



FCC SAR Test Report

Report No. : FA572502

10	QPSK	25	0	26.53	26.37	26.63	26.41	26.42	27.00
10	QPSK	25	12	26.36	26.44	26.58	26.30	26.47	27.00
10	QPSK	25	25	26.42	26.34	26.55	26.37	26.26	27.00
10	QPSK	50	0	26.33	26.37	26.44	26.15	26.41	27.00
10	16QAM	1	0	26.45	26.34	26.45	26.24	26.32	27.00
10	16QAM	1	25	26.39	26.18	26.45	26.31	26.31	27.00
10	16QAM	1	49	26.31	26.29	26.46	26.20	26.28	27.00
10	16QAM	25	0	25.92	25.91	26.02	25.84	25.93	26.50
10	16QAM	25	12	26.00	25.97	26.01	25.72	25.82	26.50
10	16QAM	25	25	25.95	25.80	26.03	25.72	25.77	26.50
10	16QAM	50	0	25.76	25.68	25.95	25.79	25.79	26.50
10	64QAM	1	0	26.35	26.34	26.47	26.34	26.26	27.00
10	64QAM	1	25	26.23	26.26	26.47	26.22	26.30	27.00
10	64QAM	1	49	26.33	26.28	26.46	26.17	26.23	27.00
10	64QAM	25	0	25.03	24.94	25.14	24.81	24.99	25.50
10	64QAM	25	12	24.97	25.00	25.16	24.85	25.01	25.50
10	64QAM	25	25	24.97	24.92	25.07	24.92	24.90	25.50
10	64QAM	50	0	24.96	24.90	25.09	24.92	24.78	25.50
10	256QAM	1	0	23.54	23.40	23.60	23.31	23.43	24.00
10	256QAM	1	25	23.41	23.34	23.54	23.21	23.32	24.00
10	256QAM	1	49	23.42	23.35	23.49	23.28	23.36	24.00
10	256QAM	25	0	23.27	23.18	23.49	23.26	23.24	24.00
10	256QAM	25	12	23.31	23.30	23.47	23.30	23.38	24.00
10	256QAM	25	25	23.34	23.32	23.55	23.36	23.42	24.00
10	256QAM	50	0	23.28	23.22	23.45	23.26	23.41	24.00
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	26.55	26.56	26.57	26.45	26.50	27.00
5	QPSK	1	12	26.43	26.37	26.50	26.35	26.39	27.00
5	QPSK	1	24	26.43	26.45	26.53	26.30	26.48	27.00
5	QPSK	12	0	26.49	26.47	26.52	26.36	26.33	27.00
5	QPSK	12	7	26.41	26.38	26.53	26.32	26.50	27.00
5	QPSK	12	13	26.50	26.29	26.43	26.28	26.25	27.00
5	QPSK	25	0	26.33	26.32	26.50	26.16	26.29	27.00
5	16QAM	1	0	26.34	26.35	26.51	26.17	26.31	27.00
5	16QAM	1	12	26.34	26.18	26.41	26.36	26.42	27.00
5	16QAM	1	24	26.31	26.34	26.48	26.24	26.38	27.00
5	16QAM	12	0	25.91	25.90	26.03	25.76	25.89	26.50
5	16QAM	12	7	25.95	25.90	26.03	25.83	25.90	26.50
5	16QAM	12	13	25.94	25.86	26.03	25.82	25.86	26.50
5	16QAM	25	0	25.88	25.73	26.05	25.78	25.76	26.50
5	64QAM	1	0	26.35	26.33	26.46	26.33	26.24	27.00
5	64QAM	1	12	26.29	26.38	26.45	26.21	26.31	27.00
5	64QAM	1	24	26.28	26.28	26.47	26.27	26.19	27.00
5	64QAM	12	0	25.05	24.95	25.11	24.81	25.03	25.50
5	64QAM	12	7	24.93	24.95	25.12	24.96	25.03	25.50
5	64QAM	12	13	24.90	24.94	25.15	24.89	24.87	25.50
5	64QAM	25	0	24.97	24.85	24.97	24.89	24.89	25.50
5	256QAM	1	0	23.51	23.44	23.58	23.36	23.36	24.00
5	256QAM	1	12	23.43	23.28	23.48	23.23	23.38	24.00
5	256QAM	1	24	23.51	23.37	23.47	23.26	23.39	24.00
5	256QAM	12	0	23.28	23.15	23.46	23.19	23.25	24.00
5	256QAM	12	7	23.37	23.32	23.41	23.24	23.42	24.00
5	256QAM	12	13	23.33	23.35	23.48	23.37	23.35	24.00
5	256QAM	25	0	23.33	23.17	23.42	23.36	23.31	24.00



【LTE Band 41_FCC
(2496~2690MHz)_HPUE_Ant 8_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	27.00
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	26.66	26.59	26.69	26.56	26.62	27.00
20	QPSK	1	49	26.55	26.48	26.61	26.41	26.46	27.00
20	QPSK	1	99	26.53	26.47	26.63	26.38	26.52	27.00
20	QPSK	50	0	26.58	26.50	26.66	26.45	26.47	27.00
20	QPSK	50	24	26.49	26.45	26.62	26.35	26.52	27.00
20	QPSK	50	50	26.51	26.39	26.58	26.40	26.39	27.00
20	QPSK	100	0	26.40	26.44	26.55	26.28	26.44	27.00
20	16QAM	1	0	26.47	26.40	26.54	26.28	26.35	27.00
20	16QAM	1	49	26.46	26.33	26.53	26.37	26.45	27.00
20	16QAM	1	99	26.42	26.39	26.57	26.35	26.42	27.00
20	16QAM	50	0	25.98	25.93	26.15	25.88	26.02	26.50
20	16QAM	50	24	26.04	26.00	26.11	25.84	25.93	26.50
20	16QAM	50	50	25.99	25.91	26.08	25.84	25.89	26.50
20	16QAM	100	0	25.90	25.82	26.06	25.88	25.86	26.50
20	64QAM	1	0	26.46	26.35	26.55	26.38	26.38	27.00
20	64QAM	1	49	26.34	26.40	26.51	26.32	26.38	27.00
20	64QAM	1	99	26.39	26.32	26.49	26.31	26.28	27.00
20	64QAM	50	0	25.07	25.06	25.21	24.95	25.07	25.50
20	64QAM	50	24	25.03	25.03	25.18	24.97	25.06	25.50
20	64QAM	50	50	25.01	25.01	25.16	24.95	24.97	25.50
20	64QAM	100	0	24.98	24.92	25.11	24.95	24.93	25.50
20	256QAM	1	0	23.55	23.51	23.63	23.42	23.51	24.00
20	256QAM	1	49	23.52	23.37	23.58	23.35	23.40	24.00
20	256QAM	1	99	23.55	23.46	23.59	23.38	23.46	24.00
20	256QAM	50	0	23.40	23.27	23.51	23.29	23.33	24.00
20	256QAM	50	24	23.41	23.43	23.55	23.37	23.44	24.00
20	256QAM	50	50	23.40	23.40	23.57	23.43	23.48	24.00
20	256QAM	100	0	23.43	23.29	23.52	23.39	23.45	24.00
Channel				39725	40173	40620	41068	41515	27.00
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	26.52	26.44	26.63	26.51	26.58	27.00
15	QPSK	1	37	26.46	26.46	26.51	26.38	26.33	27.00
15	QPSK	1	74	26.38	26.36	26.57	26.35	26.47	27.00
15	QPSK	36	0	26.52	26.41	26.59	26.37	26.36	27.00
15	QPSK	36	20	26.45	26.37	26.55	26.33	26.46	27.00
15	QPSK	36	39	26.44	26.26	26.54	26.27	26.29	27.00
15	QPSK	75	0	26.35	26.35	26.46	26.26	26.39	27.00
15	16QAM	1	0	26.45	26.38	26.51	26.18	26.30	27.00
15	16QAM	1	37	26.31	26.27	26.43	26.24	26.34	27.00
15	16QAM	1	74	26.31	26.33	26.48	26.27	26.28	27.00
15	16QAM	36	0	25.94	25.91	26.07	25.78	25.89	26.50
15	16QAM	36	20	25.96	25.92	26.04	25.83	25.79	26.50
15	16QAM	36	39	25.96	25.85	26.03	25.73	25.88	26.50
15	16QAM	75	0	25.85	25.76	26.04	25.80	25.72	26.50
15	64QAM	1	0	26.32	26.21	26.48	26.31	26.24	27.00
15	64QAM	1	37	26.22	26.25	26.47	26.18	26.31	27.00
15	64QAM	1	74	26.38	26.25	26.43	26.25	26.25	27.00
15	64QAM	36	0	24.96	24.99	25.13	24.80	25.00	25.50
15	64QAM	36	20	24.95	24.88	25.04	24.89	25.03	25.50
15	64QAM	36	39	24.99	24.99	25.04	24.83	24.87	25.50
15	64QAM	75	0	24.90	24.85	25.07	24.93	24.80	25.50
15	256QAM	1	0	23.50	23.43	23.53	23.28	23.47	24.00
15	256QAM	1	37	23.48	23.36	23.50	23.34	23.30	24.00
15	256QAM	1	74	23.51	23.39	23.48	23.29	23.32	24.00
15	256QAM	36	0	23.36	23.23	23.48	23.21	23.25	24.00
15	256QAM	36	20	23.31	23.36	23.52	23.29	23.34	24.00
15	256QAM	36	39	23.33	23.30	23.50	23.36	23.42	24.00
15	256QAM	75	0	23.37	23.25	23.40	23.36	23.31	24.00
Channel				39700	40160	40620	41080	41540	27.00
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	26.55	26.45	26.54	26.53	26.52	27.00
10	QPSK	1	25	26.42	26.43	26.56	26.27	26.32	27.00
10	QPSK	1	49	26.44	26.34	26.59	26.26	26.51	27.00
10	QPSK	25	0	26.53	26.37	26.63	26.41	26.42	27.00



