



FCC SAR Test Report

Report No. : FA5O1022-01

3	256QAM	15	0	15.99	16.08	15.90	17.00
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	20.83	20.91	20.91	22.00
1.4	QPSK	1	3	20.81	20.85	20.82	22.00
1.4	QPSK	1	5	20.83	20.86	20.83	22.00
1.4	QPSK	3	0	21.89	21.96	21.87	22.00
1.4	QPSK	3	1	21.87	21.92	21.87	22.00
1.4	QPSK	3	3	21.85	21.86	21.74	22.00
1.4	QPSK	6	0	20.89	20.91	20.79	21.00
1.4	16QAM	1	0	20.80	20.75	20.79	21.00
1.4	16QAM	1	3	20.87	20.71	20.83	21.00
1.4	16QAM	1	5	20.78	20.88	20.83	21.00
1.4	16QAM	3	0	19.94	20.08	19.83	21.00
1.4	16QAM	3	1	19.96	20.08	19.67	21.00
1.4	16QAM	3	3	19.95	20.16	19.75	21.00
1.4	16QAM	6	0	18.82	19.15	18.84	20.00
1.4	64QAM	1	0	19.05	19.28	19.09	20.00
1.4	64QAM	1	3	19.07	19.25	18.98	20.00
1.4	64QAM	1	5	19.20	19.30	19.06	20.00
1.4	64QAM	3	0	18.96	19.14	18.85	20.00
1.4	64QAM	3	1	18.90	19.03	18.73	20.00
1.4	64QAM	3	3	18.95	19.12	18.93	20.00
1.4	64QAM	6	0	17.98	18.11	17.88	19.00
1.4	256QAM	1	0	16.14	16.25	16.01	17.00
1.4	256QAM	1	3	16.10	16.17	15.94	17.00
1.4	256QAM	1	5	16.12	16.26	16.03	17.00
1.4	256QAM	3	0	15.93	16.02	15.86	17.00
1.4	256QAM	3	1	15.87	15.99	15.84	17.00
1.4	256QAM	3	3	15.98	16.15	15.85	17.00
1.4	256QAM	6	0	15.98	16.15	15.90	17.00

【LTE Band 66_Ant 4_ECI 6-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	20.90	20.98	20.95	22.00
20	QPSK	1	49	20.77	20.78	20.78	22.00
20	QPSK	1	99	20.76	20.88	20.84	22.00
20	QPSK	50	0	20.83	20.90	20.84	22.00
20	QPSK	50	24	20.81	20.89	20.76	22.00
20	QPSK	50	50	20.77	20.80	20.75	22.00
20	QPSK	100	0	20.86	20.94	20.77	22.00
20	16QAM	1	0	20.80	20.75	20.76	22.00
20	16QAM	1	49	20.75	20.71	20.94	22.00
20	16QAM	1	99	20.78	20.87	20.84	22.00
20	16QAM	50	0	20.82	20.85	20.80	22.00
20	16QAM	50	24	20.81	20.78	20.86	22.00
20	16QAM	50	50	20.91	20.88	20.76	22.00
20	16QAM	100	0	20.89	20.81	20.86	22.00
20	64QAM	1	0	20.74	20.85	20.77	22.00
20	64QAM	1	49	20.89	20.76	20.84	22.00
20	64QAM	1	99	20.87	20.93	20.79	22.00
20	64QAM	50	0	19.86	19.92	19.90	21.00
20	64QAM	50	24	19.83	19.91	20.04	21.00
20	64QAM	50	50	19.84	19.91	19.87	21.00
20	64QAM	100	0	19.92	19.85	19.93	21.00
20	256QAM	1	0	17.87	17.89	17.88	19.00
20	256QAM	1	49	17.89	17.96	17.88	19.00
20	256QAM	1	99	17.88	17.84	17.98	19.00
20	256QAM	50	0	17.88	17.84	17.90	19.00
20	256QAM	50	24	17.86	17.93	17.98	19.00
20	256QAM	50	50	17.91	17.95	18.02	19.00
20	256QAM	100	0	18.00	17.98	17.83	19.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	20.88	20.92	20.80	22.00
15	QPSK	1	37	20.71	20.71	20.75	22.00
15	QPSK	1	74	20.70	20.77	20.76	22.00
15	QPSK	36	0	20.80	20.85	20.80	22.00
15	QPSK	36	20	20.79	20.80	20.65	22.00



FCC SAR Test Report

Report No. : FA5O1022-01

15	QPSK	36	39	20.66	20.71	20.67	22.00
15	QPSK	75	0	20.82	20.88	20.62	22.00
15	16QAM	1	0	20.67	20.65	20.64	22.00
15	16QAM	1	37	20.65	20.66	20.83	22.00
15	16QAM	1	74	20.76	20.85	20.74	22.00
15	16QAM	36	0	20.71	20.81	20.69	22.00
15	16QAM	36	20	20.75	20.69	20.72	22.00
15	16QAM	36	39	20.84	20.86	20.75	22.00
15	16QAM	75	0	20.79	20.69	20.79	22.00
15	64QAM	1	0	20.68	20.76	20.73	22.00
15	64QAM	1	37	20.76	20.73	20.83	22.00
15	64QAM	1	74	20.78	20.81	20.76	22.00
15	64QAM	36	0	19.72	19.80	19.78	21.00
15	64QAM	36	20	19.69	19.89	19.89	21.00
15	64QAM	36	39	19.74	19.85	19.84	21.00
15	64QAM	75	0	19.91	19.81	19.79	21.00
15	256QAM	1	0	17.85	17.75	17.81	19.00
15	256QAM	1	37	17.76	17.88	17.82	19.00
15	256QAM	1	74	17.85	17.76	17.90	19.00
15	256QAM	36	0	17.77	17.77	17.85	19.00
15	256QAM	36	20	17.80	17.90	17.89	19.00
15	256QAM	36	39	17.81	17.91	17.89	19.00
15	256QAM	75	0	17.93	17.90	17.74	19.00
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	20.81	20.88	20.84	22.00
10	QPSK	1	25	20.74	20.74	20.65	22.00
10	QPSK	1	49	20.67	20.78	20.74	22.00
10	QPSK	25	0	20.80	20.89	20.78	22.00
10	QPSK	25	12	20.71	20.83	20.66	22.00
10	QPSK	25	25	20.64	20.77	20.64	22.00
10	QPSK	50	0	20.83	20.86	20.63	22.00
10	16QAM	1	0	20.78	20.69	20.70	22.00
10	16QAM	1	25	20.65	20.61	20.87	22.00
10	16QAM	1	49	20.63	20.84	20.76	22.00
10	16QAM	25	0	20.78	20.79	20.77	22.00
10	16QAM	25	12	20.79	20.68	20.79	22.00
10	16QAM	25	25	20.82	20.75	20.66	22.00
10	16QAM	50	0	20.82	20.74	20.74	22.00
10	64QAM	1	0	20.67	20.82	20.74	22.00
10	64QAM	1	25	20.75	20.71	20.74	22.00
10	64QAM	1	49	20.82	20.88	20.74	22.00
10	64QAM	25	0	19.72	19.82	19.84	21.00
10	64QAM	25	12	19.80	19.77	19.99	21.00
10	64QAM	25	25	19.79	19.80	19.75	21.00
10	64QAM	50	0	19.82	19.78	19.87	21.00
10	256QAM	1	0	17.78	17.76	17.80	19.00
10	256QAM	1	25	17.83	17.87	17.86	19.00
10	256QAM	1	49	17.81	17.80	17.91	19.00
10	256QAM	25	0	17.86	17.83	17.86	19.00
10	256QAM	25	12	17.85	17.82	17.88	19.00
10	256QAM	25	25	17.88	17.89	17.89	19.00
10	256QAM	50	0	17.90	17.86	17.82	19.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	20.88	20.83	20.88	22.00
5	QPSK	1	12	20.70	20.64	20.76	22.00
5	QPSK	1	24	20.66	20.77	20.78	22.00
5	QPSK	12	0	20.68	20.82	20.73	22.00
5	QPSK	12	7	20.80	20.86	20.62	22.00
5	QPSK	12	13	20.68	20.72	20.60	22.00
5	QPSK	25	0	20.75	20.86	20.67	22.00
5	16QAM	1	0	20.76	20.66	20.62	22.00
5	16QAM	1	12	20.62	20.68	20.87	22.00
5	16QAM	1	24	20.64	20.78	20.74	22.00
5	16QAM	12	0	20.73	20.77	20.67	22.00
5	16QAM	12	7	20.76	20.69	20.74	22.00
5	16QAM	12	13	20.86	20.85	20.67	22.00
5	16QAM	25	0	20.81	20.74	20.76	22.00
5	64QAM	1	0	20.64	20.82	20.69	22.00
5	64QAM	1	12	20.79	20.68	20.80	22.00
5	64QAM	1	24	20.79	20.81	20.68	22.00
5	64QAM	12	0	19.80	19.91	19.87	21.00
5	64QAM	12	7	19.73	19.90	19.95	21.00
5	64QAM	12	13	19.80	19.86	19.76	21.00
5	64QAM	25	0	19.88	19.79	19.85	21.00
5	256QAM	1	0	17.84	17.76	17.86	19.00
5	256QAM	1	12	17.82	17.88	17.74	19.00



FCC SAR Test Report

Report No. : FA5O1022-01

5	256QAM	1	24	17.80	17.70	17.89	19.00
5	256QAM	12	0	17.77	17.74	17.75	19.00
5	256QAM	12	7	17.81	17.88	17.94	19.00
5	256QAM	12	13	17.85	17.82	17.94	19.00
5	256QAM	25	0	17.89	17.95	17.72	19.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	20.81	20.89	20.89	22.00
3	QPSK	1	8	20.68	20.65	20.73	22.00
3	QPSK	1	14	20.72	20.76	20.81	22.00
3	QPSK	8	0	20.75	20.83	20.82	22.00
3	QPSK	8	4	20.75	20.81	20.67	22.00
3	QPSK	8	7	20.73	20.79	20.61	22.00
3	QPSK	15	0	20.84	20.88	20.75	22.00
3	16QAM	1	0	20.72	20.71	20.72	22.00
3	16QAM	1	8	20.61	20.67	20.92	22.00
3	16QAM	1	14	20.69	20.85	20.74	22.00
3	16QAM	8	0	20.76	20.75	20.76	22.00
3	16QAM	8	4	20.78	20.75	20.72	22.00
3	16QAM	8	7	20.76	20.86	20.73	22.00
3	16QAM	15	0	20.82	20.68	20.82	22.00
3	64QAM	1	0	20.61	20.76	20.74	22.00
3	64QAM	1	8	20.77	20.65	20.78	22.00
3	64QAM	1	14	20.77	20.83	20.67	22.00
3	64QAM	8	0	19.75	19.80	19.89	21.00
3	64QAM	8	4	19.81	19.79	19.95	21.00
3	64QAM	8	7	19.77	19.88	19.84	21.00
3	64QAM	15	0	19.84	19.74	19.88	21.00
3	256QAM	1	0	17.85	17.82	17.84	19.00
3	256QAM	1	8	17.79	17.83	17.73	19.00
3	256QAM	1	14	17.76	17.79	17.96	19.00
3	256QAM	8	0	17.85	17.79	17.86	19.00
3	256QAM	8	4	17.78	17.89	17.95	19.00
3	256QAM	8	7	17.77	17.84	17.89	19.00
3	256QAM	15	0	17.96	17.86	17.70	19.00
Channel				131979	132322	132665	Tune-up limit
Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	20.79	20.86	20.85	22.00
1.4	QPSK	1	3	20.69	20.72	20.70	22.00
1.4	QPSK	1	5	20.75	20.82	20.83	22.00
1.4	QPSK	3	0	20.70	20.76	20.69	22.00
1.4	QPSK	3	1	20.73	20.80	20.63	22.00
1.4	QPSK	3	3	20.67	20.77	20.63	22.00
1.4	QPSK	6	0	20.75	20.84	20.73	22.00
1.4	16QAM	1	0	20.67	20.67	20.67	22.00
1.4	16QAM	1	3	20.63	20.68	20.91	22.00
1.4	16QAM	1	5	20.67	20.82	20.75	22.00
1.4	16QAM	3	0	20.71	20.77	20.75	22.00
1.4	16QAM	3	1	20.74	20.63	20.84	22.00
1.4	16QAM	3	3	20.88	20.84	20.67	22.00
1.4	16QAM	6	0	20.77	20.76	20.77	22.00
1.4	64QAM	1	0	20.66	20.72	20.65	22.00
1.4	64QAM	1	3	20.82	20.66	20.73	22.00
1.4	64QAM	1	5	20.79	20.82	20.69	22.00
1.4	64QAM	3	0	20.80	20.89	20.79	22.00
1.4	64QAM	3	1	20.69	20.81	20.90	22.00
1.4	64QAM	3	3	20.81	20.87	20.77	22.00
1.4	64QAM	6	0	19.77	19.74	19.85	21.00
1.4	256QAM	1	0	17.72	17.74	17.86	19.00
1.4	256QAM	1	3	17.80	17.89	17.85	19.00
1.4	256QAM	1	5	17.77	17.82	17.89	19.00
1.4	256QAM	3	0	17.76	17.79	17.76	19.00
1.4	256QAM	3	1	17.79	17.86	17.83	19.00
1.4	256QAM	3	3	17.82	17.85	17.95	19.00
1.4	256QAM	6	0	17.89	17.87	17.78	19.00



【LTE Band 66_Ant 4_ECI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	15.99	16.02	15.95	16.70
20	QPSK	1	49	15.90	15.82	15.91	16.70
20	QPSK	1	99	15.89	15.88	15.90	16.70
20	QPSK	50	0	15.90	15.96	15.93	16.70
20	QPSK	50	24	15.88	15.83	15.90	16.70
20	QPSK	50	50	15.82	15.85	15.88	16.70
20	QPSK	100	0	15.85	15.88	15.86	16.70
20	16QAM	1	0	15.93	15.83	15.93	16.70
20	16QAM	1	49	15.87	15.87	15.88	16.70
20	16QAM	1	99	15.89	15.82	15.83	16.70
20	16QAM	50	0	15.88	15.91	15.84	16.70
20	16QAM	50	24	15.88	15.85	15.81	16.70
20	16QAM	50	50	15.91	15.92	15.89	16.70
20	16QAM	100	0	15.89	15.90	15.87	16.70
20	64QAM	1	0	15.88	15.82	15.85	16.70
20	64QAM	1	49	15.89	15.91	15.84	16.70
20	64QAM	1	99	15.85	15.91	15.90	16.70
20	64QAM	50	0	15.92	15.92	15.83	16.70
20	64QAM	50	24	15.88	15.84	15.82	16.70
20	64QAM	50	50	15.87	15.92	15.88	16.70
20	64QAM	100	0	15.82	15.91	15.82	16.70
20	256QAM	1	0	15.84	15.88	15.84	16.70
20	256QAM	1	49	15.89	15.89	15.85	16.70
20	256QAM	1	99	15.85	15.84	15.83	16.70
20	256QAM	50	0	15.88	15.89	15.90	16.70
20	256QAM	50	24	15.90	15.84	15.84	16.70
20	256QAM	50	50	15.88	15.83	15.88	16.70
20	256QAM	100	0	15.89	15.90	15.87	16.70
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	15.97	15.91	15.84	16.70
15	QPSK	1	37	15.79	15.71	15.84	16.70
15	QPSK	1	74	15.81	15.84	15.80	16.70
15	QPSK	36	0	15.89	15.88	15.86	16.70
15	QPSK	36	20	15.73	15.75	15.80	16.70
15	QPSK	36	39	15.70	15.71	15.77	16.70
15	QPSK	75	0	15.71	15.79	15.77	16.70
15	16QAM	1	0	15.91	15.70	15.87	16.70
15	16QAM	1	37	15.75	15.81	15.77	16.70
15	16QAM	1	74	15.85	15.71	15.71	16.70
15	16QAM	36	0	15.85	15.87	15.80	16.70
15	16QAM	36	20	15.84	15.80	15.77	16.70
15	16QAM	36	39	15.77	15.89	15.80	16.70
15	16QAM	75	0	15.75	15.79	15.83	16.70
15	64QAM	1	0	15.78	15.78	15.70	16.70
15	64QAM	1	37	15.80	15.83	15.79	16.70
15	64QAM	1	74	15.82	15.89	15.82	16.70
15	64QAM	36	0	15.79	15.82	15.76	16.70
15	64QAM	36	20	15.76	15.82	15.73	16.70
15	64QAM	36	39	15.73	15.87	15.78	16.70
15	64QAM	75	0	15.78	15.81	15.69	16.70
15	256QAM	1	0	15.80	15.75	15.74	16.70
15	256QAM	1	37	15.86	15.81	15.81	16.70
15	256QAM	1	74	15.75	15.72	15.77	16.70
15	256QAM	36	0	15.75	15.77	15.76	16.70
15	256QAM	36	20	15.85	15.71	15.74	16.70
15	256QAM	36	39	15.81	15.75	15.78	16.70
15	256QAM	75	0	15.87	15.76	15.79	16.70
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	15.90	15.89	15.83	16.70
10	QPSK	1	25	15.79	15.79	15.86	16.70
10	QPSK	1	49	15.82	15.81	15.82	16.70
10	QPSK	25	0	15.81	15.87	15.84	16.70
10	QPSK	25	12	15.78	15.75	15.79	16.70
10	QPSK	25	25	15.67	15.83	15.79	16.70
10	QPSK	50	0	15.79	15.83	15.75	16.70
10	16QAM	1	0	15.81	15.78	15.88	16.70
10	16QAM	1	25	15.82	15.78	15.86	16.70



FCC SAR Test Report

Report No. : FA5O1022-01

10	16QAM	1	49	15.80	15.67	15.77	16.70
10	16QAM	25	0	15.79	15.78	15.74	16.70
10	16QAM	25	12	15.87	15.79	15.79	16.70
10	16QAM	25	25	15.89	15.82	15.83	16.70
10	16QAM	50	0	15.78	15.79	15.80	16.70
10	64QAM	1	0	15.84	15.71	15.82	16.70
10	64QAM	1	25	15.83	15.76	15.76	16.70
10	64QAM	1	49	15.75	15.82	15.83	16.70
10	64QAM	25	0	15.78	15.83	15.81	16.70
10	64QAM	25	12	15.85	15.69	15.72	16.70
10	64QAM	25	25	15.76	15.79	15.82	16.70
10	64QAM	50	0	15.73	15.82	15.69	16.70
10	256QAM	1	0	15.74	15.77	15.70	16.70
10	256QAM	1	25	15.83	15.80	15.76	16.70
10	256QAM	1	49	15.73	15.75	15.75	16.70
10	256QAM	25	0	15.77	15.86	15.80	16.70
10	256QAM	25	12	15.81	15.81	15.74	16.70
10	256QAM	25	25	15.77	15.74	15.74	16.70
10	256QAM	50	0	15.77	15.78	15.77	16.70
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	15.94	15.99	15.83	16.70
5	QPSK	1	12	15.87	15.78	15.87	16.70
5	QPSK	1	24	15.83	15.74	15.78	16.70
5	QPSK	12	0	15.78	15.84	15.87	16.70
5	QPSK	12	7	15.74	15.72	15.87	16.70
5	QPSK	12	13	15.69	15.72	15.84	16.70
5	QPSK	25	0	15.79	15.76	15.79	16.70
5	16QAM	1	0	15.80	15.80	15.91	16.70
5	16QAM	1	12	15.80	15.85	15.82	16.70
5	16QAM	1	24	15.86	15.69	15.71	16.70
5	16QAM	12	0	15.77	15.83	15.72	16.70
5	16QAM	12	7	15.75	15.81	15.80	16.70
5	16QAM	12	13	15.87	15.79	15.85	16.70
5	16QAM	25	0	15.77	15.88	15.78	16.70
5	64QAM	1	0	15.79	15.76	15.81	16.70
5	64QAM	1	12	15.86	15.78	15.70	16.70
5	64QAM	1	24	15.78	15.78	15.79	16.70
5	64QAM	12	0	15.89	15.84	15.72	16.70
5	64QAM	12	7	15.80	15.78	15.67	16.70
5	64QAM	12	13	15.78	15.87	15.80	16.70
5	64QAM	25	0	15.77	15.80	15.74	16.70
5	256QAM	1	0	15.78	15.80	15.73	16.70
5	256QAM	1	12	15.88	15.76	15.81	16.70
5	256QAM	1	24	15.78	15.75	15.82	16.70
5	256QAM	12	0	15.81	15.87	15.81	16.70
5	256QAM	12	7	15.75	15.81	15.83	16.70
5	256QAM	12	13	15.81	15.79	15.79	16.70
5	256QAM	25	0	15.83	15.85	15.74	16.70
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	15.85	15.91	15.81	16.70
3	QPSK	1	8	15.86	15.79	15.85	16.70
3	QPSK	1	14	15.74	15.78	15.85	16.70
3	QPSK	8	0	15.81	15.82	15.89	16.70
3	QPSK	8	4	15.75	15.68	15.86	16.70
3	QPSK	8	7	15.68	15.79	15.84	16.70
3	QPSK	15	0	15.80	15.76	15.78	16.70
3	16QAM	1	0	15.79	15.80	15.87	16.70
3	16QAM	1	8	15.76	15.74	15.75	16.70
3	16QAM	1	14	15.81	15.75	15.77	16.70
3	16QAM	8	0	15.73	15.79	15.78	16.70
3	16QAM	8	4	15.74	15.74	15.70	16.70
3	16QAM	8	7	15.80	15.78	15.81	16.70
3	16QAM	15	0	15.78	15.87	15.79	16.70
3	64QAM	1	0	15.86	15.69	15.83	16.70
3	64QAM	1	8	15.77	15.82	15.69	16.70
3	64QAM	1	14	15.77	15.80	15.87	16.70
3	64QAM	8	0	15.82	15.88	15.80	16.70
3	64QAM	8	4	15.81	15.81	15.76	16.70
3	64QAM	8	7	15.74	15.78	15.75	16.70
3	64QAM	15	0	15.71	15.85	15.68	16.70
3	256QAM	1	0	15.76	15.79	15.83	16.70
3	256QAM	1	8	15.88	15.84	15.80	16.70
3	256QAM	1	14	15.73	15.76	15.70	16.70
3	256QAM	8	0	15.79	15.75	15.88	16.70
3	256QAM	8	4	15.83	15.76	15.71	16.70
3	256QAM	8	7	15.87	15.75	15.82	16.70



FCC SAR Test Report

Report No. : FA5O1022-01

3	256QAM	15	0	15.85	15.86	15.74	16.70
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	15.87	15.88	15.88	16.70
1.4	QPSK	1	3	15.83	15.69	15.84	16.70
1.4	QPSK	1	5	15.85	15.85	15.75	16.70
1.4	QPSK	3	0	15.88	15.93	15.84	16.70
1.4	QPSK	3	1	15.84	15.78	15.88	16.70
1.4	QPSK	3	3	15.70	15.75	15.76	16.70
1.4	QPSK	6	0	15.81	15.78	15.73	16.70
1.4	16QAM	1	0	15.92	15.79	15.91	16.70
1.4	16QAM	1	3	15.79	15.82	15.84	16.70
1.4	16QAM	1	5	15.75	15.73	15.82	16.70
1.4	16QAM	3	0	15.81	15.82	15.75	16.70
1.4	16QAM	3	1	15.73	15.71	15.68	16.70
1.4	16QAM	3	3	15.79	15.87	15.78	16.70
1.4	16QAM	6	0	15.81	15.79	15.73	16.70
1.4	64QAM	1	0	15.77	15.74	15.71	16.70
1.4	64QAM	1	3	15.82	15.85	15.83	16.70
1.4	64QAM	1	5	15.76	15.81	15.76	16.70
1.4	64QAM	3	0	15.88	15.87	15.79	16.70
1.4	64QAM	3	1	15.74	15.70	15.69	16.70
1.4	64QAM	3	3	15.84	15.85	15.80	16.70
1.4	64QAM	6	0	15.74	15.78	15.71	16.70
1.4	256QAM	1	0	15.70	15.83	15.74	16.70
1.4	256QAM	1	3	15.75	15.82	15.73	16.70
1.4	256QAM	1	5	15.76	15.78	15.72	16.70
1.4	256QAM	3	0	15.75	15.79	15.85	16.70
1.4	256QAM	3	1	15.78	15.72	15.81	16.70
1.4	256QAM	3	3	15.81	15.80	15.75	16.70
1.4	256QAM	6	0	15.87	15.75	15.84	16.70

【LTE Band 66_Ant 4_ECI 7-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	15.86	15.99	15.84	16.70
20	QPSK	1	49	15.85	15.74	15.87	16.70
20	QPSK	1	99	15.83	15.76	15.82	16.70
20	QPSK	50	0	15.80	15.93	15.89	16.70
20	QPSK	50	24	15.78	15.77	15.75	16.70
20	QPSK	50	50	15.79	15.79	15.84	16.70
20	QPSK	100	0	15.70	15.81	15.83	16.70
20	16QAM	1	0	15.82	15.78	15.80	16.70
20	16QAM	1	49	15.83	15.74	15.74	16.70
20	16QAM	1	99	15.77	15.78	15.75	16.70
20	16QAM	50	0	15.84	15.78	15.78	16.70
20	16QAM	50	24	15.75	15.82	15.68	16.70
20	16QAM	50	50	15.81	15.86	15.82	16.70
20	16QAM	100	0	15.75	15.85	15.73	16.70
20	64QAM	1	0	15.75	15.77	15.71	16.70
20	64QAM	1	49	15.84	15.84	15.77	16.70
20	64QAM	1	99	15.75	15.86	15.79	16.70
20	64QAM	50	0	15.86	15.88	15.72	16.70
20	64QAM	50	24	15.81	15.78	15.73	16.70
20	64QAM	50	50	15.74	15.88	15.78	16.70
20	64QAM	100	0	15.71	15.85	15.69	16.70
20	256QAM	1	0	15.76	15.79	15.75	16.70
20	256QAM	1	49	15.86	15.83	15.76	16.70
20	256QAM	1	99	15.76	15.70	15.68	16.70
20	256QAM	50	0	15.78	15.78	15.81	16.70
20	256QAM	50	24	15.82	15.76	15.77	16.70
20	256QAM	50	50	15.77	15.78	15.78	16.70
20	256QAM	100	0	15.77	15.78	15.82	16.70
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	15.82	15.96	15.73	16.70
15	QPSK	1	37	15.82	15.66	15.81	16.70
15	QPSK	1	74	15.75	15.71	15.71	16.70
15	QPSK	36	0	15.66	15.78	15.77	16.70
15	QPSK	36	20	15.65	15.68	15.61	16.70



FCC SAR Test Report

Report No. : FA5O1022-01

15	QPSK	36	39	15.73	15.72	15.74	16.70
15	QPSK	75	0	15.63	15.68	15.81	16.70
15	16QAM	1	0	15.69	15.68	15.66	16.70
15	16QAM	1	37	15.81	15.73	15.66	16.70
15	16QAM	1	74	15.64	15.70	15.67	16.70
15	16QAM	36	0	15.80	15.67	15.73	16.70
15	16QAM	36	20	15.69	15.75	15.59	16.70
15	16QAM	36	39	15.67	15.79	15.78	16.70
15	16QAM	75	0	15.64	15.77	15.67	16.70
15	64QAM	1	0	15.62	15.64	15.68	16.70
15	64QAM	1	37	15.76	15.77	15.68	16.70
15	64QAM	1	74	15.65	15.82	15.68	16.70
15	64QAM	36	0	15.81	15.80	15.67	16.70
15	64QAM	36	20	15.66	15.65	15.70	16.70
15	64QAM	36	39	15.69	15.77	15.76	16.70
15	64QAM	75	0	15.69	15.71	15.60	16.70
15	256QAM	1	0	15.71	15.67	15.72	16.70
15	256QAM	1	37	15.73	15.76	15.66	16.70
15	256QAM	1	74	15.73	15.61	15.60	16.70
15	256QAM	36	0	15.73	15.67	15.70	16.70
15	256QAM	36	20	15.78	15.66	15.70	16.70
15	256QAM	36	39	15.63	15.64	15.67	16.70
15	256QAM	75	0	15.67	15.72	15.81	16.70
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	15.83	15.90	15.79	16.70
10	QPSK	1	25	15.77	15.66	15.73	16.70
10	QPSK	1	49	15.70	15.72	15.68	16.70
10	QPSK	25	0	15.73	15.87	15.83	16.70
10	QPSK	25	12	15.67	15.71	15.71	16.70
10	QPSK	25	25	15.69	15.69	15.72	16.70
10	QPSK	50	0	15.68	15.77	15.76	16.70
10	16QAM	1	0	15.80	15.70	15.75	16.70
10	16QAM	1	25	15.79	15.73	15.69	16.70
10	16QAM	1	49	15.65	15.75	15.62	16.70
10	16QAM	25	0	15.79	15.65	15.69	16.70
10	16QAM	25	12	15.70	15.77	15.63	16.70
10	16QAM	25	25	15.76	15.80	15.76	16.70
10	16QAM	50	0	15.62	15.71	15.68	16.70
10	64QAM	1	0	15.68	15.72	15.67	16.70
10	64QAM	1	25	15.74	15.83	15.70	16.70
10	64QAM	1	49	15.60	15.77	15.70	16.70
10	64QAM	25	0	15.72	15.76	15.59	16.70
10	64QAM	25	12	15.80	15.76	15.66	16.70
10	64QAM	25	25	15.70	15.73	15.71	16.70
10	64QAM	50	0	15.64	15.82	15.62	16.70
10	256QAM	1	0	15.70	15.74	15.69	16.70
10	256QAM	1	25	15.72	15.79	15.65	16.70
10	256QAM	1	49	15.74	15.57	15.59	16.70
10	256QAM	25	0	15.72	15.70	15.66	16.70
10	256QAM	25	12	15.76	15.66	15.66	16.70
10	256QAM	25	25	15.64	15.65	15.75	16.70
10	256QAM	50	0	15.68	15.67	15.72	16.70
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	15.75	15.96	15.71	16.70
5	QPSK	1	12	15.82	15.67	15.85	16.70
5	QPSK	1	24	15.73	15.64	15.69	16.70
5	QPSK	12	0	15.68	15.79	15.81	16.70
5	QPSK	12	7	15.71	15.72	15.71	16.70
5	QPSK	12	13	15.73	15.66	15.74	16.70
5	QPSK	25	0	15.65	15.76	15.80	16.70
5	16QAM	1	0	15.75	15.68	15.65	16.70
5	16QAM	1	12	15.80	15.59	15.68	16.70
5	16QAM	1	24	15.69	15.67	15.69	16.70
5	16QAM	12	0	15.75	15.65	15.70	16.70
5	16QAM	12	7	15.73	15.71	15.65	16.70
5	16QAM	12	13	15.71	15.74	15.77	16.70
5	16QAM	25	0	15.72	15.70	15.60	16.70
5	64QAM	1	0	15.67	15.68	15.63	16.70
5	64QAM	1	12	15.83	15.77	15.69	16.70
5	64QAM	1	24	15.70	15.73	15.65	16.70
5	64QAM	12	0	15.72	15.79	15.58	16.70
5	64QAM	12	7	15.77	15.66	15.67	16.70
5	64QAM	12	13	15.72	15.80	15.76	16.70
5	64QAM	25	0	15.57	15.81	15.55	16.70
5	256QAM	1	0	15.66	15.66	15.69	16.70
5	256QAM	1	12	15.76	15.76	15.63	16.70



FCC SAR Test Report

Report No. : FA5O1022-01

5	256QAM	1	24	15.74	15.68	15.63	16.70
5	256QAM	12	0	15.66	15.72	15.79	16.70
5	256QAM	12	7	15.79	15.65	15.71	16.70
5	256QAM	12	13	15.75	15.71	15.67	16.70
5	256QAM	25	0	15.76	15.64	15.76	16.70
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	15.78	15.91	15.80	16.70
3	QPSK	1	8	15.74	15.65	15.75	16.70
3	QPSK	1	14	15.81	15.64	15.74	16.70
3	QPSK	8	0	15.70	15.89	15.85	16.70
3	QPSK	8	4	15.64	15.65	15.64	16.70
3	QPSK	8	7	15.72	15.72	15.75	16.70
3	QPSK	15	0	15.56	15.71	15.80	16.70
3	16QAM	1	0	15.79	15.71	15.68	16.70
3	16QAM	1	8	15.80	15.63	15.63	16.70
3	16QAM	1	14	15.62	15.65	15.73	16.70
3	16QAM	8	0	15.70	15.69	15.76	16.70
3	16QAM	8	4	15.64	15.80	15.63	16.70
3	16QAM	8	7	15.71	15.75	15.80	16.70
3	16QAM	15	0	15.67	15.75	15.60	16.70
3	64QAM	1	0	15.61	15.63	15.59	16.70
3	64QAM	1	8	15.72	15.73	15.68	16.70
3	64QAM	1	14	15.72	15.73	15.70	16.70
3	64QAM	8	0	15.84	15.81	15.66	16.70
3	64QAM	8	4	15.75	15.71	15.67	16.70
3	64QAM	8	7	15.69	15.81	15.75	16.70
3	64QAM	15	0	15.60	15.73	15.57	16.70
3	256QAM	1	0	15.75	15.73	15.68	16.70
3	256QAM	1	8	15.75	15.79	15.74	16.70
3	256QAM	1	14	15.67	15.56	15.59	16.70
3	256QAM	8	0	15.71	15.75	15.71	16.70
3	256QAM	8	4	15.73	15.65	15.62	16.70
3	256QAM	8	7	15.75	15.64	15.67	16.70
3	256QAM	15	0	15.76	15.68	15.71	16.70
Channel				131979	132322	132665	Tune-up limit
Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	15.84	15.94	15.71	16.70
1.4	QPSK	1	3	15.71	15.67	15.84	16.70
1.4	QPSK	1	5	15.80	15.64	15.77	16.70
1.4	QPSK	3	0	15.73	15.79	15.87	16.70
1.4	QPSK	3	1	15.76	15.66	15.70	16.70
1.4	QPSK	3	3	15.76	15.65	15.80	16.70
1.4	QPSK	6	0	15.65	15.76	15.79	16.70
1.4	16QAM	1	0	15.68	15.68	15.72	16.70
1.4	16QAM	1	3	15.73	15.59	15.69	16.70
1.4	16QAM	1	5	15.66	15.67	15.67	16.70
1.4	16QAM	3	0	15.71	15.75	15.75	16.70
1.4	16QAM	3	1	15.67	15.74	15.62	16.70
1.4	16QAM	3	3	15.78	15.77	15.70	16.70
1.4	16QAM	6	0	15.64	15.80	15.64	16.70
1.4	64QAM	1	0	15.65	15.63	15.56	16.70
1.4	64QAM	1	3	15.82	15.77	15.75	16.70
1.4	64QAM	1	5	15.72	15.81	15.69	16.70
1.4	64QAM	3	0	15.74	15.87	15.61	16.70
1.4	64QAM	3	1	15.67	15.67	15.64	16.70
1.4	64QAM	3	3	15.70	15.82	15.68	16.70
1.4	64QAM	6	0	15.59	15.71	15.57	16.70
1.4	256QAM	1	0	15.67	15.77	15.63	16.70
1.4	256QAM	1	3	15.84	15.71	15.61	16.70
1.4	256QAM	1	5	15.68	15.68	15.65	16.70
1.4	256QAM	3	0	15.69	15.72	15.79	16.70
1.4	256QAM	3	1	15.78	15.61	15.75	16.70
1.4	256QAM	3	3	15.69	15.70	15.64	16.70
1.4	256QAM	6	0	15.73	15.65	15.78	16.70

<5G NR Conducted Power>
【FR1 n2_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				374000	376000	378000	Tune-up limit (dBm)
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	22.70	22.73	22.71	24.00
40	PI/2 BPSK	1	108	22.68	22.72	22.70	24.00
40	PI/2 BPSK	1	214	22.30	22.44	22.34	24.00
40	PI/2 BPSK	108	0	22.02	22.21	22.00	23.50
40	PI/2 BPSK	108	54	22.62	22.75	22.76	24.00
40	PI/2 BPSK	108	108	22.13	22.27	22.07	23.50
40	PI/2 BPSK	216	0	21.92	22.14	21.96	23.50
40	QPSK	1	1	22.48	22.63	22.57	24.00
40	QPSK	1	108	22.66	22.76	22.68	24.00
40	QPSK	1	214	22.32	22.45	22.44	24.00
40	QPSK	108	0	21.66	21.89	21.75	23.00
40	QPSK	108	54	22.65	22.73	22.63	24.00
40	QPSK	108	108	21.75	21.93	21.72	23.00
40	QPSK	216	0	21.74	21.89	21.78	23.00
40	16QAM	1	1	21.68	21.81	21.68	23.00
40	64QAM	1	1	20.01	20.22	20.11	21.50
40	256QAM	1	1	18.19	18.31	18.17	19.50
Channel				373500	376000	378500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	22.51	22.57	22.54	24.00
Channel				373000	376000	379000	Tune-up limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	22.56	22.54	22.52	24.00
Channel				372500	376000	379500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	22.48	22.51	22.63	24.00
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	22.58	22.54	22.65	24.00
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	22.48	22.59	22.51	24.00
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	22.52	22.47	22.57	24.00
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	22.58	22.54	22.58	24.00

【FR1 n2_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				374000	376000	378000	Tune-up limit (dBm)
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	23.26	23.28	23.22	24.00
40	PI/2 BPSK	1	108	23.08	23.22	23.13	24.00
40	PI/2 BPSK	1	214	23.16	23.23	23.15	24.00
40	PI/2 BPSK	108	0	22.75	22.79	22.79	23.50
40	PI/2 BPSK	108	54	23.13	23.24	23.18	24.00
40	PI/2 BPSK	108	108	22.68	22.85	22.72	23.50
40	PI/2 BPSK	216	0	22.74	22.80	22.70	23.50
40	QPSK	1	1	23.18	23.19	23.14	24.00
40	QPSK	1	108	23.08	23.22	23.20	24.00
40	QPSK	1	214	23.08	23.20	23.11	24.00
40	QPSK	108	0	22.28	22.35	22.20	23.00
40	QPSK	108	54	23.08	23.22	23.20	24.00
40	QPSK	108	108	22.27	22.27	22.28	23.00
40	QPSK	216	0	22.18	22.34	22.28	23.00
40	16QAM	1	1	22.24	22.36	22.26	23.00
40	64QAM	1	1	20.73	20.83	20.80	21.50
40	256QAM	1	1	18.78	18.87	18.79	19.50
Channel				373500	376000	378500	Tune-up limit

Frequency (MHz)				1867.5	1880	1892.5	(dBm)
35	PI/2 BPSK	1	1	23.16	23.19	23.17	24.00
Channel				373000	376000	379000	Tune-up limit (dBm)
Frequency (MHz)				1865	1880	1895	(dBm)
30	PI/2 BPSK	1	1	23.20	23.26	23.12	24.00
Channel				372500	376000	379500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	(dBm)
25	PI/2 BPSK	1	1	23.22	23.19	23.14	24.00
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	(dBm)
20	PI/2 BPSK	1	1	23.14	23.14	23.17	24.00
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	(dBm)
15	PI/2 BPSK	1	1	23.13	23.20	23.11	24.00
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	(dBm)
10	PI/2 BPSK	1	1	23.25	23.17	23.19	24.00
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	PI/2 BPSK	1	1	23.24	23.26	23.19	24.00

