19.22	19.50	22.20	22.80	100.00
802.11ax-HE40 MCS0	3	5965	19.12	20.00	19.05	20.00	22.10	23.00	100.00
	59	6245	19.54	20.00	19.77	20.00	22.67	23.00	100.00
	171	6805	19.70	20.00	19.52	20.00	22.62	23.00	100.00
802.11ax-HE80 MCS0	7	5985	18.72	20.00	19.06	20.00	21.90	23.00	100.00
	71	6305	19.31	20.00	19.30	20.00	22.32	23.00	100.00
	167	6785	19.47	20.00	19.28	20.00	22.39	23.00	100.00
802.11ax-HE160 MCS0	15	6025	18.23	19.50	17.86	18.50	21.06	22.00	100.00
	47	6185	19.71	20.50	19.13	20.50	22.44	23.50	100.00
	143	6665	19.04	20.00	19.12	20.00	22.09	23.00	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	5.53	6.50	5.22	6.50	8.39	9.50	99.31
	2	5935	5.64	6.50	5.35	6.50	8.51	9.50	99.31
	57	6235	5.22	6.50	5.23	6.50	8.24	9.50	99.31
	113	6515	5.48	6.50	6.07	7.00	8.79	9.80	99.31
	173	6815	6.05	7.00	5.68	7.00	8.88	10.00	99.31
	233	7115	6.25	7.00	6.87	8.00	9.58	10.50	99.31
802.11ax-HE20 MCS0	1	5955	6.14	7.00	5.95	7.00	9.06	9.50	100.00
	2	5935	-8.51	-7.50	-7.07	-7.50	-4.72	-4.50	100.00
	57	6235	5.67	6.50	5.90	7.00	8.80	9.50	100.00
	113	6515	5.67	6.50	6.67	7.50	9.21	10.00	100.00
	173	6815	6.72	6.50	6.49	7.50	9.62	10.00	100.00
	233	7115	-7.91	-7.00	-8.02	-7.00	-4.95	-4.00	100.00
802.11ax-HE40 MCS0	3	5965	8.31	9.50	8.14	9.50	11.24	12.50	100.00
	59	6245	8.77	9.50	8.52	9.50	11.66	12.50	100.00
	107	6485	8.71	10.00	8.97	10.00	11.85	13.00	100.00
	171	6805	10.35	11.00	9.82	11.00	13.10	14.00	100.00
	227	7085	10.05	11.00	10.17	11.00	13.12	14.00	100.00
802.11ax-HE80 MCS0	7	5985	11.25	12.50	10.74	11.50	14.01	15.00	100.00
	71	6305	11.55	12.50	11.23	12.50	14.40	15.50	100.00
	119	6545	11.66	12.50	11.52	12.50	14.60	15.50	100.00
	167	6785	11.56	12.00	10.62	12.00	14.13	15.00	100.00
	215	7025	11.66	13.00	10.95	12.00	14.33	15.50	100.00
802.11ax-HE160 MCS0	15	6025	14.30	15.00	13.41	14.00	16.89	17.50	100.00
	47	6185	13.60	14.50	13.30	14.50	16.46	17.50	100.00
	111	6505	14.13	15.50	14.64	15.50	17.40	18.50	100.00
	143	6665	14.25	15.00	13.78	15.00	17.03	18.00	100.00
	207	6985	15.01	16.00	14.27	15.00	17.67	18.50	100.00