FCC SAR Test Report

Report No. : FA572502

10	QPSK	25	12	26.36	26.44	26.58	26.30	26.47	27.00
10	QPSK	25	25	26.42	26.34	26.55	26.37	26.26	27.00
10	QPSK	50	0	26.33	26.37	26.44	26.15	26.41	27.00
10	16QAM	1	0	26.45	26.34	26.45	26.24	26.32	27.00
10	16QAM	1	25	26.39	26.18	26.45	26.31	26.31	27.00
10	16QAM	1	49	26.31	26.29	26.46	26.20	26.28	27.00
10	16QAM	25	0	25.92	25.91	26.02	25.84	25.93	26.50
10	16QAM	25	12	26.00	25.97	26.01	25.72	25.82	26.50
10	16QAM	25	25	25.95	25.80	26.03	25.72	25.77	26.50
10	16QAM	50	0	25.76	25.68	25.95	25.79	25.79	26.50
10	64QAM	1	0	26.35	26.34	26.47	26.34	26.26	27.00
10	64QAM	1	25	26.23	26.26	26.47	26.22	26.30	27.00
10	64QAM	1	49	26.33	26.28	26.46	26.17	26.23	27.00
10	64QAM	25	0	25.03	24.94	25.14	24.81	24.99	25.50
10	64QAM	25	12	24.97	25.00	25.16	24.85	25.01	25.50
10	64QAM	25	25	24.97	24.92	25.07	24.92	24.90	25.50
10	64QAM	50	0	24.96	24.90	25.09	24.92	24.78	25.50
10	256QAM	1	0	23.54	23.40	23.60	23.31	23.43	24.00
10	256QAM	1	25	23.41	23.34	23.54	23.21	23.32	24.00
10	256QAM	1	49	23.42	23.35	23.49	23.28	23.36	24.00
10	256QAM	25	0	23.27	23.18	23.49	23.26	23.24	24.00
10	256QAM	25	12	23.31	23.30	23.47	23.30	23.38	24.00
10	256QAM	25	25	23.34	23.32	23.55	23.36	23.42	24.00
10	256QAM	50	0	23.28	23.22	23.45	23.26	23.41	24.00
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	26.55	26.56	26.57	26.45	26.50	27.00
5	QPSK	1	12	26.43	26.37	26.50	26.35	26.39	27.00
5	QPSK	1	24	26.43	26.45	26.53	26.30	26.48	27.00
5	QPSK	12	0	26.49	26.47	26.52	26.36	26.33	27.00
5	QPSK	12	7	26.41	26.38	26.53	26.32	26.50	27.00
5	QPSK	12	13	26.50	26.29	26.43	26.28	26.25	27.00
5	QPSK	25	0	26.33	26.32	26.50	26.16	26.29	27.00
5	16QAM	1	0	26.34	26.35	26.51	26.17	26.31	27.00
5	16QAM	1	12	26.34	26.18	26.41	26.36	26.42	27.00
5	16QAM	1	24	26.31	26.34	26.48	26.24	26.38	27.00
5	16QAM	12	0	25.91	25.90	26.03	25.76	25.89	26.50
5	16QAM	12	7	25.95	25.90	26.03	25.83	25.90	26.50
5	16QAM	12	13	25.94	25.86	26.03	25.82	25.86	26.50
5	16QAM	25	0	25.88	25.73	26.05	25.78	25.76	26.50
5	64QAM	1	0	26.35	26.33	26.46	26.33	26.24	27.00
5	64QAM	1	12	26.29	26.38	26.45	26.21	26.31	27.00
5	64QAM	1	24	26.28	26.28	26.47	26.27	26.19	27.00
5	64QAM	12	0	25.05	24.95	25.11	24.81	25.03	25.50
5	64QAM	12	7	24.93	24.95	25.12	24.96	25.03	25.50
5	64QAM	12	13	24.90	24.94	25.15	24.89	24.87	25.50
5	64QAM	25	0	24.97	24.85	24.97	24.89	24.89	25.50
5	256QAM	1	0	23.51	23.44	23.58	23.36	23.36	24.00
5	256QAM	1	12	23.43	23.28	23.48	23.23	23.38	24.00
5	256QAM	1	24	23.51	23.37	23.47	23.26	23.39	24.00
5	256QAM	12	0	23.28	23.15	23.46	23.19	23.25	24.00
5	256QAM	12	7	23.37	23.32	23.41	23.24	23.42	24.00
5	256QAM	12	13	23.33	23.35	23.48	23.37	23.35	24.00
5	256QAM	25	0	23.33	23.17	23.42	23.36	23.31	24.00