【FR1 n2_Ant 0_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	22.61	22.73	22.66	24.00
40	PI/2 BPSK	1	108	22.68	22.72	22.70	24.00
40	PI/2 BPSK	1	214	22.30	22.44	22.34	24.00
40	PI/2 BPSK	108	0	22.02	22.21	22.00	23.50
40	PI/2 BPSK	108	54	22.62	22.75	22.76	24.00
40	PI/2 BPSK	108	108	22.13	22.27	22.07	23.50
40	PI/2 BPSK	216	0	21.92	22.14	21.96	23.50
40	QPSK	1	1	22.48	22.63	22.57	24.00
40	QPSK	1	108	22.66	22.76	22.68	24.00
40	QPSK	1	214	22.32	22.45	22.44	24.00
40	QPSK	108	0	21.66	21.89	21.75	23.00
40	QPSK	108	54	22.65	22.73	22.63	24.00
40	QPSK	108	108	21.75	21.93	21.72	23.00
40	QPSK	216	0	21.74	21.89	21.78	23.00
40	16QAM	1	1	21.68	21.81	21.68	23.00
40	64QAM	1	1	20.01	20.22	20.11	21.50
40	256QAM	1	1	18.19	18.31	18.17	19.50
Channel				373500	376000	378500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	(dBm)
35	PI/2 BPSK	1	1	22.51	22.57	22.54	24.00
Channel				373000	376000	379000	Tune-up limit (dBm)
Frequency (MHz)				1865	1880	1895	(dBm)
30	PI/2 BPSK	1	1	22.56	22.54	22.52	24.00
Channel				372500	376000	379500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	(dBm)
25	PI/2 BPSK	1	1	22.48	22.51	22.63	24.00
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	(dBm)
20	PI/2 BPSK	1	1	22.58	22.54	22.65	24.00
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	(dBm)
15	PI/2 BPSK	1	1	22.48	22.59	22.51	24.00
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	(dBm)
10	PI/2 BPSK	1	1	22.52	22.47	22.57	24.00
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	PI/2 BPSK	1	1	22.58	22.54	22.58	24.00



【FR1 n2_Ant 0_ECI 2-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	22.57	22.79	22.60	24.00
40	PI/2 BPSK	1	108	22.54	22.59	22.61	24.00
40	PI/2 BPSK	1	214	22.57	22.65	22.58	24.00
40	PI/2 BPSK	108	0	22.49	22.63	22.54	24.00
40	PI/2 BPSK	108	54	22.55	22.71	22.60	24.00
40	PI/2 BPSK	108	108	22.54	22.68	22.56	24.00
40	PI/2 BPSK	216	0	22.50	22.63	22.56	24.00
40	QPSK	1	1	22.57	22.68	22.54	24.00
40	QPSK	1	108	22.47	22.65	22.62	24.00
40	QPSK	1	214	22.49	22.64	22.60	24.00
40	QPSK	108	0	22.50	22.59	22.59	24.00
40	QPSK	108	54	22.46	22.63	22.53	24.00
40	QPSK	108	108	22.48	22.64	22.57	24.00
40	QPSK	216	0	22.47	22.60	22.60	24.00
40	16QAM	1	1	22.58	22.69	22.58	24.00
40	64QAM	1	1	21.07	21.20	21.15	22.50
40	256QAM	1	1	19.05	19.06	19.10	20.50
Channel				373500	376000	378500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	22.53	22.72	22.45	24.00
Channel				373000	376000	379000	Tune-up limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	22.50	22.68	22.46	24.00
Channel				372500	376000	379500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	22.54	22.70	22.52	24.00
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	22.53	22.77	22.53	24.00
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	22.48	22.72	22.54	24.00
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	22.56	22.71	22.45	24.00
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	22.44	22.72	22.56	24.00

【FR1 n2_Ant 0_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	16.19	16.31	16.27	17.50
40	PI/2 BPSK	1	108	16.19	16.23	16.17	17.50
40	PI/2 BPSK	1	214	16.25	16.26	16.20	17.50
40	PI/2 BPSK	108	0	16.17	16.25	16.18	17.50
40	PI/2 BPSK	108	54	16.21	16.30	16.19	17.50
40	PI/2 BPSK	108	108	16.21	16.18	16.23	17.50
40	PI/2 BPSK	216	0	16.20	16.24	16.21	17.50
40	QPSK	1	1	16.19	16.19	16.18	17.50
40	QPSK	1	108	16.21	16.18	16.21	17.50
40	QPSK	1	214	16.16	16.15	16.24	17.50
40	QPSK	108	0	16.24	16.20	16.18	17.50
40	QPSK	108	54	16.22	16.23	16.18	17.50
40	QPSK	108	108	16.19	16.21	16.20	17.50
40	QPSK	216	0	16.19	16.25	16.21	17.50
40	16QAM	1	1	16.15	16.24	16.22	17.50
40	64QAM	1	1	16.27	16.18	16.24	17.50
40	256QAM	1	1	16.22	16.23	16.16	17.50
Channel				373500	376000	378500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	16.15	16.27	16.26	17.50
Channel				373000	376000	379000	Tune-up limit



Frequency (MHz)				1865	1880	1895	(dBm)
30	PI/2 BPSK	1	1	16.11	16.23	16.15	17.50
Channel				372500	376000	379500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	(dBm)
25	PI/2 BPSK	1	1	16.16	16.30	16.25	17.50
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	(dBm)
20	PI/2 BPSK	1	1	16.12	16.18	16.14	17.50
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	(dBm)
15	PI/2 BPSK	1	1	16.05	16.28	16.15	17.50
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	(dBm)
10	PI/2 BPSK	1	1	16.07	16.18	16.24	17.50
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	PI/2 BPSK	1	1	16.17	16.18	16.21	17.50

【FR1 n2_Ant 0_ECI 3-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376000	378000	Tune-up limit (dBm)
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	16.14	16.25	16.22	17.50
40	PI/2 BPSK	1	108	16.11	16.09	16.05	17.50
40	PI/2 BPSK	1	214	16.20	16.23	16.10	17.50
40	PI/2 BPSK	108	0	16.03	16.19	16.13	17.50
40	PI/2 BPSK	108	54	16.19	16.20	16.18	17.50
40	PI/2 BPSK	108	108	16.17	16.09	16.02	17.50
40	PI/2 BPSK	216	0	16.12	16.17	16.15	17.50
40	QPSK	1	1	16.08	16.10	16.03	17.50
40	QPSK	1	108	16.08	16.11	16.15	17.50
40	QPSK	1	214	16.07	16.10	16.13	17.50
40	QPSK	108	0	16.15	16.14	16.08	17.50
40	QPSK	108	54	16.14	16.10	16.12	17.50
40	QPSK	108	108	16.08	16.08	16.11	17.50
40	QPSK	216	0	16.05	16.16	16.07	17.50
40	16QAM	1	1	16.06	16.17	16.17	17.50
40	64QAM	1	1	16.13	16.11	16.13	17.50
40	256QAM	1	1	16.14	16.18	16.03	17.50
Channel				373500	376000	378500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	(dBm)
35	PI/2 BPSK	1	1	16.00	16.12	16.09	17.50
Channel				373000	376000	379000	Tune-up limit (dBm)
Frequency (MHz)				1865	1880	1895	(dBm)
30	PI/2 BPSK	1	1	16.09	16.22	16.20	17.50
Channel				372500	376000	379500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	(dBm)
25	PI/2 BPSK	1	1	16.09	16.13	16.17	17.50
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	(dBm)
20	PI/2 BPSK	1	1	16.07	16.22	16.08	17.50
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	(dBm)
15	PI/2 BPSK	1	1	16.03	16.19	16.15	17.50
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	(dBm)
10	PI/2 BPSK	1	1	16.05	16.18	16.17	17.50
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	PI/2 BPSK	1	1	16.10	16.21	16.16	17.50

【FR1 n2_Ant 0_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	22.61	22.73	22.66	24.00
40	PI/2 BPSK	1	108	22.68	22.72	22.70	24.00
40	PI/2 BPSK	1	214	22.30	22.44	22.34	24.00
40	PI/2 BPSK	108	0	22.02	22.21	22.00	23.50
40	PI/2 BPSK	108	54	22.62	22.75	22.76	24.00
40	PI/2 BPSK	108	108	22.13	22.27	22.07	23.50
40	PI/2 BPSK	216	0	21.92	22.14	21.96	23.50
40	QPSK	1	1	22.48	22.63	22.57	24.00
40	QPSK	1	108	22.66	22.76	22.68	24.00
40	QPSK	1	214	22.32	22.45	22.44	24.00
40	QPSK	108	0	21.66	21.89	21.75	23.00
40	QPSK	108	54	22.65	22.73	22.63	24.00
40	QPSK	108	108	21.75	21.93	21.72	23.00
40	QPSK	216	0	21.74	21.89	21.78	23.00
40	16QAM	1	1	21.68	21.81	21.68	23.00
40	64QAM	1	1	20.01	20.22	20.11	21.50
40	256QAM	1	1	18.19	18.31	18.17	19.50
Channel				373500	376000	378500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	22.51	22.57	22.54	24.00
Channel				373000	376000	379000	Tune-up limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	22.56	22.54	22.52	24.00
Channel				372500	376000	379500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	22.48	22.51	22.63	24.00
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	22.58	22.54	22.65	24.00
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	22.48	22.59	22.51	24.00
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	22.52	22.47	22.57	24.00
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	22.58	22.54	22.58	24.00

【FR1 n2_Ant 0_ECI 4-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	23.26	23.28	23.22	25.00
40	PI/2 BPSK	1	108	23.08	23.22	23.13	25.00
40	PI/2 BPSK	1	214	23.16	23.23	23.15	25.00
40	PI/2 BPSK	108	0	22.75	22.79	22.79	24.50
40	PI/2 BPSK	108	54	23.13	23.24	23.18	25.00
40	PI/2 BPSK	108	108	22.68	22.85	22.72	24.50
40	PI/2 BPSK	216	0	22.74	22.80	22.70	24.50
40	QPSK	1	1	23.18	23.19	23.14	25.00
40	QPSK	1	108	23.08	23.22	23.20	25.00
40	QPSK	1	214	23.08	23.20	23.11	25.00
40	QPSK	108	0	22.28	22.35	22.20	24.00
40	QPSK	108	54	23.08	23.22	23.20	25.00
40	QPSK	108	108	22.27	22.27	22.28	24.00
40	QPSK	216	0	22.18	22.34	22.28	24.00
40	16QAM	1	1	22.24	22.36	22.26	24.00
40	64QAM	1	1	20.73	20.83	20.80	22.50
40	256QAM	1	1	18.78	18.87	18.79	20.50
Channel				373500	376000	378500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	23.16	23.19	23.17	25.00
Channel				373000	376000	379000	Tune-up limit



Frequency (MHz)				1865	1880	1895	(dBm)
30	PI/2 BPSK	1	1	23.20	23.26	23.12	25.00
Channel				372500	376000	379500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	(dBm)
25	PI/2 BPSK	1	1	23.22	23.19	23.14	25.00
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	(dBm)
20	PI/2 BPSK	1	1	23.14	23.14	23.17	25.00
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	(dBm)
15	PI/2 BPSK	1	1	23.13	23.20	23.11	25.00
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	(dBm)
10	PI/2 BPSK	1	1	23.25	23.17	23.19	25.00
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	PI/2 BPSK	1	1	23.24	23.26	23.19	25.00

【FR1 n2_Ant 0_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376000	378000	Tune-up limit (dBm)
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	20.21	20.29	20.25	21.70
40	PI/2 BPSK	1	108	20.21	20.19	20.17	21.70
40	PI/2 BPSK	1	214	20.20	20.20	20.21	21.70
40	PI/2 BPSK	108	0	20.25	20.23	20.24	21.70
40	PI/2 BPSK	108	54	20.22	20.24	20.21	21.70
40	PI/2 BPSK	108	108	20.21	20.22	20.23	21.70
40	PI/2 BPSK	216	0	20.23	20.26	20.15	21.70
40	QPSK	1	1	20.21	20.24	20.19	21.70
40	QPSK	1	108	20.24	20.23	20.23	21.70
40	QPSK	1	214	20.15	20.22	20.26	21.70
40	QPSK	108	0	20.16	20.19	20.26	21.70
40	QPSK	108	54	20.21	20.20	20.20	21.70
40	QPSK	108	108	20.26	20.20	20.15	21.70
40	QPSK	216	0	20.25	20.22	20.16	21.70
40	16QAM	1	1	20.25	20.26	20.25	21.70
40	64QAM	1	1	20.17	20.21	20.15	21.70
40	256QAM	1	1	18.29	18.31	18.24	19.70
Channel				373500	376000	378500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	20.13	20.27	20.12	21.70
Channel				373000	376000	379000	Tune-up limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	20.12	20.20	20.22	21.70
Channel				372500	376000	379500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	20.08	20.15	20.20	21.70
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	20.15	20.23	20.15	21.70
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	20.07	20.25	20.13	21.70
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	20.15	20.20	20.24	21.70
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	20.14	20.20	20.18	21.70

**【FR1 n2_Ant 0_ECI 6-1】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	20.27	20.32	20.22	21.70
40	PI/2 BPSK	1	108	20.18	20.15	20.15	21.70
40	PI/2 BPSK	1	214	20.12	20.13	20.17	21.70
40	PI/2 BPSK	108	0	20.20	20.20	20.11	21.70
40	PI/2 BPSK	108	54	20.24	20.26	20.17	21.70
40	PI/2 BPSK	108	108	20.23	20.13	20.08	21.70
40	PI/2 BPSK	216	0	20.22	20.25	20.13	21.70
40	QPSK	1	1	20.24	20.22	20.13	21.70
40	QPSK	1	108	20.14	20.15	20.17	21.70
40	QPSK	1	214	20.14	20.18	20.10	21.70
40	QPSK	108	0	20.15	20.15	20.17	21.70
40	QPSK	108	54	20.12	20.19	20.07	21.70
40	QPSK	108	108	20.23	20.19	20.15	21.70
40	QPSK	216	0	20.18	20.15	20.16	21.70
40	16QAM	1	1	20.12	20.22	20.11	21.70
40	64QAM	1	1	20.18	20.20	20.07	21.70
40	256QAM	1	1	18.79	18.74	18.77	20.20
Channel				373500	376000	378500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	20.18	20.20	20.13	21.70
Channel				373000	376000	379000	Tune-up limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	20.13	20.19	20.12	21.70
Channel				372500	376000	379500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	20.19	20.14	20.10	21.70
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	20.24	20.17	20.09	21.70
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	20.13	20.16	20.12	21.70
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	20.14	20.12	20.16	21.70
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	20.14	20.18	20.14	21.70

【FR1 n2_Ant 0_ECI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	16.19	16.31	16.27	17.10
40	PI/2 BPSK	1	108	16.19	16.23	16.17	17.10
40	PI/2 BPSK	1	214	16.25	16.26	16.20	17.10
40	PI/2 BPSK	108	0	16.17	16.25	16.18	17.10
40	PI/2 BPSK	108	54	16.21	16.30	16.19	17.10
40	PI/2 BPSK	108	108	16.21	16.18	16.23	17.10
40	PI/2 BPSK	216	0	16.20	16.24	16.21	17.10
40	QPSK	1	1	16.19	16.19	16.18	17.10
40	QPSK	1	108	16.21	16.18	16.21	17.10
40	QPSK	1	214	16.16	16.15	16.24	17.10
40	QPSK	108	0	16.24	16.20	16.18	17.10
40	QPSK	108	54	16.22	16.23	16.18	17.10
40	QPSK	108	108	16.19	16.21	16.20	17.10
40	QPSK	216	0	16.19	16.25	16.21	17.10
40	16QAM	1	1	16.15	16.24	16.22	17.10
40	64QAM	1	1	16.27	16.18	16.24	17.10
40	256QAM	1	1	16.22	16.23	16.16	17.10
Channel				373500	376000	378500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	16.15	16.27	16.26	17.10
Channel				373000	376000	379000	Tune-up limit

Frequency (MHz)				1865	1880	1895	(dBm)
30	PI/2 BPSK	1	1	16.11	16.23	16.15	17.10
Channel				372500	376000	379500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	(dBm)
25	PI/2 BPSK	1	1	16.16	16.30	16.25	17.10
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	(dBm)
20	PI/2 BPSK	1	1	16.12	16.18	16.14	17.10
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	(dBm)
15	PI/2 BPSK	1	1	16.05	16.28	16.15	17.10
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	(dBm)
10	PI/2 BPSK	1	1	16.07	16.18	16.24	17.10
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	PI/2 BPSK	1	1	16.17	16.18	16.21	17.10

【FR1 n2_Ant 0_ECI 7-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376000	378000	Tune-up limit (dBm)
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	16.14	16.25	16.22	17.10
40	PI/2 BPSK	1	108	16.11	16.09	16.05	17.10
40	PI/2 BPSK	1	214	16.20	16.23	16.10	17.10
40	PI/2 BPSK	108	0	16.03	16.19	16.13	17.10
40	PI/2 BPSK	108	54	16.19	16.20	16.18	17.10
40	PI/2 BPSK	108	108	16.17	16.09	16.02	17.10
40	PI/2 BPSK	216	0	16.12	16.17	16.15	17.10
40	QPSK	1	1	16.08	16.10	16.03	17.10
40	QPSK	1	108	16.08	16.11	16.15	17.10
40	QPSK	1	214	16.07	16.10	16.13	17.10
40	QPSK	108	0	16.15	16.14	16.08	17.10
40	QPSK	108	54	16.14	16.10	16.12	17.10
40	QPSK	108	108	16.08	16.08	16.11	17.10
40	QPSK	216	0	16.05	16.16	16.07	17.10
40	16QAM	1	1	16.06	16.17	16.17	17.10
40	64QAM	1	1	16.13	16.11	16.13	17.10
40	256QAM	1	1	16.14	16.18	16.03	17.10
Channel				373500	376000	378500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	(dBm)
35	PI/2 BPSK	1	1	16.00	16.12	16.09	17.10
Channel				373000	376000	379000	Tune-up limit (dBm)
Frequency (MHz)				1865	1880	1895	(dBm)
30	PI/2 BPSK	1	1	16.09	16.22	16.20	17.10
Channel				372500	376000	379500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	(dBm)
25	PI/2 BPSK	1	1	16.09	16.13	16.17	17.10
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	(dBm)
20	PI/2 BPSK	1	1	16.07	16.22	16.08	17.10
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	(dBm)
15	PI/2 BPSK	1	1	16.03	16.19	16.15	17.10
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	(dBm)
10	PI/2 BPSK	1	1	16.05	16.18	16.17	17.10
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	PI/2 BPSK	1	1	16.10	16.21	16.16	17.10



【FR1 n2_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				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	21.06	21.12	21.10	22.00
40	PI/2 BPSK	1	108	21.04	21.02	21.03	22.00
40	PI/2 BPSK	1	214	20.57	20.67	20.63	22.00
40	PI/2 BPSK	108	0	20.60	20.66	20.64	21.50
40	PI/2 BPSK	108	54	20.97	20.99	20.94	22.00
40	PI/2 BPSK	108	108	20.55	20.65	20.63	21.50
40	PI/2 BPSK	216	0	20.58	20.61	20.60	21.50
40	QPSK	1	1	20.97	20.94	20.95	22.00
40	QPSK	1	108	21.03	21.04	21.04	22.00
40	QPSK	1	214	20.68	20.72	20.64	22.00
40	QPSK	108	0	20.11	20.15	20.11	21.00
40	QPSK	108	54	20.93	21.01	20.99	22.00
40	QPSK	108	108	20.11	20.18	20.13	21.00
40	QPSK	216	0	19.93	20.04	19.93	21.00
40	16QAM	1	1	20.01	20.11	20.01	21.00
40	64QAM	1	1	18.70	18.77	18.70	19.50
40	256QAM	1	1	16.66	16.67	16.55	17.50
Channel				373500	376000	378500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	20.96	20.84	20.86	22.00
Channel				373000	376000	379000	Tune-up limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	20.93	20.87	20.89	22.00
Channel				372500	376000	379500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	20.87	20.84	20.87	22.00
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	20.90	20.86	20.89	22.00
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	20.97	20.89	20.96	22.00
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	20.87	20.82	20.91	22.00
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	20.97	20.92	20.93	22.00

【FR1 n2_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				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	23.20	23.25	23.12	24.00
40	PI/2 BPSK	1	108	23.07	23.23	23.07	24.00
40	PI/2 BPSK	1	214	23.07	23.20	22.99	24.00
40	PI/2 BPSK	108	0	22.69	22.72	22.67	23.50
40	PI/2 BPSK	108	54	23.13	23.19	22.99	24.00
40	PI/2 BPSK	108	108	22.73	22.84	22.60	23.50
40	PI/2 BPSK	216	0	22.76	22.80	22.68	23.50
40	QPSK	1	1	23.13	23.15	23.07	24.00
40	QPSK	1	108	23.08	23.15	23.01	24.00
40	QPSK	1	214	23.14	23.22	23.10	24.00
40	QPSK	108	0	22.15	22.23	22.12	23.00
40	QPSK	108	54	23.16	23.18	23.01	24.00
40	QPSK	108	108	22.16	22.24	22.14	23.00
40	QPSK	216	0	22.24	22.22	22.16	23.00
40	16QAM	1	1	22.26	22.30	22.18	23.00
40	64QAM	1	1	20.67	20.81	20.69	21.50
40	256QAM	1	1	18.70	18.74	18.70	19.50
Channel				373500	376000	378500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	23.18	23.17	22.99	24.00
Channel				373000	376000	379000	Tune-up limit

Frequency (MHz)				1865	1880	1895	(dBm)
30	PI/2 BPSK	1	1	23.10	23.22	23.04	24.00
Channel				372500	376000	379500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	(dBm)
25	PI/2 BPSK	1	1	23.07	23.15	23.03	24.00
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	(dBm)
20	PI/2 BPSK	1	1	23.08	23.22	22.99	24.00
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	(dBm)
15	PI/2 BPSK	1	1	23.14	23.12	23.02	24.00
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	(dBm)
10	PI/2 BPSK	1	1	23.11	23.22	23.07	24.00
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	PI/2 BPSK	1	1	23.15	23.13	23.02	24.00

【FR1 n2_Ant 4_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376000	378000	Tune-up limit (dBm)
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	18.48	18.64	18.55	19.70
40	PI/2 BPSK	1	108	18.41	18.57	18.52	19.70
40	PI/2 BPSK	1	214	18.46	18.57	18.48	19.70
40	PI/2 BPSK	108	0	18.45	18.53	18.43	19.70
40	PI/2 BPSK	108	54	18.52	18.59	18.44	19.70
40	PI/2 BPSK	108	108	18.51	18.54	18.43	19.70
40	PI/2 BPSK	216	0	18.43	18.54	18.44	19.70
40	QPSK	1	1	18.41	18.48	18.48	19.70
40	QPSK	1	108	18.42	18.56	18.52	19.70
40	QPSK	1	214	18.41	18.54	18.54	19.70
40	QPSK	108	0	18.43	18.51	18.43	19.70
40	QPSK	108	54	18.52	18.47	18.54	19.70
40	QPSK	108	108	18.46	18.45	18.47	19.70
40	QPSK	216	0	18.46	18.48	18.53	19.70
40	16QAM	1	1	18.51	18.54	18.45	19.70
40	64QAM	1	1	18.41	18.49	18.46	19.50
40	256QAM	1	1	16.58	16.65	16.60	17.50
Channel				373500	376000	378500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	(dBm)
35	PI/2 BPSK	1	1	18.33	18.57	18.38	19.70
Channel				373000	376000	379000	Tune-up limit (dBm)
Frequency (MHz)				1865	1880	1895	(dBm)
30	PI/2 BPSK	1	1	18.31	18.52	18.40	19.70
Channel				372500	376000	379500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	(dBm)
25	PI/2 BPSK	1	1	18.32	18.59	18.42	19.70
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	(dBm)
20	PI/2 BPSK	1	1	18.39	18.58	18.39	19.70
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	(dBm)
15	PI/2 BPSK	1	1	18.37	18.62	18.33	19.70
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	(dBm)
10	PI/2 BPSK	1	1	18.40	18.60	18.43	19.70
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	PI/2 BPSK	1	1	18.30	18.54	18.40	19.70



【FR1 n2_Ant 4_ECI 2-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	18.44	18.60	18.43	19.70
40	PI/2 BPSK	1	108	18.33	18.50	18.46	19.70
40	PI/2 BPSK	1	214	18.31	18.52	18.35	19.70
40	PI/2 BPSK	108	0	18.40	18.56	18.36	19.70
40	PI/2 BPSK	108	54	18.42	18.59	18.30	19.70
40	PI/2 BPSK	108	108	18.40	18.39	18.31	19.70
40	PI/2 BPSK	216	0	18.37	18.48	18.32	19.70
40	QPSK	1	1	18.35	18.34	18.36	19.70
40	QPSK	1	108	18.35	18.53	18.39	19.70
40	QPSK	1	214	18.31	18.44	18.44	19.70
40	QPSK	108	0	18.29	18.37	18.30	19.70
40	QPSK	108	54	18.39	18.42	18.45	19.70
40	QPSK	108	108	18.37	18.41	18.42	19.70
40	QPSK	216	0	18.33	18.38	18.47	19.70
40	16QAM	1	1	18.42	18.51	18.37	19.70
40	64QAM	1	1	18.34	18.45	18.37	19.70
40	256QAM	1	1	18.25	18.21	18.19	19.50
Channel				373500	376000	378500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	18.33	18.46	18.29	19.70
Channel				373000	376000	379000	Tune-up limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	18.33	18.52	18.42	19.70
Channel				372500	376000	379500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	18.32	18.55	18.39	19.70
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	18.43	18.53	18.40	19.70
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	18.34	18.47	18.29	19.70
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	18.41	18.56	18.29	19.70
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	18.39	18.46	18.35	19.70

【FR1 n2_Ant 4_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	19.57	19.62	19.58	21.00
40	PI/2 BPSK	1	108	19.49	19.55	19.52	21.00
40	PI/2 BPSK	1	214	19.42	19.53	19.54	21.00
40	PI/2 BPSK	108	0	19.43	19.57	19.54	21.00
40	PI/2 BPSK	108	54	19.53	19.60	19.58	21.00
40	PI/2 BPSK	108	108	19.46	19.46	19.48	21.00
40	PI/2 BPSK	216	0	19.51	19.53	19.46	21.00
40	QPSK	1	1	19.49	19.52	19.51	21.00
40	QPSK	1	108	19.51	19.47	19.46	21.00
40	QPSK	1	214	19.51	19.53	19.52	21.00
40	QPSK	108	0	19.46	19.55	19.45	21.00
40	QPSK	108	54	19.42	19.53	19.48	21.00
40	QPSK	108	108	19.40	19.55	19.45	21.00
40	QPSK	216	0	19.40	19.50	19.44	21.00
40	16QAM	1	1	19.40	19.54	19.48	21.00
40	64QAM	1	1	18.46	18.51	18.44	20.00
40	256QAM	1	1	16.53	16.68	16.60	18.00
Channel				373500	376000	378500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	19.35	19.53	19.43	21.00
Channel				373000	376000	379000	Tune-up limit



Frequency (MHz)				1865	1880	1895	(dBm)
30	PI/2 BPSK	1	1	19.32	19.50	19.36	21.00
Channel				372500	376000	379500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	(dBm)
25	PI/2 BPSK	1	1	19.32	19.55	19.42	21.00
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	(dBm)
20	PI/2 BPSK	1	1	19.34	19.59	19.47	21.00
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	(dBm)
15	PI/2 BPSK	1	1	19.31	19.50	19.41	21.00
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	(dBm)
10	PI/2 BPSK	1	1	19.34	19.51	19.45	21.00
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	PI/2 BPSK	1	1	19.37	19.61	19.37	21.00

【FR1 n2_Ant 4_ECI 3-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376000	378000	Tune-up limit (dBm)
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	19.44	19.52	19.50	21.00
40	PI/2 BPSK	1	108	19.38	19.48	19.43	21.00
40	PI/2 BPSK	1	214	19.32	19.43	19.50	21.00
40	PI/2 BPSK	108	0	19.36	19.43	19.40	21.00
40	PI/2 BPSK	108	54	19.42	19.48	19.43	21.00
40	PI/2 BPSK	108	108	19.41	19.42	19.36	21.00
40	PI/2 BPSK	216	0	19.41	19.42	19.33	21.00
40	QPSK	1	1	19.44	19.40	19.46	21.00
40	QPSK	1	108	19.42	19.40	19.41	21.00
40	QPSK	1	214	19.39	19.50	19.39	21.00
40	QPSK	108	0	19.33	19.40	19.34	21.00
40	QPSK	108	54	19.34	19.46	19.40	21.00
40	QPSK	108	108	19.29	19.47	19.40	21.00
40	QPSK	216	0	19.37	19.39	19.35	21.00
40	16QAM	1	1	19.33	19.41	19.44	21.00
40	64QAM	1	1	19.38	19.44	19.32	21.00
40	256QAM	1	1	18.00	17.89	18.02	19.50
Channel				373500	376000	378500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	(dBm)
35	PI/2 BPSK	1	1	19.34	19.42	19.38	21.00
Channel				373000	376000	379000	Tune-up limit (dBm)
Frequency (MHz)				1865	1880	1895	(dBm)
30	PI/2 BPSK	1	1	19.35	19.49	19.39	21.00
Channel				372500	376000	379500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	(dBm)
25	PI/2 BPSK	1	1	19.38	19.44	19.46	21.00
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	(dBm)
20	PI/2 BPSK	1	1	19.40	19.47	19.41	21.00
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	(dBm)
15	PI/2 BPSK	1	1	19.43	19.44	19.49	21.00
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	(dBm)
10	PI/2 BPSK	1	1	19.37	19.39	19.44	21.00
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	PI/2 BPSK	1	1	19.41	19.42	19.37	21.00



【FR1 n2_Ant 4_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	21.06	21.12	21.10	22.00
40	PI/2 BPSK	1	108	21.04	21.02	21.03	22.00
40	PI/2 BPSK	1	214	20.57	20.67	20.63	22.00
40	PI/2 BPSK	108	0	20.60	20.66	20.64	21.50
40	PI/2 BPSK	108	54	20.97	20.99	20.94	22.00
40	PI/2 BPSK	108	108	20.55	20.65	20.63	21.50
40	PI/2 BPSK	216	0	20.58	20.61	20.60	21.50
40	QPSK	1	1	20.97	20.94	20.95	22.00
40	QPSK	1	108	21.03	21.04	21.04	22.00
40	QPSK	1	214	20.68	20.72	20.64	22.00
40	QPSK	108	0	20.11	20.15	20.11	21.00
40	QPSK	108	54	20.93	21.01	20.99	22.00
40	QPSK	108	108	20.11	20.18	20.13	21.00
40	QPSK	216	0	19.93	20.04	19.93	21.00
40	16QAM	1	1	20.01	20.11	20.01	21.00
40	64QAM	1	1	18.70	18.77	18.70	19.50
40	256QAM	1	1	16.66	16.67	16.55	17.50
Channel				373500	376000	378500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	20.96	20.84	20.86	22.00
Channel				373000	376000	379000	Tune-up limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	20.93	20.87	20.89	22.00
Channel				372500	376000	379500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	20.87	20.84	20.87	22.00
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	20.90	20.86	20.89	22.00
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	20.97	20.89	20.96	22.00
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	20.87	20.82	20.91	22.00
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	20.97	20.92	20.93	22.00

【FR1 n2_Ant 4_ECI 4-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	23.20	23.25	23.12	24.00
40	PI/2 BPSK	1	108	23.07	23.23	23.07	24.00
40	PI/2 BPSK	1	214	23.07	23.20	22.99	24.00
40	PI/2 BPSK	108	0	22.69	22.72	22.67	23.50
40	PI/2 BPSK	108	54	23.13	23.19	22.99	24.00
40	PI/2 BPSK	108	108	22.73	22.84	22.60	23.50
40	PI/2 BPSK	216	0	22.76	22.80	22.68	23.50
40	QPSK	1	1	23.13	23.15	23.07	24.00
40	QPSK	1	108	23.08	23.15	23.01	24.00
40	QPSK	1	214	23.14	23.22	23.10	24.00
40	QPSK	108	0	22.15	22.23	22.12	23.00
40	QPSK	108	54	23.16	23.18	23.01	24.00
40	QPSK	108	108	22.16	22.24	22.14	23.00
40	QPSK	216	0	22.24	22.22	22.16	23.00
40	16QAM	1	1	22.26	22.30	22.18	23.00
40	64QAM	1	1	20.67	20.81	20.69	21.50
40	256QAM	1	1	18.70	18.74	18.70	19.50
Channel				373500	376000	378500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	23.18	23.17	22.99	24.00
Channel				373000	376000	379000	Tune-up limit

Frequency (MHz)				1865	1880	1895	(dBm)
30	PI/2 BPSK	1	1	23.10	23.22	23.04	24.00
Channel				372500	376000	379500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	(dBm)
25	PI/2 BPSK	1	1	23.07	23.15	23.03	24.00
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	(dBm)
20	PI/2 BPSK	1	1	23.08	23.22	22.99	24.00
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	(dBm)
15	PI/2 BPSK	1	1	23.14	23.12	23.02	24.00
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	(dBm)
10	PI/2 BPSK	1	1	23.11	23.22	23.07	24.00
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	PI/2 BPSK	1	1	23.15	23.13	23.02	24.00

【FR1 n2_Ant 4_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	21.06	21.12	21.10	22.00
40	PI/2 BPSK	1	108	21.04	21.02	21.03	22.00
40	PI/2 BPSK	1	214	20.57	20.67	20.63	22.00
40	PI/2 BPSK	108	0	20.60	20.66	20.64	21.50
40	PI/2 BPSK	108	54	20.97	20.99	20.94	22.00
40	PI/2 BPSK	108	108	20.55	20.65	20.63	21.50
40	PI/2 BPSK	216	0	20.58	20.61	20.60	21.50
40	QPSK	1	1	20.97	20.94	20.95	22.00
40	QPSK	1	108	21.03	21.04	21.04	22.00
40	QPSK	1	214	20.68	20.72	20.64	22.00
40	QPSK	108	0	20.11	20.15	20.11	21.00
40	QPSK	108	54	20.93	21.01	20.99	22.00
40	QPSK	108	108	20.11	20.18	20.13	21.00
40	QPSK	216	0	19.93	20.04	19.93	21.00
40	16QAM	1	1	20.01	20.11	20.01	21.00
40	64QAM	1	1	18.70	18.77	18.70	19.50
40	256QAM	1	1	16.66	16.67	16.55	17.50
Channel				373500	376000	378500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	(dBm)
35	PI/2 BPSK	1	1	20.96	20.84	20.86	22.00
Channel				373000	376000	379000	Tune-up limit (dBm)
Frequency (MHz)				1865	1880	1895	(dBm)
30	PI/2 BPSK	1	1	20.93	20.87	20.89	22.00
Channel				372500	376000	379500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	(dBm)
25	PI/2 BPSK	1	1	20.87	20.84	20.87	22.00
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	(dBm)
20	PI/2 BPSK	1	1	20.90	20.86	20.89	22.00
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	(dBm)
15	PI/2 BPSK	1	1	20.97	20.89	20.96	22.00
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	(dBm)
10	PI/2 BPSK	1	1	20.87	20.82	20.91	22.00
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	PI/2 BPSK	1	1	20.97	20.92	20.93	22.00



【FR1 n2_Ant 4_ECI 6-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	21.70	21.74	21.64	22.00
40	PI/2 BPSK	1	108	21.59	21.60	21.54	22.00
40	PI/2 BPSK	1	214	21.63	21.66	21.50	22.00
40	PI/2 BPSK	108	0	21.60	21.66	21.52	22.00
40	PI/2 BPSK	108	54	21.63	21.68	21.58	22.00
40	PI/2 BPSK	108	108	21.55	21.63	21.54	22.00
40	PI/2 BPSK	216	0	21.54	21.60	21.52	22.00
40	QPSK	1	1	21.61	21.68	21.52	22.00
40	QPSK	1	108	21.60	21.69	21.57	22.00
40	QPSK	1	214	21.63	21.64	21.51	22.00
40	QPSK	108	0	21.58	21.68	21.51	22.00
40	QPSK	108	54	21.55	21.69	21.53	22.00
40	QPSK	108	108	21.57	21.60	21.51	22.00
40	QPSK	216	0	21.63	21.65	21.54	22.00
40	16QAM	1	1	21.61	21.60	21.48	22.00
40	64QAM	1	1	20.67	20.70	20.66	21.00
40	256QAM	1	1	18.71	18.70	18.56	19.00
Channel				373500	376000	378500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	21.68	21.70	21.61	22.00
Channel				373000	376000	379000	Tune-up limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	21.63	21.67	21.61	22.00
Channel				372500	376000	379500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	21.62	21.69	21.53	22.00
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	21.67	21.65	21.50	22.00
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	21.57	21.67	21.56	22.00
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	21.67	21.65	21.56	22.00
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	21.59	21.72	21.63	22.00

【FR1 n2_Ant 4_ECI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	17.05	17.08	17.02	17.90
40	PI/2 BPSK	1	108	17.00	17.04	16.93	17.90
40	PI/2 BPSK	1	214	16.89	17.03	17.00	17.90
40	PI/2 BPSK	108	0	16.98	16.97	16.97	17.90
40	PI/2 BPSK	108	54	17.02	17.04	17.01	17.90
40	PI/2 BPSK	108	108	16.99	17.00	16.99	17.90
40	PI/2 BPSK	216	0	17.02	17.03	16.99	17.90
40	QPSK	1	1	16.91	16.97	17.00	17.90
40	QPSK	1	108	16.92	17.00	16.96	17.90
40	QPSK	1	214	16.90	17.03	16.89	17.90
40	QPSK	108	0	16.89	16.90	17.01	17.90
40	QPSK	108	54	16.94	17.00	16.88	17.90
40	QPSK	108	108	16.88	17.03	16.95	17.90
40	QPSK	216	0	16.98	16.97	16.99	17.90
40	16QAM	1	1	16.90	16.99	16.98	17.90
40	64QAM	1	1	16.94	17.01	16.95	17.90
40	256QAM	1	1	16.53	16.60	16.59	17.40
Channel				373500	376000	378500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	16.86	17.04	16.95	17.90
Channel				373000	376000	379000	Tune-up limit

Frequency (MHz)				1865	1880	1895	(dBm)
30	PI/2 BPSK	1	1	16.84	17.03	16.96	17.90
Channel				372500	376000	379500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	(dBm)
25	PI/2 BPSK	1	1	16.87	16.99	16.99	17.90
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	(dBm)
20	PI/2 BPSK	1	1	16.86	16.96	16.95	17.90
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	(dBm)
15	PI/2 BPSK	1	1	16.87	17.07	16.95	17.90
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	(dBm)
10	PI/2 BPSK	1	1	16.85	17.02	17.00	17.90
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	PI/2 BPSK	1	1	16.86	17.03	16.97	17.90