【LTE Band 41_FCC

(2496~2690MHz)_HPUE_Ant 8_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	Tune-up limit (dBm)
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	26.13	26.04	26.26	25.98	26.25	27.00
20	QPSK	1	49	26.00	26.05	26.20	26.03	25.89	27.00
20	QPSK	1	99	26.12	25.91	26.15	25.97	25.91	27.00
20	QPSK	50	0	26.08	25.88	26.14	25.96	25.98	27.00
20	QPSK	50	24	26.04	25.97	26.04	25.89	25.96	27.00
20	QPSK	50	50	25.94	25.79	26.15	25.89	26.01	27.00
20	QPSK	100	0	25.79	25.96	25.97	25.83	26.01	27.00
20	16QAM	1	0	26.01	25.91	25.98	25.78	25.87	27.00
20	16QAM	1	49	26.02	25.72	25.93	25.90	25.88	27.00
20	16QAM	1	99	25.86	25.87	26.13	25.84	26.03	27.00
20	16QAM	50	0	25.58	25.54	25.57	25.26	25.41	26.50
20	16QAM	50	24	25.51	25.54	25.63	25.36	25.40	26.50
20	16QAM	50	50	25.53	25.50	25.64	25.31	25.38	26.50
20	16QAM	100	0	25.34	25.25	25.62	25.42	25.41	26.50
20	64QAM	1	0	26.01	25.93	25.97	25.99	25.98	27.00
20	64QAM	1	49	25.81	25.99	25.97	25.89	25.90	27.00
20	64QAM	1	99	25.88	25.93	26.05	25.83	25.88	27.00
20	64QAM	50	0	24.60	24.62	24.73	24.55	24.54	25.50
20	64QAM	50	24	24.44	24.49	24.62	24.57	24.63	25.50
20	64QAM	50	50	24.48	24.63	24.66	24.47	24.44	25.50
20	64QAM	100	0	24.57	24.34	24.54	24.47	24.47	25.50
20	256QAM	1	0	22.96	22.99	23.03	22.85	23.02	24.00
20	256QAM	1	49	22.96	22.90	23.17	22.89	23.01	24.00
20	256QAM	1	99	23.09	22.91	23.05	22.98	23.00	24.00
20	256QAM	50	0	22.87	22.81	23.10	22.82	22.93	24.00
20	256QAM	50	24	22.83	22.85	22.95	22.94	23.04	24.00
20	256QAM	50	50	22.80	22.93	23.12	22.86	22.94	24.00
20	256QAM	100	0	22.92	22.78	23.13	22.83	22.86	24.00
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	25.99	26.02	26.19	25.97	26.17	27.00
15	QPSK	1	37	25.88	26.00	26.18	26.02	25.86	27.00
15	QPSK	1	74	26.06	25.83	26.10	25.87	25.87	27.00
15	QPSK	36	0	26.03	25.87	26.03	25.89	25.91	27.00
15	QPSK	36	20	25.94	25.93	25.99	25.74	25.85	27.00
15	QPSK	36	39	25.84	25.69	26.05	25.85	25.90	27.00
15	QPSK	75	0	25.71	25.93	25.94	25.79	25.88	27.00
15	16QAM	1	0	25.96	25.85	25.91	25.70	25.81	27.00
15	16QAM	1	37	25.91	25.71	25.87	25.85	25.82	27.00
15	16QAM	1	74	25.84	25.76	26.00	25.79	25.97	27.00
15	16QAM	36	0	25.44	25.50	25.48	25.16	25.39	26.50
15	16QAM	36	20	25.37	25.46	25.58	25.32	25.25	26.50
15	16QAM	36	39	25.43	25.41	25.52	25.22	25.34	26.50
15	16QAM	75	0	25.26	25.16	25.48	25.28	25.40	26.50
15	64QAM	1	0	25.88	25.90	25.92	25.86	25.84	27.00
15	64QAM	1	37	25.74	25.92	25.89	25.82	25.85	27.00
15	64QAM	1	74	25.85	25.90	25.96	25.75	25.87	27.00
15	64QAM	36	0	24.53	24.56	24.68	24.49	24.50	25.50
15	64QAM	36	20	24.34	24.40	24.58	24.47	24.57	25.50
15	64QAM	36	39	24.34	24.59	24.56	24.42	24.36	25.50
15	64QAM	75	0	24.51	24.32	24.42	24.35	24.36	25.50
15	256QAM	1	0	22.85	22.93	22.92	22.75	22.94	24.00
15	256QAM	1	37	22.87	22.86	23.10	22.79	22.91	24.00
15	256QAM	1	74	22.97	22.82	22.94	22.95	22.89	24.00
15	256QAM	36	0	22.85	22.75	23.02	22.70	22.86	24.00
15	256QAM	36	20	22.81	22.77	22.88	22.82	22.98	24.00
15	256QAM	36	39	22.67	22.79	23.10	22.78	22.83	24.00
15	256QAM	75	0	22.89	22.76	23.08	22.79	22.71	24.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	26.04	25.91	26.18	25.95	26.15	27.00
10	QPSK	1	25	25.98	26.01	26.06	25.89	25.85	27.00
10	QPSK	1	49	26.09	25.80	26.02	25.85	25.87	27.00
10	QPSK	25	0	25.94	25.85	26.04	25.87	25.97	27.00



FCC SAR Test Report

Report No. : FA572502

10	QPSK	25	12	25.99	25.94	25.95	25.85	25.91	27.00
10	QPSK	25	25	25.79	25.72	26.06	25.79	25.90	27.00
10	QPSK	50	0	25.75	25.93	25.94	25.77	25.91	27.00
10	16QAM	1	0	25.87	25.85	25.96	25.69	25.85	27.00
10	16QAM	1	25	25.88	25.61	25.92	25.81	25.83	27.00
10	16QAM	1	49	25.73	25.80	26.00	25.78	26.00	27.00
10	16QAM	25	0	25.43	25.50	25.50	25.14	25.39	26.50
10	16QAM	25	12	25.44	25.48	25.59	25.34	25.29	26.50
10	16QAM	25	25	25.48	25.36	25.56	25.27	25.29	26.50
10	16QAM	50	0	25.29	25.18	25.61	25.32	25.35	26.50
10	64QAM	1	0	25.94	25.82	25.93	25.84	25.91	27.00
10	64QAM	1	25	25.76	25.86	25.89	25.79	25.83	27.00
10	64QAM	1	49	25.84	25.90	25.94	25.81	25.74	27.00
10	64QAM	25	0	24.49	24.58	24.63	24.43	24.44	25.50
10	64QAM	25	12	24.42	24.42	24.50	24.49	24.56	25.50
10	64QAM	25	25	24.35	24.52	24.59	24.46	24.35	25.50
10	64QAM	50	0	24.54	24.20	24.45	24.40	24.41	25.50
10	256QAM	1	0	22.90	22.86	23.01	22.73	22.95	24.00
10	256QAM	1	25	22.87	22.76	23.15	22.78	23.00	24.00
10	256QAM	1	49	23.01	22.89	22.91	22.97	22.92	24.00
10	256QAM	25	0	22.77	22.68	23.00	22.76	22.80	24.00
10	256QAM	25	12	22.73	22.71	22.84	22.85	22.93	24.00
10	256QAM	25	25	22.78	22.79	23.09	22.75	22.84	24.00
10	256QAM	50	0	22.83	22.75	23.12	22.73	22.83	24.00
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	26.06	25.93	26.22	25.87	26.18	27.00
5	QPSK	1	12	25.91	25.97	26.18	25.96	25.77	27.00
5	QPSK	1	24	26.03	25.83	26.06	25.91	25.80	27.00
5	QPSK	12	0	26.02	25.75	26.06	25.92	25.90	27.00
5	QPSK	12	7	25.98	25.85	26.03	25.77	25.95	27.00
5	QPSK	12	13	25.80	25.74	26.01	25.83	25.92	27.00
5	QPSK	25	0	25.65	25.82	25.95	25.80	25.87	27.00
5	16QAM	1	0	25.86	25.78	25.92	25.63	25.85	27.00
5	16QAM	1	12	25.96	25.69	25.83	25.87	25.83	27.00
5	16QAM	1	24	25.71	25.73	26.08	25.70	25.97	27.00
5	16QAM	12	0	25.44	25.45	25.51	25.13	25.36	26.50
5	16QAM	12	7	25.40	25.51	25.51	25.34	25.28	26.50
5	16QAM	12	13	25.47	25.39	25.50	25.16	25.36	26.50
5	16QAM	25	0	25.31	25.21	25.59	25.36	25.34	26.50
5	64QAM	1	0	25.90	25.92	25.88	25.94	25.92	27.00
5	64QAM	1	12	25.72	25.87	25.82	25.88	25.83	27.00
5	64QAM	1	24	25.77	25.91	26.01	25.76	25.80	27.00
5	64QAM	12	0	24.46	24.52	24.65	24.42	24.40	25.50
5	64QAM	12	7	24.42	24.36	24.54	24.52	24.57	25.50
5	64QAM	12	13	24.39	24.58	24.57	24.33	24.32	25.50
5	64QAM	25	0	24.55	24.25	24.41	24.36	24.33	25.50
5	256QAM	1	0	22.88	22.85	22.91	22.77	22.95	24.00
5	256QAM	1	12	22.88	22.78	23.05	22.86	22.93	24.00
5	256QAM	1	24	23.08	22.87	22.98	22.85	22.92	24.00
5	256QAM	12	0	22.81	22.66	23.00	22.75	22.84	24.00
5	256QAM	12	7	22.74	22.74	22.89	22.92	22.97	24.00
5	256QAM	12	13	22.70	22.87	23.09	22.76	22.80	24.00
5	256QAM	25	0	22.85	22.71	23.04	22.69	22.76	24.00



【LTE Band 41_FCC
(2496~2690MHz)_HPUE_Ant 8_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	26.80
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	25.71	25.67	25.75	25.69	25.61	26.80
20	QPSK	1	49	25.61	25.57	25.63	25.55	25.55	26.80
20	QPSK	1	99	25.66	25.50	25.54	25.70	25.56	26.80
20	QPSK	50	0	25.50	25.63	25.54	25.72	25.59	26.80
20	QPSK	50	24	25.53	25.71	25.67	25.57	25.58	26.80
20	QPSK	50	50	25.62	25.68	25.68	25.57	25.68	26.80
20	QPSK	100	0	25.66	25.69	25.54	25.68	25.51	26.80
20	16QAM	1	0	25.59	25.66	25.66	25.64	25.69	26.80
20	16QAM	1	49	25.53	25.59	25.55	25.61	25.50	26.80
20	16QAM	1	99	25.50	25.58	25.64	25.66	25.68	26.80
20	16QAM	50	0	25.24	25.26	25.31	25.36	25.19	26.50
20	16QAM	50	24	25.38	25.35	25.38	25.34	25.39	26.50
20	16QAM	50	50	25.21	25.35	25.32	25.28	25.30	26.50
20	16QAM	100	0	25.20	25.38	25.34	25.42	25.21	26.50
20	64QAM	1	0	25.64	25.53	25.53	25.49	25.59	26.80
20	64QAM	1	49	25.50	25.71	25.53	25.66	25.49	26.80
20	64QAM	1	99	25.72	25.55	25.53	25.54	25.57	26.80
20	64QAM	50	0	23.89	23.98	24.04	23.94	24.10	25.50
20	64QAM	50	24	23.91	24.10	24.05	23.99	24.04	25.50
20	64QAM	50	50	23.89	23.93	24.08	23.96	24.07	25.50
20	64QAM	100	0	24.00	23.98	23.96	24.12	23.97	25.50
20	256QAM	1	0	22.52	22.53	22.38	22.50	22.42	24.00
20	256QAM	1	49	22.47	22.40	22.50	22.56	22.43	24.00
20	256QAM	1	99	22.45	22.50	22.49	22.52	22.58	24.00
20	256QAM	50	0	22.50	22.45	22.44	22.45	22.46	24.00
20	256QAM	50	24	22.44	22.48	22.61	22.53	22.53	24.00
20	256QAM	50	50	22.56	22.45	22.39	22.43	22.51	24.00
20	256QAM	100	0	22.48	22.57	22.41	22.40	22.60	24.00
Channel				39725	40173	40620	41068	41515	26.80
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	25.66	25.60	25.73	25.68	25.54	26.80
15	QPSK	1	37	25.50	25.48	25.56	25.46	25.42	26.80
15	QPSK	1	74	25.59	25.43	25.45	25.58	25.44	26.80
15	QPSK	36	0	25.46	25.54	25.46	25.69	25.56	26.80
15	QPSK	36	20	25.40	25.68	25.59	25.56	25.56	26.80
15	QPSK	36	39	25.56	25.64	25.65	25.54	25.59	26.80
15	QPSK	75	0	25.53	25.61	25.49	25.59	25.47	26.80
15	16QAM	1	0	25.46	25.61	25.59	25.50	25.59	26.80
15	16QAM	1	37	25.43	25.55	25.50	25.47	25.42	26.80
15	16QAM	1	74	25.46	25.55	25.52	25.64	25.55	26.80
15	16QAM	36	0	25.15	25.16	25.24	25.30	25.11	26.50
15	16QAM	36	20	25.31	25.26	25.30	25.29	25.26	26.50
15	16QAM	36	39	25.18	25.22	25.19	25.13	25.18	26.50
15	16QAM	75	0	25.09	25.24	25.27	25.31	25.06	26.50
15	64QAM	1	0	25.49	25.46	25.43	25.46	25.50	26.80
15	64QAM	1	37	25.47	25.64	25.52	25.56	25.45	26.80
15	64QAM	1	74	25.58	25.43	25.48	25.52	25.53	26.80
15	64QAM	36	0	23.77	23.96	24.00	23.88	23.96	25.50
15	64QAM	36	20	23.87	24.05	23.98	23.89	23.93	25.50
15	64QAM	36	39	23.85	23.91	23.99	23.82	23.97	25.50
15	64QAM	75	0	23.87	23.93	23.89	24.02	23.90	25.50
15	256QAM	1	0	22.41	22.45	22.35	22.41	22.37	24.00
15	256QAM	1	37	22.45	22.39	22.48	22.48	22.37	24.00
15	256QAM	1	74	22.39	22.37	22.38	22.44	22.49	24.00
15	256QAM	36	0	22.44	22.31	22.35	22.34	22.33	24.00
15	256QAM	36	20	22.38	22.46	22.50	22.41	22.51	24.00
15	256QAM	36	39	22.51	22.39	22.37	22.36	22.43	24.00
15	256QAM	75	0	22.45	22.47	22.40	22.35	22.47	24.00
Channel				39700	40160	40620	41080	41540	26.80
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	25.69	25.58	25.72	25.59	25.53	26.80
10	QPSK	1	25	25.50	25.55	25.51	25.49	25.54	26.80
10	QPSK	1	49	25.61	25.43	25.49	25.60	25.46	26.80
10	QPSK	25	0	25.42	25.59	25.46	25.68	25.51	26.80