【FR1 n2_Ant 4_ECI 7-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376000	378000	Tune-up limit (dBm)
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	16.93	16.99	16.90	17.90
40	PI/2 BPSK	1	108	16.91	16.96	16.90	17.90
40	PI/2 BPSK	1	214	16.75	16.90	16.91	17.90
40	PI/2 BPSK	108	0	16.92	16.97	16.91	17.90
40	PI/2 BPSK	108	54	16.95	16.98	16.92	17.90
40	PI/2 BPSK	108	108	16.94	16.90	16.85	17.90
40	PI/2 BPSK	216	0	16.98	16.94	16.91	17.90
40	QPSK	1	1	16.85	16.88	16.90	17.90
40	QPSK	1	108	16.84	16.92	16.89	17.90
40	QPSK	1	214	16.85	16.89	16.75	17.90
40	QPSK	108	0	16.85	16.75	16.88	17.90
40	QPSK	108	54	16.88	16.95	16.83	17.90
40	QPSK	108	108	16.81	16.88	16.91	17.90
40	QPSK	216	0	16.89	16.87	16.86	17.90
40	16QAM	1	1	16.83	16.90	16.87	17.90
40	64QAM	1	1	16.82	16.87	16.90	17.90
40	256QAM	1	1	16.42	16.50	16.50	17.90
Channel				373500	376000	378500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	(dBm)
35	PI/2 BPSK	1	1	16.90	16.86	16.82	17.90
Channel				373000	376000	379000	Tune-up limit (dBm)
Frequency (MHz)				1865	1880	1895	(dBm)
30	PI/2 BPSK	1	1	16.78	16.95	16.82	17.90
Channel				372500	376000	379500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	(dBm)
25	PI/2 BPSK	1	1	16.81	16.95	16.76	17.90
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	(dBm)
20	PI/2 BPSK	1	1	16.89	16.94	16.78	17.90
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	(dBm)
15	PI/2 BPSK	1	1	16.78	16.91	16.89	17.90
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	(dBm)
10	PI/2 BPSK	1	1	16.86	16.92	16.87	17.90
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	PI/2 BPSK	1	1	16.88	16.98	16.76	17.90

【FR1 n5_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				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	22.79	22.85	22.78	24.00
20	PI/2 BPSK	1	53	22.75	22.83	22.74	24.00
20	PI/2 BPSK	1	104	22.69	22.82	22.77	24.00
20	PI/2 BPSK	50	0	22.43	22.51	22.35	23.50
20	PI/2 BPSK	50	28	22.91	22.93	22.86	24.00
20	PI/2 BPSK	50	56	22.36	22.45	22.24	23.50
20	PI/2 BPSK	100	0	22.27	22.41	22.24	23.50
20	QPSK	1	1	22.83	22.84	22.77	24.00
20	QPSK	1	53	22.74	22.89	22.86	24.00
20	QPSK	1	104	22.80	22.85	22.80	24.00
20	QPSK	50	0	21.86	22.01	21.82	23.00
20	QPSK	50	28	22.85	22.96	22.82	24.00
20	QPSK	50	56	22.01	22.09	21.98	23.00
20	QPSK	100	0	22.00	22.11	21.97	23.00
20	16QAM	1	1	21.90	22.01	21.84	23.00
20	64QAM	1	1	20.50	20.66	20.54	21.50
20	256QAM	1	1	18.39	18.56	18.49	19.50
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	22.76	22.75	22.68	24.00
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	22.71	22.78	22.72	24.00
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	22.69	22.76	22.66	24.00

【FR1 n5_Ant 0_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	22.79	22.85	22.78	24.00
20	PI/2 BPSK	1	53	22.75	22.83	22.74	24.00
20	PI/2 BPSK	1	104	22.69	22.82	22.77	24.00
20	PI/2 BPSK	50	0	22.43	22.51	22.35	23.50
20	PI/2 BPSK	50	28	22.91	22.93	22.86	24.00
20	PI/2 BPSK	50	56	22.36	22.45	22.24	23.50
20	PI/2 BPSK	100	0	22.27	22.41	22.24	23.50
20	QPSK	1	1	22.83	22.84	22.77	24.00
20	QPSK	1	53	22.74	22.89	22.86	24.00
20	QPSK	1	104	22.80	22.85	22.80	24.00
20	QPSK	50	0	21.86	22.01	21.82	23.00
20	QPSK	50	28	22.85	22.96	22.82	24.00
20	QPSK	50	56	22.01	22.09	21.98	23.00
20	QPSK	100	0	22.00	22.11	21.97	23.00
20	16QAM	1	1	21.90	22.01	21.84	23.00
20	64QAM	1	1	20.50	20.66	20.54	21.50
20	256QAM	1	1	18.39	18.56	18.49	19.50
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	22.76	22.75	22.68	24.00
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	22.71	22.78	22.72	24.00
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	22.69	22.76	22.66	24.00

【FR1 n5_Ant 0_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	22.79	22.85	22.78	23.90
20	PI/2 BPSK	1	53	22.75	22.83	22.74	23.90
20	PI/2 BPSK	1	104	22.69	22.82	22.77	23.90
20	PI/2 BPSK	50	0	22.43	22.51	22.35	23.40
20	PI/2 BPSK	50	28	22.91	22.93	22.86	23.90
20	PI/2 BPSK	50	56	22.36	22.45	22.24	23.40
20	PI/2 BPSK	100	0	22.27	22.41	22.24	23.40
20	QPSK	1	1	22.83	22.84	22.77	23.90
20	QPSK	1	53	22.74	22.89	22.86	23.90
20	QPSK	1	104	22.80	22.85	22.80	23.90
20	QPSK	50	0	21.86	22.01	21.82	22.90
20	QPSK	50	28	22.85	22.96	22.82	23.90
20	QPSK	50	56	22.01	22.09	21.98	22.90
20	QPSK	100	0	22.00	22.11	21.97	22.90
20	16QAM	1	1	21.90	22.01	21.84	22.90
20	64QAM	1	1	20.50	20.66	20.54	21.40
20	256QAM	1	1	18.39	18.56	18.49	19.40
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	22.76	22.75	22.68	23.90
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	22.71	22.78	22.72	23.90
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	22.69	22.76	22.66	23.90

【FR1 n5_Ant 0_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	22.79	22.85	22.78	24.00
20	PI/2 BPSK	1	53	22.75	22.83	22.74	24.00
20	PI/2 BPSK	1	104	22.69	22.82	22.77	24.00
20	PI/2 BPSK	50	0	22.43	22.51	22.35	23.50
20	PI/2 BPSK	50	28	22.91	22.93	22.86	24.00
20	PI/2 BPSK	50	56	22.36	22.45	22.24	23.50
20	PI/2 BPSK	100	0	22.27	22.41	22.24	23.50
20	QPSK	1	1	22.83	22.84	22.77	24.00
20	QPSK	1	53	22.74	22.89	22.86	24.00
20	QPSK	1	104	22.80	22.85	22.80	24.00
20	QPSK	50	0	21.86	22.01	21.82	23.00
20	QPSK	50	28	22.85	22.96	22.82	24.00
20	QPSK	50	56	22.01	22.09	21.98	23.00
20	QPSK	100	0	22.00	22.11	21.97	23.00
20	16QAM	1	1	21.90	22.01	21.84	23.00
20	64QAM	1	1	20.50	20.66	20.54	21.50
20	256QAM	1	1	18.39	18.56	18.49	19.50
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	22.76	22.75	22.68	24.00
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	22.71	22.78	22.72	24.00
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	22.69	22.76	22.66	24.00



【FR1 n5_Ant 0_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	22.79	22.85	22.78	24.00
20	PI/2 BPSK	1	53	22.75	22.83	22.74	24.00
20	PI/2 BPSK	1	104	22.69	22.82	22.77	24.00
20	PI/2 BPSK	50	0	22.43	22.51	22.35	23.50
20	PI/2 BPSK	50	28	22.91	22.93	22.86	24.00
20	PI/2 BPSK	50	56	22.36	22.45	22.24	23.50
20	PI/2 BPSK	100	0	22.27	22.41	22.24	23.50
20	QPSK	1	1	22.83	22.84	22.77	24.00
20	QPSK	1	53	22.74	22.89	22.86	24.00
20	QPSK	1	104	22.80	22.85	22.80	24.00
20	QPSK	50	0	21.86	22.01	21.82	23.00
20	QPSK	50	28	22.85	22.96	22.82	24.00
20	QPSK	50	56	22.01	22.09	21.98	23.00
20	QPSK	100	0	22.00	22.11	21.97	23.00
20	16QAM	1	1	21.90	22.01	21.84	23.00
20	64QAM	1	1	20.50	20.66	20.54	21.50
20	256QAM	1	1	18.39	18.56	18.49	19.50
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	22.76	22.75	22.68	24.00
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	22.71	22.78	22.72	24.00
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	22.69	22.76	22.66	24.00

【FR1 n5_Ant 0_ECI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	22.79	22.85	22.78	23.90
20	PI/2 BPSK	1	53	22.75	22.83	22.74	23.90
20	PI/2 BPSK	1	104	22.69	22.82	22.77	23.90
20	PI/2 BPSK	50	0	22.43	22.51	22.35	23.40
20	PI/2 BPSK	50	28	22.91	22.93	22.86	23.90
20	PI/2 BPSK	50	56	22.36	22.45	22.24	23.40
20	PI/2 BPSK	100	0	22.27	22.41	22.24	23.40
20	QPSK	1	1	22.83	22.84	22.77	23.90
20	QPSK	1	53	22.74	22.89	22.86	23.90
20	QPSK	1	104	22.80	22.85	22.80	23.90
20	QPSK	50	0	21.86	22.01	21.82	22.90
20	QPSK	50	28	22.85	22.96	22.82	23.90
20	QPSK	50	56	22.01	22.09	21.98	22.90
20	QPSK	100	0	22.00	22.11	21.97	22.90
20	16QAM	1	1	21.90	22.01	21.84	22.90
20	64QAM	1	1	20.50	20.66	20.54	21.40
20	256QAM	1	1	18.39	18.56	18.49	19.40
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	22.76	22.75	22.68	23.90
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	22.71	22.78	22.72	23.90
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	22.69	22.76	22.66	23.90



【FR1 n5_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				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	21.94	21.98	21.92	23.00
20	PI/2 BPSK	1	53	21.90	21.95	21.82	23.00
20	PI/2 BPSK	1	104	21.76	21.89	21.85	23.00
20	PI/2 BPSK	50	0	21.57	21.67	21.56	22.50
20	PI/2 BPSK	50	28	21.98	22.03	21.97	23.00
20	PI/2 BPSK	50	56	21.61	21.74	21.69	22.50
20	PI/2 BPSK	100	0	21.53	21.61	21.56	22.50
20	QPSK	1	1	21.91	21.94	21.79	23.00
20	QPSK	1	53	21.88	21.98	21.86	23.00
20	QPSK	1	104	21.92	21.92	21.89	23.00
20	QPSK	50	0	21.04	21.11	21.07	22.00
20	QPSK	50	28	21.96	22.05	21.92	23.00
20	QPSK	50	56	20.99	21.03	20.89	22.00
20	QPSK	100	0	20.89	20.91	20.77	22.00
20	16QAM	1	1	20.84	20.95	20.86	22.00
20	64QAM	1	1	19.53	19.66	19.54	20.50
20	256QAM	1	1	17.60	17.73	17.71	18.50
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	21.85	21.88	21.78	23.00
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	21.86	21.87	21.85	23.00
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	21.87	21.79	21.81	23.00

【FR1 n5_Ant 4_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	20.99	20.96	20.96	22.40
20	PI/2 BPSK	1	53	20.85	20.85	20.81	22.40
20	PI/2 BPSK	1	104	20.80	20.93	20.87	22.40
20	PI/2 BPSK	50	0	20.78	20.90	20.80	22.40
20	PI/2 BPSK	50	28	20.87	20.92	20.87	22.40
20	PI/2 BPSK	50	56	20.84	20.82	20.84	22.40
20	PI/2 BPSK	100	0	20.80	20.84	20.87	22.40
20	QPSK	1	1	20.86	20.91	20.85	22.40
20	QPSK	1	53	20.78	20.89	20.77	22.40
20	QPSK	1	104	20.90	20.82	20.77	22.40
20	QPSK	50	0	20.82	20.89	20.77	22.40
20	QPSK	50	28	20.82	20.82	20.80	22.40
20	QPSK	50	56	20.84	20.94	20.79	22.40
20	QPSK	100	0	20.80	20.90	20.81	22.40
20	16QAM	1	1	20.79	20.93	20.79	22.40
20	64QAM	1	1	19.48	19.49	19.41	20.90
20	256QAM	1	1	17.43	17.45	17.41	18.90
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	20.86	20.90	20.90	22.40
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	20.85	20.92	20.86	22.40
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	20.97	20.89	20.90	22.40



【FR1 n5_Ant 4_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	20.42	20.45	20.46	21.90
20	PI/2 BPSK	1	53	20.38	20.36	20.28	21.90
20	PI/2 BPSK	1	104	20.36	20.43	20.26	21.90
20	PI/2 BPSK	50	0	20.32	20.40	20.29	21.90
20	PI/2 BPSK	50	28	20.37	20.42	20.33	21.90
20	PI/2 BPSK	50	56	20.32	20.39	20.30	21.90
20	PI/2 BPSK	100	0	20.29	20.43	20.37	21.90
20	QPSK	1	1	20.38	20.40	20.27	21.90
20	QPSK	1	53	20.31	20.40	20.29	21.90
20	QPSK	1	104	20.37	20.43	20.33	21.90
20	QPSK	50	0	20.29	20.43	20.29	21.90
20	QPSK	50	28	20.39	20.33	20.26	21.90
20	QPSK	50	56	20.37	20.36	20.26	21.90
20	QPSK	100	0	20.29	20.43	20.29	21.90
20	16QAM	1	1	20.36	20.43	20.32	21.90
20	64QAM	1	1	19.43	19.53	19.45	20.90
20	256QAM	1	1	17.40	17.50	17.38	18.90
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	20.39	20.32	20.44	21.90
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	20.40	20.37	20.35	21.90
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	20.33	20.36	20.35	21.90

【FR1 n5_Ant 4_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	21.94	21.98	21.92	23.00
20	PI/2 BPSK	1	53	21.90	21.95	21.82	23.00
20	PI/2 BPSK	1	104	21.76	21.89	21.85	23.00
20	PI/2 BPSK	50	0	21.57	21.67	21.56	22.50
20	PI/2 BPSK	50	28	21.98	22.03	21.97	23.00
20	PI/2 BPSK	50	56	21.61	21.74	21.69	22.50
20	PI/2 BPSK	100	0	21.53	21.61	21.56	22.50
20	QPSK	1	1	21.91	21.94	21.79	23.00
20	QPSK	1	53	21.88	21.98	21.86	23.00
20	QPSK	1	104	21.92	21.92	21.89	23.00
20	QPSK	50	0	21.04	21.11	21.07	22.00
20	QPSK	50	28	21.96	22.05	21.92	23.00
20	QPSK	50	56	20.99	21.03	20.89	22.00
20	QPSK	100	0	20.89	20.91	20.77	22.00
20	16QAM	1	1	20.84	20.95	20.86	22.00
20	64QAM	1	1	19.53	19.66	19.54	20.50
20	256QAM	1	1	17.60	17.73	17.71	18.50
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	21.85	21.88	21.78	23.00
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	21.86	21.87	21.85	23.00
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	21.87	21.79	21.81	23.00

【FR1 n5_Ant 4_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	21.94	21.98	21.92	23.00
20	PI/2 BPSK	1	53	21.90	21.95	21.82	23.00
20	PI/2 BPSK	1	104	21.76	21.89	21.85	23.00
20	PI/2 BPSK	50	0	21.57	21.67	21.56	22.50
20	PI/2 BPSK	50	28	21.98	22.03	21.97	23.00
20	PI/2 BPSK	50	56	21.61	21.74	21.69	22.50
20	PI/2 BPSK	100	0	21.53	21.61	21.56	22.50
20	QPSK	1	1	21.91	21.94	21.79	23.00
20	QPSK	1	53	21.88	21.98	21.86	23.00
20	QPSK	1	104	21.92	21.92	21.89	23.00
20	QPSK	50	0	21.04	21.11	21.07	22.00
20	QPSK	50	28	21.96	22.05	21.92	23.00
20	QPSK	50	56	20.99	21.03	20.89	22.00
20	QPSK	100	0	20.89	20.91	20.77	22.00
20	16QAM	1	1	20.84	20.95	20.86	22.00
20	64QAM	1	1	19.53	19.66	19.54	20.50
20	256QAM	1	1	17.60	17.73	17.71	18.50
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	21.85	21.88	21.78	23.00
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	21.86	21.87	21.85	23.00
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	21.87	21.79	21.81	23.00

【FR1 n5_Ant 4_ECI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	19.44	19.43	19.44	20.90
20	PI/2 BPSK	1	53	19.29	19.40	19.28	20.90
20	PI/2 BPSK	1	104	19.30	19.33	19.34	20.90
20	PI/2 BPSK	50	0	19.30	19.41	19.36	20.90
20	PI/2 BPSK	50	28	19.35	19.42	19.30	20.90
20	PI/2 BPSK	50	56	19.35	19.37	19.34	20.90
20	PI/2 BPSK	100	0	19.30	19.32	19.37	20.90
20	QPSK	1	1	19.39	19.32	19.26	20.90
20	QPSK	1	53	19.34	19.37	19.28	20.90
20	QPSK	1	104	19.40	19.42	19.35	20.90
20	QPSK	50	0	19.39	19.36	19.26	20.90
20	QPSK	50	28	19.30	19.37	19.30	20.90
20	QPSK	50	56	19.33	19.37	19.35	20.90
20	QPSK	100	0	19.33	19.37	19.27	20.90
20	16QAM	1	1	19.31	19.39	19.32	20.90
20	64QAM	1	1	19.35	19.35	19.34	20.90
20	256QAM	1	1	17.45	17.54	17.42	18.90
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	19.35	19.31	19.31	20.90
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	19.37	19.41	19.43	20.90
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	19.31	19.41	19.37	20.90



【FR1 n7_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				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	22.13	22.26	22.18	24.00
50	PI/2 BPSK	1	135	22.00	22.15	22.00	24.00
50	PI/2 BPSK	1	268	22.00	22.07	22.01	24.00
50	PI/2 BPSK	135	0	21.92	22.13	21.93	23.50
50	PI/2 BPSK	135	68	22.04	22.18	22.00	24.00
50	PI/2 BPSK	135	135	22.01	22.13	22.07	23.50
50	PI/2 BPSK	270	0	21.99	22.16	21.96	23.50
50	QPSK	1	1	22.00	22.03	22.01	24.00
50	QPSK	1	135	22.01	22.16	22.02	24.00
50	QPSK	1	268	22.01	22.09	22.00	24.00
50	QPSK	135	0	21.03	21.22	21.07	23.00
50	QPSK	135	68	22.02	22.18	22.06	24.00
50	QPSK	135	135	21.00	21.10	21.02	23.00
50	QPSK	270	0	21.08	21.23	21.02	23.00
50	16QAM	1	1	21.02	21.21	21.00	23.00
50	64QAM	1	1	19.65	19.89	19.68	21.50
50	256QAM	1	1	17.62	17.83	17.64	19.50
Channel				504000	507000	510000	Tune-up limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	22.12	22.24	22.16	24.00
Channel				503500	507000	510500	Tune-up limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	PI/2 BPSK	1	1	22.09	22.16	22.16	24.00
Channel				503000	507000	511000	Tune-up limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	22.00	22.11	22.04	24.00
Channel				502500	507000	511500	Tune-up limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	22.00	22.21	22.05	24.00
Channel				502000	507000	512000	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	22.09	22.12	22.06	24.00
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	22.01	22.14	22.04	24.00
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	22.09	22.16	22.10	24.00
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	22.10	22.17	22.06	24.00

【FR1 n7_Ant 1_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	22.13	22.26	22.18	24.00
50	PI/2 BPSK	1	135	22.00	22.15	22.00	24.00
50	PI/2 BPSK	1	268	22.00	22.07	22.01	24.00
50	PI/2 BPSK	135	0	21.92	22.13	21.93	23.50
50	PI/2 BPSK	135	68	22.04	22.18	22.00	24.00
50	PI/2 BPSK	135	135	22.01	22.13	22.07	23.50
50	PI/2 BPSK	270	0	21.99	22.16	21.96	23.50
50	QPSK	1	1	22.00	22.03	22.01	24.00
50	QPSK	1	135	22.01	22.16	22.02	24.00
50	QPSK	1	268	22.01	22.09	22.00	24.00
50	QPSK	135	0	21.03	21.22	21.07	23.00
50	QPSK	135	68	22.02	22.18	22.06	24.00
50	QPSK	135	135	21.00	21.10	21.02	23.00
50	QPSK	270	0	21.08	21.23	21.02	23.00
50	16QAM	1	1	21.02	21.21	21.00	23.00
50	64QAM	1	1	19.65	19.89	19.68	21.50
50	256QAM	1	1	17.62	17.83	17.64	19.50
Channel				504000	507000	510000	Tune-up limit



	Frequency (MHz)			2520	2535	2550	(dBm)
40	PI/2 BPSK	1	1	22.12	22.24	22.16	24.00
	Channel			503500	507000	510500	Tune-up limit
	Frequency (MHz)			2517.5	2535	2552.5	(dBm)
35	PI/2 BPSK	1	1	22.09	22.16	22.16	24.00
	Channel			503000	507000	511000	Tune-up limit
	Frequency (MHz)			2515	2535	2555	(dBm)
30	PI/2 BPSK	1	1	22.00	22.11	22.04	24.00
	Channel			502500	507000	511500	Tune-up limit
	Frequency (MHz)			2512.5	2535	2557.5	(dBm)
25	PI/2 BPSK	1	1	22.00	22.21	22.05	24.00
	Channel			502000	507000	512000	Tune-up limit
	Frequency (MHz)			2510	2535	2560	(dBm)
20	PI/2 BPSK	1	1	22.09	22.12	22.06	24.00
	Channel			501500	507000	512500	Tune-up limit
	Frequency (MHz)			2507.5	2535	2562.5	(dBm)
15	PI/2 BPSK	1	1	22.01	22.14	22.04	24.00
	Channel			501000	507000	513000	Tune-up limit
	Frequency (MHz)			2505	2535	2565	(dBm)
10	PI/2 BPSK	1	1	22.09	22.16	22.10	24.00
	Channel			500500	507000	513500	Tune-up limit
	Frequency (MHz)			2502.5	2535	2567.5	(dBm)
5	PI/2 BPSK	1	1	22.10	22.17	22.06	24.00

【FR1 n7_Ant 1_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel			505000	507000	509000	
	Frequency (MHz)			2525	2535	2545	
50	PI/2 BPSK	1	1	16.63	16.79	16.65	18.20
50	PI/2 BPSK	1	135	16.61	16.75	16.59	18.20
50	PI/2 BPSK	1	268	16.60	16.68	16.62	18.20
50	PI/2 BPSK	135	0	16.54	16.70	16.68	18.20
50	PI/2 BPSK	135	68	16.63	16.73	16.70	18.20
50	PI/2 BPSK	135	135	16.62	16.69	16.66	18.20
50	PI/2 BPSK	270	0	16.60	16.75	16.64	18.20
50	QPSK	1	1	16.58	16.65	16.69	18.20
50	QPSK	1	135	16.62	16.69	16.59	18.20
50	QPSK	1	268	16.59	16.66	16.66	18.20
50	QPSK	135	0	16.65	16.65	16.61	18.20
50	QPSK	135	68	16.64	16.74	16.64	18.20
50	QPSK	135	135	16.55	16.75	16.68	18.20
50	QPSK	270	0	16.56	16.74	16.61	18.20
50	16QAM	1	1	16.62	16.72	16.69	18.20
50	64QAM	1	1	16.56	16.70	16.59	18.20
50	256QAM	1	1	16.60	16.70	16.61	18.20
	Channel			504000	507000	510000	Tune-up limit
	Frequency (MHz)			2520	2535	2550	(dBm)
40	PI/2 BPSK	1	1	16.50	16.69	16.59	18.20
	Channel			503500	507000	510500	Tune-up limit
	Frequency (MHz)			2517.5	2535	2552.5	(dBm)
35	PI/2 BPSK	1	1	16.51	16.67	16.57	18.20
	Channel			503000	507000	511000	Tune-up limit
	Frequency (MHz)			2515	2535	2555	(dBm)
30	PI/2 BPSK	1	1	16.51	16.65	16.56	18.20
	Channel			502500	507000	511500	Tune-up limit
	Frequency (MHz)			2512.5	2535	2557.5	(dBm)
25	PI/2 BPSK	1	1	16.51	16.73	16.51	18.20
	Channel			502000	507000	512000	Tune-up limit
	Frequency (MHz)			2510	2535	2560	(dBm)
20	PI/2 BPSK	1	1	16.52	16.70	16.53	18.20
	Channel			501500	507000	512500	Tune-up limit
	Frequency (MHz)			2507.5	2535	2562.5	(dBm)
15	PI/2 BPSK	1	1	16.50	16.71	16.50	18.20
	Channel			501000	507000	513000	Tune-up limit
	Frequency (MHz)			2505	2535	2565	(dBm)
10	PI/2 BPSK	1	1	16.52	16.67	16.50	18.20
	Channel			500500	507000	513500	Tune-up limit
	Frequency (MHz)			2502.5	2535	2567.5	(dBm)
5	PI/2 BPSK	1	1	16.52	16.77	16.50	18.20

**【FR1 n7_Ant 1_ECI 4】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	22.13	22.26	22.18	24.00
50	PI/2 BPSK	1	135	22.00	22.15	22.00	24.00
50	PI/2 BPSK	1	268	22.00	22.07	22.01	24.00
50	PI/2 BPSK	135	0	21.92	22.13	21.93	23.50
50	PI/2 BPSK	135	68	22.04	22.18	22.00	24.00
50	PI/2 BPSK	135	135	22.01	22.13	22.07	23.50
50	PI/2 BPSK	270	0	21.99	22.16	21.96	23.50
50	QPSK	1	1	22.00	22.03	22.01	24.00
50	QPSK	1	135	22.01	22.16	22.02	24.00
50	QPSK	1	268	22.01	22.09	22.00	24.00
50	QPSK	135	0	21.03	21.22	21.07	23.00
50	QPSK	135	68	22.02	22.18	22.06	24.00
50	QPSK	135	135	21.00	21.10	21.02	23.00
50	QPSK	270	0	21.08	21.23	21.02	23.00
50	16QAM	1	1	21.02	21.21	21.00	23.00
50	64QAM	1	1	19.65	19.89	19.68	21.50
50	256QAM	1	1	17.62	17.83	17.64	19.50
Channel				504000	507000	510000	Tune-up limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	22.12	22.24	22.16	24.00
Channel				503500	507000	510500	Tune-up limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	PI/2 BPSK	1	1	22.09	22.16	22.16	24.00
Channel				503000	507000	511000	Tune-up limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	22.00	22.11	22.04	24.00
Channel				502500	507000	511500	Tune-up limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	22.00	22.21	22.05	24.00
Channel				502000	507000	512000	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	22.09	22.12	22.06	24.00
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	22.01	22.14	22.04	24.00
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	22.09	22.16	22.10	24.00
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	22.10	22.17	22.06	24.00

【FR1 n7_Ant 1_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	19.72	19.80	19.66	20.70
50	PI/2 BPSK	1	135	19.60	19.61	19.63	20.70
50	PI/2 BPSK	1	268	19.59	19.67	19.55	20.70
50	PI/2 BPSK	135	0	19.58	19.64	19.56	20.70
50	PI/2 BPSK	135	68	19.66	19.73	19.63	20.70
50	PI/2 BPSK	135	135	19.62	19.63	19.57	20.70
50	PI/2 BPSK	270	0	19.62	19.65	19.63	20.70
50	QPSK	1	1	19.65	19.68	19.55	20.70
50	QPSK	1	135	19.58	19.67	19.52	20.70
50	QPSK	1	268	19.69	19.66	19.54	20.70
50	QPSK	135	0	19.61	19.61	19.58	20.70
50	QPSK	135	68	19.65	19.68	19.61	20.70
50	QPSK	135	135	19.59	19.65	19.60	20.70
50	QPSK	270	0	19.61	19.63	19.63	20.70
50	16QAM	1	1	19.58	19.68	19.58	20.70
50	64QAM	1	1	19.63	19.67	19.54	20.20
50	256QAM	1	1	17.78	17.72	17.73	18.20
Channel				504000	507000	510000	Tune-up limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	19.59	19.68	19.57	20.70



Channel				503500	507000	510500	Tune-up limit
Frequency (MHz)				2517.5	2535	2552.5	(dBm)
35	PI/2 BPSK	1	1	19.62	19.75	19.54	20.70
Channel				503000	507000	511000	Tune-up limit
Frequency (MHz)				2515	2535	2555	(dBm)
30	PI/2 BPSK	1	1	19.65	19.73	19.64	20.70
Channel				502500	507000	511500	Tune-up limit
Frequency (MHz)				2512.5	2535	2557.5	(dBm)
25	PI/2 BPSK	1	1	19.60	19.67	19.58	20.70
Channel				502000	507000	512000	Tune-up limit
Frequency (MHz)				2510	2535	2560	(dBm)
20	PI/2 BPSK	1	1	19.68	19.76	19.53	20.70
Channel				501500	507000	512500	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	PI/2 BPSK	1	1	19.70	19.71	19.63	20.70
Channel				501000	507000	513000	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	PI/2 BPSK	1	1	19.66	19.71	19.54	20.70
Channel				500500	507000	513500	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	PI/2 BPSK	1	1	19.66	19.69	19.51	20.70

【FR1 n7_Ant 1_ECI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	16.63	16.79	16.65	18.20
50	PI/2 BPSK	1	135	16.61	16.75	16.59	18.20
50	PI/2 BPSK	1	268	16.60	16.68	16.62	18.20
50	PI/2 BPSK	135	0	16.54	16.70	16.68	18.20
50	PI/2 BPSK	135	68	16.63	16.73	16.70	18.20
50	PI/2 BPSK	135	135	16.62	16.69	16.66	18.20
50	PI/2 BPSK	270	0	16.60	16.75	16.64	18.20
50	QPSK	1	1	16.58	16.65	16.69	18.20
50	QPSK	1	135	16.62	16.69	16.59	18.20
50	QPSK	1	268	16.59	16.66	16.66	18.20
50	QPSK	135	0	16.65	16.65	16.61	18.20
50	QPSK	135	68	16.64	16.74	16.64	18.20
50	QPSK	135	135	16.55	16.75	16.68	18.20
50	QPSK	270	0	16.56	16.74	16.61	18.20
50	16QAM	1	1	16.62	16.72	16.69	18.20
50	64QAM	1	1	16.56	16.70	16.59	18.20
50	256QAM	1	1	16.60	16.70	16.61	18.20
Channel				504000	507000	510000	Tune-up limit
Frequency (MHz)				2520	2535	2550	(dBm)
40	PI/2 BPSK	1	1	16.50	16.69	16.59	18.20
Channel				503500	507000	510500	Tune-up limit
Frequency (MHz)				2517.5	2535	2552.5	(dBm)
35	PI/2 BPSK	1	1	16.51	16.67	16.57	18.20
Channel				503000	507000	511000	Tune-up limit
Frequency (MHz)				2515	2535	2555	(dBm)
30	PI/2 BPSK	1	1	16.51	16.65	16.56	18.20
Channel				502500	507000	511500	Tune-up limit
Frequency (MHz)				2512.5	2535	2557.5	(dBm)
25	PI/2 BPSK	1	1	16.51	16.73	16.51	18.20
Channel				502000	507000	512000	Tune-up limit
Frequency (MHz)				2510	2535	2560	(dBm)
20	PI/2 BPSK	1	1	16.52	16.70	16.53	18.20
Channel				501500	507000	512500	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	PI/2 BPSK	1	1	16.50	16.71	16.50	18.20
Channel				501000	507000	513000	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	PI/2 BPSK	1	1	16.52	16.67	16.50	18.20
Channel				500500	507000	513500	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	PI/2 BPSK	1	1	16.52	16.77	16.50	18.20



【FR1 n7_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				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	22.61	22.76	22.59	24.00
50	PI/2 BPSK	1	135	22.70	22.71	22.59	24.00
50	PI/2 BPSK	1	268	22.53	22.66	22.49	24.00
50	PI/2 BPSK	135	0	22.06	22.23	22.11	23.50
50	PI/2 BPSK	135	68	22.76	22.86	22.66	24.00
50	PI/2 BPSK	135	135	22.12	22.18	22.08	23.50
50	PI/2 BPSK	270	0	22.17	22.27	22.07	23.50
50	QPSK	1	1	22.48	22.61	22.52	24.00
50	QPSK	1	135	22.63	22.73	22.64	24.00
50	QPSK	1	268	22.47	22.62	22.46	24.00
50	QPSK	135	0	21.63	21.76	21.64	23.00
50	QPSK	135	68	22.64	22.81	22.61	24.00
50	QPSK	135	135	21.64	21.80	21.60	23.00
50	QPSK	270	0	21.59	21.71	21.53	23.00
50	16QAM	1	1	21.46	21.65	21.52	23.00
50	64QAM	1	1	20.06	20.24	20.12	21.50
50	256QAM	1	1	18.23	18.37	18.18	19.50
Channel				504000	507000	510000	Tune-up limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	22.55	22.54	22.54	24.00
Channel				503500	507000	510500	Tune-up limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	PI/2 BPSK	1	1	22.48	22.58	22.55	24.00
Channel				503000	507000	511000	Tune-up limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	22.52	22.51	22.55	24.00
Channel				502500	507000	511500	Tune-up limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	22.53	22.61	22.55	24.00
Channel				502000	507000	512000	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	22.46	22.64	22.58	24.00
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	22.50	22.61	22.53	24.00
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	22.51	22.56	22.49	24.00
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	22.47	22.64	22.48	24.00

【FR1 n7_Ant 4_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	17.68	17.76	17.63	18.80
50	PI/2 BPSK	1	135	17.64	17.71	17.57	18.80
50	PI/2 BPSK	1	268	17.63	17.73	17.55	18.80
50	PI/2 BPSK	135	0	17.60	17.66	17.53	18.80
50	PI/2 BPSK	135	68	17.65	17.70	17.61	18.80
50	PI/2 BPSK	135	135	17.61	17.68	17.58	18.80
50	PI/2 BPSK	270	0	17.62	17.68	17.61	18.80
50	QPSK	1	1	17.60	17.65	17.55	18.80
50	QPSK	1	135	17.67	17.73	17.57	18.80
50	QPSK	1	268	17.62	17.62	17.63	18.80
50	QPSK	135	0	17.58	17.64	17.63	18.80
50	QPSK	135	68	17.63	17.66	17.53	18.80
50	QPSK	135	135	17.65	17.67	17.60	18.80
50	QPSK	270	0	17.59	17.67	17.60	18.80
50	16QAM	1	1	17.67	17.68	17.61	18.80
50	64QAM	1	1	17.67	17.65	17.64	18.80
50	256QAM	1	1	17.56	17.66	17.57	18.80
Channel				504000	507000	510000	Tune-up limit



Frequency (MHz)				2520	2535	2550	(dBm)
40	PI/2 BPSK	1	1	17.53	17.64	17.51	18.80
Channel				503500	507000	510500	Tune-up limit
Frequency (MHz)				2517.5	2535	2552.5	(dBm)
35	PI/2 BPSK	1	1	17.57	17.72	17.45	18.80
Channel				503000	507000	511000	Tune-up limit
Frequency (MHz)				2515	2535	2555	(dBm)
30	PI/2 BPSK	1	1	17.57	17.73	17.43	18.80
Channel				502500	507000	511500	Tune-up limit
Frequency (MHz)				2512.5	2535	2557.5	(dBm)
25	PI/2 BPSK	1	1	17.47	17.73	17.42	18.80
Channel				502000	507000	512000	Tune-up limit
Frequency (MHz)				2510	2535	2560	(dBm)
20	PI/2 BPSK	1	1	17.49	17.62	17.51	18.80
Channel				501500	507000	512500	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	PI/2 BPSK	1	1	17.58	17.73	17.49	18.80
Channel				501000	507000	513000	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	PI/2 BPSK	1	1	17.54	17.63	17.47	18.80
Channel				500500	507000	513500	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	PI/2 BPSK	1	1	17.59	17.70	17.47	18.80

【FR1 n7_Ant 4_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	15.68	15.76	15.70	16.90
50	PI/2 BPSK	1	135	15.64	15.67	15.60	16.90
50	PI/2 BPSK	1	268	15.60	15.65	15.65	16.90
50	PI/2 BPSK	135	0	15.61	15.71	15.58	16.90
50	PI/2 BPSK	135	68	15.68	15.74	15.67	16.90
50	PI/2 BPSK	135	135	15.66	15.70	15.64	16.90
50	PI/2 BPSK	270	0	15.56	15.64	15.56	16.90
50	QPSK	1	1	15.66	15.71	15.58	16.90
50	QPSK	1	135	15.65	15.74	15.61	16.90
50	QPSK	1	268	15.59	15.71	15.54	16.90
50	QPSK	135	0	15.63	15.73	15.59	16.90
50	QPSK	135	68	15.64	15.72	15.58	16.90
50	QPSK	135	135	15.55	15.68	15.54	16.90
50	QPSK	270	0	15.56	15.70	15.59	16.90
50	16QAM	1	1	15.65	15.71	15.54	16.90
50	64QAM	1	1	15.65	15.68	15.53	16.90
50	256QAM	1	1	15.62	15.74	15.57	16.90
Channel				504000	507000	510000	Tune-up limit
Frequency (MHz)				2520	2535	2550	(dBm)
40	PI/2 BPSK	1	1	15.60	15.73	15.54	16.90
Channel				503500	507000	510500	Tune-up limit
Frequency (MHz)				2517.5	2535	2552.5	(dBm)
35	PI/2 BPSK	1	1	15.64	15.64	15.59	16.90
Channel				503000	507000	511000	Tune-up limit
Frequency (MHz)				2515	2535	2555	(dBm)
30	PI/2 BPSK	1	1	15.60	15.70	15.61	16.90
Channel				502500	507000	511500	Tune-up limit
Frequency (MHz)				2512.5	2535	2557.5	(dBm)
25	PI/2 BPSK	1	1	15.63	15.63	15.54	16.90
Channel				502000	507000	512000	Tune-up limit
Frequency (MHz)				2510	2535	2560	(dBm)
20	PI/2 BPSK	1	1	15.57	15.69	15.60	16.90
Channel				501500	507000	512500	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	PI/2 BPSK	1	1	15.63	15.65	15.58	16.90
Channel				501000	507000	513000	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	PI/2 BPSK	1	1	15.67	15.71	15.51	16.90
Channel				500500	507000	513500	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	PI/2 BPSK	1	1	15.64	15.70	15.54	16.90



【FR1 n7_Ant 4_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	22.61	22.76	22.59	24.00
50	PI/2 BPSK	1	135	22.70	22.71	22.59	24.00
50	PI/2 BPSK	1	268	22.53	22.66	22.49	24.00
50	PI/2 BPSK	135	0	22.06	22.23	22.11	23.50
50	PI/2 BPSK	135	68	22.76	22.86	22.66	24.00
50	PI/2 BPSK	135	135	22.12	22.18	22.08	23.50
50	PI/2 BPSK	270	0	22.17	22.27	22.07	23.50
50	QPSK	1	1	22.48	22.61	22.52	24.00
50	QPSK	1	135	22.63	22.73	22.64	24.00
50	QPSK	1	268	22.47	22.62	22.46	24.00
50	QPSK	135	0	21.63	21.76	21.64	23.00
50	QPSK	135	68	22.64	22.81	22.61	24.00
50	QPSK	135	135	21.64	21.80	21.60	23.00
50	QPSK	270	0	21.59	21.71	21.53	23.00
50	16QAM	1	1	21.46	21.65	21.52	23.00
50	64QAM	1	1	20.06	20.24	20.12	21.50
50	256QAM	1	1	18.23	18.37	18.18	19.50
Channel				504000	507000	510000	Tune-up limit
Frequency (MHz)				2520	2535	2550	(dBm)
40	PI/2 BPSK	1	1	22.55	22.54	22.54	24.00
Channel				503500	507000	510500	Tune-up limit
Frequency (MHz)				2517.5	2535	2552.5	(dBm)
35	PI/2 BPSK	1	1	22.48	22.58	22.55	24.00
Channel				503000	507000	511000	Tune-up limit
Frequency (MHz)				2515	2535	2555	(dBm)
30	PI/2 BPSK	1	1	22.52	22.51	22.55	24.00
Channel				502500	507000	511500	Tune-up limit
Frequency (MHz)				2512.5	2535	2557.5	(dBm)
25	PI/2 BPSK	1	1	22.53	22.61	22.55	24.00
Channel				502000	507000	512000	Tune-up limit
Frequency (MHz)				2510	2535	2560	(dBm)
20	PI/2 BPSK	1	1	22.46	22.64	22.58	24.00
Channel				501500	507000	512500	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	PI/2 BPSK	1	1	22.50	22.61	22.53	24.00
Channel				501000	507000	513000	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	PI/2 BPSK	1	1	22.51	22.56	22.49	24.00
Channel				500500	507000	513500	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	PI/2 BPSK	1	1	22.47	22.64	22.48	24.00