FCC SAR Test Report

Report No. : FA572502

10	QPSK	25	12	25.45	25.62	25.55	25.51	25.55	26.80
10	QPSK	25	25	25.47	25.62	25.66	25.56	25.56	26.80
10	QPSK	50	0	25.56	25.66	25.42	25.62	25.48	26.80
10	16QAM	1	0	25.53	25.60	25.60	25.56	25.65	26.80
10	16QAM	1	25	25.41	25.51	25.54	25.48	25.42	26.80
10	16QAM	1	49	25.39	25.56	25.63	25.63	25.55	26.80
10	16QAM	25	0	25.19	25.13	25.25	25.35	25.14	26.50
10	16QAM	25	12	25.35	25.27	25.24	25.20	25.33	26.50
10	16QAM	25	25	25.11	25.32	25.20	25.19	25.25	26.50
10	16QAM	50	0	25.18	25.27	25.22	25.33	25.15	26.50
10	64QAM	1	0	25.59	25.48	25.51	25.35	25.55	26.80
10	64QAM	1	25	25.44	25.58	25.42	25.57	25.43	26.80
10	64QAM	1	49	25.58	25.47	25.40	25.41	25.45	26.80
10	64QAM	25	0	23.82	23.88	23.98	23.87	24.03	25.50
10	64QAM	25	12	23.88	24.04	23.97	23.91	24.00	25.50
10	64QAM	25	25	23.81	23.86	24.02	23.85	24.06	25.50
10	64QAM	50	0	23.90	23.84	23.85	24.05	23.84	25.50
10	256QAM	1	0	22.46	22.39	22.34	22.46	22.36	24.00
10	256QAM	1	25	22.33	22.37	22.42	22.50	22.32	24.00
10	256QAM	1	49	22.42	22.43	22.40	22.49	22.54	24.00
10	256QAM	25	0	22.46	22.31	22.30	22.42	22.42	24.00
10	256QAM	25	12	22.36	22.41	22.48	22.42	22.46	24.00
10	256QAM	25	25	22.51	22.33	22.37	22.29	22.50	24.00
10	256QAM	50	0	22.43	22.49	22.30	22.30	22.50	24.00
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	25.66	25.65	25.61	25.56	25.60	26.80
5	QPSK	1	12	25.48	25.51	25.52	25.53	25.52	26.80
5	QPSK	1	24	25.53	25.42	25.51	25.60	25.48	26.80
5	QPSK	12	0	25.46	25.56	25.49	25.59	25.45	26.80
5	QPSK	12	7	25.39	25.63	25.65	25.51	25.47	26.80
5	QPSK	12	13	25.51	25.59	25.61	25.46	25.61	26.80
5	QPSK	25	0	25.52	25.65	25.52	25.65	25.41	26.80
5	16QAM	1	0	25.47	25.55	25.63	25.59	25.58	26.80
5	16QAM	1	12	25.39	25.47	25.50	25.47	25.43	26.80
5	16QAM	1	24	25.45	25.53	25.54	25.53	25.56	26.80
5	16QAM	12	0	25.12	25.16	25.26	25.29	25.08	26.50
5	16QAM	12	7	25.36	25.20	25.30	25.29	25.27	26.50
5	16QAM	12	13	25.13	25.21	25.24	25.14	25.23	26.50
5	16QAM	25	0	25.15	25.31	25.32	25.29	25.06	26.50
5	64QAM	1	0	25.55	25.49	25.39	25.47	25.53	26.80
5	64QAM	1	12	25.39	25.67	25.51	25.65	25.42	26.80
5	64QAM	1	24	25.68	25.41	25.50	25.46	25.43	26.80
5	64QAM	12	0	23.77	23.86	23.97	23.91	23.96	25.50
5	64QAM	12	7	23.83	24.02	23.91	23.89	23.90	25.50
5	64QAM	12	13	23.78	23.80	23.98	23.87	24.00	25.50
5	64QAM	25	0	23.89	23.88	23.93	24.01	23.87	25.50
5	256QAM	1	0	22.38	22.41	22.34	22.38	22.41	24.00
5	256QAM	1	12	22.39	22.30	22.45	22.41	22.33	24.00
5	256QAM	1	24	22.31	22.47	22.40	22.51	22.56	24.00
5	256QAM	12	0	22.36	22.34	22.29	22.43	22.37	24.00
5	256QAM	12	7	22.38	22.44	22.49	22.50	22.39	24.00
5	256QAM	12	13	22.44	22.38	22.28	22.34	22.43	24.00
5	256QAM	25	0	22.47	22.43	22.35	22.39	22.51	24.00



【LTE Band 41_FCC

(2496~2690MHz)_HPUE_Ant 8_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	23.30
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	22.25	22.29	22.35	22.24	22.22	23.30
20	QPSK	1	49	22.16	22.15	22.14	22.10	22.24	23.30
20	QPSK	1	99	22.25	22.16	22.20	22.29	22.19	23.30
20	QPSK	50	0	22.15	22.11	22.31	22.12	22.14	23.30
20	QPSK	50	24	22.31	22.20	22.12	22.10	22.16	23.30
20	QPSK	50	50	22.32	22.26	22.17	22.12	22.15	23.30
20	QPSK	100	0	22.10	22.31	22.24	22.26	22.22	23.30
20	16QAM	1	0	22.14	22.26	22.21	22.28	22.25	23.30
20	16QAM	1	49	22.10	22.28	22.31	22.15	22.15	23.30
20	16QAM	1	99	22.11	22.13	22.29	22.25	22.28	23.30
20	16QAM	50	0	22.30	22.15	22.28	22.21	22.15	23.30
20	16QAM	50	24	22.19	22.30	22.23	22.23	22.10	23.30
20	16QAM	50	50	22.27	22.10	22.24	22.22	22.18	23.30
20	16QAM	100	0	22.26	22.13	22.29	22.31	22.19	23.30
20	64QAM	1	0	22.14	22.32	22.24	22.18	22.10	23.30
20	64QAM	1	49	22.11	22.15	22.31	22.18	22.16	23.30
20	64QAM	1	99	22.17	22.25	22.17	22.28	22.14	23.30
20	64QAM	50	0	22.28	22.29	22.23	22.13	22.20	23.30
20	64QAM	50	24	22.21	22.25	22.28	22.28	22.29	23.30
20	64QAM	50	50	22.15	22.30	22.20	22.15	22.28	23.30
20	64QAM	100	0	22.16	22.10	22.19	22.18	22.14	23.30
20	256QAM	1	0	22.15	22.31	22.09	22.31	22.13	23.30
20	256QAM	1	49	22.32	22.32	22.20	22.14	22.13	23.30
20	256QAM	1	99	22.18	22.19	22.19	22.12	22.22	23.30
20	256QAM	50	0	22.12	22.29	22.28	22.20	22.26	23.30
20	256QAM	50	24	22.12	22.10	22.11	22.17	22.12	23.30
20	256QAM	50	50	22.26	22.11	22.19	22.09	22.22	23.30
20	256QAM	100	0	22.29	22.09	22.24	22.09	22.11	23.30
Channel				39725	40173	40620	41068	41515	23.30
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	22.11	22.14	22.21	22.19	22.12	23.30
15	QPSK	1	37	22.13	22.10	22.04	21.98	22.22	23.30
15	QPSK	1	74	22.16	22.03	22.16	22.21	22.09	23.30
15	QPSK	36	0	22.08	22.08	22.27	22.04	22.10	23.30
15	QPSK	36	20	22.24	22.07	22.04	22.04	22.12	23.30
15	QPSK	36	39	22.23	22.13	22.13	22.06	22.05	23.30
15	QPSK	75	0	22.00	22.19	22.14	22.14	22.11	23.30
15	16QAM	1	0	22.08	22.23	22.07	22.17	22.18	23.30
15	16QAM	1	37	22.02	22.21	22.18	22.06	22.12	23.30
15	16QAM	1	74	21.97	22.00	22.20	22.12	22.24	23.30
15	16QAM	36	0	22.19	22.13	22.25	22.07	22.07	23.30
15	16QAM	36	20	22.17	22.27	22.16	22.10	22.03	23.30
15	16QAM	36	39	22.15	22.06	22.22	22.10	22.15	23.30
15	16QAM	75	0	22.13	22.02	22.20	22.20	22.17	23.30
15	64QAM	1	0	22.12	22.18	22.10	22.14	22.00	23.30
15	64QAM	1	37	22.02	22.02	22.27	22.12	22.02	23.30
15	64QAM	1	74	22.03	22.14	22.14	22.24	22.08	23.30
15	64QAM	36	0	22.25	22.21	22.12	22.01	22.18	23.30
15	64QAM	36	20	22.15	22.11	22.15	22.15	22.24	23.30
15	64QAM	36	39	22.11	22.25	22.18	22.11	22.23	23.30
15	64QAM	75	0	22.11	22.08	22.13	22.07	22.06	23.30
15	256QAM	1	0	22.14	22.27	21.96	22.24	22.03	23.30
15	256QAM	1	37	22.31	22.20	22.07	22.03	22.01	23.30
15	256QAM	1	74	22.07	22.10	22.15	22.04	22.08	23.30
15	256QAM	36	0	22.11	22.16	22.15	22.17	22.17	23.30
15	256QAM	36	20	22.06	21.97	22.07	22.14	22.11	23.30
15	256QAM	36	39	22.18	21.98	22.11	22.03	22.14	23.30
15	256QAM	75	0	22.25	22.00	22.21	22.08	22.01	23.30
Channel				39700	40160	40620	41080	41540	23.30
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	22.19	22.15	22.27	22.21	22.17	23.30
10	QPSK	1	25	22.06	22.08	22.07	22.04	22.18	23.30
10	QPSK	1	49	22.21	22.13	22.07	22.23	22.08	23.30
10	QPSK	25	0	22.10	22.00	22.19	22.11	22.06	23.30



10	QPSK	25	12	22.21	22.15	22.10	22.09	22.11	23.30
10	QPSK	25	25	22.25	22.20	22.04	21.99	22.05	23.30
10	QPSK	50	0	22.08	22.23	22.10	22.16	22.10	23.30
10	16QAM	1	0	22.11	22.16	22.14	22.22	22.16	23.30
10	16QAM	1	25	22.02	22.19	22.22	22.09	22.02	23.30
10	16QAM	1	49	22.08	22.06	22.21	22.15	22.18	23.30
10	16QAM	25	0	22.19	22.03	22.17	22.07	22.02	23.30
10	16QAM	25	12	22.09	22.28	22.13	22.16	22.00	23.30
10	16QAM	25	25	22.21	22.05	22.21	22.07	22.11	23.30
10	16QAM	50	0	22.24	22.12	22.16	22.18	22.12	23.30
10	64QAM	1	0	22.05	22.26	22.11	22.05	22.03	23.30
10	64QAM	1	25	21.99	22.02	22.19	22.05	22.03	23.30
10	64QAM	1	49	22.03	22.17	22.12	22.20	22.11	23.30
10	64QAM	25	0	22.20	22.21	22.18	22.11	22.13	23.30
10	64QAM	25	12	22.09	22.11	22.20	22.24	22.26	23.30
10	64QAM	25	25	22.06	22.15	22.16	22.06	22.25	23.30
10	64QAM	50	0	22.08	22.07	22.08	22.05	22.02	23.30
10	256QAM	1	0	22.14	22.19	22.04	22.17	21.99	23.30
10	256QAM	1	25	22.25	22.18	22.08	22.03	22.08	23.30
10	256QAM	1	49	22.17	22.14	22.05	21.99	22.14	23.30
10	256QAM	25	0	21.98	22.27	22.21	22.15	22.19	23.30
10	256QAM	25	12	22.05	21.96	22.05	22.15	22.08	23.30
10	256QAM	25	25	22.20	22.00	22.18	21.99	22.10	23.30
10	256QAM	50	0	22.22	22.02	22.14	22.06	21.99	23.30
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	22.15	22.25	22.22	22.13	22.19	23.30
5	QPSK	1	12	22.02	22.02	22.10	22.06	22.22	23.30
5	QPSK	1	24	22.13	22.11	22.08	22.15	22.07	23.30
5	QPSK	12	0	22.02	22.02	22.29	22.06	22.01	23.30
5	QPSK	12	7	22.29	22.14	22.03	21.97	22.05	23.30
5	QPSK	12	13	22.22	22.13	22.04	22.00	22.02	23.30
5	QPSK	25	0	22.05	22.28	22.12	22.23	22.18	23.30
5	16QAM	1	0	22.11	22.21	22.16	22.27	22.21	23.30
5	16QAM	1	12	22.00	22.19	22.21	22.01	22.13	23.30
5	16QAM	1	24	22.10	22.01	22.23	22.11	22.13	23.30
5	16QAM	12	0	22.19	22.08	22.16	22.19	22.01	23.30
5	16QAM	12	7	22.16	22.21	22.16	22.09	21.97	23.30
5	16QAM	12	13	22.24	22.08	22.18	22.18	22.15	23.30
5	16QAM	25	0	22.24	22.09	22.26	22.28	22.13	23.30
5	64QAM	1	0	22.01	22.22	22.18	22.08	21.98	23.30
5	64QAM	1	12	22.07	22.02	22.30	22.09	22.06	23.30
5	64QAM	1	24	22.04	22.22	22.04	22.19	22.05	23.30
5	64QAM	12	0	22.23	22.26	22.15	22.07	22.10	23.30
5	64QAM	12	7	22.15	22.15	22.20	22.22	22.26	23.30
5	64QAM	12	13	22.07	22.17	22.14	22.14	22.18	23.30
5	64QAM	25	0	22.01	21.99	22.15	22.05	22.11	23.30
5	256QAM	1	0	22.02	22.28	22.05	22.19	22.01	23.30
5	256QAM	1	12	22.29	22.27	22.16	22.10	22.11	23.30
5	256QAM	1	24	22.15	22.13	22.08	22.10	22.16	23.30
5	256QAM	12	0	22.08	22.22	22.20	22.10	22.15	23.30
5	256QAM	12	7	21.97	21.97	22.07	22.05	22.00	23.30
5	256QAM	12	13	22.14	21.97	22.12	22.08	22.17	23.30
5	256QAM	25	0	22.22	21.98	22.19	22.03	22.05	23.30



【LTE Band 42 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant

4_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	Tune-up limit (dBm)
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	22.66	22.85	22.80	24.00
20	QPSK	1	49	22.56	22.67	22.50	24.00
20	QPSK	1	99	22.27	22.58	22.28	24.00
20	QPSK	50	0	22.59	22.79	22.66	24.00
20	QPSK	50	24	22.53	22.74	22.57	24.00
20	QPSK	50	50	22.49	22.78	22.63	24.00
20	QPSK	100	0	22.61	22.66	22.59	24.00
20	16QAM	1	0	22.76	22.79	22.76	24.00
20	16QAM	1	49	22.43	22.60	22.46	24.00
20	16QAM	1	99	22.47	22.50	22.36	24.00
20	16QAM	50	0	22.24	22.57	22.26	24.00
20	16QAM	50	24	22.18	22.41	22.33	24.00
20	16QAM	50	50	22.20	22.39	22.30	24.00
20	16QAM	100	0	22.20	22.46	22.28	24.00
20	64QAM	1	0	22.58	22.60	22.47	24.00
20	64QAM	1	49	22.30	22.41	22.41	24.00
20	64QAM	1	99	22.15	22.34	22.15	24.00
20	64QAM	50	0	21.29	21.41	21.30	23.00
20	64QAM	50	24	21.39	21.38	21.32	23.00
20	64QAM	50	50	21.13	21.37	21.24	23.00
20	64QAM	100	0	21.20	21.38	21.16	23.00
20	256QAM	1	0	19.52	19.56	19.40	21.00
20	256QAM	1	49	19.18	19.45	19.42	21.00
20	256QAM	1	99	19.18	19.32	19.27	21.00
20	256QAM	50	0	19.43	19.48	19.26	21.00
20	256QAM	50	24	19.23	19.31	19.24	21.00
20	256QAM	50	50	19.13	19.49	19.19	21.00
20	256QAM	100	0	19.35	19.45	19.43	21.00
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	22.52	22.76	22.72	24.00
15	QPSK	1	37	22.47	22.55	22.38	24.00
15	QPSK	1	74	22.20	22.44	22.15	24.00
15	QPSK	36	0	22.49	22.77	22.53	24.00
15	QPSK	36	20	22.45	22.61	22.49	24.00
15	QPSK	36	39	22.47	22.67	22.49	24.00
15	QPSK	75	0	22.57	22.63	22.47	24.00
15	16QAM	1	0	22.62	22.66	22.62	24.00
15	16QAM	1	37	22.40	22.53	22.35	24.00
15	16QAM	1	74	22.42	22.46	22.28	24.00
15	16QAM	36	0	22.14	22.53	22.18	24.00
15	16QAM	36	20	22.06	22.38	22.27	24.00
15	16QAM	36	39	22.09	22.24	22.23	24.00
15	16QAM	75	0	22.06	22.41	22.26	24.00
15	64QAM	1	0	22.44	22.52	22.38	24.00
15	64QAM	1	37	22.15	22.35	22.39	24.00
15	64QAM	1	74	22.05	22.31	22.05	24.00
15	64QAM	36	0	21.24	21.31	21.18	23.00
15	64QAM	36	20	21.35	21.35	21.29	23.00
15	64QAM	36	39	21.11	21.29	21.22	23.00
15	64QAM	75	0	21.10	21.26	21.10	23.00
15	256QAM	1	0	19.40	19.46	19.28	21.00
15	256QAM	1	37	19.03	19.38	19.27	21.00
15	256QAM	1	74	19.12	19.23	19.12	21.00
15	256QAM	36	0	19.37	19.41	19.18	21.00
15	256QAM	36	20	19.11	19.17	19.19	21.00
15	256QAM	36	39	19.03	19.34	19.06	21.00
15	256QAM	75	0	19.33	19.32	19.39	21.00
Channel				42140	42590	43040	Tune-up limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	22.54	22.75	22.68	24.00
10	QPSK	1	25	22.52	22.59	22.37	24.00
10	QPSK	1	49	22.17	22.52	22.15	24.00
10	QPSK	25	0	22.53	22.77	22.53	24.00
10	QPSK	25	12	22.51	22.70	22.45	24.00