【FR1 n7_Ant 4_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	20.20	20.28	20.15	21.60
50	PI/2 BPSK	1	135	20.13	20.18	20.09	21.60
50	PI/2 BPSK	1	268	20.15	20.20	20.07	21.60
50	PI/2 BPSK	135	0	20.08	20.15	20.12	21.60
50	PI/2 BPSK	135	68	20.16	20.24	20.18	21.60
50	PI/2 BPSK	135	135	20.12	20.18	20.15	21.60
50	PI/2 BPSK	270	0	20.08	20.17	20.14	21.60
50	QPSK	1	1	20.15	20.17	20.10	21.60
50	QPSK	1	135	20.08	20.18	20.07	21.60
50	QPSK	1	268	20.17	20.13	20.12	21.60
50	QPSK	135	0	20.12	20.23	20.04	21.60
50	QPSK	135	68	20.16	20.22	20.15	21.60
50	QPSK	135	135	20.08	20.24	20.06	21.60
50	QPSK	270	0	20.06	20.21	20.03	21.60
50	16QAM	1	1	20.11	20.24	20.15	21.60
50	64QAM	1	1	20.12	20.17	20.09	21.60
50	256QAM	1	1	18.25	18.40	18.29	19.10
Channel				504000	507000	510000	Tune-up limit
Frequency (MHz)				2520	2535	2550	(dBm)
40	PI/2 BPSK	1	1	19.97	20.15	20.14	21.60



Channel				503500	507000	510500	Tune-up limit
Frequency (MHz)				2517.5	2535	2552.5	(dBm)
35	PI/2 BPSK	1	1	20.01	20.17	20.13	21.60
Channel				503000	507000	511000	Tune-up limit
Frequency (MHz)				2515	2535	2555	(dBm)
30	PI/2 BPSK	1	1	19.98	20.14	20.04	21.60
Channel				502500	507000	511500	Tune-up limit
Frequency (MHz)				2512.5	2535	2557.5	(dBm)
25	PI/2 BPSK	1	1	20.03	20.15	20.08	21.60
Channel				502000	507000	512000	Tune-up limit
Frequency (MHz)				2510	2535	2560	(dBm)
20	PI/2 BPSK	1	1	20.10	20.16	20.05	21.60
Channel				501500	507000	512500	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	PI/2 BPSK	1	1	20.07	20.20	20.12	21.60
Channel				501000	507000	513000	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	PI/2 BPSK	1	1	20.10	20.26	20.09	21.60
Channel				500500	507000	513500	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	PI/2 BPSK	1	1	20.08	20.25	20.04	21.60

【FR1 n7_Ant 4_ECI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	14.15	14.25	14.20	15.50
50	PI/2 BPSK	1	135	14.11	14.18	14.14	15.50
50	PI/2 BPSK	1	268	14.12	14.18	14.14	15.50
50	PI/2 BPSK	135	0	14.06	14.22	14.08	15.50
50	PI/2 BPSK	135	68	14.18	14.24	14.12	15.50
50	PI/2 BPSK	135	135	14.13	14.17	14.04	15.50
50	PI/2 BPSK	270	0	14.10	14.16	14.05	15.50
50	QPSK	1	1	14.07	14.21	14.15	15.50
50	QPSK	1	135	14.17	14.23	14.09	15.50
50	QPSK	1	268	14.10	14.21	14.11	15.50
50	QPSK	135	0	14.12	14.18	14.14	15.50
50	QPSK	135	68	14.09	14.15	14.05	15.50
50	QPSK	135	135	14.13	14.18	14.11	15.50
50	QPSK	270	0	14.10	14.15	14.10	15.50
50	16QAM	1	1	14.14	14.14	14.14	15.50
50	64QAM	1	1	14.14	14.14	14.09	15.50
50	256QAM	1	1	14.11	14.22	14.08	15.50
Channel				504000	507000	510000	Tune-up limit
Frequency (MHz)				2520	2535	2550	(dBm)
40	PI/2 BPSK	1	1	14.03	14.16	14.03	15.50
Channel				503500	507000	510500	Tune-up limit
Frequency (MHz)				2517.5	2535	2552.5	(dBm)
35	PI/2 BPSK	1	1	14.02	14.15	14.00	15.50
Channel				503000	507000	511000	Tune-up limit
Frequency (MHz)				2515	2535	2555	(dBm)
30	PI/2 BPSK	1	1	14.10	14.19	14.09	15.50
Channel				502500	507000	511500	Tune-up limit
Frequency (MHz)				2512.5	2535	2557.5	(dBm)
25	PI/2 BPSK	1	1	14.01	14.11	14.06	15.50
Channel				502000	507000	512000	Tune-up limit
Frequency (MHz)				2510	2535	2560	(dBm)
20	PI/2 BPSK	1	1	14.04	14.21	13.96	15.50
Channel				501500	507000	512500	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	PI/2 BPSK	1	1	14.09	14.23	14.03	15.50
Channel				501000	507000	513000	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	PI/2 BPSK	1	1	14.05	14.22	14.01	15.50
Channel				500500	507000	513500	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	PI/2 BPSK	1	1	14.07	14.11	13.98	15.50

**【FR1 n26__FCC_Ant 0_Full Power】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	22.90	22.93	22.88	24.00
20	PI/2 BPSK	1	53	22.88	22.91	22.83	24.00
20	PI/2 BPSK	1	104	22.81	22.86	22.86	24.00
20	PI/2 BPSK	50	0	22.36	22.61	22.49	23.50
20	PI/2 BPSK	50	28	22.81	22.95	22.94	24.00
20	PI/2 BPSK	50	56	22.38	22.59	22.45	23.50
20	PI/2 BPSK	100	0	22.40	22.55	22.44	23.50
20	QPSK	1	1	22.70	22.84	22.86	24.00
20	QPSK	1	53	22.84	22.88	22.88	24.00
20	QPSK	1	104	22.86	22.91	22.81	24.00
20	QPSK	50	0	21.94	22.11	21.97	23.00
20	QPSK	50	28	22.87	22.95	22.94	24.00
20	QPSK	50	56	21.87	22.01	21.81	23.00
20	QPSK	100	0	21.89	22.05	21.88	23.00
20	16QAM	1	1	22.01	22.14	22.08	23.00
20	64QAM	1	1	20.53	20.77	20.67	21.50
20	256QAM	1	1	18.49	18.65	18.58	19.50
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	22.80	22.73	22.82	24.00
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	22.73	22.73	22.76	24.00
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	22.73	22.75	22.74	24.00

【FR1 n26__FCC_Ant 0_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	22.90	22.93	22.88	24.00
20	PI/2 BPSK	1	53	22.88	22.91	22.83	24.00
20	PI/2 BPSK	1	104	22.81	22.86	22.86	24.00
20	PI/2 BPSK	50	0	22.36	22.61	22.49	23.50
20	PI/2 BPSK	50	28	22.81	22.95	22.94	24.00
20	PI/2 BPSK	50	56	22.38	22.59	22.45	23.50
20	PI/2 BPSK	100	0	22.40	22.55	22.44	23.50
20	QPSK	1	1	22.70	22.84	22.86	24.00
20	QPSK	1	53	22.84	22.88	22.88	24.00
20	QPSK	1	104	22.86	22.91	22.81	24.00
20	QPSK	50	0	21.94	22.11	21.97	23.00
20	QPSK	50	28	22.87	22.95	22.94	24.00
20	QPSK	50	56	21.87	22.01	21.81	23.00
20	QPSK	100	0	21.89	22.05	21.88	23.00
20	16QAM	1	1	22.01	22.14	22.08	23.00
20	64QAM	1	1	20.53	20.77	20.67	21.50
20	256QAM	1	1	18.49	18.65	18.58	19.50
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	22.80	22.73	22.82	24.00
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	22.73	22.73	22.76	24.00
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	22.73	22.75	22.74	24.00



【FR1 n26__FCC_Ant 0_ECI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	22.90	22.93	22.88	24.00
20	PI/2 BPSK	1	53	22.88	22.91	22.83	24.00
20	PI/2 BPSK	1	104	22.81	22.86	22.86	24.00
20	PI/2 BPSK	50	0	22.36	22.61	22.49	23.50
20	PI/2 BPSK	50	28	22.81	22.95	22.94	24.00
20	PI/2 BPSK	50	56	22.38	22.59	22.45	23.50
20	PI/2 BPSK	100	0	22.40	22.55	22.44	23.50
20	QPSK	1	1	22.70	22.84	22.86	24.00
20	QPSK	1	53	22.84	22.88	22.88	24.00
20	QPSK	1	104	22.86	22.91	22.81	24.00
20	QPSK	50	0	21.94	22.11	21.97	23.00
20	QPSK	50	28	22.87	22.95	22.94	24.00
20	QPSK	50	56	21.87	22.01	21.81	23.00
20	QPSK	100	0	21.89	22.05	21.88	23.00
20	16QAM	1	1	22.01	22.14	22.08	23.00
20	64QAM	1	1	20.53	20.77	20.67	21.50
20	256QAM	1	1	18.49	18.65	18.58	19.50
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	22.80	22.73	22.82	24.00
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	22.73	22.73	22.76	24.00
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	22.73	22.75	22.74	24.00

【FR1 n26__FCC_Ant 0_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	22.90	22.93	22.88	24.00
20	PI/2 BPSK	1	53	22.88	22.91	22.83	24.00
20	PI/2 BPSK	1	104	22.81	22.86	22.86	24.00
20	PI/2 BPSK	50	0	22.36	22.61	22.49	23.50
20	PI/2 BPSK	50	28	22.81	22.95	22.94	24.00
20	PI/2 BPSK	50	56	22.38	22.59	22.45	23.50
20	PI/2 BPSK	100	0	22.40	22.55	22.44	23.50
20	QPSK	1	1	22.70	22.84	22.86	24.00
20	QPSK	1	53	22.84	22.88	22.88	24.00
20	QPSK	1	104	22.86	22.91	22.81	24.00
20	QPSK	50	0	21.94	22.11	21.97	23.00
20	QPSK	50	28	22.87	22.95	22.94	24.00
20	QPSK	50	56	21.87	22.01	21.81	23.00
20	QPSK	100	0	21.89	22.05	21.88	23.00
20	16QAM	1	1	22.01	22.14	22.08	23.00
20	64QAM	1	1	20.53	20.77	20.67	21.50
20	256QAM	1	1	18.49	18.65	18.58	19.50
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	22.80	22.73	22.82	24.00
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	22.73	22.73	22.76	24.00
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	22.73	22.75	22.74	24.00



【FR1 n26__FCC_Ant 0_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	22.90	22.93	22.88	24.00
20	PI/2 BPSK	1	53	22.88	22.91	22.83	24.00
20	PI/2 BPSK	1	104	22.81	22.86	22.86	24.00
20	PI/2 BPSK	50	0	22.36	22.61	22.49	23.50
20	PI/2 BPSK	50	28	22.81	22.95	22.94	24.00
20	PI/2 BPSK	50	56	22.38	22.59	22.45	23.50
20	PI/2 BPSK	100	0	22.40	22.55	22.44	23.50
20	QPSK	1	1	22.70	22.84	22.86	24.00
20	QPSK	1	53	22.84	22.88	22.88	24.00
20	QPSK	1	104	22.86	22.91	22.81	24.00
20	QPSK	50	0	21.94	22.11	21.97	23.00
20	QPSK	50	28	22.87	22.95	22.94	24.00
20	QPSK	50	56	21.87	22.01	21.81	23.00
20	QPSK	100	0	21.89	22.05	21.88	23.00
20	16QAM	1	1	22.01	22.14	22.08	23.00
20	64QAM	1	1	20.53	20.77	20.67	21.50
20	256QAM	1	1	18.49	18.65	18.58	19.50
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	22.80	22.73	22.82	24.00
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	22.73	22.73	22.76	24.00
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	22.73	22.75	22.74	24.00

【FR1 n26__FCC_Ant 0_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	22.90	22.93	22.88	24.00
20	PI/2 BPSK	1	53	22.88	22.91	22.83	24.00
20	PI/2 BPSK	1	104	22.81	22.86	22.86	24.00
20	PI/2 BPSK	50	0	22.36	22.61	22.49	23.50
20	PI/2 BPSK	50	28	22.81	22.95	22.94	24.00
20	PI/2 BPSK	50	56	22.38	22.59	22.45	23.50
20	PI/2 BPSK	100	0	22.40	22.55	22.44	23.50
20	QPSK	1	1	22.70	22.84	22.86	24.00
20	QPSK	1	53	22.84	22.88	22.88	24.00
20	QPSK	1	104	22.86	22.91	22.81	24.00
20	QPSK	50	0	21.94	22.11	21.97	23.00
20	QPSK	50	28	22.87	22.95	22.94	24.00
20	QPSK	50	56	21.87	22.01	21.81	23.00
20	QPSK	100	0	21.89	22.05	21.88	23.00
20	16QAM	1	1	22.01	22.14	22.08	23.00
20	64QAM	1	1	20.53	20.77	20.67	21.50
20	256QAM	1	1	18.49	18.65	18.58	19.50
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	22.80	22.73	22.82	24.00
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	22.73	22.73	22.76	24.00
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	22.73	22.75	22.74	24.00

【FR1 n26__FCC_Ant 4_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	21.99	22.05	22.01	23.00
20	PI/2 BPSK	1	53	21.82	21.99	21.81	23.00
20	PI/2 BPSK	1	104	21.73	21.92	21.82	23.00
20	PI/2 BPSK	50	0	21.62	21.73	21.65	22.50
20	PI/2 BPSK	50	28	21.89	22.04	21.89	23.00
20	PI/2 BPSK	50	56	21.55	21.66	21.48	22.50
20	PI/2 BPSK	100	0	21.56	21.70	21.65	22.50
20	QPSK	1	1	21.86	22.01	21.88	23.00
20	QPSK	1	53	21.79	21.99	21.82	23.00
20	QPSK	1	104	21.79	21.96	21.82	23.00
20	QPSK	50	0	20.98	21.11	20.98	22.00
20	QPSK	50	28	21.87	22.03	21.94	23.00
20	QPSK	50	56	20.86	21.04	20.91	22.00
20	QPSK	100	0	21.07	21.19	21.05	22.00
20	16QAM	1	1	20.93	21.09	21.01	22.00
20	64QAM	1	1	19.61	19.76	19.63	20.50
20	256QAM	1	1	17.45	17.56	17.42	18.50
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	21.92	22.01	21.90	23.00
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	21.86	21.91	21.97	23.00
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	21.95	21.99	21.95	23.00

【FR1 n26__FCC_Ant 4_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	20.96	21.04	20.98	22.40
20	PI/2 BPSK	1	53	20.87	20.98	20.95	22.40
20	PI/2 BPSK	1	104	20.94	21.03	20.92	22.40
20	PI/2 BPSK	50	0	20.97	21.02	20.94	22.40
20	PI/2 BPSK	50	28	20.98	21.07	20.96	22.40
20	PI/2 BPSK	50	56	20.85	21.03	20.88	22.40
20	PI/2 BPSK	100	0	20.87	21.05	20.94	22.40
20	QPSK	1	1	20.86	21.00	20.90	22.40
20	QPSK	1	53	20.95	21.05	20.95	22.40
20	QPSK	1	104	20.86	20.97	20.91	22.40
20	QPSK	50	0	20.97	20.98	20.88	22.40
20	QPSK	50	28	20.94	21.00	20.94	22.40
20	QPSK	50	56	20.90	20.99	20.91	22.40
20	QPSK	100	0	20.93	21.01	20.99	22.40
20	16QAM	1	1	20.85	21.01	20.87	22.40
20	64QAM	1	1	19.54	19.68	19.55	20.90
20	256QAM	1	1	17.38	17.51	17.44	18.90
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	20.87	20.92	20.81	22.40
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	20.88	20.93	20.83	22.40
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	20.77	20.93	20.87	22.40

【FR1 n26__FCC_Ant 4_ECI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	19.48	19.52	19.50	20.90
20	PI/2 BPSK	1	53	19.45	19.45	19.47	20.90
20	PI/2 BPSK	1	104	19.42	19.47	19.48	20.90
20	PI/2 BPSK	50	0	19.43	19.45	19.42	20.90
20	PI/2 BPSK	50	28	19.48	19.50	19.43	20.90
20	PI/2 BPSK	50	56	19.39	19.47	19.40	20.90
20	PI/2 BPSK	100	0	19.48	19.50	19.42	20.90
20	QPSK	1	1	19.37	19.40	19.42	20.90
20	QPSK	1	53	19.37	19.51	19.47	20.90
20	QPSK	1	104	19.45	19.46	19.45	20.90
20	QPSK	50	0	19.38	19.52	19.48	20.90
20	QPSK	50	28	19.40	19.45	19.41	20.90
20	QPSK	50	56	19.46	19.50	19.44	20.90
20	QPSK	100	0	19.40	19.45	19.43	20.90
20	16QAM	1	1	19.46	19.51	19.52	20.90
20	64QAM	1	1	19.41	19.43	19.42	20.90
20	256QAM	1	1	17.46	17.53	17.44	18.90
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	19.26	19.42	19.48	20.90
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	19.29	19.44	19.37	20.90
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	19.28	19.49	19.36	20.90

【FR1 n26__FCC_Ant 4_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	20.48	20.53	20.51	21.90
20	PI/2 BPSK	1	53	20.44	20.47	20.50	21.90
20	PI/2 BPSK	1	104	20.46	20.44	20.48	21.90
20	PI/2 BPSK	50	0	20.42	20.48	20.43	21.90
20	PI/2 BPSK	50	28	20.46	20.51	20.48	21.90
20	PI/2 BPSK	50	56	20.44	20.46	20.45	21.90
20	PI/2 BPSK	100	0	20.43	20.49	20.43	21.90
20	QPSK	1	1	20.39	20.48	20.51	21.90
20	QPSK	1	53	20.48	20.45	20.42	21.90
20	QPSK	1	104	20.41	20.41	20.47	21.90
20	QPSK	50	0	20.44	20.49	20.46	21.90
20	QPSK	50	28	20.43	20.50	20.47	21.90
20	QPSK	50	56	20.39	20.49	20.47	21.90
20	QPSK	100	0	20.46	20.41	20.49	21.90
20	16QAM	1	1	20.44	20.41	20.43	21.90
20	64QAM	1	1	20.43	20.41	20.45	21.90
20	256QAM	1	1	17.44	17.51	17.49	18.90
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	20.33	20.48	20.40	21.90
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	20.39	20.41	20.41	21.90
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	20.36	20.46	20.40	21.90



【FR1 n26__FCC_Ant 4_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	21.99	22.05	22.01	23.00
20	PI/2 BPSK	1	53	21.82	21.99	21.81	23.00
20	PI/2 BPSK	1	104	21.73	21.92	21.82	23.00
20	PI/2 BPSK	50	0	21.62	21.73	21.65	22.50
20	PI/2 BPSK	50	28	21.89	22.04	21.89	23.00
20	PI/2 BPSK	50	56	21.55	21.66	21.48	22.50
20	PI/2 BPSK	100	0	21.56	21.70	21.65	22.50
20	QPSK	1	1	21.86	22.01	21.88	23.00
20	QPSK	1	53	21.79	21.99	21.82	23.00
20	QPSK	1	104	21.79	21.96	21.82	23.00
20	QPSK	50	0	20.98	21.11	20.98	22.00
20	QPSK	50	28	21.87	22.03	21.94	23.00
20	QPSK	50	56	20.86	21.04	20.91	22.00
20	QPSK	100	0	21.07	21.19	21.05	22.00
20	16QAM	1	1	20.93	21.09	21.01	22.00
20	64QAM	1	1	19.61	19.76	19.63	20.50
20	256QAM	1	1	17.45	17.56	17.42	18.50
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	21.92	22.01	21.90	23.00
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	21.86	21.91	21.97	23.00
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	21.95	21.99	21.95	23.00

【FR1 n26__FCC_Ant 4_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	21.99	22.05	22.01	23.00
20	PI/2 BPSK	1	53	21.82	21.99	21.81	23.00
20	PI/2 BPSK	1	104	21.73	21.92	21.82	23.00
20	PI/2 BPSK	50	0	21.62	21.73	21.65	22.50
20	PI/2 BPSK	50	28	21.89	22.04	21.89	23.00
20	PI/2 BPSK	50	56	21.55	21.66	21.48	22.50
20	PI/2 BPSK	100	0	21.56	21.70	21.65	22.50
20	QPSK	1	1	21.86	22.01	21.88	23.00
20	QPSK	1	53	21.79	21.99	21.82	23.00
20	QPSK	1	104	21.79	21.96	21.82	23.00
20	QPSK	50	0	20.98	21.11	20.98	22.00
20	QPSK	50	28	21.87	22.03	21.94	23.00
20	QPSK	50	56	20.86	21.04	20.91	22.00
20	QPSK	100	0	21.07	21.19	21.05	22.00
20	16QAM	1	1	20.93	21.09	21.01	22.00
20	64QAM	1	1	19.61	19.76	19.63	20.50
20	256QAM	1	1	17.45	17.56	17.42	18.50
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	21.92	22.01	21.90	23.00
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	21.86	21.91	21.97	23.00
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	21.95	21.99	21.95	23.00



【FR1 n38_Ant 4_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	22.56	22.51	22.49	24.00
40	PI/2 BPSK	1	53	22.41	22.44	22.33	24.00
40	PI/2 BPSK	1	104	22.43	22.37	22.35	24.00
40	PI/2 BPSK	50	0	22.00	22.06	21.96	23.50
40	PI/2 BPSK	50	28	22.48	22.44	22.35	24.00
40	PI/2 BPSK	50	56	22.07	22.03	22.01	23.50
40	PI/2 BPSK	100	0	22.08	22.07	21.99	23.50
40	QPSK	1	1	22.44	22.42	22.39	24.00
40	QPSK	1	53	22.50	22.36	22.37	24.00
40	QPSK	1	104	22.46	22.40	22.42	24.00
40	QPSK	50	0	21.50	21.46	21.53	23.00
40	QPSK	50	28	22.52	22.40	22.35	24.00
40	QPSK	50	56	21.55	21.55	21.53	23.00
40	QPSK	100	0	21.52	21.49	21.44	23.00
40	16QAM	1	1	21.57	21.49	21.46	23.00
40	64QAM	1	1	20.08	19.96	20.03	21.50
40	256QAM	1	1	18.10	18.01	17.96	19.50
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	22.42	22.39	22.45	24.00
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	22.50	22.45	22.35	24.00
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	22.50	22.41	22.48	24.00
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	22.54	22.45	22.39	24.00
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	22.47	22.45	22.38	24.00

【FR1 n38_Ant 4_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	17.06	17.02	16.95	18.30
40	PI/2 BPSK	1	53	16.98	16.87	16.84	18.30
40	PI/2 BPSK	1	104	16.92	16.94	16.89	18.30
40	PI/2 BPSK	50	0	16.92	16.86	16.85	18.30
40	PI/2 BPSK	50	28	17.01	16.95	16.93	18.30
40	PI/2 BPSK	50	56	17.01	16.92	16.87	18.30
40	PI/2 BPSK	100	0	17.01	16.85	16.86	18.30
40	QPSK	1	1	16.91	16.87	16.91	18.30
40	QPSK	1	53	16.98	16.92	16.88	18.30
40	QPSK	1	104	17.00	16.92	16.86	18.30
40	QPSK	50	0	17.02	16.87	16.94	18.30
40	QPSK	50	28	16.98	16.94	16.90	18.30
40	QPSK	50	56	16.93	16.97	16.85	18.30
40	QPSK	100	0	16.94	16.97	16.85	18.30
40	16QAM	1	1	17.02	16.97	16.94	18.30
40	64QAM	1	1	16.96	16.89	16.91	18.30
40	256QAM	1	1	16.97	16.86	16.89	18.30
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	17.02	16.90	16.94	18.30
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	17.05	16.99	16.89	18.30
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	17.04	16.94	16.87	18.30
Channel				515500	519000	522500	Tune-up limit



Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	PI/2 BPSK	1	1	16.99	16.99	16.81	18.30
Channel				515000	519000	523000	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	PI/2 BPSK	1	1	16.92	16.93	16.90	18.30

【FR1 n38_Ant 4_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	Tune-up limit (dBm)
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	15.50	15.52	15.51	16.70
40	PI/2 BPSK	1	53	15.19	15.36	15.40	16.70
40	PI/2 BPSK	1	104	15.24	15.35	15.36	16.70
40	PI/2 BPSK	50	0	15.29	15.40	15.41	16.70
40	PI/2 BPSK	50	28	15.36	15.46	15.35	16.70
40	PI/2 BPSK	50	56	15.35	15.40	15.40	16.70
40	PI/2 BPSK	100	0	15.39	15.45	15.43	16.70
40	QPSK	1	1	15.25	15.42	15.42	16.70
40	QPSK	1	53	15.26	15.43	15.41	16.70
40	QPSK	1	104	15.21	15.36	15.45	16.70
40	QPSK	50	0	15.37	15.46	15.45	16.70
40	QPSK	50	28	15.31	15.38	15.33	16.70
40	QPSK	50	56	15.29	15.40	15.36	16.70
40	QPSK	100	0	15.26	15.41	15.36	16.70
40	16QAM	1	1	15.23	15.38	15.38	16.70
40	64QAM	1	1	15.29	15.36	15.34	16.70
40	256QAM	1	1	15.31	15.41	15.34	16.70
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	15.44	15.43	15.44	16.70
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	15.37	15.40	15.45	16.70
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	15.38	15.42	15.44	16.70
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	15.39	15.40	15.44	16.70
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	15.39	15.46	15.43	16.70

【FR1 n38_Ant 4_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	Tune-up limit (dBm)
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	22.56	22.51	22.49	24.00
40	PI/2 BPSK	1	53	22.41	22.44	22.33	24.00
40	PI/2 BPSK	1	104	22.43	22.37	22.35	24.00
40	PI/2 BPSK	50	0	22.00	22.06	21.96	23.50
40	PI/2 BPSK	50	28	22.48	22.44	22.35	24.00
40	PI/2 BPSK	50	56	22.07	22.03	22.01	23.50
40	PI/2 BPSK	100	0	22.08	22.07	21.99	23.50
40	QPSK	1	1	22.44	22.42	22.39	24.00
40	QPSK	1	53	22.50	22.36	22.37	24.00
40	QPSK	1	104	22.46	22.40	22.42	24.00
40	QPSK	50	0	21.50	21.46	21.53	23.00
40	QPSK	50	28	22.52	22.40	22.35	24.00
40	QPSK	50	56	21.55	21.55	21.53	23.00
40	QPSK	100	0	21.52	21.49	21.44	23.00
40	16QAM	1	1	21.57	21.49	21.46	23.00
40	64QAM	1	1	20.08	19.96	20.03	21.50
40	256QAM	1	1	18.10	18.01	17.96	19.50
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	22.42	22.39	22.45	24.00



Channel				516500	519000	521500	Tune-up limit
Frequency (MHz)				2582.5	2595	2607.5	(dBm)
25	PI/2 BPSK	1	1	22.50	22.45	22.35	24.00
Channel				516000	519000	522000	Tune-up limit
Frequency (MHz)				2580	2595	2610	(dBm)
20	PI/2 BPSK	1	1	22.50	22.41	22.48	24.00
Channel				515500	519000	522500	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	PI/2 BPSK	1	1	22.54	22.45	22.39	24.00
Channel				515000	519000	523000	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	PI/2 BPSK	1	1	22.47	22.45	22.38	24.00

【FR1 n38_Ant 4_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	21.01	21.01	21.04	22.10
40	PI/2 BPSK	1	53	21.02	20.95	20.92	22.10
40	PI/2 BPSK	1	104	21.00	20.89	20.93	22.10
40	PI/2 BPSK	50	0	20.97	20.89	20.93	22.10
40	PI/2 BPSK	50	28	21.00	20.91	20.91	22.10
40	PI/2 BPSK	50	56	20.91	20.89	20.90	22.10
40	PI/2 BPSK	100	0	20.96	20.88	20.90	22.10
40	QPSK	1	1	20.90	20.96	20.83	22.10
40	QPSK	1	53	20.91	20.95	20.95	22.10
40	QPSK	1	104	20.99	20.88	20.85	22.10
40	QPSK	50	0	20.96	20.85	20.90	22.10
40	QPSK	50	28	20.98	20.89	20.89	22.10
40	QPSK	50	56	20.94	20.89	20.87	22.10
40	QPSK	100	0	20.99	20.95	20.92	22.10
40	16QAM	1	1	21.01	20.94	20.94	22.10
40	64QAM	1	1	20.09	19.97	20.03	21.10
40	256QAM	1	1	18.11	18.07	17.98	19.10
Channel				517000	519000	521000	Tune-up limit
Frequency (MHz)				2585	2595	2605	(dBm)
30	PI/2 BPSK	1	1	20.93	20.91	20.95	22.10
Channel				516500	519000	521500	Tune-up limit
Frequency (MHz)				2582.5	2595	2607.5	(dBm)
25	PI/2 BPSK	1	1	21.00	20.95	20.98	22.10
Channel				516000	519000	522000	Tune-up limit
Frequency (MHz)				2580	2595	2610	(dBm)
20	PI/2 BPSK	1	1	20.90	20.99	20.91	22.10
Channel				515500	519000	522500	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	PI/2 BPSK	1	1	20.86	20.99	20.89	22.10
Channel				515000	519000	523000	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	PI/2 BPSK	1	1	20.98	20.89	20.95	22.10

【FR1 n38_Ant 4_ECI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	14.60	14.46	14.50	15.80
40	PI/2 BPSK	1	53	14.41	14.40	14.36	15.80
40	PI/2 BPSK	1	104	14.51	14.42	14.35	15.80
40	PI/2 BPSK	50	0	14.46	14.43	14.40	15.80
40	PI/2 BPSK	50	28	14.41	14.45	14.36	15.80
40	PI/2 BPSK	50	56	14.50	14.35	14.34	15.80
40	PI/2 BPSK	100	0	14.47	14.41	14.34	15.80
40	QPSK	1	1	14.41	14.41	14.38	15.80
40	QPSK	1	53	14.45	14.45	14.43	15.80
40	QPSK	1	104	14.40	14.46	14.34	15.80
40	QPSK	50	0	14.52	14.43	14.37	15.80
40	QPSK	50	28	14.47	14.45	14.40	15.80
40	QPSK	50	56	14.49	14.41	14.44	15.80



40	QPSK	100	0	14.46	14.37	14.37	15.80
40	16QAM	1	1	14.45	14.43	14.34	15.80
40	64QAM	1	1	14.51	14.39	14.42	15.80
40	256QAM	1	1	14.52	14.43	14.43	15.80
Channel				517000	519000	521000	Tune-up limit
Frequency (MHz)				2585	2595	2605	(dBm)
30	PI/2 BPSK	1	1	14.50	14.36	14.45	15.80
Channel				516500	519000	521500	Tune-up limit
Frequency (MHz)				2582.5	2595	2607.5	(dBm)
25	PI/2 BPSK	1	1	14.54	14.44	14.35	15.80
Channel				516000	519000	522000	Tune-up limit
Frequency (MHz)				2580	2595	2610	(dBm)
20	PI/2 BPSK	1	1	14.57	14.34	14.43	15.80
Channel				515500	519000	522500	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	PI/2 BPSK	1	1	14.49	14.32	14.41	15.80
Channel				515000	519000	523000	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	PI/2 BPSK	1	1	14.47	14.31	14.36	15.80

【FR1 n41__FCC_Ant 4_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	22.67	22.79	22.71	24.00
100	PI/2 BPSK	1	137	22.50	22.72	22.52	24.00
100	PI/2 BPSK	1	271	22.54	22.69	22.58	24.00
100	PI/2 BPSK	135	0	22.29	22.47	22.32	23.50
100	PI/2 BPSK	135	69	22.58	22.72	22.56	24.00
100	PI/2 BPSK	135	138	22.22	22.43	22.32	23.50
100	PI/2 BPSK	270	0	22.30	22.44	22.24	23.50
100	QPSK	1	1	22.36	22.63	22.44	24.00
100	QPSK	1	137	22.44	22.68	22.54	24.00
100	QPSK	1	271	22.44	22.67	22.52	24.00
100	QPSK	135	0	21.64	21.82	21.67	23.00
100	QPSK	135	69	22.43	22.69	22.52	24.00
100	QPSK	135	138	21.57	21.73	21.51	23.00
100	QPSK	270	0	21.48	21.68	21.55	23.00
100	16QAM	1	1	21.21	21.46	21.35	23.00
100	64QAM	1	1	19.98	20.11	19.95	21.50
100	256QAM	1	1	17.79	18.01	17.92	19.50
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	22.64	22.77	22.64	24.00
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	22.52	22.72	22.65	24.00
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	22.59	22.70	22.68	24.00
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	22.62	22.76	22.61	24.00
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	22.54	22.75	22.58	24.00
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	22.54	22.76	22.69	24.00
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	22.61	22.72	22.68	24.00
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	22.53	22.67	22.69	24.00
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	22.54	22.67	22.69	24.00
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	22.53	22.72	22.66	24.00
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)



FCC SAR Test Report

Report No. : FA5O1022-01

20	PI/2 BPSK	1	1	22.55	22.66	22.68	24.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	22.57	22.71	22.68	24.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	22.54	22.70	22.64	24.00

【FR1 n41__FCC_Ant 4_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	17.22	17.23	17.24	18.30
100	PI/2 BPSK	1	137	17.04	17.14	17.13	18.30
100	PI/2 BPSK	1	271	17.09	17.18	17.11	18.30
100	PI/2 BPSK	135	0	17.11	17.16	17.10	18.30
100	PI/2 BPSK	135	69	17.15	17.21	17.16	18.30
100	PI/2 BPSK	135	138	17.06	17.20	17.12	18.30
100	PI/2 BPSK	270	0	17.05	17.16	17.08	18.30
100	QPSK	1	1	17.13	17.20	17.10	18.30
100	QPSK	1	137	17.11	17.24	17.17	18.30
100	QPSK	1	271	17.08	17.20	17.13	18.30
100	QPSK	135	0	17.05	17.18	17.08	18.30
100	QPSK	135	69	17.03	17.13	17.13	18.30
100	QPSK	135	138	17.07	17.15	17.15	18.30
100	QPSK	270	0	17.01	17.18	17.12	18.30
100	16QAM	1	1	17.05	17.23	17.12	18.30
100	64QAM	1	1	17.12	17.18	17.05	18.30
100	256QAM	1	1	17.06	17.19	17.16	18.30
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	17.19	17.12	17.16	18.30
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	17.20	17.13	17.22	18.30
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	17.09	17.17	17.10	18.30
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	17.09	17.09	17.10	18.30
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	17.13	17.12	17.16	18.30
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	17.17	17.15	17.10	18.30
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	17.19	17.19	17.18	18.30
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	17.20	17.12	17.21	18.30
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	17.09	17.20	17.16	18.30
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	17.16	17.18	17.16	18.30
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	17.10	17.19	17.15	18.30
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	17.16	17.16	17.16	18.30
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	17.20	17.08	17.17	18.30


【FR1 n41__FCC_Ant 4_ECI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	14.69	14.77	14.70	15.80
100	PI/2 BPSK	1	137	14.53	14.70	14.57	15.80
100	PI/2 BPSK	1	271	14.52	14.68	14.60	15.80
100	PI/2 BPSK	135	0	14.51	14.64	14.56	15.80
100	PI/2 BPSK	135	69	14.62	14.75	14.66	15.80
100	PI/2 BPSK	135	138	14.57	14.72	14.67	15.80
100	PI/2 BPSK	270	0	14.54	14.68	14.57	15.80
100	QPSK	1	1	14.55	14.73	14.63	15.80
100	QPSK	1	137	14.55	14.64	14.65	15.80
100	QPSK	1	271	14.56	14.65	14.55	15.80
100	QPSK	135	0	14.59	14.65	14.63	15.80
100	QPSK	135	69	14.59	14.70	14.59	15.80
100	QPSK	135	138	14.61	14.67	14.62	15.80
100	QPSK	270	0	14.54	14.68	14.59	15.80
100	16QAM	1	1	14.60	14.72	14.56	15.80
100	64QAM	1	1	14.57	14.68	14.64	15.80
100	256QAM	1	1	14.54	14.69	14.63	15.80
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	14.60	14.71	14.60	15.80
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	14.55	14.74	14.65	15.80
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	14.56	14.76	14.62	15.80
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	14.60	14.66	14.55	15.80
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	14.64	14.68	14.58	15.80
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	14.55	14.69	14.63	15.80
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	14.61	14.75	14.63	15.80
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	14.58	14.62	14.56	15.80
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	14.65	14.63	14.68	15.80
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	14.60	14.66	14.56	15.80
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	14.63	14.72	14.64	15.80
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	14.62	14.73	14.64	15.80
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	14.56	14.68	14.56	15.80



【FR1 n41_FCC_Ant 4_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	15.71	15.78	15.72	16.70
100	PI/2 BPSK	1	137	15.63	15.68	15.67	16.70
100	PI/2 BPSK	1	271	15.57	15.68	15.56	16.70
100	PI/2 BPSK	135	0	15.57	15.66	15.56	16.70
100	PI/2 BPSK	135	69	15.63	15.69	15.66	16.70
100	PI/2 BPSK	135	138	15.52	15.65	15.55	16.70
100	PI/2 BPSK	270	0	15.56	15.68	15.62	16.70
100	QPSK	1	1	15.53	15.74	15.61	16.70
100	QPSK	1	137	15.60	15.67	15.61	16.70
100	QPSK	1	271	15.51	15.72	15.56	16.70
100	QPSK	135	0	15.54	15.65	15.55	16.70
100	QPSK	135	69	15.60	15.64	15.57	16.70
100	QPSK	135	138	15.52	15.71	15.62	16.70
100	QPSK	270	0	15.55	15.63	15.58	16.70
100	16QAM	1	1	15.53	15.63	15.66	16.70
100	64QAM	1	1	15.59	15.66	15.63	16.70
100	256QAM	1	1	15.52	15.67	15.58	16.70
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	15.60	15.75	15.55	16.70
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	15.66	15.71	15.54	16.70
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	15.70	15.70	15.61	16.70
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	15.59	15.71	15.55	16.70
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	15.58	15.75	15.59	16.70
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	15.59	15.64	15.55	16.70
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	15.58	15.63	15.55	16.70
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	15.64	15.65	15.53	16.70
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	15.63	15.74	15.52	16.70
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	15.59	15.67	15.60	16.70
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	15.64	15.63	15.62	16.70
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	15.68	15.67	15.56	16.70
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	15.57	15.72	15.58	16.70



【FR1 n41_FCC_Ant 4_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	21.23	21.33	21.21	22.10
100	PI/2 BPSK	1	137	21.13	21.19	21.11	22.10
100	PI/2 BPSK	1	271	21.09	21.16	21.14	22.10
100	PI/2 BPSK	135	0	21.09	21.19	21.07	22.10
100	PI/2 BPSK	135	69	21.16	21.25	21.17	22.10
100	PI/2 BPSK	135	138	21.06	21.18	21.16	22.10
100	PI/2 BPSK	270	0	21.13	21.18	21.07	22.10
100	QPSK	1	1	21.12	21.15	21.06	22.10
100	QPSK	1	137	21.06	21.17	21.16	22.10
100	QPSK	1	271	21.10	21.24	21.08	22.10
100	QPSK	135	0	21.04	21.21	21.07	22.10
100	QPSK	135	69	21.08	21.23	21.16	22.10
100	QPSK	135	138	21.04	21.22	21.06	22.10
100	QPSK	270	0	21.12	21.19	21.06	22.10
100	16QAM	1	1	21.09	21.22	21.10	22.10
100	64QAM	1	1	20.23	20.33	20.25	21.10
100	256QAM	1	1	18.19	18.33	18.18	19.10
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	20.98	21.22	21.17	22.10
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	21.09	21.23	21.19	22.10
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	21.09	21.21	21.20	22.10
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	21.03	21.21	21.13	22.10
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	21.02	21.20	21.16	22.10
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	20.98	21.19	21.16	22.10
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	21.04	21.28	21.16	22.10
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	21.04	21.19	21.13	22.10
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	21.07	21.18	21.15	22.10
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	21.09	21.25	21.06	22.10
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	21.03	21.19	21.12	22.10
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	20.99	21.22	21.11	22.10
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	20.97	21.21	21.07	22.10



【FR1 n41_FCC_Ant 4_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	22.67	22.79	22.71	24.00
100	PI/2 BPSK	1	137	22.50	22.72	22.52	24.00
100	PI/2 BPSK	1	271	22.54	22.69	22.58	24.00
100	PI/2 BPSK	135	0	22.29	22.47	22.32	23.50
100	PI/2 BPSK	135	69	22.58	22.72	22.56	24.00
100	PI/2 BPSK	135	138	22.22	22.43	22.32	23.50
100	PI/2 BPSK	270	0	22.30	22.44	22.24	23.50
100	QPSK	1	1	22.36	22.63	22.44	24.00
100	QPSK	1	137	22.44	22.68	22.54	24.00
100	QPSK	1	271	22.44	22.67	22.52	24.00
100	QPSK	135	0	21.64	21.82	21.67	23.00
100	QPSK	135	69	22.43	22.69	22.52	24.00
100	QPSK	135	138	21.57	21.73	21.51	23.00
100	QPSK	270	0	21.48	21.68	21.55	23.00
100	16QAM	1	1	21.21	21.46	21.35	23.00
100	64QAM	1	1	19.98	20.11	19.95	21.50
100	256QAM	1	1	17.79	18.01	17.92	19.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	22.64	22.77	22.64	24.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.52	22.72	22.65	24.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	22.59	22.70	22.68	24.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	22.62	22.76	22.61	24.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	22.54	22.75	22.58	24.00
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	22.54	22.76	22.69	24.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	22.61	22.72	22.68	24.00
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	22.53	22.67	22.69	24.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	22.54	22.67	22.69	24.00
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	22.53	22.72	22.66	24.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.55	22.66	22.68	24.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	22.57	22.71	22.68	24.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	22.54	22.70	22.64	24.00



【FR1 n66_Ant 0_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	22.57	22.65	22.51	24.00
45	PI/2 BPSK	1	120	22.55	22.61	22.44	24.00
45	PI/2 BPSK	1	240	22.41	22.51	22.37	24.00
45	PI/2 BPSK	120	0	21.98	22.23	22.00	23.50
45	PI/2 BPSK	120	60	22.55	22.67	22.61	24.00
45	PI/2 BPSK	120	120	21.97	22.15	21.99	23.50
45	PI/2 BPSK	240	0	21.86	22.10	21.89	23.50
45	QPSK	1	1	22.45	22.56	22.40	24.00
45	QPSK	1	120	22.49	22.61	22.54	24.00
45	QPSK	1	240	22.48	22.55	22.39	24.00
45	QPSK	120	0	21.63	21.84	21.62	23.00
45	QPSK	120	60	22.51	22.66	22.60	24.00
45	QPSK	120	120	21.57	21.74	21.56	23.00
45	QPSK	240	0	21.44	21.69	21.50	23.00
45	16QAM	1	1	22.53	22.70	22.49	23.00
45	64QAM	1	1	21.28	21.43	21.26	21.50
45	256QAM	1	1	19.16	19.35	19.21	19.50
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	22.42	22.40	22.38	24.00
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	22.40	22.41	22.38	24.00
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	22.51	22.41	22.39	24.00
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	22.45	22.42	22.49	24.00
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	22.51	22.52	22.43	24.00
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	22.52	22.47	22.49	24.00
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	22.40	22.49	22.48	24.00
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	22.52	22.45	22.50	24.00

【FR1 n66_Ant 0_full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	23.46	23.56	23.40	24.00
45	PI/2 BPSK	1	120	23.35	23.38	23.29	24.00
45	PI/2 BPSK	1	240	23.37	23.39	23.26	24.00
45	PI/2 BPSK	120	0	23.01	22.99	22.94	23.50
45	PI/2 BPSK	120	60	23.35	23.41	23.37	24.00
45	PI/2 BPSK	120	120	22.98	22.96	22.96	23.50
45	PI/2 BPSK	240	0	23.01	23.06	22.88	23.50
45	QPSK	1	1	23.32	23.40	23.35	24.00
45	QPSK	1	120	23.36	23.42	23.26	24.00
45	QPSK	1	240	23.39	23.44	23.26	24.00
45	QPSK	120	0	22.52	22.51	22.36	23.00
45	QPSK	120	60	23.35	23.35	23.31	24.00
45	QPSK	120	120	22.48	22.51	22.43	23.00
45	QPSK	240	0	22.44	22.46	22.40	23.00
45	16QAM	1	1	22.45	22.47	22.41	23.00
45	64QAM	1	1	20.93	21.03	20.88	21.50
45	256QAM	1	1	18.98	19.06	18.93	19.50
Channel				346000	349000	352000	Tune-up limit



	Frequency (MHz)			1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	23.35	23.46	23.29	24.00
	Channel			345500	349000	352500	Tune-up limit
	Frequency (MHz)			1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	23.42	23.50	23.29	24.00
	Channel			345000	349000	353000	Tune-up limit
	Frequency (MHz)			1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	23.34	23.55	23.37	24.00
	Channel			344500	349000	353500	Tune-up limit
	Frequency (MHz)			1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	23.41	23.46	23.38	24.00
	Channel			344000	349000	354000	Tune-up limit
	Frequency (MHz)			1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	23.35	23.52	23.25	24.00
	Channel			343500	349000	354500	Tune-up limit
	Frequency (MHz)			1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	23.37	23.41	23.29	24.00
	Channel			343000	349000	355000	Tune-up limit
	Frequency (MHz)			1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	23.36	23.52	23.30	24.00
	Channel			342500	349000	355500	Tune-up limit
	Frequency (MHz)			1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	23.38	23.52	23.36	24.00

【FR1 n66_Ant 0_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel			346500	349000	351500	
	Frequency (MHz)			1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	22.57	22.65	22.51	24.00
45	PI/2 BPSK	1	120	22.55	22.61	22.44	24.00
45	PI/2 BPSK	1	240	22.41	22.51	22.37	24.00
45	PI/2 BPSK	120	0	21.98	22.23	22.00	23.50
45	PI/2 BPSK	120	60	22.55	22.67	22.61	24.00
45	PI/2 BPSK	120	120	21.97	22.15	21.99	23.50
45	PI/2 BPSK	240	0	21.86	22.10	21.89	23.50
45	QPSK	1	1	22.45	22.56	22.40	24.00
45	QPSK	1	120	22.49	22.61	22.54	24.00
45	QPSK	1	240	22.48	22.55	22.39	24.00
45	QPSK	120	0	21.63	21.84	21.62	23.00
45	QPSK	120	60	22.51	22.66	22.60	24.00
45	QPSK	120	120	21.57	21.74	21.56	23.00
45	QPSK	240	0	21.44	21.69	21.50	23.00
45	16QAM	1	1	22.53	22.70	22.49	23.00
45	64QAM	1	1	21.28	21.43	21.26	21.50
45	256QAM	1	1	19.16	19.35	19.21	19.50
	Channel			346000	349000	352000	Tune-up limit
	Frequency (MHz)			1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	22.42	22.40	22.38	24.00
	Channel			345500	349000	352500	Tune-up limit
	Frequency (MHz)			1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	22.40	22.41	22.38	24.00
	Channel			345000	349000	353000	Tune-up limit
	Frequency (MHz)			1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	22.51	22.41	22.39	24.00
	Channel			344500	349000	353500	Tune-up limit
	Frequency (MHz)			1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	22.45	22.42	22.49	24.00
	Channel			344000	349000	354000	Tune-up limit
	Frequency (MHz)			1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	22.51	22.52	22.43	24.00
	Channel			343500	349000	354500	Tune-up limit
	Frequency (MHz)			1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	22.52	22.47	22.49	24.00
	Channel			343000	349000	355000	Tune-up limit
	Frequency (MHz)			1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	22.40	22.49	22.48	24.00
	Channel			342500	349000	355500	Tune-up limit
	Frequency (MHz)			1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	22.52	22.45	22.50	24.00

**【FR1 n66_Ant 0_ECI 2-1】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	22.53	22.59	22.41	24.00
45	PI/2 BPSK	1	120	22.50	22.56	22.38	24.00
45	PI/2 BPSK	1	240	22.30	22.41	22.25	24.00
45	PI/2 BPSK	120	0	21.88	22.18	21.94	23.50
45	PI/2 BPSK	120	60	22.41	22.63	22.50	24.00
45	PI/2 BPSK	120	120	21.91	22.09	21.96	23.50
45	PI/2 BPSK	240	0	21.79	21.98	21.79	23.50
45	QPSK	1	1	22.37	22.41	22.25	24.00
45	QPSK	1	120	22.41	22.50	22.49	24.00
45	QPSK	1	240	22.40	22.41	22.26	24.00
45	QPSK	120	0	21.48	21.73	21.49	23.00
45	QPSK	120	60	22.44	22.59	22.47	24.00
45	QPSK	120	120	21.47	21.70	21.46	23.00
45	QPSK	240	0	21.37	21.60	21.36	23.00
45	16QAM	1	1	22.50	22.63	22.40	23.00
45	64QAM	1	1	21.16	21.37	21.12	21.50
45	256QAM	1	1	19.09	19.29	19.17	19.50
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	22.40	22.51	22.40	24.00
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	22.42	22.58	22.39	24.00
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	22.41	22.52	22.32	24.00
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	22.34	22.45	22.36	24.00
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	22.32	22.45	22.31	24.00
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	22.41	22.49	22.34	24.00
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	22.32	22.55	22.37	24.00
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	22.41	22.53	22.31	24.00

【FR1 n66_Ant 0_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	16.10	16.17	16.08	17.60
45	PI/2 BPSK	1	120	16.00	16.14	16.03	17.60
45	PI/2 BPSK	1	240	16.07	16.09	16.01	17.60
45	PI/2 BPSK	120	0	15.99	16.09	16.03	17.60
45	PI/2 BPSK	120	60	16.13	16.15	16.05	17.60
45	PI/2 BPSK	120	120	16.10	16.10	15.96	17.60
45	PI/2 BPSK	240	0	16.04	16.08	16.04	17.60
45	QPSK	1	1	16.09	16.11	16.03	17.60
45	QPSK	1	120	16.07	16.07	16.03	17.60
45	QPSK	1	240	16.04	16.17	16.06	17.60
45	QPSK	120	0	16.06	16.10	16.07	17.60
45	QPSK	120	60	16.04	16.09	16.00	17.60
45	QPSK	120	120	16.08	16.06	16.02	17.60
45	QPSK	240	0	16.08	16.07	15.95	17.60
45	16QAM	1	1	16.06	16.08	16.02	17.60
45	64QAM	1	1	16.01	16.11	15.97	17.60
45	256QAM	1	1	16.08	16.09	15.99	17.60
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	15.89	16.06	15.95	17.60



Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	15.94	16.03	15.94	17.60
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	15.93	16.11	15.95	17.60
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	15.92	16.08	15.89	17.60
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	15.98	16.12	15.90	17.60
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	16.00	16.15	15.99	17.60
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	16.00	16.12	15.95	17.60
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	15.98	16.09	15.94	17.60

【FR1 n66_Ant 0_ECI 3-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	15.97	16.05	16.00	17.60
45	PI/2 BPSK	1	120	15.95	15.99	15.89	17.60
45	PI/2 BPSK	1	240	15.99	15.97	15.93	17.60
45	PI/2 BPSK	120	0	15.85	15.99	15.92	17.60
45	PI/2 BPSK	120	60	16.00	16.03	15.96	17.60
45	PI/2 BPSK	120	120	15.92	15.98	15.88	17.60
45	PI/2 BPSK	240	0	15.95	15.98	15.86	17.60
45	QPSK	1	1	15.82	15.97	15.91	17.60
45	QPSK	1	120	15.84	15.98	15.91	17.60
45	QPSK	1	240	15.85	16.02	15.99	17.60
45	QPSK	120	0	15.84	16.06	15.99	17.60
45	QPSK	120	60	15.86	16.02	15.85	17.60
45	QPSK	120	120	15.86	16.00	15.94	17.60
45	QPSK	240	0	15.78	15.93	15.91	17.60
45	16QAM	1	1	15.87	16.05	15.87	17.60
45	64QAM	1	1	15.88	16.05	15.82	17.60
45	256QAM	1	1	15.87	16.03	15.87	17.60
Channel				346000	349000	352000	Tune-up limit
Frequency (MHz)				1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	15.85	15.91	15.88	17.60
Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	15.94	15.97	15.99	17.60
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	15.93	15.96	15.88	17.60
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	15.84	15.96	15.96	17.60
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	15.89	16.00	15.95	17.60
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	15.86	15.97	15.89	17.60
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	15.88	15.97	15.98	17.60
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	15.88	16.00	15.96	17.60



【FR1 n66_Ant 0_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346500	349000	351500	Tune-up limit (dBm)
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	22.57	22.65	22.51	24.00
45	PI/2 BPSK	1	120	22.55	22.61	22.44	24.00
45	PI/2 BPSK	1	240	22.41	22.51	22.37	24.00
45	PI/2 BPSK	120	0	21.98	22.23	22.00	23.50
45	PI/2 BPSK	120	60	22.55	22.67	22.61	24.00
45	PI/2 BPSK	120	120	21.97	22.15	21.99	23.50
45	PI/2 BPSK	240	0	21.86	22.10	21.89	23.50
45	QPSK	1	1	22.45	22.56	22.40	24.00
45	QPSK	1	120	22.49	22.61	22.54	24.00
45	QPSK	1	240	22.48	22.55	22.39	24.00
45	QPSK	120	0	21.63	21.84	21.62	23.00
45	QPSK	120	60	22.51	22.66	22.60	24.00
45	QPSK	120	120	21.57	21.74	21.56	23.00
45	QPSK	240	0	21.44	21.69	21.50	23.00
45	16QAM	1	1	22.53	22.70	22.49	23.00
45	64QAM	1	1	21.28	21.43	21.26	21.50
45	256QAM	1	1	19.16	19.35	19.21	19.50
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	22.42	22.40	22.38	24.00
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	22.40	22.41	22.38	24.00
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	22.51	22.41	22.39	24.00
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	22.45	22.42	22.49	24.00
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	22.51	22.52	22.43	24.00
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	22.52	22.47	22.49	24.00
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	22.40	22.49	22.48	24.00
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	22.52	22.45	22.50	24.00

【FR1 n66_Ant 0_ECI 4-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346500	349000	351500	Tune-up limit (dBm)
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	23.46	23.56	23.40	24.00
45	PI/2 BPSK	1	120	23.35	23.38	23.29	24.00
45	PI/2 BPSK	1	240	23.37	23.39	23.26	24.00
45	PI/2 BPSK	120	0	23.01	22.99	22.94	23.50
45	PI/2 BPSK	120	60	23.35	23.41	23.37	24.00
45	PI/2 BPSK	120	120	22.98	22.96	22.96	23.50
45	PI/2 BPSK	240	0	23.01	23.06	22.88	23.50
45	QPSK	1	1	23.32	23.40	23.35	24.00
45	QPSK	1	120	23.36	23.42	23.26	24.00
45	QPSK	1	240	23.39	23.44	23.26	24.00
45	QPSK	120	0	22.52	22.51	22.36	23.00
45	QPSK	120	60	23.35	23.35	23.31	24.00
45	QPSK	120	120	22.48	22.51	22.43	23.00
45	QPSK	240	0	22.44	22.46	22.40	23.00
45	16QAM	1	1	22.45	22.47	22.41	23.00
45	64QAM	1	1	20.93	21.03	20.88	21.50
45	256QAM	1	1	18.98	19.06	18.93	19.50
Channel				346000	349000	352000	Tune-up limit



FCC SAR Test Report

Report No. : FA5O1022-01

	Frequency (MHz)			1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	23.35	23.46	23.29	24.00
	Channel			345500	349000	352500	Tune-up limit
	Frequency (MHz)			1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	23.42	23.50	23.29	24.00
	Channel			345000	349000	353000	Tune-up limit
	Frequency (MHz)			1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	23.34	23.55	23.37	24.00
	Channel			344500	349000	353500	Tune-up limit
	Frequency (MHz)			1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	23.41	23.46	23.38	24.00
	Channel			344000	349000	354000	Tune-up limit
	Frequency (MHz)			1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	23.35	23.52	23.25	24.00
	Channel			343500	349000	354500	Tune-up limit
	Frequency (MHz)			1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	23.37	23.41	23.29	24.00
	Channel			343000	349000	355000	Tune-up limit
	Frequency (MHz)			1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	23.36	23.52	23.30	24.00
	Channel			342500	349000	355500	Tune-up limit
	Frequency (MHz)			1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	23.38	23.52	23.36	24.00

【FR1 n66_Ant 0_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel			346500	349000	351500	
	Frequency (MHz)			1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	20.58	20.68	20.61	21.80
45	PI/2 BPSK	1	120	20.55	20.58	20.48	21.80
45	PI/2 BPSK	1	240	20.56	20.66	20.57	21.80
45	PI/2 BPSK	120	0	20.56	20.64	20.52	21.80
45	PI/2 BPSK	120	60	20.57	20.69	20.55	21.80
45	PI/2 BPSK	120	120	20.51	20.67	20.52	21.80
45	PI/2 BPSK	240	0	20.53	20.61	20.54	21.80
45	QPSK	1	1	20.58	20.57	20.50	21.80
45	QPSK	1	120	20.56	20.66	20.56	21.80
45	QPSK	1	240	20.60	20.59	20.56	21.80
45	QPSK	120	0	20.50	20.65	20.45	21.80
45	QPSK	120	60	20.53	20.56	20.54	21.80
45	QPSK	120	120	20.52	20.65	20.55	21.80
45	QPSK	240	0	20.54	20.56	20.56	21.80
45	16QAM	1	1	20.49	20.62	20.55	21.80
45	64QAM	1	1	20.44	20.48	20.45	21.30
45	256QAM	1	1	19.10	19.25	19.18	19.30
	Channel			346000	349000	352000	Tune-up limit
	Frequency (MHz)			1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	20.53	20.54	20.40	21.80
	Channel			345500	349000	352500	Tune-up limit
	Frequency (MHz)			1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	20.54	20.58	20.38	21.80
	Channel			345000	349000	353000	Tune-up limit
	Frequency (MHz)			1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	20.55	20.66	20.47	21.80
	Channel			344500	349000	353500	Tune-up limit
	Frequency (MHz)			1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	20.45	20.66	20.51	21.80
	Channel			344000	349000	354000	Tune-up limit
	Frequency (MHz)			1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	20.47	20.66	20.48	21.80
	Channel			343500	349000	354500	Tune-up limit
	Frequency (MHz)			1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	20.46	20.54	20.47	21.80
	Channel			343000	349000	355000	Tune-up limit
	Frequency (MHz)			1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	20.57	20.65	20.46	21.80
	Channel			342500	349000	355500	Tune-up limit
	Frequency (MHz)			1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	20.54	20.61	20.50	21.80

**【FR1 n66_Ant 0_ECI 6-1】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	20.56	20.63	20.57	21.80
45	PI/2 BPSK	1	120	20.42	20.51	20.41	21.80
45	PI/2 BPSK	1	240	20.51	20.57	20.48	21.80
45	PI/2 BPSK	120	0	20.50	20.55	20.42	21.80
45	PI/2 BPSK	120	60	20.53	20.62	20.50	21.80
45	PI/2 BPSK	120	120	20.42	20.52	20.47	21.80
45	PI/2 BPSK	240	0	20.45	20.54	20.48	21.80
45	QPSK	1	1	20.50	20.52	20.41	21.80
45	QPSK	1	120	20.43	20.56	20.52	21.80
45	QPSK	1	240	20.50	20.51	20.49	21.80
45	QPSK	120	0	20.47	20.54	20.40	21.80
45	QPSK	120	60	20.39	20.47	20.47	21.80
45	QPSK	120	120	20.42	20.55	20.48	21.80
45	QPSK	240	0	20.47	20.42	20.45	21.80
45	16QAM	1	1	20.43	20.57	20.45	21.80
45	64QAM	1	1	20.37	20.35	20.33	21.80
45	256QAM	1	1	20.31	20.30	20.34	21.80
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	20.40	20.55	20.45	21.80
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	20.30	20.59	20.55	21.80
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	20.41	20.58	20.52	21.80
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	20.41	20.62	20.45	21.80
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	20.31	20.49	20.44	21.80
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	20.37	20.49	20.43	21.80
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	20.34	20.59	20.54	21.80
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	20.34	20.57	20.47	21.80

【FR1 n66_Ant 0_ECI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	16.10	16.17	16.08	17.40
45	PI/2 BPSK	1	120	16.00	16.14	16.03	17.40
45	PI/2 BPSK	1	240	16.07	16.09	16.01	17.40
45	PI/2 BPSK	120	0	15.99	16.09	16.03	17.40
45	PI/2 BPSK	120	60	16.13	16.15	16.05	17.40
45	PI/2 BPSK	120	120	16.10	16.10	15.96	17.40
45	PI/2 BPSK	240	0	16.04	16.08	16.04	17.40
45	QPSK	1	1	16.09	16.11	16.03	17.40
45	QPSK	1	120	16.07	16.07	16.03	17.40
45	QPSK	1	240	16.04	16.17	16.06	17.40
45	QPSK	120	0	16.06	16.10	16.07	17.40
45	QPSK	120	60	16.04	16.09	16.00	17.40
45	QPSK	120	120	16.08	16.06	16.02	17.40
45	QPSK	240	0	16.08	16.07	15.95	17.40
45	16QAM	1	1	16.06	16.08	16.02	17.40
45	64QAM	1	1	16.01	16.11	15.97	17.40
45	256QAM	1	1	16.08	16.09	15.99	17.40
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	15.89	16.06	15.95	17.40



Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	15.94	16.03	15.94	17.40
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	15.93	16.11	15.95	17.40
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	15.92	16.08	15.89	17.40
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	15.98	16.12	15.90	17.40
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	16.00	16.15	15.99	17.40
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	16.00	16.12	15.95	17.40
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	15.98	16.09	15.94	17.40

【FR1 n66_Ant 0_ECI 7-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	15.97	16.05	16.00	17.40
45	PI/2 BPSK	1	120	15.95	15.99	15.89	17.40
45	PI/2 BPSK	1	240	15.99	15.97	15.93	17.40
45	PI/2 BPSK	120	0	15.85	15.99	15.92	17.40
45	PI/2 BPSK	120	60	16.00	16.03	15.96	17.40
45	PI/2 BPSK	120	120	15.92	15.98	15.88	17.40
45	PI/2 BPSK	240	0	15.95	15.98	15.86	17.40
45	QPSK	1	1	15.82	15.97	15.91	17.40
45	QPSK	1	120	15.84	15.98	15.91	17.40
45	QPSK	1	240	15.85	16.02	15.99	17.40
45	QPSK	120	0	15.84	16.06	15.99	17.40
45	QPSK	120	60	15.86	16.02	15.85	17.40
45	QPSK	120	120	15.86	16.00	15.94	17.40
45	QPSK	240	0	15.78	15.93	15.91	17.40
45	16QAM	1	1	15.87	16.05	15.87	17.40
45	64QAM	1	1	15.88	16.05	15.82	17.40
45	256QAM	1	1	15.87	16.03	15.87	17.40
Channel				346000	349000	352000	Tune-up limit
Frequency (MHz)				1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	15.85	15.91	15.88	17.40
Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	15.94	15.97	15.99	17.40
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	15.93	15.96	15.88	17.40
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	15.84	15.96	15.96	17.40
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	15.89	16.00	15.95	17.40
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	15.86	15.97	15.89	17.40
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	15.88	15.97	15.98	17.40
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	15.88	16.00	15.96	17.40



【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				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	21.22	21.21	21.13	22.00
45	PI/2 BPSK	1	120	21.01	21.15	21.04	22.00
45	PI/2 BPSK	1	240	21.01	21.05	20.89	22.00
45	PI/2 BPSK	120	0	20.61	20.72	20.53	21.50
45	PI/2 BPSK	120	60	21.16	21.21	20.99	22.00
45	PI/2 BPSK	120	120	20.62	20.63	20.44	21.50
45	PI/2 BPSK	240	0	20.54	20.66	20.50	21.50
45	QPSK	1	1	21.17	21.23	21.09	22.00
45	QPSK	1	120	21.03	21.16	20.95	22.00
45	QPSK	1	240	20.95	21.07	20.93	22.00
45	QPSK	120	0	20.16	20.21	20.01	21.00
45	QPSK	120	60	21.12	21.19	20.98	22.00
45	QPSK	120	120	20.08	20.14	19.94	21.00
45	QPSK	240	0	20.24	20.26	20.08	21.00
45	16QAM	1	1	19.96	20.04	19.95	21.00
45	64QAM	1	1	18.70	18.78	18.68	19.50
45	256QAM	1	1	16.54	16.66	16.52	17.50
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	21.11	21.16	21.08	22.00
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	21.19	21.10	21.10	22.00
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	21.20	21.19	21.10	22.00
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	21.20	21.15	21.02	22.00
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	21.07	21.07	21.09	22.00
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	21.12	21.14	21.01	22.00
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	21.21	21.18	21.11	22.00
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	21.17	21.13	21.12	22.00

【FR1 n66_Ant 4_full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	23.25	23.35	23.23	24.00
45	PI/2 BPSK	1	120	23.13	23.25	23.15	24.00
45	PI/2 BPSK	1	240	23.21	23.24	23.11	24.00
45	PI/2 BPSK	120	0	22.81	22.76	22.75	23.50
45	PI/2 BPSK	120	60	23.21	23.25	23.11	24.00
45	PI/2 BPSK	120	120	22.73	22.85	22.71	23.50
45	PI/2 BPSK	240	0	22.76	22.87	22.65	23.50
45	QPSK	1	1	23.17	23.17	23.13	24.00
45	QPSK	1	120	23.18	23.24	23.10	24.00
45	QPSK	1	240	23.13	23.22	23.12	24.00
45	QPSK	120	0	22.26	22.34	22.24	23.00
45	QPSK	120	60	23.22	23.19	23.06	24.00
45	QPSK	120	120	22.29	22.32	22.17	23.00
45	QPSK	240	0	22.31	22.37	22.18	23.00
45	16QAM	1	1	22.32	22.26	22.26	23.00
45	64QAM	1	1	20.78	20.78	20.66	21.50
45	256QAM	1	1	18.79	18.79	18.65	19.50
Channel				346000	349000	352000	Tune-up limit



FCC SAR Test Report

Report No. : FA5O1022-01

	Frequency (MHz)			1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	23.22	23.22	23.21	24.00
	Channel			345500	349000	352500	Tune-up limit (dBm)
	Frequency (MHz)			1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	23.21	23.30	23.12	24.00
	Channel			345000	349000	353000	Tune-up limit (dBm)
	Frequency (MHz)			1725	1745	1765	
30	PI/2 BPSK	1	1	23.19	23.25	23.08	24.00
	Channel			344500	349000	353500	Tune-up limit (dBm)
	Frequency (MHz)			1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	23.24	23.24	23.18	24.00
	Channel			344000	349000	354000	Tune-up limit (dBm)
	Frequency (MHz)			1720	1745	1770	
20	PI/2 BPSK	1	1	23.24	23.30	23.22	24.00
	Channel			343500	349000	354500	Tune-up limit (dBm)
	Frequency (MHz)			1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	23.14	23.22	23.16	24.00
	Channel			343000	349000	355000	Tune-up limit (dBm)
	Frequency (MHz)			1715	1745	1775	
10	PI/2 BPSK	1	1	23.16	23.28	23.19	24.00
	Channel			342500	349000	355500	Tune-up limit (dBm)
	Frequency (MHz)			1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	23.21	23.32	23.08	24.00

【FR1 n66_Ant 4_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel			346500	349000	351500	
	Frequency (MHz)			1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	16.27	16.30	16.25	17.10
45	PI/2 BPSK	1	120	16.13	16.23	16.16	17.10
45	PI/2 BPSK	1	240	16.20	16.15	16.15	17.10
45	PI/2 BPSK	120	0	16.16	16.20	16.18	17.10
45	PI/2 BPSK	120	60	16.25	16.28	16.23	17.10
45	PI/2 BPSK	120	120	16.10	16.23	16.19	17.10
45	PI/2 BPSK	240	0	16.21	16.22	16.11	17.10
45	QPSK	1	1	16.15	16.15	16.15	17.10
45	QPSK	1	120	16.12	16.16	16.12	17.10
45	QPSK	1	240	16.12	16.20	16.12	17.10
45	QPSK	120	0	16.14	16.23	16.14	17.10
45	QPSK	120	60	16.16	16.19	16.12	17.10
45	QPSK	120	120	16.17	16.22	16.12	17.10
45	QPSK	240	0	16.18	16.22	16.17	17.10
45	16QAM	1	1	16.18	16.16	16.20	17.10
45	64QAM	1	1	16.22	16.24	16.18	17.10
45	256QAM	1	1	16.19	16.15	16.19	17.10
	Channel			346000	349000	352000	Tune-up limit (dBm)
	Frequency (MHz)			1730	1745	1760	
40	PI/2 BPSK	1	1	16.12	16.27	16.03	17.10
	Channel			345500	349000	352500	Tune-up limit (dBm)
	Frequency (MHz)			1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	16.13	16.21	16.09	17.10
	Channel			345000	349000	353000	Tune-up limit (dBm)
	Frequency (MHz)			1725	1745	1765	
30	PI/2 BPSK	1	1	16.13	16.16	16.09	17.10
	Channel			344500	349000	353500	Tune-up limit (dBm)
	Frequency (MHz)			1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	16.10	16.21	16.09	17.10
	Channel			344000	349000	354000	Tune-up limit (dBm)
	Frequency (MHz)			1720	1745	1770	
20	PI/2 BPSK	1	1	16.06	16.20	16.08	17.10
	Channel			343500	349000	354500	Tune-up limit (dBm)
	Frequency (MHz)			1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	16.10	16.18	16.05	17.10
	Channel			343000	349000	355000	Tune-up limit (dBm)
	Frequency (MHz)			1715	1745	1775	
10	PI/2 BPSK	1	1	16.14	16.22	16.04	17.10
	Channel			342500	349000	355500	Tune-up limit (dBm)
	Frequency (MHz)			1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	16.07	16.25	16.11	17.10



【FR1 n66_Ant 4_ECI 2-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	16.20	16.24	16.22	17.10
45	PI/2 BPSK	1	120	16.05	16.15	16.05	17.10
45	PI/2 BPSK	1	240	16.13	16.01	16.04	17.10
45	PI/2 BPSK	120	0	16.04	16.07	16.13	17.10
45	PI/2 BPSK	120	60	16.19	16.22	16.16	17.10
45	PI/2 BPSK	120	120	15.99	16.11	16.11	17.10
45	PI/2 BPSK	240	0	16.08	16.13	15.97	17.10
45	QPSK	1	1	16.07	16.11	16.08	17.10
45	QPSK	1	120	15.97	16.09	16.08	17.10
45	QPSK	1	240	16.06	16.05	16.05	17.10
45	QPSK	120	0	16.04	16.19	16.10	17.10
45	QPSK	120	60	16.05	16.09	16.04	17.10
45	QPSK	120	120	16.08	16.09	16.04	17.10
45	QPSK	240	0	16.10	16.17	16.14	17.10
45	16QAM	1	1	16.14	16.06	16.12	17.10
45	64QAM	1	1	16.09	16.20	16.07	17.10
45	256QAM	1	1	16.05	16.07	16.08	17.10
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	16.13	16.19	16.07	17.10
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	16.16	16.13	16.12	17.10
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	16.06	16.11	16.13	17.10
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	16.11	16.22	16.17	17.10
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	16.15	16.17	16.21	17.10
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	16.16	16.10	16.17	17.10
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	16.10	16.16	16.17	17.10
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	16.13	16.19	16.08	17.10

【FR1 n66_Ant 4_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	17.73	17.79	17.77	18.80
45	PI/2 BPSK	1	120	17.69	17.65	17.60	18.80
45	PI/2 BPSK	1	240	17.66	17.63	17.70	18.80
45	PI/2 BPSK	120	0	17.71	17.74	17.66	18.80
45	PI/2 BPSK	120	60	17.74	17.77	17.67	18.80
45	PI/2 BPSK	120	120	17.71	17.65	17.60	18.80
45	PI/2 BPSK	240	0	17.65	17.70	17.68	18.80
45	QPSK	1	1	17.65	17.72	17.59	18.80
45	QPSK	1	120	17.63	17.65	17.60	18.80
45	QPSK	1	240	17.67	17.75	17.60	18.80
45	QPSK	120	0	17.68	17.74	17.59	18.80
45	QPSK	120	60	17.64	17.68	17.63	18.80
45	QPSK	120	120	17.67	17.66	17.61	18.80
45	QPSK	240	0	17.69	17.65	17.60	18.80
45	16QAM	1	1	17.68	17.72	17.69	18.80
45	64QAM	1	1	17.63	17.69	17.60	18.80
45	256QAM	1	1	16.58	16.63	16.60	17.80
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	17.55	17.71	17.44	18.80



Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	17.61	17.78	17.51	18.80
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	17.62	17.75	17.55	18.80
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	17.58	17.71	17.50	18.80
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	17.55	17.67	17.49	18.80
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	17.60	17.78	17.52	18.80
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	17.55	17.71	17.43	18.80
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	17.61	17.68	17.48	18.80

【FR1 n66_Ant 4_ECI 3-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	17.66	17.75	17.73	18.80
45	PI/2 BPSK	1	120	17.63	17.50	17.54	18.80
45	PI/2 BPSK	1	240	17.56	17.49	17.60	18.80
45	PI/2 BPSK	120	0	17.67	17.69	17.57	18.80
45	PI/2 BPSK	120	60	17.69	17.72	17.58	18.80
45	PI/2 BPSK	120	120	17.60	17.55	17.55	18.80
45	PI/2 BPSK	240	0	17.52	17.67	17.54	18.80
45	QPSK	1	1	17.59	17.61	17.50	18.80
45	QPSK	1	120	17.55	17.55	17.47	18.80
45	QPSK	1	240	17.58	17.64	17.48	18.80
45	QPSK	120	0	17.55	17.64	17.49	18.80
45	QPSK	120	60	17.52	17.59	17.52	18.80
45	QPSK	120	120	17.61	17.62	17.46	18.80
45	QPSK	240	0	17.62	17.55	17.56	18.80
45	16QAM	1	1	17.55	17.59	17.55	18.80
45	64QAM	1	1	17.57	17.57	17.51	18.80
45	256QAM	1	1	17.45	17.41	17.43	18.80
Channel				346000	349000	352000	Tune-up limit
Frequency (MHz)				1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	17.59	17.65	17.71	18.80
Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	17.47	17.67	17.64	18.80
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	17.46	17.67	17.68	18.80
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	17.52	17.67	17.67	18.80
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	17.48	17.61	17.70	18.80
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	17.58	17.69	17.66	18.80
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	17.56	17.61	17.61	18.80
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	17.49	17.65	17.70	18.80



【FR1 n66_Ant 4_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	21.22	21.21	21.13	22.00
45	PI/2 BPSK	1	120	21.01	21.15	21.04	22.00
45	PI/2 BPSK	1	240	21.01	21.05	20.89	22.00
45	PI/2 BPSK	120	0	20.61	20.72	20.53	21.50
45	PI/2 BPSK	120	60	21.16	21.21	20.99	22.00
45	PI/2 BPSK	120	120	20.62	20.63	20.44	21.50
45	PI/2 BPSK	240	0	20.54	20.66	20.50	21.50
45	QPSK	1	1	21.17	21.23	21.09	22.00
45	QPSK	1	120	21.03	21.16	20.95	22.00
45	QPSK	1	240	20.95	21.07	20.93	22.00
45	QPSK	120	0	20.16	20.21	20.01	21.00
45	QPSK	120	60	21.12	21.19	20.98	22.00
45	QPSK	120	120	20.08	20.14	19.94	21.00
45	QPSK	240	0	20.24	20.26	20.08	21.00
45	16QAM	1	1	19.96	20.04	19.95	21.00
45	64QAM	1	1	18.70	18.78	18.68	19.50
45	256QAM	1	1	16.54	16.66	16.52	17.50
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	21.11	21.16	21.08	22.00
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	21.19	21.10	21.10	22.00
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	21.20	21.19	21.10	22.00
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	21.20	21.15	21.02	22.00
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	21.07	21.07	21.09	22.00
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	21.12	21.14	21.01	22.00
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	21.21	21.18	21.11	22.00
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	21.17	21.13	21.12	22.00

【FR1 n66_Ant 4_ECI 4-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	23.25	23.35	23.23	24.00
45	PI/2 BPSK	1	120	23.13	23.25	23.15	24.00
45	PI/2 BPSK	1	240	23.21	23.24	23.11	24.00
45	PI/2 BPSK	120	0	22.81	22.76	22.75	23.50
45	PI/2 BPSK	120	60	23.21	23.25	23.11	24.00
45	PI/2 BPSK	120	120	22.73	22.85	22.71	23.50
45	PI/2 BPSK	240	0	22.76	22.87	22.65	23.50
45	QPSK	1	1	23.17	23.17	23.13	24.00
45	QPSK	1	120	23.18	23.24	23.10	24.00
45	QPSK	1	240	23.13	23.22	23.12	24.00
45	QPSK	120	0	22.26	22.34	22.24	23.00
45	QPSK	120	60	23.22	23.19	23.06	24.00
45	QPSK	120	120	22.29	22.32	22.17	23.00
45	QPSK	240	0	22.31	22.37	22.18	23.00
45	16QAM	1	1	22.32	22.26	22.26	23.00
45	64QAM	1	1	20.78	20.78	20.66	21.50
45	256QAM	1	1	18.79	18.79	18.65	19.50
Channel				346000	349000	352000	Tune-up limit



	Frequency (MHz)			1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	23.22	23.22	23.21	24.00
	Channel			345500	349000	352500	Tune-up limit
	Frequency (MHz)			1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	23.21	23.30	23.12	24.00
	Channel			345000	349000	353000	Tune-up limit
	Frequency (MHz)			1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	23.19	23.25	23.08	24.00
	Channel			344500	349000	353500	Tune-up limit
	Frequency (MHz)			1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	23.24	23.24	23.18	24.00
	Channel			344000	349000	354000	Tune-up limit
	Frequency (MHz)			1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	23.24	23.30	23.22	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	23.22	23.16	24.00
	Channel			343000	349000	355000	Tune-up limit
	Frequency (MHz)			1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	23.16	23.28	23.19	24.00
	Channel			342500	349000	355500	Tune-up limit
	Frequency (MHz)			1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	23.21	23.32	23.08	24.00