10	QPSK	25	25	22.40	22.71	22.51	24.00
10	QPSK	50	0	22.52	22.51	22.54	24.00
10	16QAM	1	0	22.67	22.70	22.73	24.00
10	16QAM	1	25	22.36	22.59	22.45	24.00
10	16QAM	1	49	22.41	22.44	22.31	24.00
10	16QAM	25	0	22.09	22.51	22.20	24.00
10	16QAM	25	12	22.11	22.40	22.23	24.00
10	16QAM	25	25	22.19	22.30	22.22	24.00
10	16QAM	50	0	22.19	22.38	22.23	24.00
10	64QAM	1	0	22.55	22.45	22.41	24.00
10	64QAM	1	25	22.28	22.27	22.31	24.00
10	64QAM	1	49	22.03	22.30	22.10	24.00
10	64QAM	25	0	21.19	21.30	21.24	23.00
10	64QAM	25	12	21.36	21.30	21.21	23.00
10	64QAM	25	25	21.03	21.23	21.10	23.00
10	64QAM	50	0	21.08	21.30	21.08	23.00
10	256QAM	1	0	19.41	19.53	19.27	21.00
10	256QAM	1	25	19.07	19.35	19.40	21.00
10	256QAM	1	49	19.09	19.23	19.17	21.00
10	256QAM	25	0	19.40	19.40	19.12	21.00
10	256QAM	25	12	19.09	19.22	19.14	21.00
10	256QAM	25	25	19.01	19.38	19.15	21.00
10	256QAM	50	0	19.27	19.42	19.41	21.00
Channel				42115	42590	43065	Tune-up limit
Frequency (MHz)				3452.5	3500	3547.5	(dBm)
5	QPSK	1	0	22.55	22.81	22.77	24.00
5	QPSK	1	12	22.53	22.61	22.38	24.00
5	QPSK	1	24	22.23	22.44	22.17	24.00
5	QPSK	12	0	22.54	22.73	22.65	24.00
5	QPSK	12	7	22.48	22.73	22.54	24.00
5	QPSK	12	13	22.46	22.64	22.55	24.00
5	QPSK	25	0	22.56	22.57	22.47	24.00
5	16QAM	1	0	22.64	22.69	22.75	24.00
5	16QAM	1	12	22.36	22.54	22.37	24.00
5	16QAM	1	24	22.38	22.35	22.30	24.00
5	16QAM	12	0	22.19	22.52	22.12	24.00
5	16QAM	12	7	22.05	22.38	22.31	24.00
5	16QAM	12	13	22.06	22.36	22.23	24.00
5	16QAM	25	0	22.08	22.38	22.19	24.00
5	64QAM	1	0	22.55	22.50	22.33	24.00
5	64QAM	1	12	22.27	22.30	22.34	24.00
5	64QAM	1	24	22.02	22.22	22.13	24.00
5	64QAM	12	0	21.18	21.26	21.27	23.00
5	64QAM	12	7	21.31	21.30	21.31	23.00
5	64QAM	12	13	21.11	21.23	21.14	23.00
5	64QAM	25	0	21.12	21.27	21.07	23.00
5	256QAM	1	0	19.48	19.45	19.26	21.00
5	256QAM	1	12	19.10	19.31	19.40	21.00
5	256QAM	1	24	19.05	19.24	19.22	21.00
5	256QAM	12	0	19.30	19.40	19.17	21.00
5	256QAM	12	7	19.19	19.25	19.21	21.00
5	256QAM	12	13	19.02	19.44	19.18	21.00
5	256QAM	25	0	19.30	19.30	19.39	21.00



【LTE Band 42 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant

4_DSI 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				42190	42590	42990	Tune-up limit (dBm)
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	22.66	22.85	22.80	24.00
20	QPSK	1	49	22.56	22.67	22.50	24.00
20	QPSK	1	99	22.27	22.58	22.28	24.00
20	QPSK	50	0	22.59	22.79	22.66	24.00
20	QPSK	50	24	22.53	22.74	22.57	24.00
20	QPSK	50	50	22.49	22.78	22.63	24.00
20	QPSK	100	0	22.61	22.66	22.59	24.00
20	16QAM	1	0	22.76	22.79	22.76	24.00
20	16QAM	1	49	22.43	22.60	22.46	24.00
20	16QAM	1	99	22.47	22.50	22.36	24.00
20	16QAM	50	0	22.24	22.57	22.26	24.00
20	16QAM	50	24	22.18	22.41	22.33	24.00
20	16QAM	50	50	22.20	22.39	22.30	24.00
20	16QAM	100	0	22.20	22.46	22.28	24.00
20	64QAM	1	0	22.58	22.60	22.47	24.00
20	64QAM	1	49	22.30	22.41	22.41	24.00
20	64QAM	1	99	22.15	22.34	22.15	24.00
20	64QAM	50	0	21.29	21.41	21.30	23.00
20	64QAM	50	24	21.39	21.38	21.32	23.00
20	64QAM	50	50	21.13	21.37	21.24	23.00
20	64QAM	100	0	21.20	21.38	21.16	23.00
20	256QAM	1	0	19.52	19.56	19.40	21.00
20	256QAM	1	49	19.18	19.45	19.42	21.00
20	256QAM	1	99	19.18	19.32	19.27	21.00
20	256QAM	50	0	19.43	19.48	19.26	21.00
20	256QAM	50	24	19.23	19.31	19.24	21.00
20	256QAM	50	50	19.13	19.49	19.19	21.00
20	256QAM	100	0	19.35	19.45	19.43	21.00
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	22.52	22.76	22.72	24.00
15	QPSK	1	37	22.47	22.55	22.38	24.00
15	QPSK	1	74	22.20	22.44	22.15	24.00
15	QPSK	36	0	22.49	22.77	22.53	24.00
15	QPSK	36	20	22.45	22.61	22.49	24.00
15	QPSK	36	39	22.47	22.67	22.49	24.00
15	QPSK	75	0	22.57	22.63	22.47	24.00
15	16QAM	1	0	22.62	22.66	22.62	24.00
15	16QAM	1	37	22.40	22.53	22.35	24.00
15	16QAM	1	74	22.42	22.46	22.28	24.00
15	16QAM	36	0	22.14	22.53	22.18	24.00
15	16QAM	36	20	22.06	22.38	22.27	24.00
15	16QAM	36	39	22.09	22.24	22.23	24.00
15	16QAM	75	0	22.06	22.41	22.26	24.00
15	64QAM	1	0	22.44	22.52	22.38	24.00
15	64QAM	1	37	22.15	22.35	22.39	24.00
15	64QAM	1	74	22.05	22.31	22.05	24.00
15	64QAM	36	0	21.24	21.31	21.18	23.00
15	64QAM	36	20	21.35	21.35	21.29	23.00
15	64QAM	36	39	21.11	21.29	21.22	23.00
15	64QAM	75	0	21.10	21.26	21.10	23.00
15	256QAM	1	0	19.40	19.46	19.28	21.00
15	256QAM	1	37	19.03	19.38	19.27	21.00
15	256QAM	1	74	19.12	19.23	19.12	21.00
15	256QAM	36	0	19.37	19.41	19.18	21.00
15	256QAM	36	20	19.11	19.17	19.19	21.00
15	256QAM	36	39	19.03	19.34	19.06	21.00
15	256QAM	75	0	19.33	19.32	19.39	21.00
Channel				42140	42590	43040	Tune-up limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	22.54	22.75	22.68	24.00
10	QPSK	1	25	22.52	22.59	22.37	24.00
10	QPSK	1	49	22.17	22.52	22.15	24.00
10	QPSK	25	0	22.53	22.77	22.53	24.00
10	QPSK	25	12	22.51	22.70	22.45	24.00