【FR1 n66_Ant 4_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel			346500	349000	351500	
	Frequency (MHz)			1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	20.20	20.22	20.16	21.40
45	PI/2 BPSK	1	120	20.18	20.18	20.14	21.40
45	PI/2 BPSK	1	240	20.18	20.18	20.11	21.40
45	PI/2 BPSK	120	0	20.12	20.13	20.13	21.40
45	PI/2 BPSK	120	60	20.14	20.19	20.16	21.40
45	PI/2 BPSK	120	120	20.11	20.15	20.12	21.40
45	PI/2 BPSK	240	0	20.13	20.14	20.13	21.40
45	QPSK	1	1	20.12	20.13	20.08	21.40
45	QPSK	1	120	20.14	20.21	20.14	21.40
45	QPSK	1	240	20.21	20.16	20.09	21.40
45	QPSK	120	0	20.19	20.17	20.14	21.40
45	QPSK	120	60	20.18	20.14	20.15	21.40
45	QPSK	120	120	20.17	20.14	20.18	21.40
45	QPSK	240	0	20.10	20.20	20.17	21.40
45	16QAM	1	1	20.17	20.11	20.17	21.40
45	64QAM	1	1	18.67	18.75	18.69	19.90
45	256QAM	1	1	16.57	16.68	16.53	17.90
	Channel			346000	349000	352000	Tune-up limit
	Frequency (MHz)			1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	20.05	20.07	19.95	21.40
	Channel			345500	349000	352500	Tune-up limit
	Frequency (MHz)			1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	20.01	20.11	20.03	21.40
	Channel			345000	349000	353000	Tune-up limit
	Frequency (MHz)			1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	20.04	20.16	19.96	21.40
	Channel			344500	349000	353500	Tune-up limit
	Frequency (MHz)			1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	20.05	20.20	19.98	21.40
	Channel			344000	349000	354000	Tune-up limit
	Frequency (MHz)			1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	20.02	20.21	19.99	21.40
	Channel			343500	349000	354500	Tune-up limit
	Frequency (MHz)			1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	20.03	20.16	19.96	21.40
	Channel			343000	349000	355000	Tune-up limit
	Frequency (MHz)			1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	19.98	20.09	20.01	21.40
	Channel			342500	349000	355500	Tune-up limit
	Frequency (MHz)			1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	20.10	20.16	20.08	21.40



【FR1 n66_Ant 4_ECI 6-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	20.16	20.19	20.08	21.40
45	PI/2 BPSK	1	120	20.11	20.03	20.03	21.40
45	PI/2 BPSK	1	240	20.14	20.12	19.96	21.40
45	PI/2 BPSK	120	0	20.03	20.09	19.99	21.40
45	PI/2 BPSK	120	60	20.05	20.15	20.05	21.40
45	PI/2 BPSK	120	120	19.98	20.03	20.02	21.40
45	PI/2 BPSK	240	0	20.02	20.07	20.01	21.40
45	QPSK	1	1	20.05	20.04	19.97	21.40
45	QPSK	1	120	20.08	20.17	20.02	21.40
45	QPSK	1	240	20.16	20.10	19.94	21.40
45	QPSK	120	0	20.12	20.08	20.07	21.40
45	QPSK	120	60	20.08	20.07	20.06	21.40
45	QPSK	120	120	20.05	20.10	20.06	21.40
45	QPSK	240	0	19.97	20.13	20.13	21.40
45	16QAM	1	1	20.08	20.07	20.06	21.40
45	64QAM	1	1	20.09	20.10	20.07	21.40
45	256QAM	1	1	18.21	18.23	18.22	19.50
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	20.06	20.12	20.07	21.40
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	20.04	20.10	19.95	21.40
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	20.04	20.05	20.02	21.40
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	20.04	20.09	20.06	21.40
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	20.08	20.05	19.94	21.40
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	20.07	20.17	20.05	21.40
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	20.01	20.13	20.05	21.40
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	20.01	20.08	19.98	21.40

【FR1 n66_Ant 4_ECI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	15.21	15.24	15.18	16.50
45	PI/2 BPSK	1	120	15.11	15.13	15.10	16.50
45	PI/2 BPSK	1	240	15.18	15.19	15.08	16.50
45	PI/2 BPSK	120	0	15.15	15.21	15.12	16.50
45	PI/2 BPSK	120	60	15.17	15.23	15.15	16.50
45	PI/2 BPSK	120	120	15.15	15.17	15.12	16.50
45	PI/2 BPSK	240	0	15.13	15.19	15.09	16.50
45	QPSK	1	1	15.14	15.16	15.16	16.50
45	QPSK	1	120	15.11	15.17	15.15	16.50
45	QPSK	1	240	15.16	15.19	15.10	16.50
45	QPSK	120	0	15.21	15.19	15.17	16.50
45	QPSK	120	60	15.13	15.21	15.15	16.50
45	QPSK	120	120	15.12	15.21	15.19	16.50
45	QPSK	240	0	15.19	15.18	15.11	16.50
45	16QAM	1	1	15.13	15.22	15.20	16.50
45	64QAM	1	1	15.18	15.20	15.19	16.50
45	256QAM	1	1	15.15	15.14	15.09	16.50
Channel				346000	349000	352000	Tune-up limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	15.14	15.21	15.05	16.50



Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	15.11	15.15	14.98	16.50
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	15.12	15.23	14.96	16.50
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	15.16	15.18	15.02	16.50
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	15.13	15.10	14.95	16.50
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	15.17	15.16	14.94	16.50
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	15.13	15.22	14.98	16.50
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	15.17	15.15	15.04	16.50

【FR1 n66_Ant 4_ECI 7-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	15.10	15.19	15.15	16.50
45	PI/2 BPSK	1	120	15.02	15.03	14.99	16.50
45	PI/2 BPSK	1	240	15.06	15.15	14.96	16.50
45	PI/2 BPSK	120	0	15.02	15.09	15.07	16.50
45	PI/2 BPSK	120	60	15.05	15.18	15.10	16.50
45	PI/2 BPSK	120	120	15.09	15.08	15.01	16.50
45	PI/2 BPSK	240	0	15.00	15.05	15.00	16.50
45	QPSK	1	1	15.08	15.07	15.13	16.50
45	QPSK	1	120	15.01	15.12	15.02	16.50
45	QPSK	1	240	15.03	15.10	15.02	16.50
45	QPSK	120	0	15.11	15.13	15.07	16.50
45	QPSK	120	60	14.98	15.09	15.08	16.50
45	QPSK	120	120	15.07	15.11	15.08	16.50
45	QPSK	240	0	15.08	15.10	15.01	16.50
45	16QAM	1	1	15.07	15.08	15.13	16.50
45	64QAM	1	1	15.04	15.13	15.13	16.50
45	256QAM	1	1	15.05	14.99	15.05	16.50
Channel				346000	349000	352000	Tune-up limit
Frequency (MHz)				1730	1745	1760	(dBm)
40	PI/2 BPSK	1	1	15.00	15.10	15.02	16.50
Channel				345500	349000	352500	Tune-up limit
Frequency (MHz)				1727.5	1745	1762.5	(dBm)
35	PI/2 BPSK	1	1	15.02	15.16	15.05	16.50
Channel				345000	349000	353000	Tune-up limit
Frequency (MHz)				1725	1745	1765	(dBm)
30	PI/2 BPSK	1	1	15.02	15.09	15.02	16.50
Channel				344500	349000	353500	Tune-up limit
Frequency (MHz)				1722.5	1745	1767.5	(dBm)
25	PI/2 BPSK	1	1	15.00	15.05	15.05	16.50
Channel				344000	349000	354000	Tune-up limit
Frequency (MHz)				1720	1745	1770	(dBm)
20	PI/2 BPSK	1	1	14.98	15.16	15.14	16.50
Channel				343500	349000	354500	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	PI/2 BPSK	1	1	14.98	15.05	15.13	16.50
Channel				343000	349000	355000	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	PI/2 BPSK	1	1	15.08	15.07	15.04	16.50
Channel				342500	349000	355500	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	PI/2 BPSK	1	1	15.00	15.17	15.04	16.50



【FR1 n77 (270)___FCC_Part 270 (3700~3980MHz)_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				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	17.66	17.67	17.59	19.00
100	PI/2 BPSK	1	137	17.39	17.48	17.51	19.00
100	PI/2 BPSK	1	271	17.60	17.63	17.53	19.00
100	PI/2 BPSK	135	0	17.17	17.22	17.22	18.50
100	PI/2 BPSK	135	69	17.53	17.57	17.55	19.00
100	PI/2 BPSK	135	138	17.35	17.31	17.32	18.50
100	PI/2 BPSK	270	0	17.18	17.30	17.27	18.50
100	QPSK	1	1	17.45	17.43	17.54	19.00
100	QPSK	1	137	17.39	17.47	17.47	19.00
100	QPSK	1	271	17.59	17.62	17.64	19.00
100	QPSK	135	0	16.69	16.71	16.76	18.00
100	QPSK	135	69	17.51	17.56	17.64	19.00
100	QPSK	135	138	16.64	16.66	16.76	18.00
100	QPSK	270	0	16.53	16.51	16.49	18.00
100	16QAM	1	1	16.37	16.35	16.35	18.00
100	64QAM	1	1	14.92	14.88	14.87	16.50
100	256QAM	1	1	12.90	12.95	12.96	14.50
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	17.44	17.33	17.49	19.00
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	17.50	17.32	17.48	19.00
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	17.51	17.32	17.45	19.00
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	17.47	17.34	17.54	19.00
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	17.40	17.41	17.47	19.00
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	17.46	17.38	17.51	19.00
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	17.48	17.38	17.53	19.00
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	17.48	17.44	17.49	19.00
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	17.50	17.32	17.51	19.00
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	17.38	17.32	17.47	19.00
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	17.40	17.41	17.54	19.00

【FR1 n77 (270)___FCC_Part 270 (3700~3980MHz)_Ant 1_ECI

2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	17.66	17.67	17.59	19.00
100	PI/2 BPSK	1	137	17.39	17.48	17.51	19.00
100	PI/2 BPSK	1	271	17.60	17.63	17.53	19.00
100	PI/2 BPSK	135	0	17.17	17.22	17.22	18.50
100	PI/2 BPSK	135	69	17.53	17.57	17.55	19.00
100	PI/2 BPSK	135	138	17.35	17.31	17.32	18.50



100	PI/2 BPSK	270	0	17.18	17.30	17.27	18.50
100	QPSK	1	1	17.45	17.43	17.54	19.00
100	QPSK	1	137	17.39	17.47	17.47	19.00
100	QPSK	1	271	17.59	17.62	17.64	19.00
100	QPSK	135	0	16.69	16.71	16.76	18.00
100	QPSK	135	69	17.51	17.56	17.64	19.00
100	QPSK	135	138	16.64	16.66	16.76	18.00
100	QPSK	270	0	16.53	16.51	16.49	18.00
100	16QAM	1	1	16.37	16.35	16.35	18.00
100	64QAM	1	1	14.92	14.88	14.87	16.50
100	256QAM	1	1	12.90	12.95	12.96	14.50
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	17.44	17.33	17.49	19.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	17.50	17.32	17.48	19.00
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	17.51	17.32	17.45	19.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	17.47	17.34	17.54	19.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	17.40	17.41	17.47	19.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	17.46	17.38	17.51	19.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	17.48	17.38	17.53	19.00
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	17.48	17.44	17.49	19.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	17.50	17.32	17.51	19.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	17.38	17.32	17.47	19.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	17.40	17.41	17.54	19.00

【FR1 n77 (270)_FCC_Part 270 (3700-3980MHz)_Ant 1_EC1

7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	13.99	14.20	14.11	15.00
100	PI/2 BPSK	1	137	13.95	14.01	13.94	15.00
100	PI/2 BPSK	1	271	13.92	14.07	13.96	15.00
100	PI/2 BPSK	135	0	13.95	14.08	13.94	15.00
100	PI/2 BPSK	135	69	14.03	14.11	14.05	15.00
100	PI/2 BPSK	135	138	13.98	14.10	14.02	15.00
100	PI/2 BPSK	270	0	13.96	14.05	14.05	15.00
100	QPSK	1	1	13.96	14.05	14.02	15.00
100	QPSK	1	137	13.92	14.03	13.95	15.00
100	QPSK	1	271	13.94	14.04	14.04	15.00
100	QPSK	135	0	13.89	14.02	14.00	15.00
100	QPSK	135	69	13.96	14.10	13.99	15.00
100	QPSK	135	138	13.90	14.05	13.97	15.00
100	QPSK	270	0	13.88	14.09	13.96	15.00
100	16QAM	1	1	13.98	14.07	13.93	15.00
100	64QAM	1	1	13.95	14.02	13.98	15.00
100	256QAM	1	1	13.09	13.13	13.14	14.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	13.88	14.10	14.06	15.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)



80	PI/2 BPSK	1	1	13.91	14.08	14.02	15.00
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	13.85	14.09	14.08	15.00
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	13.89	14.18	14.04	15.00
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	13.97	14.10	14.04	15.00
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	13.90	14.10	14.01	15.00
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	13.95	14.19	13.97	15.00
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	13.94	14.15	13.99	15.00
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	13.98	14.09	14.04	15.00
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	13.88	14.15	14.08	15.00
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	13.93	14.08	14.00	15.00

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

3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	15.07	15.19	15.07	16.30
100	PI/2 BPSK	1	137	14.94	15.04	14.95	16.30
100	PI/2 BPSK	1	271	14.93	15.11	14.99	16.30
100	PI/2 BPSK	135	0	14.96	15.04	14.98	16.30
100	PI/2 BPSK	135	69	14.97	15.11	15.08	16.30
100	PI/2 BPSK	135	138	14.93	15.02	15.05	16.30
100	PI/2 BPSK	270	0	14.92	15.03	14.96	16.30
100	QPSK	1	1	14.91	15.10	15.00	16.30
100	QPSK	1	137	14.96	15.10	14.96	16.30
100	QPSK	1	271	14.93	15.07	14.99	16.30
100	QPSK	135	0	14.91	15.11	15.03	16.30
100	QPSK	135	69	14.88	15.05	14.95	16.30
100	QPSK	135	138	14.87	15.08	15.05	16.30
100	QPSK	270	0	14.93	15.12	15.03	16.30
100	16QAM	1	1	14.95	15.02	15.02	16.30
100	64QAM	1	1	14.97	15.03	14.95	16.30
100	256QAM	1	1	13.08	13.17	13.13	14.50
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	15.06	15.08	15.01	16.30
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	14.98	15.13	15.05	16.30
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	14.95	15.17	15.04	16.30
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	14.98	15.12	15.03	16.30
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	14.95	15.12	15.03	16.30
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	15.00	15.17	14.94	16.30
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	14.98	15.10	14.93	16.30



Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	14.94	15.12	15.03	16.30
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	14.98	15.08	15.04	16.30
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	15.05	15.17	15.02	16.30
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	15.02	15.11	15.02	16.30

【FR1 n77 (270)_FCC_Part 270 (3700~3980MHz)_Ant 1_EC1

6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	Tune-up limit
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	17.66	17.67	17.59	19.00
100	PI/2 BPSK	1	137	17.39	17.48	17.51	19.00
100	PI/2 BPSK	1	271	17.60	17.63	17.53	19.00
100	PI/2 BPSK	135	0	17.17	17.22	17.22	18.50
100	PI/2 BPSK	135	69	17.53	17.57	17.55	19.00
100	PI/2 BPSK	135	138	17.35	17.31	17.32	18.50
100	PI/2 BPSK	270	0	17.18	17.30	17.27	18.50
100	QPSK	1	1	17.45	17.43	17.54	19.00
100	QPSK	1	137	17.39	17.47	17.47	19.00
100	QPSK	1	271	17.59	17.62	17.64	19.00
100	QPSK	135	0	16.69	16.71	16.76	18.00
100	QPSK	135	69	17.51	17.56	17.64	19.00
100	QPSK	135	138	16.64	16.66	16.76	18.00
100	QPSK	270	0	16.53	16.51	16.49	18.00
100	16QAM	1	1	16.37	16.35	16.35	18.00
100	64QAM	1	1	14.92	14.88	14.87	16.50
100	256QAM	1	1	12.90	12.95	12.96	14.50
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	17.44	17.33	17.49	19.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	17.50	17.32	17.48	19.00
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	17.51	17.32	17.45	19.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	17.47	17.34	17.54	19.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	17.40	17.41	17.47	19.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	17.46	17.38	17.51	19.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	17.48	17.38	17.53	19.00
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	17.48	17.44	17.49	19.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	17.50	17.32	17.51	19.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	17.38	17.32	17.47	19.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	17.40	17.41	17.54	19.00



【FR1 n77 (270)_FCC_Part 270 (3700~3980MHz)_Ant 1_EC1

4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	Tune-up limit (dBm)
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	17.66	17.67	17.59	19.00
100	PI/2 BPSK	1	137	17.39	17.48	17.51	19.00
100	PI/2 BPSK	1	271	17.60	17.63	17.53	19.00
100	PI/2 BPSK	135	0	17.17	17.22	17.22	18.50
100	PI/2 BPSK	135	69	17.53	17.57	17.55	19.00
100	PI/2 BPSK	135	138	17.35	17.31	17.32	18.50
100	PI/2 BPSK	270	0	17.18	17.30	17.27	18.50
100	QPSK	1	1	17.45	17.43	17.54	19.00
100	QPSK	1	137	17.39	17.47	17.47	19.00
100	QPSK	1	271	17.59	17.62	17.64	19.00
100	QPSK	135	0	16.69	16.71	16.76	18.00
100	QPSK	135	69	17.51	17.56	17.64	19.00
100	QPSK	135	138	16.64	16.66	16.76	18.00
100	QPSK	270	0	16.53	16.51	16.49	18.00
100	16QAM	1	1	16.37	16.35	16.35	18.00
100	64QAM	1	1	14.92	14.88	14.87	16.50
100	256QAM	1	1	12.90	12.95	12.96	14.50
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	17.44	17.33	17.49	19.00
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	17.50	17.32	17.48	19.00
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	17.51	17.32	17.45	19.00
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	17.47	17.34	17.54	19.00
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	17.40	17.41	17.47	19.00
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	17.46	17.38	17.51	19.00
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	17.48	17.38	17.53	19.00
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	17.48	17.44	17.49	19.00
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	17.50	17.32	17.51	19.00
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	17.38	17.32	17.47	19.00
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	17.40	17.41	17.54	19.00

【FR1 n77 (270)_FCC_Part 270 (3700~3980MHz)_Ant 2_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 (dBm)
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	19.17	19.23	19.16	20.00
100	PI/2 BPSK	1	137	19.08	19.03	19.14	20.00
100	PI/2 BPSK	1	271	19.07	19.07	19.11	20.00
100	PI/2 BPSK	135	0	18.65	18.68	18.82	19.50
100	PI/2 BPSK	135	69	19.08	19.16	19.13	20.00
100	PI/2 BPSK	135	138	18.65	18.66	18.73	19.50
100	PI/2 BPSK	270	0	18.70	18.76	18.72	19.50
100	QPSK	1	1	19.04	19.08	19.14	20.00



100	QPSK	1	137	19.02	19.06	19.18	20.00
100	QPSK	1	271	19.12	19.02	19.19	20.00
100	QPSK	135	0	18.19	18.21	18.27	19.00
100	QPSK	135	69	19.02	19.12	19.18	20.00
100	QPSK	135	138	18.22	18.17	18.24	19.00
100	QPSK	270	0	18.18	18.23	18.30	19.00
100	16QAM	1	1	18.19	18.17	18.25	19.00
100	64QAM	1	1	16.72	16.66	16.74	17.50
100	256QAM	1	1	14.67	14.63	14.79	15.50
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	19.08	19.14	19.13	20.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	19.08	19.12	19.13	20.00
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	19.04	19.08	19.19	20.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	19.09	19.04	19.13	20.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	19.12	19.12	19.16	20.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	19.13	19.07	19.16	20.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	19.05	19.06	19.10	20.00
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	19.16	19.08	19.15	20.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	19.14	19.10	19.12	20.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	19.05	19.08	19.12	20.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	19.04	19.04	19.08	20.00

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

2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	19.17	19.23	19.16	20.00
100	PI/2 BPSK	1	137	19.08	19.03	19.14	20.00
100	PI/2 BPSK	1	271	19.07	19.07	19.11	20.00
100	PI/2 BPSK	135	0	18.65	18.68	18.82	19.50
100	PI/2 BPSK	135	69	19.08	19.16	19.13	20.00
100	PI/2 BPSK	135	138	18.65	18.66	18.73	19.50
100	PI/2 BPSK	270	0	18.70	18.76	18.72	19.50
100	QPSK	1	1	19.04	19.08	19.14	20.00
100	QPSK	1	137	19.02	19.06	19.18	20.00
100	QPSK	1	271	19.12	19.02	19.19	20.00
100	QPSK	135	0	18.19	18.21	18.27	19.00
100	QPSK	135	69	19.02	19.12	19.18	20.00
100	QPSK	135	138	18.22	18.17	18.24	19.00
100	QPSK	270	0	18.18	18.23	18.30	19.00
100	16QAM	1	1	18.19	18.17	18.25	19.00
100	64QAM	1	1	16.72	16.66	16.74	17.50
100	256QAM	1	1	14.67	14.63	14.79	15.50
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	19.08	19.14	19.13	20.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	19.08	19.12	19.13	20.00
Channel				649000	656000	663000	Tune-up limit



	Frequency (MHz)			3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	19.04	19.08	19.19	20.00
	Channel			648668	656000	663332	Tune-up limit (dBm)
	Frequency (MHz)			3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	19.09	19.04	19.13	20.00
	Channel			648334	656000	663666	Tune-up limit (dBm)
	Frequency (MHz)			3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	19.12	19.12	19.16	20.00
	Channel			648000	656000	664000	Tune-up limit (dBm)
	Frequency (MHz)			3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	19.13	19.07	19.16	20.00
	Channel			647668	656000	664332	Tune-up limit (dBm)
	Frequency (MHz)			3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	19.05	19.06	19.10	20.00
	Channel			647500	656000	664500	Tune-up limit (dBm)
	Frequency (MHz)			3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	19.16	19.08	19.15	20.00
	Channel			647334	656000	664666	Tune-up limit (dBm)
	Frequency (MHz)			3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	19.14	19.10	19.12	20.00
	Channel			647168	656000	664832	Tune-up limit (dBm)
	Frequency (MHz)			3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	19.05	19.08	19.12	20.00
	Channel			647000	656000	665000	Tune-up limit (dBm)
	Frequency (MHz)			3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	19.04	19.04	19.08	20.00

【FR1 n77 (270)___FCC_Part 270 (3700~3980MHz)_Ant 2_EC1

71

BW [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	14.22	14.24	14.18	15.40
100	PI/2 BPSK	1	137	14.11	14.12	14.08	15.40
100	PI/2 BPSK	1	271	14.16	14.22	14.10	15.40
100	PI/2 BPSK	135	0	14.13	14.13	14.13	15.40
100	PI/2 BPSK	135	69	14.15	14.20	14.18	15.40
100	PI/2 BPSK	135	138	14.08	14.16	14.14	15.40
100	PI/2 BPSK	270	0	14.06	14.16	14.08	15.40
100	QPSK	1	1	14.12	14.18	14.18	15.40
100	QPSK	1	137	14.06	14.20	14.10	15.40
100	QPSK	1	271	14.08	14.18	14.13	15.40
100	QPSK	135	0	14.06	14.13	14.15	15.40
100	QPSK	135	69	14.14	14.20	14.18	15.40
100	QPSK	135	138	14.07	14.19	14.08	15.40
100	QPSK	270	0	14.13	14.18	14.18	15.40
100	16QAM	1	1	14.07	14.23	14.09	15.40
100	64QAM	1	1	14.17	14.24	14.18	15.40
100	256QAM	1	1	14.14	14.16	14.16	15.40
	Channel			649668	656000	662332	Tune-up limit (dBm)
	Frequency (MHz)			3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	14.14	14.15	14.12	15.40
	Channel			649334	656000	662666	Tune-up limit (dBm)
	Frequency (MHz)			3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	14.11	14.10	14.07	15.40
	Channel			649000	656000	663000	Tune-up limit (dBm)
	Frequency (MHz)			3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	14.08	14.16	14.03	15.40
	Channel			648668	656000	663332	Tune-up limit (dBm)
	Frequency (MHz)			3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	14.08	14.22	14.04	15.40
	Channel			648334	656000	663666	Tune-up limit (dBm)
	Frequency (MHz)			3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	14.07	14.19	14.06	15.40
	Channel			648000	656000	664000	Tune-up limit (dBm)
	Frequency (MHz)			3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	14.13	14.12	14.10	15.40
	Channel			647668	656000	664332	Tune-up limit (dBm)
	Frequency (MHz)			3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	14.17	14.18	14.09	15.40
	Channel			647500	656000	664500	Tune-up limit (dBm)
	Frequency (MHz)			3712.5	3840	3967.5	(dBm)



25	PI/2 BPSK	1	1	14.08	14.16	14.17	15.40
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	14.11	14.13	14.15	15.40
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	14.17	14.09	14.04	15.40
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	14.19	14.17	14.13	15.40

【FR1 n77 (270)___FCC_Part 270 (3700~3980MHz)_Ant 2_EC1

3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	16.69	16.64	16.74	17.90
100	PI/2 BPSK	1	137	16.58	16.58	16.62	17.90
100	PI/2 BPSK	1	271	16.61	16.61	16.67	17.90
100	PI/2 BPSK	135	0	16.54	16.61	16.60	17.90
100	PI/2 BPSK	135	69	16.60	16.63	16.62	17.90
100	PI/2 BPSK	135	138	16.56	16.58	16.55	17.90
100	PI/2 BPSK	270	0	16.58	16.62	16.61	17.90
100	QPSK	1	1	16.54	16.55	16.72	17.90
100	QPSK	1	137	16.61	16.58	16.71	17.90
100	QPSK	1	271	16.61	16.54	16.69	17.90
100	QPSK	135	0	16.58	16.54	16.61	17.90
100	QPSK	135	69	16.58	16.62	16.72	17.90
100	QPSK	135	138	16.55	16.63	16.68	17.90
100	QPSK	270	0	16.62	16.63	16.70	17.90
100	16QAM	1	1	16.60	16.59	16.63	17.90
100	64QAM	1	1	16.54	16.57	16.61	17.90
100	256QAM	1	1	14.70	14.65	14.73	15.90
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	16.67	16.52	16.66	17.90
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	16.66	16.57	16.71	17.90
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	16.64	16.56	16.68	17.90
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	16.57	16.53	16.65	17.90
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	16.58	16.61	16.68	17.90
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	16.66	16.57	16.70	17.90
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	16.62	16.61	16.65	17.90
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	16.67	16.54	16.61	17.90
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	16.57	16.61	16.68	17.90
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	16.65	16.50	16.71	17.90
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	16.67	16.54	16.70	17.90



【FR1 n77 (270)___FCC_Part 270 (3700~3980MHz)_Ant 2_ECI

6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	19.17	19.23	19.16	20.00
100	PI/2 BPSK	1	137	19.08	19.03	19.14	20.00
100	PI/2 BPSK	1	271	19.07	19.07	19.11	20.00
100	PI/2 BPSK	135	0	18.65	18.68	18.82	19.50
100	PI/2 BPSK	135	69	19.08	19.16	19.13	20.00
100	PI/2 BPSK	135	138	18.65	18.66	18.73	19.50
100	PI/2 BPSK	270	0	18.70	18.76	18.72	19.50
100	QPSK	1	1	19.04	19.08	19.14	20.00
100	QPSK	1	137	19.02	19.06	19.18	20.00
100	QPSK	1	271	19.12	19.02	19.19	20.00
100	QPSK	135	0	18.19	18.21	18.27	19.00
100	QPSK	135	69	19.02	19.12	19.18	20.00
100	QPSK	135	138	18.22	18.17	18.24	19.00
100	QPSK	270	0	18.18	18.23	18.30	19.00
100	16QAM	1	1	18.19	18.17	18.25	19.00
100	64QAM	1	1	16.72	16.66	16.74	17.50
100	256QAM	1	1	14.67	14.63	14.79	15.50
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	19.08	19.14	19.13	20.00
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	19.08	19.12	19.13	20.00
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	19.04	19.08	19.19	20.00
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	19.09	19.04	19.13	20.00
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	19.12	19.12	19.16	20.00
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	19.13	19.07	19.16	20.00
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	19.05	19.06	19.10	20.00
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	19.16	19.08	19.15	20.00
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	19.14	19.10	19.12	20.00
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	19.05	19.08	19.12	20.00
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	19.04	19.04	19.08	20.00

【FR1 n77 (270)___FCC_Part 270 (3700~3980MHz)_Ant 2_ECI

4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	19.17	19.23	19.16	20.00
100	PI/2 BPSK	1	137	19.08	19.03	19.14	20.00
100	PI/2 BPSK	1	271	19.07	19.07	19.11	20.00
100	PI/2 BPSK	135	0	18.65	18.68	18.82	19.50
100	PI/2 BPSK	135	69	19.08	19.16	19.13	20.00
100	PI/2 BPSK	135	138	18.65	18.66	18.73	19.50



FCC SAR Test Report

Report No. : FA5O1022-01

100	PI/2 BPSK	270	0	18.70	18.76	18.72	19.50
100	QPSK	1	1	19.04	19.08	19.14	20.00
100	QPSK	1	137	19.02	19.06	19.18	20.00
100	QPSK	1	271	19.12	19.02	19.19	20.00
100	QPSK	135	0	18.19	18.21	18.27	19.00
100	QPSK	135	69	19.02	19.12	19.18	20.00
100	QPSK	135	138	18.22	18.17	18.24	19.00
100	QPSK	270	0	18.18	18.23	18.30	19.00
100	16QAM	1	1	18.19	18.17	18.25	19.00
100	64QAM	1	1	16.72	16.66	16.74	17.50
100	256QAM	1	1	14.67	14.63	14.79	15.50
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	19.08	19.14	19.13	20.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	19.08	19.12	19.13	20.00
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	19.04	19.08	19.19	20.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	19.09	19.04	19.13	20.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	19.12	19.12	19.16	20.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	19.13	19.07	19.16	20.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	19.05	19.06	19.10	20.00
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	19.16	19.08	19.15	20.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	19.14	19.10	19.12	20.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	19.05	19.08	19.12	20.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	19.04	19.04	19.08	20.00

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

Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	22.44	22.67	22.59	24.00
100	PI/2 BPSK	1	137	22.18	22.45	22.52	24.00
100	PI/2 BPSK	1	271	22.33	22.63	22.67	24.00
100	PI/2 BPSK	135	0	21.85	22.13	22.13	23.50
100	PI/2 BPSK	135	69	22.32	22.55	22.58	24.00
100	PI/2 BPSK	135	138	21.90	22.18	22.28	23.50
100	PI/2 BPSK	270	0	21.93	22.15	22.23	23.50
100	QPSK	1	1	22.25	22.46	22.54	24.00
100	QPSK	1	137	22.19	22.48	22.52	24.00
100	QPSK	1	271	22.30	22.62	22.68	24.00
100	QPSK	135	0	21.26	21.45	21.45	23.00
100	QPSK	135	69	22.22	22.54	22.53	24.00
100	QPSK	135	138	21.16	21.47	21.57	23.00
100	QPSK	270	0	21.21	21.51	21.50	23.00
100	16QAM	1	1	21.15	21.37	21.46	23.00
100	64QAM	1	1	19.64	19.94	20.03	21.50
100	256QAM	1	1	17.92	18.11	18.06	19.50
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	22.17	22.42	22.45	24.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)



80	PI/2 BPSK	1	1	22.18	22.41	22.49	24.00
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	22.15	22.43	22.45	24.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	22.21	22.39	22.57	24.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	22.18	22.33	22.56	24.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	22.16	22.42	22.52	24.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	22.23	22.41	22.53	24.00
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	22.25	22.39	22.46	24.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	22.26	22.39	22.52	24.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	22.23	22.33	22.47	24.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	22.23	22.40	22.47	24.00

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

2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	Tune-up limit (dBm)
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	16.95	17.15	17.10	18.30
100	PI/2 BPSK	1	137	16.86	17.01	17.04	18.30
100	PI/2 BPSK	1	271	16.79	17.10	17.01	18.30
100	PI/2 BPSK	135	0	16.79	17.02	16.99	18.30
100	PI/2 BPSK	135	69	16.90	17.13	17.06	18.30
100	PI/2 BPSK	135	138	16.85	17.08	17.03	18.30
100	PI/2 BPSK	270	0	16.87	17.10	17.01	18.30
100	QPSK	1	1	16.88	17.02	16.97	18.30
100	QPSK	1	137	16.86	17.10	16.94	18.30
100	QPSK	1	271	16.89	17.10	17.03	18.30
100	QPSK	135	0	16.83	17.11	17.05	18.30
100	QPSK	135	69	16.78	17.11	16.95	18.30
100	QPSK	135	138	16.79	17.11	16.97	18.30
100	QPSK	270	0	16.82	17.11	16.97	18.30
100	16QAM	1	1	16.79	17.08	17.02	18.30
100	64QAM	1	1	16.81	17.12	16.94	18.30
100	256QAM	1	1	16.88	17.08	17.01	18.30
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	16.87	17.14	16.95	18.30
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	16.80	17.07	17.08	18.30
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	16.88	17.08	17.08	18.30
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	16.89	17.01	17.01	18.30
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	16.89	17.09	17.01	18.30
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	16.82	17.10	17.09	18.30
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	16.87	17.08	16.99	18.30



Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	16.89	17.13	17.01	18.30
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	16.85	17.11	17.01	18.30
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	16.89	17.07	17.02	18.30
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	16.83	17.02	17.09	18.30

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

7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	Tune-up limit
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	14.45	14.65	14.60	15.90
100	PI/2 BPSK	1	137	14.37	14.60	14.54	15.90
100	PI/2 BPSK	1	271	14.31	14.61	14.51	15.90
100	PI/2 BPSK	135	0	14.29	14.55	14.49	15.90
100	PI/2 BPSK	135	69	14.43	14.61	14.55	15.90
100	PI/2 BPSK	135	138	14.34	14.53	14.51	15.90
100	PI/2 BPSK	270	0	14.38	14.51	14.50	15.90
100	QPSK	1	1	14.39	14.61	14.52	15.90
100	QPSK	1	137	14.35	14.57	14.47	15.90
100	QPSK	1	271	14.32	14.55	14.43	15.90
100	QPSK	135	0	14.32	14.59	14.55	15.90
100	QPSK	135	69	14.38	14.58	14.44	15.90
100	QPSK	135	138	14.38	14.61	14.52	15.90
100	QPSK	270	0	14.32	14.51	14.45	15.90
100	16QAM	1	1	14.37	14.53	14.54	15.90
100	64QAM	1	1	14.35	14.56	14.50	15.90
100	256QAM	1	1	14.31	14.60	14.53	15.90
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	14.37	14.53	14.45	15.90
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	14.32	14.61	14.43	15.90
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	14.32	14.62	14.48	15.90
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	14.31	14.51	14.49	15.90
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	14.40	14.61	14.44	15.90
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	14.31	14.63	14.44	15.90
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	14.41	14.58	14.45	15.90
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	14.35	14.64	14.51	15.90
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	14.40	14.53	14.43	15.90
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	14.38	14.52	14.41	15.90
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	14.44	14.56	14.47	15.90



【FR1 n77 (270)_FCC_Part 270 (3700~3980MHz)_Ant 5_EC1

3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	Tune-up limit (dBm)
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	16.48	16.71	16.61	17.80
100	PI/2 BPSK	1	137	16.40	16.55	16.47	17.80
100	PI/2 BPSK	1	271	16.32	16.56	16.47	17.80
100	PI/2 BPSK	135	0	16.31	16.56	16.44	17.80
100	PI/2 BPSK	135	69	16.53	16.65	16.58	17.80
100	PI/2 BPSK	135	138	16.43	16.62	16.52	17.80
100	PI/2 BPSK	270	0	16.34	16.57	16.50	17.80
100	QPSK	1	1	16.30	16.56	16.44	17.80
100	QPSK	1	137	16.37	16.53	16.46	17.80
100	QPSK	1	271	16.39	16.52	16.44	17.80
100	QPSK	135	0	16.36	16.54	16.44	17.80
100	QPSK	135	69	16.34	16.57	16.51	17.80
100	QPSK	135	138	16.29	16.56	16.43	17.80
100	QPSK	270	0	16.28	16.53	16.48	17.80
100	16QAM	1	1	16.34	16.53	16.45	17.80
100	64QAM	1	1	16.40	16.58	16.49	17.80
100	256QAM	1	1	16.31	16.60	16.55	17.80
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	16.45	16.69	16.51	17.80
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	16.43	16.58	16.49	17.80
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	16.35	16.63	16.46	17.80
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	16.42	16.59	16.51	17.80
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	16.41	16.64	16.52	17.80
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	16.45	16.68	16.50	17.80
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	16.33	16.62	16.54	17.80
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	16.39	16.66	16.54	17.80
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	16.38	16.67	16.50	17.80
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	16.38	16.68	16.51	17.80
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	16.39	16.59	16.58	17.80

【FR1 n77 (270)_FCC_Part 270 (3700~3980MHz)_Ant 5_EC1

6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	Tune-up limit (dBm)
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	20.46	20.64	20.62	21.80
100	PI/2 BPSK	1	137	20.37	20.51	20.43	21.80
100	PI/2 BPSK	1	271	20.37	20.55	20.47	21.80
100	PI/2 BPSK	135	0	20.36	20.60	20.49	21.80
100	PI/2 BPSK	135	69	20.44	20.62	20.56	21.80
100	PI/2 BPSK	135	138	20.33	20.60	20.53	21.80
100	PI/2 BPSK	270	0	20.36	20.60	20.49	21.80
100	QPSK	1	1	20.28	20.57	20.46	21.80



100	QPSK	1	137	20.35	20.60	20.44	21.80
100	QPSK	1	271	20.36	20.61	20.46	21.80
100	QPSK	135	0	20.36	20.53	20.49	21.80
100	QPSK	135	69	20.34	20.55	20.51	21.80
100	QPSK	135	138	20.32	20.52	20.45	21.80
100	QPSK	270	0	20.33	20.51	20.51	21.80
100	16QAM	1	1	20.35	20.55	20.53	21.80
100	64QAM	1	1	19.95	20.20	20.08	21.30
100	256QAM	1	1	17.91	18.19	18.04	19.30
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	20.37	20.50	20.51	21.80
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	20.35	20.57	20.55	21.80
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	20.31	20.63	20.51	21.80
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	20.38	20.57	20.52	21.80
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	20.36	20.62	20.48	21.80
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	20.32	20.49	20.49	21.80
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	20.36	20.51	20.59	21.80
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	20.33	20.53	20.55	21.80
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	20.38	20.63	20.54	21.80
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	20.35	20.54	20.54	21.80
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	20.36	20.51	20.49	21.80

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

4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	22.44	22.67	22.59	24.00
100	PI/2 BPSK	1	137	22.18	22.45	22.52	24.00
100	PI/2 BPSK	1	271	22.33	22.63	22.67	24.00
100	PI/2 BPSK	135	0	21.85	22.13	22.13	23.50
100	PI/2 BPSK	135	69	22.32	22.55	22.58	24.00
100	PI/2 BPSK	135	138	21.90	22.18	22.28	23.50
100	PI/2 BPSK	270	0	21.93	22.15	22.23	23.50
100	QPSK	1	1	22.25	22.46	22.54	24.00
100	QPSK	1	137	22.19	22.48	22.52	24.00
100	QPSK	1	271	22.30	22.62	22.68	24.00
100	QPSK	135	0	21.26	21.45	21.45	23.00
100	QPSK	135	69	22.22	22.54	22.53	24.00
100	QPSK	135	138	21.16	21.47	21.57	23.00
100	QPSK	270	0	21.21	21.51	21.50	23.00
100	16QAM	1	1	21.15	21.37	21.46	23.00
100	64QAM	1	1	19.64	19.94	20.03	21.50
100	256QAM	1	1	17.92	18.11	18.06	19.50
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	22.17	22.42	22.45	24.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	22.18	22.41	22.49	24.00
Channel				649000	656000	663000	Tune-up limit



Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	22.15	22.43	22.45	24.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	22.21	22.39	22.57	24.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	22.18	22.33	22.56	24.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	22.16	22.42	22.52	24.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	22.23	22.41	22.53	24.00
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	22.25	22.39	22.46	24.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	22.26	22.39	22.52	24.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	22.23	22.33	22.47	24.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	22.23	22.40	22.47	24.00

【FR1 n77 (270)___FCC_Part 270 (3700~3980MHz)_Ant 8_Full

Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	22.03	22.19	22.16	23.00
100	PI/2 BPSK	1	137	21.87	22.08	21.97	23.00
100	PI/2 BPSK	1	271	21.93	22.14	21.96	23.00
100	PI/2 BPSK	135	0	21.68	21.96	21.79	22.50
100	PI/2 BPSK	135	69	21.90	22.16	22.01	23.00
100	PI/2 BPSK	135	138	21.37	21.62	21.44	22.50
100	PI/2 BPSK	270	0	21.45	21.66	21.59	22.50
100	QPSK	1	1	21.69	21.92	21.85	23.00
100	QPSK	1	137	21.87	22.07	21.98	23.00
100	QPSK	1	271	21.89	22.18	22.05	23.00
100	QPSK	135	0	20.90	21.12	20.96	22.00
100	QPSK	135	69	21.93	22.15	22.10	23.00
100	QPSK	135	138	20.92	21.19	21.07	22.00
100	QPSK	270	0	20.85	21.12	21.06	22.00
100	16QAM	1	1	21.06	21.24	21.15	22.00
100	64QAM	1	1	19.81	20.04	19.98	20.50
100	256QAM	1	1	17.89	18.11	17.97	18.50
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	21.97	22.13	22.12	23.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	21.96	22.13	22.10	23.00
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	21.90	22.17	22.13	23.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	21.96	22.07	22.07	23.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	21.98	22.13	22.12	23.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	21.99	22.04	22.03	23.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	22.01	22.07	22.02	23.00
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)

25	PI/2 BPSK	1	1	22.01	22.16	22.13	23.00
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	21.92	22.13	22.10	23.00
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	21.98	22.10	22.14	23.00
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	21.95	22.15	22.10	23.00

【FR1 n77 (270)___FCC_Part 270 (3700~3980MHz)_Ant 8_ECI

2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	22.03	22.19	22.16	23.00
100	PI/2 BPSK	1	137	21.87	22.08	21.97	23.00
100	PI/2 BPSK	1	271	21.93	22.14	21.96	23.00
100	PI/2 BPSK	135	0	21.68	21.96	21.79	22.50
100	PI/2 BPSK	135	69	21.90	22.16	22.01	23.00
100	PI/2 BPSK	135	138	21.37	21.62	21.44	22.50
100	PI/2 BPSK	270	0	21.45	21.66	21.59	22.50
100	QPSK	1	1	21.69	21.92	21.85	23.00
100	QPSK	1	137	21.87	22.07	21.98	23.00
100	QPSK	1	271	21.89	22.18	22.05	23.00
100	QPSK	135	0	20.90	21.12	20.96	22.00
100	QPSK	135	69	21.93	22.15	22.10	23.00
100	QPSK	135	138	20.92	21.19	21.07	22.00
100	QPSK	270	0	20.85	21.12	21.06	22.00
100	16QAM	1	1	21.06	21.24	21.15	22.00
100	64QAM	1	1	19.81	20.04	19.98	20.50
100	256QAM	1	1	17.89	18.11	17.97	18.50
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	21.97	22.13	22.12	23.00
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	21.96	22.13	22.10	23.00
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	21.90	22.17	22.13	23.00
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	21.96	22.07	22.07	23.00
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	21.98	22.13	22.12	23.00
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	21.99	22.04	22.03	23.00
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	22.01	22.07	22.02	23.00
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	22.01	22.16	22.13	23.00
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	21.92	22.13	22.10	23.00
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	21.98	22.10	22.14	23.00
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	21.95	22.15	22.10	23.00



【FR1 n77 (270)___FCC_Part 270 (3700~3980MHz)_Ant 8_ECI

7]

BW [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	8.53	8.74	8.72	10.10
100	PI/2 BPSK	1	137	8.25	8.56	8.54	10.10
100	PI/2 BPSK	1	271	8.23	8.57	8.60	10.10
100	PI/2 BPSK	135	0	8.39	8.61	8.56	10.10
100	PI/2 BPSK	135	69	8.46	8.65	8.58	10.10
100	PI/2 BPSK	135	138	8.26	8.54	8.41	10.10
100	PI/2 BPSK	270	0	8.21	8.60	8.42	10.10
100	QPSK	1	1	8.39	8.61	8.47	10.10
100	QPSK	1	137	8.36	8.59	8.45	10.10
100	QPSK	1	271	8.27	8.61	8.54	10.10
100	QPSK	135	0	8.35	8.59	8.53	10.10
100	QPSK	135	69	8.31	8.55	8.44	10.10
100	QPSK	135	138	8.29	8.58	8.49	10.10
100	QPSK	270	0	8.20	8.54	8.44	10.10
100	16QAM	1	1	8.33	8.64	8.50	10.10
100	64QAM	1	1	8.31	8.60	8.49	10.10
100	256QAM	1	1	8.32	8.63	8.56	10.10
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	8.51	8.66	8.68	10.10
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	8.49	8.60	8.64	10.10
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	8.49	8.63	8.64	10.10
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	8.45	8.67	8.65	10.10
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	8.41	8.67	8.66	10.10
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	8.51	8.60	8.61	10.10
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	8.52	8.63	8.68	10.10
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	PI/2 BPSK	1	1	8.51	8.65	8.70	10.10
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	8.49	8.60	8.67	10.10
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	8.42	8.70	8.59	10.10
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	8.40	8.69	8.59	10.10

【FR1 n77 (270)___FCC_Part 270 (3700~3980MHz)_Ant 8_ECI

3]

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	10.38	10.74	10.65	12.10
100	PI/2 BPSK	1	137	10.20	10.64	10.54	12.10
100	PI/2 BPSK	1	271	10.22	10.54	10.53	12.10
100	PI/2 BPSK	135	0	10.23	10.57	10.53	12.10
100	PI/2 BPSK	135	69	10.24	10.59	10.54	12.10
100	PI/2 BPSK	135	138	10.30	10.54	10.52	12.10
100	PI/2 BPSK	270	0	10.19	10.64	10.57	12.10



100	QPSK	1	1	10.22	10.65	10.57	12.10
100	QPSK	1	137	10.20	10.58	10.57	12.10
100	QPSK	1	271	10.27	10.53	10.52	12.10
100	QPSK	135	0	10.23	10.58	10.51	12.10
100	QPSK	135	69	10.24	10.59	10.55	12.10
100	QPSK	135	138	10.28	10.58	10.58	12.10
100	QPSK	270	0	10.22	10.53	10.58	12.10
100	16QAM	1	1	10.18	10.57	10.53	12.10
100	64QAM	1	1	10.25	10.58	10.55	12.10
100	256QAM	1	1	10.30	10.65	10.52	12.10
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	10.28	10.65	10.63	12.10
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	10.32	10.64	10.51	12.10
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	10.35	10.61	10.54	12.10
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	10.30	10.71	10.62	12.10
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	10.31	10.68	10.59	12.10
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	10.35	10.66	10.55	12.10
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	10.37	10.69	10.60	12.10
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	10.23	10.66	10.50	12.10
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	10.36	10.66	10.61	12.10
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	10.32	10.65	10.50	12.10
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	10.30	10.62	10.54	12.10

【FR1 n77 (270)___FCC_Part 270 (3700~3980MHz)_Ant 8_ECI

6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	18.43	18.67	18.61	20.00
100	PI/2 BPSK	1	137	18.28	18.54	18.56	20.00
100	PI/2 BPSK	1	271	18.19	18.55	18.59	20.00
100	PI/2 BPSK	135	0	18.29	18.62	18.57	20.00
100	PI/2 BPSK	135	69	18.30	18.65	18.62	20.00
100	PI/2 BPSK	135	138	18.27	18.60	18.54	20.00
100	PI/2 BPSK	270	0	18.19	18.55	18.50	20.00
100	QPSK	1	1	18.29	18.64	18.51	20.00
100	QPSK	1	137	18.26	18.63	18.53	20.00
100	QPSK	1	271	18.22	18.55	18.54	20.00
100	QPSK	135	0	18.18	18.59	18.57	20.00
100	QPSK	135	69	18.20	18.60	18.52	20.00
100	QPSK	135	138	18.25	18.64	18.51	20.00
100	QPSK	270	0	18.20	18.60	18.55	20.00
100	16QAM	1	1	18.23	18.59	18.52	20.00
100	64QAM	1	1	18.26	18.54	18.62	20.00
100	256QAM	1	1	17.35	17.71	17.65	19.00
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	18.28	18.66	18.59	20.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	18.22	18.62	18.50	20.00



Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	18.32	18.56	18.60	20.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	18.30	18.56	18.48	20.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	18.31	18.61	18.59	20.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	18.22	18.62	18.59	20.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	18.21	18.53	18.56	20.00
Channel				647500	656000	664500	Tune-up limit
Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	18.27	18.54	18.56	20.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	18.22	18.63	18.47	20.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	18.24	18.65	18.52	20.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	18.23	18.55	18.58	20.00

【FR1 n77 (270)_FCC_Part 270 (3700~3980MHz)_Ant 8_ECI

4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	22.03	22.19	22.16	23.00
100	PI/2 BPSK	1	137	21.87	22.08	21.97	23.00
100	PI/2 BPSK	1	271	21.93	22.14	21.96	23.00
100	PI/2 BPSK	135	0	21.68	21.96	21.79	22.50
100	PI/2 BPSK	135	69	21.90	22.16	22.01	23.00
100	PI/2 BPSK	135	138	21.37	21.62	21.44	22.50
100	PI/2 BPSK	270	0	21.45	21.66	21.59	22.50
100	QPSK	1	1	21.69	21.92	21.85	23.00
100	QPSK	1	137	21.87	22.07	21.98	23.00
100	QPSK	1	271	21.89	22.18	22.05	23.00
100	QPSK	135	0	20.90	21.12	20.96	22.00
100	QPSK	135	69	21.93	22.15	22.10	23.00
100	QPSK	135	138	20.92	21.19	21.07	22.00
100	QPSK	270	0	20.85	21.12	21.06	22.00
100	16QAM	1	1	21.06	21.24	21.15	22.00
100	64QAM	1	1	19.81	20.04	19.98	20.50
100	256QAM	1	1	17.89	18.11	17.97	18.50
Channel				649668	656000	662332	Tune-up limit
Frequency (MHz)				3745.02	3840	3934.98	(dBm)
90	PI/2 BPSK	1	1	21.97	22.13	22.12	23.00
Channel				649334	656000	662666	Tune-up limit
Frequency (MHz)				3740.01	3840	3939.99	(dBm)
80	PI/2 BPSK	1	1	21.96	22.13	22.10	23.00
Channel				649000	656000	663000	Tune-up limit
Frequency (MHz)				3735	3840	3945	(dBm)
70	PI/2 BPSK	1	1	21.90	22.17	22.13	23.00
Channel				648668	656000	663332	Tune-up limit
Frequency (MHz)				3730.02	3840	3949.98	(dBm)
60	PI/2 BPSK	1	1	21.96	22.07	22.07	23.00
Channel				648334	656000	663666	Tune-up limit
Frequency (MHz)				3725.01	3840	3954.99	(dBm)
50	PI/2 BPSK	1	1	21.98	22.13	22.12	23.00
Channel				648000	656000	664000	Tune-up limit
Frequency (MHz)				3720	3840	3960	(dBm)
40	PI/2 BPSK	1	1	21.99	22.04	22.03	23.00
Channel				647668	656000	664332	Tune-up limit
Frequency (MHz)				3715.02	3840	3964.98	(dBm)
30	PI/2 BPSK	1	1	22.01	22.07	22.02	23.00
Channel				647500	656000	664500	Tune-up limit



Frequency (MHz)				3712.5	3840	3967.5	(dBm)
25	PI/2 BPSK	1	1	22.01	22.16	22.13	23.00
Channel				647334	656000	664666	Tune-up limit
Frequency (MHz)				3710.01	3840	3969.99	(dBm)
20	PI/2 BPSK	1	1	21.92	22.13	22.10	23.00
Channel				647168	656000	664832	Tune-up limit
Frequency (MHz)				3707.52	3840	3972.48	(dBm)
15	PI/2 BPSK	1	1	21.98	22.10	22.14	23.00
Channel				647000	656000	665000	Tune-up limit
Frequency (MHz)				3705	3840	3975	(dBm)
10	PI/2 BPSK	1	1	21.95	22.15	22.10	23.00

【FR1 n78 (270)_FCC_Part 270 (3700~3800MHz)_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					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		17.59		19.00
100	PI/2 BPSK	1	137		17.45		19.00
100	PI/2 BPSK	1	271		17.44		19.00
100	PI/2 BPSK	135	0		17.07		18.50
100	PI/2 BPSK	135	69		17.45		19.00
100	PI/2 BPSK	135	138		17.10		18.50
100	PI/2 BPSK	270	0		17.03		18.50
100	QPSK	1	1		17.46		19.00
100	QPSK	1	137		17.48		19.00
100	QPSK	1	271		17.46		19.00
100	QPSK	135	0		16.62		18.00
100	QPSK	135	69		17.52		19.00
100	QPSK	135	138		16.56		18.00
100	QPSK	270	0		16.60		18.00
100	16QAM	1	1		16.54		18.00
100	64QAM	1	1		15.08		16.50
100	256QAM	1	1		13.13		14.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	17.54	17.55	17.53	19.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	17.53	17.52	17.51	19.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	17.41	17.46	17.40	19.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	17.48	17.42	17.41	19.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	17.47	17.48	17.48	19.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	17.52	17.51	17.43	19.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	17.49	17.47	17.42	19.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	17.40	17.43	17.39	19.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	17.39	17.46	17.38	19.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	17.39	17.51	17.51	19.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	17.50	17.42	17.42	19.00



【FR1 n78 (270)___FCC_Part 270 (3700~3800MHz)_Ant 1_ECI

2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		17.59		19.00
100	PI/2 BPSK	1	137		17.45		19.00
100	PI/2 BPSK	1	271		17.44		19.00
100	PI/2 BPSK	135	0		17.07		18.50
100	PI/2 BPSK	135	69		17.45		19.00
100	PI/2 BPSK	135	138		17.10		18.50
100	PI/2 BPSK	270	0		17.03		18.50
100	QPSK	1	1		17.46		19.00
100	QPSK	1	137		17.48		19.00
100	QPSK	1	271		17.46		19.00
100	QPSK	135	0		16.62		18.00
100	QPSK	135	69		17.52		19.00
100	QPSK	135	138		16.56		18.00
100	QPSK	270	0		16.60		18.00
100	16QAM	1	1		16.54		18.00
100	64QAM	1	1		15.08		16.50
100	256QAM	1	1		13.13		14.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	17.54	17.55	17.53	19.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	17.53	17.52	17.51	19.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	17.41	17.46	17.40	19.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	17.48	17.42	17.41	19.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	17.47	17.48	17.48	19.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	17.52	17.51	17.43	19.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	17.49	17.47	17.42	19.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	17.40	17.43	17.39	19.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	17.39	17.46	17.38	19.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	17.39	17.51	17.51	19.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	17.50	17.42	17.42	19.00

【FR1 n78 (270)___FCC_Part 270 (3700~3800MHz)_Ant 1_ECI

7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		14.12		15.00
100	PI/2 BPSK	1	137		14.00		15.00
100	PI/2 BPSK	1	271		13.98		15.00
100	PI/2 BPSK	135	0		14.03		15.00
100	PI/2 BPSK	135	69		14.10		15.00
100	PI/2 BPSK	135	138		14.02		15.00



100	PI/2 BPSK	270	0		14.02		15.00
100	QPSK	1	1		13.94		15.00
100	QPSK	1	137		14.02		15.00
100	QPSK	1	271		14.03		15.00
100	QPSK	135	0		14.05		15.00
100	QPSK	135	69		13.95		15.00
100	QPSK	135	138		14.04		15.00
100	QPSK	270	0		14.02		15.00
100	16QAM	1	1		14.03		15.00
100	64QAM	1	1		13.95		15.00
100	256QAM	1	1		13.07		14.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	14.03	14.05	14.03	15.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	13.90	14.02	13.96	15.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	13.88	13.99	13.91	15.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	13.98	13.92	13.96	15.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	13.97	14.02	13.93	15.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	13.93	13.95	14.01	15.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	13.88	14.00	13.89	15.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	14.00	13.94	13.95	15.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	13.95	13.91	13.92	15.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	13.89	13.91	13.93	15.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	13.91	13.97	14.00	15.00

【FR1 n78 (270)_FCC_Part 270 (3700~3800MHz)_Ant 1_EC1

3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		15.06		16.30
100	PI/2 BPSK	1	137		14.95		16.30
100	PI/2 BPSK	1	271		14.94		16.30
100	PI/2 BPSK	135	0		14.95		16.30
100	PI/2 BPSK	135	69		15.00		16.30
100	PI/2 BPSK	135	138		14.93		16.30
100	PI/2 BPSK	270	0		15.00		16.30
100	QPSK	1	1		15.04		16.30
100	QPSK	1	137		14.94		16.30
100	QPSK	1	271		15.02		16.30
100	QPSK	135	0		15.03		16.30
100	QPSK	135	69		14.93		16.30
100	QPSK	135	138		15.00		16.30
100	QPSK	270	0		14.97		16.30
100	16QAM	1	1		14.99		16.30
100	64QAM	1	1		14.96		16.30
100	256QAM	1	1		13.07		14.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	14.98	14.96	14.96	16.30
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)



80	PI/2 BPSK	1	1	14.94	14.87	14.90	16.30
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	14.95	14.82	14.90	16.30
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	14.89	14.85	14.90	16.30
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	14.84	14.86	14.84	16.30
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	14.92	14.82	14.93	16.30
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	14.91	14.95	14.90	16.30
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	14.89	14.95	14.85	16.30
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	14.95	14.83	14.82	16.30
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	14.90	14.93	14.82	16.30
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	14.90	14.91	14.83	16.30

【FR1 n78 (270)___FCC_Part 270 (3700~3800MHz)_Ant 1_ECI

6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		17.59		19.00
100	PI/2 BPSK	1	137		17.45		19.00
100	PI/2 BPSK	1	271		17.44		19.00
100	PI/2 BPSK	135	0		17.07		18.50
100	PI/2 BPSK	135	69		17.45		19.00
100	PI/2 BPSK	135	138		17.10		18.50
100	PI/2 BPSK	270	0		17.03		18.50
100	QPSK	1	1		17.46		19.00
100	QPSK	1	137		17.48		19.00
100	QPSK	1	271		17.46		19.00
100	QPSK	135	0		16.62		18.00
100	QPSK	135	69		17.52		19.00
100	QPSK	135	138		16.56		18.00
100	QPSK	270	0		16.60		18.00
100	16QAM	1	1		16.54		18.00
100	64QAM	1	1		15.08		16.50
100	256QAM	1	1		13.13		14.50
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	17.54	17.55	17.53	19.00
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	17.53	17.52	17.51	19.00
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	17.41	17.46	17.40	19.00
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	17.48	17.42	17.41	19.00
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	17.47	17.48	17.48	19.00
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	17.52	17.51	17.43	19.00
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	17.49	17.47	17.42	19.00



Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	17.40	17.43	17.39	19.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	17.39	17.46	17.38	19.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	17.39	17.51	17.51	19.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	17.50	17.42	17.42	19.00

【FR1 n78 (270)___FCC_Part 270 (3700~3800MHz)_Ant 1_EC1

4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		17.59		19.00
100	PI/2 BPSK	1	137		17.45		19.00
100	PI/2 BPSK	1	271		17.44		19.00
100	PI/2 BPSK	135	0		17.07		18.50
100	PI/2 BPSK	135	69		17.45		19.00
100	PI/2 BPSK	135	138		17.10		18.50
100	PI/2 BPSK	270	0		17.03		18.50
100	QPSK	1	1		17.46		19.00
100	QPSK	1	137		17.48		19.00
100	QPSK	1	271		17.46		19.00
100	QPSK	135	0		16.62		18.00
100	QPSK	135	69		17.52		19.00
100	QPSK	135	138		16.56		18.00
100	QPSK	270	0		16.60		18.00
100	16QAM	1	1		16.54		18.00
100	64QAM	1	1		15.08		16.50
100	256QAM	1	1		13.13		14.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	17.54	17.55	17.53	19.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	17.53	17.52	17.51	19.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	17.41	17.46	17.40	19.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	17.48	17.42	17.41	19.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	17.47	17.48	17.48	19.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	17.52	17.51	17.43	19.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	17.49	17.47	17.42	19.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	17.40	17.43	17.39	19.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	17.39	17.46	17.38	19.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	17.39	17.51	17.51	19.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	17.50	17.42	17.42	19.00



【FR1 n78 (270)___FCC_Part 27O (3700~3800MHz)_Ant 2_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		19.15		20.00
100	PI/2 BPSK	1	137		19.14		20.00
100	PI/2 BPSK	1	271		19.13		20.00
100	PI/2 BPSK	135	0		18.75		19.50
100	PI/2 BPSK	135	69		19.09		20.00
100	PI/2 BPSK	135	138		18.70		19.50
100	PI/2 BPSK	270	0		18.71		19.50
100	QPSK	1	1		19.11		20.00
100	QPSK	1	137		19.21		20.00
100	QPSK	1	271		19.14		20.00
100	QPSK	135	0		18.27		19.00
100	QPSK	135	69		19.16		20.00
100	QPSK	135	138		18.29		19.00
100	QPSK	270	0		18.24		19.00
100	16QAM	1	1		18.23		19.00
100	64QAM	1	1		16.74		17.50
100	256QAM	1	1		14.74		15.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	19.08	19.11	19.13	20.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	19.02	19.05	19.10	20.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	19.00	19.07	19.10	20.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	19.05	19.13	19.04	20.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	19.00	19.11	19.08	20.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	19.00	19.10	19.13	20.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	19.06	19.05	19.08	20.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	19.00	19.11	19.05	20.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	19.04	19.12	19.07	20.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	19.00	19.11	19.05	20.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	19.01	19.05	19.14	20.00

【FR1 n78 (270)___FCC_Part 27O (3700~3800MHz)_Ant 2_EC1

2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		19.15		20.00
100	PI/2 BPSK	1	137		19.14		20.00
100	PI/2 BPSK	1	271		19.13		20.00
100	PI/2 BPSK	135	0		18.75		19.50
100	PI/2 BPSK	135	69		19.09		20.00
100	PI/2 BPSK	135	138		18.70		19.50
100	PI/2 BPSK	270	0		18.71		19.50
100	QPSK	1	1		19.11		20.00



100	QPSK	1	137		19.21		20.00
100	QPSK	1	271		19.14		20.00
100	QPSK	135	0		18.27		19.00
100	QPSK	135	69		19.16		20.00
100	QPSK	135	138		18.29		19.00
100	QPSK	270	0		18.24		19.00
100	16QAM	1	1		18.23		19.00
100	64QAM	1	1		16.74		17.50
100	256QAM	1	1		14.74		15.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	19.08	19.11	19.13	20.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	19.02	19.05	19.10	20.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	19.00	19.07	19.10	20.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	19.05	19.13	19.04	20.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	19.00	19.11	19.08	20.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	19.00	19.10	19.13	20.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	19.06	19.05	19.08	20.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	19.00	19.11	19.05	20.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	19.04	19.12	19.07	20.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	19.00	19.11	19.05	20.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	19.01	19.05	19.14	20.00

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

7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		14.20		15.40
100	PI/2 BPSK	1	137		14.04		15.40
100	PI/2 BPSK	1	271		14.05		15.40
100	PI/2 BPSK	135	0		14.14		15.40
100	PI/2 BPSK	135	69		14.16		15.40
100	PI/2 BPSK	135	138		14.11		15.40
100	PI/2 BPSK	270	0		14.13		15.40
100	QPSK	1	1		14.08		15.40
100	QPSK	1	137		14.09		15.40
100	QPSK	1	271		14.12		15.40
100	QPSK	135	0		14.11		15.40
100	QPSK	135	69		14.02		15.40
100	QPSK	135	138		14.09		15.40
100	QPSK	270	0		14.05		15.40
100	16QAM	1	1		14.05		15.40
100	64QAM	1	1		14.08		15.40
100	256QAM	1	1		14.10		14.90
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	14.10	14.13	14.08	15.40
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	14.01	14.04	13.95	15.40
Channel				649000	650000	651000	Tune-up limit



Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	13.96	14.11	13.99	15.40
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	13.97	14.02	13.95	15.40
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	14.07	14.02	13.99	15.40
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	13.98	14.00	13.94	15.40
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	14.07	14.02	14.02	15.40
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	14.07	14.11	14.02	15.40
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	14.02	14.06	14.03	15.40
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	13.96	14.07	14.02	15.40
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	14.01	14.07	14.03	15.40

【FR1 n78 (270)_FCC_Part 270 (3700~3800MHz)_Ant 2_EC1

3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		16.59		17.90
100	PI/2 BPSK	1	137		16.52		17.90
100	PI/2 BPSK	1	271		16.53		17.90
100	PI/2 BPSK	135	0		16.47		17.90
100	PI/2 BPSK	135	69		16.53		17.90
100	PI/2 BPSK	135	138		16.52		17.90
100	PI/2 BPSK	270	0		16.55		17.90
100	QPSK	1	1		16.40		17.90
100	QPSK	1	137		16.45		17.90
100	QPSK	1	271		16.44		17.90
100	QPSK	135	0		16.48		17.90
100	QPSK	135	69		16.54		17.90
100	QPSK	135	138		16.50		17.90
100	QPSK	270	0		16.55		17.90
100	16QAM	1	1		16.53		17.90
100	64QAM	1	1		16.44		17.90
100	256QAM	1	1		14.61		15.90
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	16.52	16.50	16.48	17.90
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	16.46	16.41	16.41	17.90
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	16.45	16.48	16.41	17.90
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	16.50	16.48	16.46	17.90
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	16.45	16.38	16.43	17.90
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	16.40	16.47	16.34	17.90
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	16.50	16.40	16.37	17.90
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	(dBm)



FCC SAR Test Report

Report No. : FA5O1022-01

25	PI/2 BPSK	1	1	16.43	16.46	16.47	17.90
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	16.51	16.41	16.44	17.90
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	16.41	16.39	16.44	17.90
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	16.37	16.41	16.41	17.90

【FR1 n78 (270)___FCC_Part 270 (3700~3800MHz)_Ant 2_ECI

6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		19.15		20.00
100	PI/2 BPSK	1	137		19.14		20.00
100	PI/2 BPSK	1	271		19.13		20.00
100	PI/2 BPSK	135	0		18.75		19.50
100	PI/2 BPSK	135	69		19.09		20.00
100	PI/2 BPSK	135	138		18.70		19.50
100	PI/2 BPSK	270	0		18.71		19.50
100	QPSK	1	1		19.11		20.00
100	QPSK	1	137		19.21		20.00
100	QPSK	1	271		19.14		20.00
100	QPSK	135	0		18.27		19.00
100	QPSK	135	69		19.16		20.00
100	QPSK	135	138		18.29		19.00
100	QPSK	270	0		18.24		19.00
100	16QAM	1	1		18.23		19.00
100	64QAM	1	1		16.74		17.50
100	256QAM	1	1		14.74		15.50
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	19.08	19.11	19.13	20.00
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	19.02	19.05	19.10	20.00
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	19.00	19.07	19.10	20.00
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	19.05	19.13	19.04	20.00
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	19.00	19.11	19.08	20.00
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	19.00	19.10	19.13	20.00
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	19.06	19.05	19.08	20.00
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	19.00	19.11	19.05	20.00
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	19.04	19.12	19.07	20.00
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	19.00	19.11	19.05	20.00
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	19.01	19.05	19.14	20.00



【FR1 n78 (270)___FCC_Part 270 (3700~3800MHz)_Ant 2_ECI

4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		19.15		20.00
100	PI/2 BPSK	1	137		19.14		20.00
100	PI/2 BPSK	1	271		19.13		20.00
100	PI/2 BPSK	135	0		18.75		19.50
100	PI/2 BPSK	135	69		19.09		20.00
100	PI/2 BPSK	135	138		18.70		19.50
100	PI/2 BPSK	270	0		18.71		19.50
100	QPSK	1	1		19.11		20.00
100	QPSK	1	137		19.21		20.00
100	QPSK	1	271		19.14		20.00
100	QPSK	135	0		18.27		19.00
100	QPSK	135	69		19.16		20.00
100	QPSK	135	138		18.29		19.00
100	QPSK	270	0		18.24		19.00
100	16QAM	1	1		18.23		19.00
100	64QAM	1	1		16.74		17.50
100	256QAM	1	1		14.74		15.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	19.08	19.11	19.13	20.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	19.02	19.05	19.10	20.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	19.00	19.07	19.10	20.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	19.05	19.13	19.04	20.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	19.00	19.11	19.08	20.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	19.00	19.10	19.13	20.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	19.06	19.05	19.08	20.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	19.00	19.11	19.05	20.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	19.04	19.12	19.07	20.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	19.00	19.11	19.05	20.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	19.01	19.05	19.14	20.00

【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		22.53		24.00
100	PI/2 BPSK	1	137		22.46		24.00
100	PI/2 BPSK	1	271		22.51		24.00
100	PI/2 BPSK	135	0		22.23		23.50
100	PI/2 BPSK	135	69		22.57		24.00
100	PI/2 BPSK	135	138		22.25		23.50



100	PI/2 BPSK	270	0		22.16		23.50
100	QPSK	1	1		22.35		24.00
100	QPSK	1	137		22.48		24.00
100	QPSK	1	271		22.59		24.00
100	QPSK	135	0		21.45		23.00
100	QPSK	135	69		22.57		24.00
100	QPSK	135	138		21.51		23.00
100	QPSK	270	0		21.52		23.00
100	16QAM	1	1		21.23		23.00
100	64QAM	1	1		20.11		21.50
100	256QAM	1	1		18.04		19.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	22.41	22.44	22.34	24.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	22.34	22.42	22.25	24.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	22.33	22.31	22.31	24.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	22.38	22.42	22.21	24.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	22.29	22.39	22.28	24.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	22.30	22.40	22.21	24.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	22.27	22.34	22.21	24.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	22.30	22.32	22.27	24.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	22.32	22.30	22.31	24.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	22.38	22.29	22.20	24.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	22.33	22.41	22.28	24.00

【FR1 n78 (270)_FCC_Part 270 (3700~3800MHz)_Ant 5_EC1
2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		17.05		18.30
100	PI/2 BPSK	1	137		16.92		18.30
100	PI/2 BPSK	1	271		16.97		18.30
100	PI/2 BPSK	135	0		16.97		18.30
100	PI/2 BPSK	135	69		16.92		18.30
100	PI/2 BPSK	135	138		16.97		18.30
100	PI/2 BPSK	270	0		16.88		18.30
100	QPSK	1	1		16.98		18.30
100	QPSK	1	137		16.90		18.30
100	QPSK	1	271		16.99		18.30
100	QPSK	135	0		16.88		18.30
100	QPSK	135	69		16.99		18.30
100	QPSK	135	138		16.91		18.30
100	QPSK	270	0		16.94		18.30
100	16QAM	1	1		16.97		18.30
100	64QAM	1	1		16.94		18.30
100	256QAM	1	1		16.98		18.30
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	17.00	16.98	16.97	18.30
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)



80	PI/2 BPSK	1	1	16.98	16.93	16.85	18.30
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	16.96	16.85	16.95	18.30
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	16.90	16.86	16.89	18.30
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	16.88	16.90	16.83	18.30
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	16.98	16.97	16.88	18.30
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	16.89	16.93	16.88	18.30
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	16.92	16.90	16.86	18.30
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	16.96	16.90	16.89	18.30
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	16.93	16.90	16.92	18.30
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	16.97	16.92	16.92	18.30

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

7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		14.47		15.90
100	PI/2 BPSK	1	137		14.47		15.90
100	PI/2 BPSK	1	271		14.42		15.90
100	PI/2 BPSK	135	0		14.44		15.90
100	PI/2 BPSK	135	69		14.45		15.90
100	PI/2 BPSK	135	138		14.39		15.90
100	PI/2 BPSK	270	0		14.43		15.90
100	QPSK	1	1		14.46		15.90
100	QPSK	1	137		14.44		15.90
100	QPSK	1	271		14.45		15.90
100	QPSK	135	0		14.46		15.90
100	QPSK	135	69		14.45		15.90
100	QPSK	135	138		14.46		15.90
100	QPSK	270	0		14.40		15.90
100	16QAM	1	1		14.43		15.90
100	64QAM	1	1		14.41		15.90
100	256QAM	1	1		14.46		15.90
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	14.34	14.40	14.38	15.90
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	14.26	14.31	14.27	15.90
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	14.29	14.27	14.35	15.90
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	14.30	14.33	14.31	15.90
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	14.30	14.34	14.34	15.90
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	14.31	14.36	14.25	15.90
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	14.32	14.35	14.35	15.90



Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	14.26	14.27	14.36	15.90
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	14.23	14.38	14.24	15.90
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	14.31	14.34	14.33	15.90
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	14.20	14.27	14.37	15.90

【FR1 n78 (270)___FCC_Part 270 (3700~3800MHz)_Ant 5_EC1

3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		16.50		17.80
100	PI/2 BPSK	1	137		16.46		17.80
100	PI/2 BPSK	1	271		16.43		17.80
100	PI/2 BPSK	135	0		16.43		17.80
100	PI/2 BPSK	135	69		16.47		17.80
100	PI/2 BPSK	135	138		16.45		17.80
100	PI/2 BPSK	270	0		16.44		17.80
100	QPSK	1	1		16.38		17.80
100	QPSK	1	137		16.41		17.80
100	QPSK	1	271		16.39		17.80
100	QPSK	135	0		16.49		17.80
100	QPSK	135	69		16.37		17.80
100	QPSK	135	138		16.37		17.80
100	QPSK	270	0		16.43		17.80
100	16QAM	1	1		16.48		17.80
100	64QAM	1	1		16.38		17.80
100	256QAM	1	1		16.45		17.80
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	16.33	16.33	16.36	17.80
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	16.26	16.24	16.22	17.80
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	16.28	16.25	16.32	17.80
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	16.24	16.22	16.30	17.80
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	16.24	16.24	16.28	17.80
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	16.25	16.23	16.32	17.80
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	16.31	16.29	16.24	17.80
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	16.20	16.25	16.21	17.80
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	16.28	16.26	16.25	17.80
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	16.31	16.24	16.28	17.80
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	16.19	16.22	16.22	17.80



【FR1 n78 (270)___FCC_Part 27O (3700~3800MHz)_Ant 5_EC1

6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		20.49		21.80
100	PI/2 BPSK	1	137		20.49		21.80
100	PI/2 BPSK	1	271		20.48		21.80
100	PI/2 BPSK	135	0		20.49		21.80
100	PI/2 BPSK	135	69		20.42		21.80
100	PI/2 BPSK	135	138		20.47		21.80
100	PI/2 BPSK	270	0		20.37		21.80
100	QPSK	1	1		20.42		21.80
100	QPSK	1	137		20.40		21.80
100	QPSK	1	271		20.41		21.80
100	QPSK	135	0		20.46		21.80
100	QPSK	135	69		20.38		21.80
100	QPSK	135	138		20.46		21.80
100	QPSK	270	0		20.38		21.80
100	16QAM	1	1		20.48		21.80
100	64QAM	1	1		20.02		21.30
100	256QAM	1	1		18.01		19.30
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	20.34	20.39	20.38	21.80
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	20.26	20.37	20.37	21.80
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	20.21	20.37	20.25	21.80
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	20.27	20.33	20.25	21.80
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	20.21	20.38	20.31	21.80
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	20.33	20.25	20.28	21.80
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	20.27	20.27	20.24	21.80
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	20.27	20.28	20.36	21.80
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	20.30	20.32	20.37	21.80
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	20.31	20.34	20.27	21.80
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	20.20	20.24	20.32	21.80

【FR1 n78 (270)___FCC_Part 27O (3700~3800MHz)_Ant 5_EC1

4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		22.53		24.00
100	PI/2 BPSK	1	137		22.46		24.00
100	PI/2 BPSK	1	271		22.51		24.00
100	PI/2 BPSK	135	0		22.23		23.50
100	PI/2 BPSK	135	69		22.57		24.00
100	PI/2 BPSK	135	138		22.25		23.50
100	PI/2 BPSK	270	0		22.16		23.50
100	QPSK	1	1		22.35		24.00



100	QPSK	1	137		22.48		24.00
100	QPSK	1	271		22.59		24.00
100	QPSK	135	0		21.45		23.00
100	QPSK	135	69		22.57		24.00
100	QPSK	135	138		21.51		23.00
100	QPSK	270	0		21.52		23.00
100	16QAM	1	1		21.23		23.00
100	64QAM	1	1		20.11		21.50
100	256QAM	1	1		18.04		19.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	22.41	22.44	22.34	24.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	22.34	22.42	22.25	24.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	22.33	22.31	22.31	24.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	22.38	22.42	22.21	24.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	22.29	22.39	22.28	24.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	22.30	22.40	22.21	24.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	22.27	22.34	22.21	24.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	22.30	22.32	22.27	24.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	22.32	22.30	22.31	24.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	22.38	22.29	22.20	24.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	22.33	22.41	22.28	24.00

【FR1 n78 (270)_FCC_Part 270 (3700~3800MHz)_Ant 8_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		21.81		23.00
100	PI/2 BPSK	1	137		21.78		23.00
100	PI/2 BPSK	1	271		21.73		23.00
100	PI/2 BPSK	135	0		21.22		22.50
100	PI/2 BPSK	135	69		21.78		23.00
100	PI/2 BPSK	135	138		21.18		22.50
100	PI/2 BPSK	270	0		21.16		22.50
100	QPSK	1	1		21.73		23.00
100	QPSK	1	137		21.70		23.00
100	QPSK	1	271		21.70		23.00
100	QPSK	135	0		20.73		22.00
100	QPSK	135	69		21.76		23.00
100	QPSK	135	138		20.64		22.00
100	QPSK	270	0		20.69		22.00
100	16QAM	1	1		20.77		22.00
100	64QAM	1	1		19.17		20.50
100	256QAM	1	1		17.31		18.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	21.71	21.73	21.70	23.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	21.63	21.65	21.66	23.00
Channel				649000	650000	651000	Tune-up limit



	Frequency (MHz)			3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	21.60	21.71	21.56	23.00
	Channel			648668	650000	651332	Tune-up limit (dBm)
	Frequency (MHz)			3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	21.62	21.71	21.67	23.00
	Channel			648334	650000	651666	Tune-up limit (dBm)
	Frequency (MHz)			3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	21.64	21.60	21.55	23.00
	Channel			648000	650000	652000	Tune-up limit (dBm)
	Frequency (MHz)			3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	21.67	21.61	21.61	23.00
	Channel			647668	650000	652332	Tune-up limit (dBm)
	Frequency (MHz)			3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	21.68	21.69	21.57	23.00
	Channel			647500	650000	652500	Tune-up limit (dBm)
	Frequency (MHz)			3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	21.65	21.69	21.55	23.00
	Channel			647334	650000	652666	Tune-up limit (dBm)
	Frequency (MHz)			3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	21.63	21.68	21.64	23.00
	Channel			647168	650000	652832	Tune-up limit (dBm)
	Frequency (MHz)			3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	21.61	21.63	21.64	23.00
	Channel			647000	650000	653000	Tune-up limit (dBm)
	Frequency (MHz)			3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	21.62	21.62	21.68	23.00

【FR1 n78 (270)_FCC_Part 270 (3700~3800MHz)_Ant 8_EC1
2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel				650000		
	Frequency (MHz)				3750		
100	PI/2 BPSK	1	1		21.81		23.00
100	PI/2 BPSK	1	137		21.78		23.00
100	PI/2 BPSK	1	271		21.73		23.00
100	PI/2 BPSK	135	0		21.22		22.50
100	PI/2 BPSK	135	69		21.78		23.00
100	PI/2 BPSK	135	138		21.18		22.50
100	PI/2 BPSK	270	0		21.16		22.50
100	QPSK	1	1		21.73		23.00
100	QPSK	1	137		21.70		23.00
100	QPSK	1	271		21.70		23.00
100	QPSK	135	0		20.73		22.00
100	QPSK	135	69		21.76		23.00
100	QPSK	135	138		20.64		22.00
100	QPSK	270	0		20.69		22.00
100	16QAM	1	1		20.77		22.00
100	64QAM	1	1		19.17		20.50
100	256QAM	1	1		17.31		18.50
	Channel			649668	650000	650332	Tune-up limit (dBm)
	Frequency (MHz)			3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	21.71	21.73	21.70	23.00
	Channel			649334	650000	650666	Tune-up limit (dBm)
	Frequency (MHz)			3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	21.63	21.65	21.66	23.00
	Channel			649000	650000	651000	Tune-up limit (dBm)
	Frequency (MHz)			3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	21.60	21.71	21.56	23.00
	Channel			648668	650000	651332	Tune-up limit (dBm)
	Frequency (MHz)			3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	21.62	21.71	21.67	23.00
	Channel			648334	650000	651666	Tune-up limit (dBm)
	Frequency (MHz)			3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	21.64	21.60	21.55	23.00
	Channel			648000	650000	652000	Tune-up limit (dBm)
	Frequency (MHz)			3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	21.67	21.61	21.61	23.00
	Channel			647668	650000	652332	Tune-up limit (dBm)
	Frequency (MHz)			3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	21.68	21.69	21.57	23.00
	Channel			647500	650000	652500	Tune-up limit (dBm)
	Frequency (MHz)			3712.5	3750	3787.5	(dBm)



FCC SAR Test Report

Report No. : FA5O1022-01

25	PI/2 BPSK	1	1	21.65	21.69	21.55	23.00
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	21.63	21.68	21.64	23.00
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	21.61	21.63	21.64	23.00
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	21.67	21.61	21.61	23.00

【FR1 n78 (270)___FCC_Part 270 (3700~3800MHz)_Ant 8_EC1

7】

BW [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		8.59		10.10
100	PI/2 BPSK	1	137		8.36		10.10
100	PI/2 BPSK	1	271		8.42		10.10
100	PI/2 BPSK	135	0		8.38		10.10
100	PI/2 BPSK	135	69		8.51		10.10
100	PI/2 BPSK	135	138		8.35		10.10
100	PI/2 BPSK	270	0		8.36		10.10
100	QPSK	1	1		8.43		10.10
100	QPSK	1	137		8.46		10.10
100	QPSK	1	271		8.49		10.10
100	QPSK	135	0		8.35		10.10
100	QPSK	135	69		8.42		10.10
100	QPSK	135	138		8.35		10.10
100	QPSK	270	0		8.42		10.10
100	16QAM	1	1		8.44		10.10
100	64QAM	1	1		8.44		10.10
100	256QAM	1	1		8.46		10.10
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	8.46	8.50	8.48	10.10
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	8.45	8.39	8.41	10.10
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	8.37	8.39	8.42	10.10
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	8.41	8.46	8.35	10.10
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	8.44	8.45	8.38	10.10
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	8.32	8.46	8.42	10.10
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	8.38	8.40	8.36	10.10
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	8.33	8.41	8.41	10.10
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	8.45	8.41	8.38	10.10
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	8.37	8.38	8.42	10.10
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	8.37	8.41	8.46	10.10

【FR1 n78 (270)___FCC_Part 270 (3700~3800MHz)_Ant 8_ECI

3]

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		10.52		12.10
100	PI/2 BPSK	1	137		10.46		12.10
100	PI/2 BPSK	1	271		10.34		12.10
100	PI/2 BPSK	135	0		10.43		12.10
100	PI/2 BPSK	135	69		10.45		12.10
100	PI/2 BPSK	135	138		10.34		12.10
100	PI/2 BPSK	270	0		10.55		12.10
100	QPSK	1	1		10.38		12.10
100	QPSK	1	137		10.36		12.10
100	QPSK	1	271		10.32		12.10
100	QPSK	135	0		10.37		12.10
100	QPSK	135	69		10.39		12.10
100	QPSK	135	138		10.31		12.10
100	QPSK	270	0		10.36		12.10
100	16QAM	1	1		10.31		12.10
100	64QAM	1	1		10.32		12.10
100	256QAM	1	1		10.44		12.10
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	10.46	10.45	10.44	12.10
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	10.44	10.39	10.30	12.10
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	10.32	10.37	10.43	12.10
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	10.41	10.34	10.34	12.10
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	10.35	10.41	10.43	12.10
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	10.42	10.33	10.29	12.10
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	10.34	10.36	10.37	12.10
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	10.32	10.41	10.33	12.10
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	10.34	10.33	10.35	12.10
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	10.33	10.38	10.35	12.10
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	10.32	10.40	10.37	12.10

【FR1 n78 (270)___FCC_Part 270 (3700~3800MHz)_Ant 8_ECI

6]

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		18.31		20.00
100	PI/2 BPSK	1	137		18.27		20.00
100	PI/2 BPSK	1	271		18.21		20.00
100	PI/2 BPSK	135	0		18.16		20.00
100	PI/2 BPSK	135	69		18.18		20.00
100	PI/2 BPSK	135	138		18.23		20.00



FCC SAR Test Report

Report No. : FA5O1022-01

100	PI/2 BPSK	270	0		18.21		20.00
100	QPSK	1	1		18.16		20.00
100	QPSK	1	137		18.27		20.00
100	QPSK	1	271		18.27		20.00
100	QPSK	135	0		18.18		20.00
100	QPSK	135	69		18.21		20.00
100	QPSK	135	138		18.26		20.00
100	QPSK	270	0		18.19		20.00
100	16QAM	1	1		18.26		20.00
100	64QAM	1	1		18.24		20.00
100	256QAM	1	1		17.31		19.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	18.20	18.23	18.18	20.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	18.06	18.10	18.15	20.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	18.10	18.13	18.08	20.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	18.18	18.18	18.15	20.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	18.18	18.10	18.05	20.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	18.11	18.17	18.16	20.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	18.14	18.16	18.12	20.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	18.13	18.09	18.05	20.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	18.10	18.11	18.05	20.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	18.10	18.09	18.10	20.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	18.17	18.14	18.16	20.00

【FR1 n78 (270)_FCC_Part 270 (3700~3800MHz)_Ant 8_EC1

4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		21.81		23.00
100	PI/2 BPSK	1	137		21.78		23.00
100	PI/2 BPSK	1	271		21.73		23.00
100	PI/2 BPSK	135	0		21.22		22.50
100	PI/2 BPSK	135	69		21.78		23.00
100	PI/2 BPSK	135	138		21.18		22.50
100	PI/2 BPSK	270	0		21.16		22.50
100	QPSK	1	1		21.73		23.00
100	QPSK	1	137		21.70		23.00
100	QPSK	1	271		21.70		23.00
100	QPSK	135	0		20.73		22.00
100	QPSK	135	69		21.76		23.00
100	QPSK	135	138		20.64		22.00
100	QPSK	270	0		20.69		22.00
100	16QAM	1	1		20.77		22.00
100	64QAM	1	1		19.17		20.50
100	256QAM	1	1		17.31		18.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	21.71	21.73	21.70	23.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)



80	PI/2 BPSK	1	1	21.63	21.65	21.66	23.00
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	21.60	21.71	21.56	23.00
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	21.62	21.71	21.67	23.00
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	21.64	21.60	21.55	23.00
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	21.67	21.61	21.61	23.00
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	21.68	21.69	21.57	23.00
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	21.65	21.69	21.55	23.00
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	21.63	21.68	21.64	23.00
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	21.61	21.63	21.64	23.00
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	21.62	21.62	21.68	23.00



<Bluetooth Conducted Power>

【Bluetooth】

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
BR / EDR 1Mbps	0	2402	13.56	15.00	76.94
	39	2441	13.69	15.00	
	78	2480	13.86	15.00	
BR / EDR 2Mbps	0	2402	11.55	13.00	30.56
	39	2441	11.75	13.00	
	78	2480	12.01	13.50	
BR / EDR 3Mbps	0	2402	11.60	13.00	30.24
	39	2441	11.80	13.00	
	78	2480	12.08	13.50	
LE 125kbps	0	2402	4.67	6.00	82.72
	19	2440	5.32	6.50	
	39	2480	4.55	6.00	
LE 500kbps	0	2402	4.64	6.50	56.90
	19	2440	5.30	6.50	
	39	2480	4.56	6.50	
LE 1Mbps	0	2402	4.71	6.00	61.11
	19	2440	5.41	6.50	
	39	2480	4.58	6.00	
LE 2Mbps	0	2402	5.18	6.50	31.01
	19	2440	5.32	6.50	
	39	2480	4.53	6.00	

<WLAN Conducted Power>

【2.4GHz WLAN_Full Power】

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	18.64	20.00	100.00
	6	2437	17.16	18.50	
	11	2462	17.00	18.50	
802.11g 6Mbps	1	2412	15.18	16.50	97.26
	6	2437	16.57	17.50	
	11	2462	14.97	16.00	
802.11n-HT20 MCS0	1	2412	14.58	15.50	97.09
	6	2437	16.67	18.00	
	11	2462	14.40	15.50	
802.11n-HT40 MCS0	3	2422	14.04	15.00	94.92
	6	2437	16.10	17.00	
	9	2452	12.94	14.00	



【2.4GHz WLAN_Head Standalone】

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	18.64	20.00	100.00
	6	2437	17.16	18.50	
	11	2462	17.00	18.50	
802.11g 6Mbps	1	2412	15.18	16.50	97.26
	6	2437	16.57	17.50	
	11	2462	14.97	16.00	
802.11n-HT20 MCS0	1	2412	14.58	15.50	97.09
	6	2437	16.67	18.00	
	11	2462	14.40	15.50	
802.11n-HT40 MCS0	3	2422	14.04	15.00	94.92
	6	2437	16.10	17.00	
	9	2452	12.94	14.00	

【2.4GHz WLAN_Head Simultaneous】

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	13.64	15.00	100.00
	6	2437	13.58	15.00	
	11	2462	13.55	15.00	
802.11g 6Mbps	1	2412	Not Required	15.00	Not Required
	6	2437		15.00	
	11	2462		15.00	
802.11n-HT20 MCS0	1	2412		15.00	
	6	2437		15.00	
	11	2462		15.00	
802.11n-HT40 MCS0	3	2422		15.00	
	6	2437		15.00	
	9	2452		14.00	

【2.4GHz WLAN_Body-worn Standalone】

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	17.21	18.50	100.00
	6	2437	17.16	18.50	
	11	2462	17.00	18.50	
802.11g 6Mbps	1	2412	Not Required	16.50	Not Required
	6	2437		17.50	
	11	2462		16.00	
802.11n-HT20 MCS0	1	2412		15.50	
	6	2437		18.00	
	11	2462		15.50	
802.11n-HT40 MCS0	3	2422		15.00	
	6	2437		17.00	
	9	2452		14.00	

**【2.4GHz WLAN_Body-worn Simultaneous】**

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	11.76	13.00	100.00
	6	2437	11.69	13.00	
	11	2462	11.58	13.00	
802.11g 6Mbps	1	2412	Not Required	13.00	Not Required
	6	2437		13.00	
	11	2462		13.00	
802.11n-HT20 MCS0	1	2412		13.00	
	6	2437		13.00	
	11	2462		13.00	
802.11n-HT40 MCS0	3	2422		13.00	
	6	2437		13.00	
	9	2452		13.00	

【2.4GHz WLAN_Hotspot】

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	13.75	15.00	100.00
	6	2437	13.62	15.00	
	11	2462	13.66	15.00	
802.11g 6Mbps	1	2412	Not Required	15.00	Not Required
	6	2437		15.00	
	11	2462		15.00	
802.11n-HT20 MCS0	1	2412		15.00	
	6	2437		15.00	
	11	2462		15.00	
802.11n-HT40 MCS0	3	2422		15.00	
	6	2437		15.00	
	9	2452		14.00	

【2.4GHz WLAN_Extremity Standalone】

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	18.64	20.00	100.00
	6	2437	17.16	18.50	
	11	2462	17.00	18.50	
802.11g 6Mbps	1	2412	15.18	16.50	97.26
	6	2437	16.57	17.50	
	11	2462	14.97	16.00	
802.11n-HT20 MCS0	1	2412	14.58	15.50	97.09
	6	2437	16.67	18.00	
	11	2462	14.40	15.50	
802.11n-HT40 MCS0	3	2422	14.04	15.00	94.92
	6	2437	16.10	17.00	
	9	2452	12.94	14.00	



【2.4GHz WLAN_Extremity Simultaneous】

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	15.66	17.00	100.00
	6	2437	15.60	17.00	
	11	2462	15.53	17.00	
802.11g 6Mbps	1	2412	Not Required	16.50	Not Required
	6	2437		17.00	
	11	2462		16.00	
802.11n-HT20 MCS0	1	2412		15.50	
	6	2437		17.00	
	11	2462		15.50	
802.11n-HT40 MCS0	3	2422		15.00	
	6	2437		17.00	
	9	2452		14.00	

【5.2GHz WLAN_Full Power】

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	36	5180	16.12	17.50	97.46
	40	5200	17.71	19.00	
	44	5220	17.69	19.00	
	48	5240	17.70	19.00	
802.11n-HT20 MCS0	36	5180	15.93	17.50	97.28
	40	5200	17.57	19.00	
	44	5220	17.54	19.00	
	48	5240	17.56	19.00	
802.11n-HT40 MCS0	38	5190	13.49	15.00	94.92
	46	5230	16.57	18.00	
802.11ac-VHT20 MCS0	36	5180	15.97	17.50	97.31
	40	5200	17.59	19.00	
	44	5220	17.56	19.00	
	48	5240	17.58	19.00	
802.11ac-VHT40 MCS0	38	5190	13.55	15.00	94.95
	46	5230	16.59	18.00	
802.11ac-VHT80 MCS0	42	5210	11.61	13.50	84.27

【5.2GHz WLAN_Head Standalone】

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	36	5180	Not Required	16.50	Not Required
	40	5200		16.50	
	44	5220		16.50	
	48	5240		16.50	
802.11n-HT20 MCS0	36	5180		16.50	
	40	5200		16.50	
	44	5220		16.50	
	48	5240		16.50	
802.11n-HT40 MCS0	38	5190		15.00	
	46	5230		16.50	
802.11ac-VHT20 MCS0	36	5180		16.50	
	40	5200		16.50	
	44	5220		16.50	
	48	5240		16.50	
802.11ac-VHT40 MCS0	38	5190		15.00	
	46	5230		16.50	
802.11ac-VHT80 MCS0	42	5210		13.50	

**【5.2GHz WLAN_Head Simultaneous】**

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	36	5180	Not Required	12.00	Not Required
	40	5200		12.00	
	44	5220		12.00	
	48	5240		12.00	
802.11n-HT20 MCS0	36	5180		12.00	
	40	5200		12.00	
	44	5220		12.00	
	48	5240		12.00	
802.11n-HT40 MCS0	38	5190		12.00	
	46	5230		12.00	
802.11ac-VHT20 MCS0	36	5180		12.00	
	40	5200		12.00	
	44	5220		12.00	
	48	5240		12.00	
802.11ac-VHT40 MCS0	38	5190		12.00	
	46	5230		12.00	
802.11ac-VHT80 MCS0	42	5210		12.00	

【5.2GHz WLAN_Body-worn Standalone】

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	36	5180	Not Required	16.50	Not Required
	40	5200		16.50	
	44	5220		16.50	
	48	5240		16.50	
802.11n-HT20 MCS0	36	5180		16.50	
	40	5200		16.50	
	44	5220		16.50	
	48	5240		16.50	
802.11n-HT40 MCS0	38	5190		15.00	
	46	5230		16.50	
802.11ac-VHT20 MCS0	36	5180		16.50	
	40	5200		16.50	
	44	5220		16.50	
	48	5240		16.50	
802.11ac-VHT40 MCS0	38	5190		15.00	
	46	5230		16.50	
802.11ac-VHT80 MCS0	42	5210		13.50	

【5.2GHz WLAN_Body-worn Simultaneous】

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	36	5180	Not Required	11.00	Not Required
	40	5200		11.00	
	44	5220		11.00	
	48	5240		11.00	
802.11n-HT20 MCS0	36	5180		11.00	
	40	5200		11.00	
	44	5220		11.00	
	48	5240		11.00	
802.11n-HT40 MCS0	38	5190		11.00	
	46	5230		11.00	
802.11ac-VHT20 MCS0	36	5180		11.00	
	40	5200		11.00	
	44	5220		11.00	
	48	5240		11.00	
802.11ac-VHT40 MCS0	38	5190		11.00	
	46	5230		11.00	
802.11ac-VHT80 MCS0	42	5210		11.00	



【5.2GHz WLAN_Hotspot】

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	36	5180	Not Required	15.00	Not Required
	40	5200		15.00	
	44	5220		15.00	
	48	5240		15.00	
802.11n-HT20 MCS0	36	5180		15.00	
	40	5200		15.00	
	44	5220		15.00	
	48	5240		15.00	
802.11n-HT40 MCS0	38	5190	13.49	15.00	94.92
	46	5230	13.66	15.00	
802.11ac-VHT20 MCS0	36	5180	Not Required	15.00	Not Required
	40	5200		15.00	
	44	5220		15.00	
	48	5240		15.00	
802.11ac-VHT40 MCS0	38	5190		15.00	
	46	5230		15.00	
802.11ac-VHT80 MCS0	42	5210		13.50	

【5.2GHz WLAN_Extremity Standalone】

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	36	5180	16.12	17.50	97.46
	40	5200	17.71	19.00	
	44	5220	17.69	19.00	
	48	5240	17.70	19.00	
802.11n-HT20 MCS0	36	5180	15.93	17.50	97.28
	40	5200	17.57	19.00	
	44	5220	17.54	19.00	
	48	5240	17.56	19.00	
802.11n-HT40 MCS0	38	5190	13.49	15.00	94.92
	46	5230	16.57	18.00	
802.11ac-VHT20 MCS0	36	5180	15.97	17.50	97.31
	40	5200	17.59	19.00	
	44	5220	17.56	19.00	
	48	5240	17.58	19.00	
802.11ac-VHT40 MCS0	38	5190	13.55	15.00	94.95
	46	5230	16.59	18.00	
802.11ac-VHT80 MCS0	42	5210	11.61	13.50	84.27

【5.2GHz WLAN_Extremity Simultaneous】

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	36	5180	Not Required	16.50	Not Required
	40	5200		16.50	
	44	5220		16.50	
	48	5240		16.50	
802.11n-HT20 MCS0	36	5180		16.50	
	40	5200		16.50	
	44	5220		16.50	
	48	5240		16.50	
802.11n-HT40 MCS0	38	5190		15.00	
	46	5230		16.50	
802.11ac-VHT20 MCS0	36	5180		16.50	
	40	5200		16.50	
	44	5220		16.50	
	48	5240		16.50	
802.11ac-VHT40 MCS0	38	5190		15.00	
	46	5230		16.50	
802.11ac-VHT80 MCS0	42	5210		13.50	

**【5.3GHz WLAN_Full Power】**

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	52	5260	17.65	19.00	97.46
	56	5280	17.66	19.00	
	60	5300	17.65	19.00	
	64	5320	16.15	17.50	
802.11n-HT20 MCS0	52	5260	17.48	19.00	97.28
	56	5280	17.56	19.00	
	60	5300	17.48	19.00	
	64	5320	15.53	17.00	
802.11n-HT40 MCS0	54	5270	16.59	18.00	94.92
	62	5310	13.16	14.50	
802.11ac-VHT20 MCS0	52	5260	17.54	19.00	97.31
	56	5280	17.58	19.00	
	60	5300	17.50	19.00	
	64	5320	15.56	17.00	
802.11ac-VHT40 MCS0	54	5270	16.60	18.00	94.95
	62	5310	13.19	14.50	
802.11ac-VHT80 MCS0	58	5290	11.66	13.00	84.27

【5.3GHz WLAN_Head Standalone】

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	52	5260	Not Required	16.50	Not Required
	56	5280		16.50	
	60	5300		16.50	
	64	5320		16.50	
802.11n-HT20 MCS0	52	5260		16.50	
	56	5280		16.50	
	60	5300		16.50	
	64	5320		16.50	
802.11n-HT40 MCS0	54	5270	15.64	16.50	94.92
	62	5310	13.16	14.50	
802.11ac-VHT20 MCS0	52	5260	Not Required	16.50	Not Required
	56	5280		16.50	
	60	5300		16.50	
	64	5320		16.50	
802.11ac-VHT40 MCS0	54	5270		16.50	
	62	5310		14.50	
802.11ac-VHT80 MCS0	58	5290		13.00	

【5.3GHz WLAN_Head Simultaneous】

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	52	5260	Not Required	12.00	Not Required
	56	5280		12.00	
	60	5300		12.00	
	64	5320		12.00	
802.11n-HT20 MCS0	52	5260		12.00	
	56	5280		12.00	
	60	5300		12.00	
	64	5320		12.00	
802.11n-HT40 MCS0	54	5270		12.00	
	62	5310		12.00	
802.11ac-VHT20 MCS0	52	5260		12.00	
	56	5280		12.00	
	60	5300		12.00	
	64	5320		12.00	
802.11ac-VHT40 MCS0	54	5270		12.00	
	62	5310		12.00	
802.11ac-VHT80 MCS0	58	5290	11.18	12.00	84.27



【5.3GHz WLAN_Body-worn Standalone】

			Ant 6		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	52	5260	Not Required	16.50	Not Required
	56	5280		16.50	
	60	5300		16.50	
	64	5320		16.50	
802.11n-HT20 MCS0	52	5260		16.50	
	56	5280		16.50	
	60	5300		16.50	
	64	5320		16.50	
802.11n-HT40 MCS0	54	5270	15.66	16.50	94.92
	62	5310	13.16	14.50	
802.11ac-VHT20 MCS0	52	5260	Not Required	16.50	Not Required
	56	5280		16.50	
	60	5300		16.50	
	64	5320		16.50	
802.11ac-VHT40 MCS0	54	5270		16.50	
	62	5310		14.50	
802.11ac-VHT80 MCS0	58	5290			

【5.3GHz WLAN_Body-worn Simultaneous】

			Ant 6		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	52	5260	Not Required	11.00	Not Required
	56	5280		11.00	
	60	5300		11.00	
	64	5320		11.00	
802.11n-HT20 MCS0	52	5260		11.00	
	56	5280		11.00	
	60	5300		11.00	
	64	5320		11.00	
802.11n-HT40 MCS0	54	5270		11.00	
	62	5310		11.00	
802.11ac-VHT20 MCS0	52	5260		11.00	
	56	5280		11.00	
	60	5300		11.00	
	64	5320		11.00	
802.11ac-VHT40 MCS0	54	5270		11.00	
	62	5310		11.00	
802.11ac-VHT80 MCS0	58	5290	9.26	11.00	84.27

【5.3GHz WLAN_Extremity Standalone】

			Ant 6		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	52	5260	17.65	19.00	97.46
	56	5280	17.66	19.00	
	60	5300	17.65	19.00	
	64	5320	16.15	17.50	
802.11n-HT20 MCS0	52	5260	17.48	19.00	97.28
	56	5280	17.56	19.00	
	60	5300	17.48	19.00	
	64	5320	15.53	17.00	
802.11n-HT40 MCS0	54	5270	16.59	18.00	94.92
	62	5310	13.16	14.50	
802.11ac-VHT20 MCS0	52	5260	17.54	19.00	97.31
	56	5280	17.58	19.00	
	60	5300	17.50	19.00	
	64	5320	15.56	17.00	
802.11ac-VHT40 MCS0	54	5270	16.60	18.00	94.95
	62	5310	13.19	14.50	
802.11ac-VHT80 MCS0	58	5290	11.66	13.00	84.27

**【5.3GHz WLAN_Extremity Simultaneous】**

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	52	5260	Not Required	16.50	Not Required
	56	5280		16.50	
	60	5300		16.50	
	64	5320		16.50	
802.11n-HT20 MCS0	52	5260		16.50	
	56	5280		16.50	
	60	5300		16.50	
	64	5320		16.50	
802.11n-HT40 MCS0	54	5270	15.12	16.50	94.92
	62	5310	13.16	14.50	
802.11ac-VHT20 MCS0	52	5260	Not Required	16.50	Not Required
	56	5280		16.50	
	60	5300		16.50	
	64	5320		16.50	
802.11ac-VHT40 MCS0	54	5270		16.50	
	62	5310		14.50	
802.11ac-VHT80 MCS0	58	5290		13.00	

【5.5GHz WLAN_Full Power】

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	100	5500	16.47	18.00	97.46
	116	5580	17.80	19.00	
	124	5620	17.69	19.00	
	132	5660	17.57	19.00	
	144	5720	17.46	19.00	
802.11n-HT20 MCS0	100	5500	15.84	17.50	97.28
	116	5580	17.60	19.00	
	124	5620	17.49	19.00	
	132	5660	17.47	19.00	
	144	5720	17.36	19.00	
802.11n-HT40 MCS0	102	5510	13.31	15.00	94.92
	110	5550	16.27	18.00	
	126	5630	16.40	18.00	
	134	5670	14.60	16.00	
	142	5710	16.35	18.00	
802.11ac-VHT20 MCS0	100	5500	15.87	17.50	97.31
	116	5580	17.68	19.00	
	124	5620	17.59	19.00	
	132	5660	17.49	19.00	
	144	5720	17.40	19.00	
802.11ac-VHT40 MCS0	102	5510	13.34	15.00	94.95
	110	5550	16.29	18.00	
	126	5630	16.58	18.00	
	134	5670	14.65	16.00	
	142	5710	16.40	18.00	
802.11ac-VHT80 MCS0	106	5530	12.36	14.00	84.27
	122	5610	15.83	17.00	
	138	5690	15.63	17.00	



【5.5GHz WLAN_Head Standalone】

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	100	5500	Not Required	17.00	Not Required
	116	5580		17.00	
	124	5620		17.00	
	132	5660		17.00	
	144	5720		17.00	
802.11n-HT20 MCS0	100	5500		17.00	
	116	5580		17.00	
	124	5620		17.00	
	132	5660		17.00	
	144	5720		17.00	
802.11n-HT40 MCS0	102	5510		15.00	
	110	5550		17.00	
	126	5630		17.00	
	134	5670		16.00	
	142	5710		17.00	
802.11ac-VHT20 MCS0	100	5500		17.00	
	116	5580		17.00	
	124	5620		17.00	
	132	5660		17.00	
	144	5720		17.00	
802.11ac-VHT40 MCS0	102	5510		15.00	
	110	5550		17.00	
	126	5630		17.00	
	134	5670		16.00	
	142	5710		17.00	
802.11ac-VHT80 MCS0	106	5530	12.36	14.00	84.27
	122	5610	15.83	17.00	
	138	5690	15.63	17.00	

【5.5GHz WLAN_Head Simultaneous】

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	100	5500	Not Required	13.00	Not Required
	116	5580		13.00	
	124	5620		13.00	
	132	5660		13.00	
	144	5720		13.00	
802.11n-HT20 MCS0	100	5500		13.00	
	116	5580		13.00	
	124	5620		13.00	
	132	5660		13.00	
	144	5720		13.00	
802.11n-HT40 MCS0	102	5510		13.00	
	110	5550		13.00	
	126	5630		13.00	
	134	5670		13.00	
	142	5710		13.00	
802.11ac-VHT20 MCS0	100	5500		13.00	
	116	5580		13.00	
	124	5620		13.00	
	132	5660		13.00	
	144	5720		13.00	
802.11ac-VHT40 MCS0	102	5510		13.00	
	110	5550		13.00	
	126	5630		13.00	
	134	5670		13.00	
	142	5710		13.00	
802.11ac-VHT80 MCS0	106	5530	11.58	13.00	84.27
	122	5610	11.83	13.00	
	138	5690	11.66	13.00	



【5.5GHz WLAN_Body-worn Standalone】

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	100	5500	16.47	18.00	97.46
	116	5580	17.80	19.00	
	124	5620	17.69	19.00	
	132	5660	17.57	19.00	
	144	5720	17.46	19.00	
802.11n-HT20 MCS0	100	5500	15.84	17.50	97.28
	116	5580	17.60	19.00	
	124	5620	17.49	19.00	
	132	5660	17.47	19.00	
	144	5720	17.36	19.00	
802.11n-HT40 MCS0	102	5510	13.31	15.00	94.92
	110	5550	16.27	18.00	
	126	5630	16.40	18.00	
	134	5670	14.60	16.00	
	142	5710	16.35	18.00	
802.11ac-VHT20 MCS0	100	5500	15.87	17.50	97.31
	116	5580	17.68	19.00	
	124	5620	17.59	19.00	
	132	5660	17.49	19.00	
	144	5720	17.40	19.00	
802.11ac-VHT40 MCS0	102	5510	13.34	15.00	94.95
	110	5550	16.29	18.00	
	126	5630	16.58	18.00	
	134	5670	14.65	16.00	
	142	5710	16.40	18.00	
802.11ac-VHT80 MCS0	106	5530	12.36	14.00	84.27
	122	5610	15.83	17.00	
	138	5690	15.63	17.00	

【5.5GHz WLAN_Body-worn Simultaneous】

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	100	5500	Not Required	13.50	Not Required
	116	5580		13.50	
	124	5620		13.50	
	132	5660		13.50	
	144	5720		13.50	
802.11n-HT20 MCS0	100	5500		13.50	
	116	5580		13.50	
	124	5620		13.50	
	132	5660		13.50	
	144	5720		13.50	
802.11n-HT40 MCS0	102	5510		13.50	
	110	5550		13.50	
	126	5630		13.50	
	134	5670		13.50	
	142	5710		13.50	
802.11ac-VHT20 MCS0	100	5500		13.50	
	116	5580		13.50	
	124	5620		13.50	
	132	5660		13.50	
	144	5720		13.50	
802.11ac-VHT40 MCS0	102	5510		13.50	
	110	5550		13.50	
	126	5630		13.50	
	134	5670		13.50	
	142	5710		13.50	
802.11ac-VHT80 MCS0	106	5530	12.36	14.00	84.27
	122	5610	12.88	14.00	
	138	5690	12.68	14.00	



【5.5GHz WLAN_Extremity Standalone】

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	100	5500	16.47	18.00	97.46
	116	5580	17.80	19.00	
	124	5620	17.69	19.00	
	132	5660	17.57	19.00	
	144	5720	17.46	19.00	
802.11n-HT20 MCS0	100	5500	15.84	17.50	97.28
	116	5580	17.60	19.00	
	124	5620	17.49	19.00	
	132	5660	17.47	19.00	
	144	5720	17.36	19.00	
802.11n-HT40 MCS0	102	5510	13.31	15.00	94.92
	110	5550	16.27	18.00	
	126	5630	16.40	18.00	
	134	5670	14.60	16.00	
	142	5710	16.35	18.00	
802.11ac-VHT20 MCS0	100	5500	15.87	17.50	97.31
	116	5580	17.68	19.00	
	124	5620	17.59	19.00	
	132	5660	17.49	19.00	
	144	5720	17.40	19.00	
802.11ac-VHT40 MCS0	102	5510	13.34	15.00	94.95
	110	5550	16.29	18.00	
	126	5630	16.58	18.00	
	134	5670	14.65	16.00	
	142	5710	16.40	18.00	
802.11ac-VHT80 MCS0	106	5530	12.36	14.00	84.27
	122	5610	15.83	17.00	
	138	5690	15.63	17.00	

【5.5GHz WLAN_Extremity Simultaneous】

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	100	5500	Not Required	16.00	Not Required
	116	5580		16.00	
	124	5620		16.00	
	132	5660		16.00	
	144	5720		16.00	
802.11n-HT20 MCS0	100	5500		16.00	
	116	5580		16.00	
	124	5620		16.00	
	132	5660		16.00	
	144	5720		16.00	
802.11n-HT40 MCS0	102	5510		15.00	
	110	5550		16.00	
	126	5630		16.00	
	134	5670		16.00	
	142	5710		16.00	
802.11ac-VHT20 MCS0	100	5500		16.00	
	116	5580		16.00	
	124	5620		16.00	
	132	5660		16.00	
	144	5720		16.00	
802.11ac-VHT40 MCS0	102	5510		15.00	
	110	5550		16.00	
	126	5630		16.00	
	134	5670		16.00	
	142	5710		16.00	
802.11ac-VHT80 MCS0	106	5530	12.36	14.00	84.27
	122	5610	14.92	16.00	
	138	5690	14.68	16.00	



【5.8GHz WLAN_Full Power】

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	149	5745	17.24	19.00	97.46
	157	5785	17.19	19.00	
	165	5825	17.18	19.00	
802.11n-HT20 MCS0	149	5745	17.06	19.00	97.28
	157	5785	17.09	19.00	
	165	5825	17.15	19.00	
802.11n-HT40 MCS0	151	5755	16.02	18.00	94.92
	159	5795	16.11	18.00	
802.11ac-VHT20 MCS0	149	5745	17.07	19.00	97.31
	157	5785	17.11	19.00	
	165	5825	17.16	19.00	
802.11ac-VHT40 MCS0	151	5755	16.04	18.00	94.95
	159	5795	16.12	18.00	
802.11ac-VHT80 MCS0	155	5775	15.16	17.00	84.27

【5.8GHz WLAN_Head Standalone】

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	149	5745	17.24	19.00	97.46
	157	5785	17.19	19.00	
	165	5825	17.18	19.00	
802.11n-HT20 MCS0	149	5745	17.06	19.00	97.28
	157	5785	17.09	19.00	
	165	5825	17.15	19.00	
802.11n-HT40 MCS0	151	5755	16.02	18.00	94.92
	159	5795	16.11	18.00	
802.11ac-VHT20 MCS0	149	5745	17.07	19.00	97.31
	157	5785	17.11	19.00	
	165	5825	17.16	19.00	
802.11ac-VHT40 MCS0	151	5755	16.04	18.00	94.95
	159	5795	16.12	18.00	
802.11ac-VHT80 MCS0	155	5775	15.16	17.00	84.27

【5.8GHz WLAN_Head Simultaneous】

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	149	5745	Not Required	14.50	Not Required
	157	5785		14.50	
	165	5825		14.50	
802.11n-HT20 MCS0	149	5745		14.50	
	157	5785		14.50	
	165	5825		14.50	
802.11n-HT40 MCS0	151	5755		14.50	
	159	5795		14.50	
	149	5745		14.50	
802.11ac-VHT20 MCS0	157	5785		14.50	
	165	5825		14.50	
	151	5755		14.50	
802.11ac-VHT40 MCS0	159	5795		14.50	
	155	5775		14.50	
802.11ac-VHT80 MCS0	155	5775	12.72	14.50	84.27

**【5.8GHz WLAN_Body-worn Standalone】**

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	149	5745	17.24	19.00	97.46
	157	5785	17.19	19.00	
	165	5825	17.18	19.00	
802.11n-HT20 MCS0	149	5745	17.06	19.00	97.28
	157	5785	17.09	19.00	
	165	5825	17.15	19.00	
802.11n-HT40 MCS0	151	5755	16.02	18.00	94.92
	159	5795	16.11	18.00	
802.11ac-VHT20 MCS0	149	5745	17.07	19.00	97.31
	157	5785	17.11	19.00	
	165	5825	17.16	19.00	
802.11ac-VHT40 MCS0	151	5755	16.04	18.00	94.95
	159	5795	16.12	18.00	
802.11ac-VHT80 MCS0	155	5775	15.16	17.00	84.27

【5.8GHz WLAN_Body-worn Simultaneous】

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	149	5745	Not Required	15.50	Not Required
	157	5785		15.50	
	165	5825		15.50	
802.11n-HT20 MCS0	149	5745		15.50	
	157	5785		15.50	
	165	5825		15.50	
802.11n-HT40 MCS0	151	5755		15.50	
	159	5795		15.50	
802.11ac-VHT20 MCS0	149	5745		15.50	
	157	5785		15.50	
	165	5825		15.50	
802.11ac-VHT40 MCS0	151	5755		15.50	
	159	5795		15.50	
802.11ac-VHT80 MCS0	155	5775	13.68	15.50	84.27

【5.8GHz WLAN_Hotspot】

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	149	5745	Not Required	17.00	Not Required
	157	5785		17.00	
	165	5825		17.00	
802.11n-HT20 MCS0	149	5745		17.00	
	157	5785		17.00	
	165	5825		17.00	
802.11n-HT40 MCS0	151	5755		17.00	
	159	5795		17.00	
802.11ac-VHT20 MCS0	149	5745		17.00	
	157	5785		17.00	
	165	5825		17.00	
802.11ac-VHT40 MCS0	151	5755		17.00	
	159	5795		17.00	
802.11ac-VHT80 MCS0	155	5775	15.16	17.00	84.27

**【5.8GHz WLAN_Extremity Standalone】**

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	149	5745	17.24	19.00	97.46
	157	5785	17.19	19.00	
	165	5825	17.18	19.00	
802.11n-HT20 MCS0	149	5745	17.06	19.00	97.28
	157	5785	17.09	19.00	
	165	5825	17.15	19.00	
802.11n-HT40 MCS0	151	5755	16.02	18.00	94.92
	159	5795	16.11	18.00	
802.11ac-VHT20 MCS0	149	5745	17.07	19.00	97.31
	157	5785	17.11	19.00	
	165	5825	17.16	19.00	
802.11ac-VHT40 MCS0	151	5755	16.04	18.00	94.95
	159	5795	16.12	18.00	
802.11ac-VHT80 MCS0	155	5775	15.16	17.00	84.27

【5.8GHz WLAN_Extremity Simultaneous】

Mode	Channel	Frequency (MHz)	Ant 6		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	149	5745	17.24	19.00	97.46
	157	5785	17.19	19.00	
	165	5825	17.18	19.00	
802.11n-HT20 MCS0	149	5745	17.06	19.00	97.28
	157	5785	17.09	19.00	
	165	5825	17.15	19.00	
802.11n-HT40 MCS0	151	5755	16.02	18.00	94.92
	159	5795	16.11	18.00	
802.11ac-VHT20 MCS0	149	5745	17.07	19.00	97.31
	157	5785	17.11	19.00	
	165	5825	17.16	19.00	
802.11ac-VHT40 MCS0	151	5755	16.04	18.00	94.95
	159	5795	16.12	18.00	
802.11ac-VHT80 MCS0	155	5775	15.16	17.00	84.27