FCC SAR Test Report

Report No. : FA572502

10	QPSK	25	25	22.40	22.71	22.51	24.00
10	QPSK	50	0	22.52	22.51	22.54	24.00
10	16QAM	1	0	22.67	22.70	22.73	24.00
10	16QAM	1	25	22.36	22.59	22.45	24.00
10	16QAM	1	49	22.41	22.44	22.31	24.00
10	16QAM	25	0	22.09	22.51	22.20	24.00
10	16QAM	25	12	22.11	22.40	22.23	24.00
10	16QAM	25	25	22.19	22.30	22.22	24.00
10	16QAM	50	0	22.19	22.38	22.23	24.00
10	64QAM	1	0	22.55	22.45	22.41	24.00
10	64QAM	1	25	22.28	22.27	22.31	24.00
10	64QAM	1	49	22.03	22.30	22.10	24.00
10	64QAM	25	0	21.19	21.30	21.24	23.00
10	64QAM	25	12	21.36	21.30	21.21	23.00
10	64QAM	25	25	21.03	21.23	21.10	23.00
10	64QAM	50	0	21.08	21.30	21.08	23.00
10	256QAM	1	0	19.41	19.53	19.27	21.00
10	256QAM	1	25	19.07	19.35	19.40	21.00
10	256QAM	1	49	19.09	19.23	19.17	21.00
10	256QAM	25	0	19.40	19.40	19.12	21.00
10	256QAM	25	12	19.09	19.22	19.14	21.00
10	256QAM	25	25	19.01	19.38	19.15	21.00
10	256QAM	50	0	19.27	19.42	19.41	21.00
Channel				42115	42590	43065	Tune-up limit
Frequency (MHz)				3452.5	3500	3547.5	(dBm)
5	QPSK	1	0	22.55	22.81	22.77	24.00
5	QPSK	1	12	22.53	22.61	22.38	24.00
5	QPSK	1	24	22.23	22.44	22.17	24.00
5	QPSK	12	0	22.54	22.73	22.65	24.00
5	QPSK	12	7	22.48	22.73	22.54	24.00
5	QPSK	12	13	22.46	22.64	22.55	24.00
5	QPSK	25	0	22.56	22.57	22.47	24.00
5	16QAM	1	0	22.64	22.69	22.75	24.00
5	16QAM	1	12	22.36	22.54	22.37	24.00
5	16QAM	1	24	22.38	22.35	22.30	24.00
5	16QAM	12	0	22.19	22.52	22.12	24.00
5	16QAM	12	7	22.05	22.38	22.31	24.00
5	16QAM	12	13	22.06	22.36	22.23	24.00
5	16QAM	25	0	22.08	22.38	22.19	24.00
5	64QAM	1	0	22.55	22.50	22.33	24.00
5	64QAM	1	12	22.27	22.30	22.34	24.00
5	64QAM	1	24	22.02	22.22	22.13	24.00
5	64QAM	12	0	21.18	21.26	21.27	23.00
5	64QAM	12	7	21.31	21.30	21.31	23.00
5	64QAM	12	13	21.11	21.23	21.14	23.00
5	64QAM	25	0	21.12	21.27	21.07	23.00
5	256QAM	1	0	19.48	19.45	19.26	21.00
5	256QAM	1	12	19.10	19.31	19.40	21.00
5	256QAM	1	24	19.05	19.24	19.22	21.00
5	256QAM	12	0	19.30	19.40	19.17	21.00
5	256QAM	12	7	19.19	19.25	19.21	21.00
5	256QAM	12	13	19.02	19.44	19.18	21.00
5	256QAM	25	0	19.30	19.30	19.39	21.00



【LTE Band 42 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant

4_DSI 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				42190	42590	42990	Tune-up limit (dBm)
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	16.19	16.25	16.23	17.30
20	QPSK	1	49	16.02	16.21	16.05	17.30
20	QPSK	1	99	16.09	16.22	16.07	17.30
20	QPSK	50	0	16.12	16.23	16.08	17.30
20	QPSK	50	24	15.98	16.15	16.06	17.30
20	QPSK	50	50	16.04	16.19	16.03	17.30
20	QPSK	100	0	16.09	16.18	16.11	17.30
20	16QAM	1	0	15.95	16.11	16.03	17.30
20	16QAM	1	49	16.00	16.17	16.13	17.30
20	16QAM	1	99	16.05	16.19	16.10	17.30
20	16QAM	50	0	16.01	16.16	16.07	17.30
20	16QAM	50	24	15.92	16.12	16.05	17.30
20	16QAM	50	50	15.96	16.08	15.92	17.30
20	16QAM	100	0	15.97	16.13	16.01	17.30
20	64QAM	1	0	15.93	16.04	15.96	17.30
20	64QAM	1	49	15.95	16.09	15.96	17.30
20	64QAM	1	99	15.92	16.11	16.07	17.30
20	64QAM	50	0	16.08	16.15	15.98	17.30
20	64QAM	50	24	15.95	16.14	16.05	17.30
20	64QAM	50	50	16.10	16.18	16.04	17.30
20	64QAM	100	0	15.94	16.13	16.02	17.30
20	256QAM	1	0	15.99	16.11	15.97	17.30
20	256QAM	1	49	15.98	16.12	16.02	17.30
20	256QAM	1	99	16.04	16.14	16.11	17.30
20	256QAM	50	0	16.01	16.16	16.07	17.30
20	256QAM	50	24	15.96	16.12	16.06	17.30
20	256QAM	50	50	15.93	16.08	15.93	17.30
20	256QAM	100	0	15.95	16.05	15.95	17.30
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	16.05	16.23	16.13	17.30
15	QPSK	1	37	15.87	16.19	15.93	17.30
15	QPSK	1	74	15.96	16.18	16.04	17.30
15	QPSK	36	0	16.08	16.13	15.96	17.30
15	QPSK	36	20	15.93	16.08	15.92	17.30
15	QPSK	36	39	16.01	16.13	15.93	17.30
15	QPSK	75	0	16.03	16.10	16.07	17.30
15	16QAM	1	0	15.81	15.98	15.95	17.30
15	16QAM	1	37	15.95	16.12	16.06	17.30
15	16QAM	1	74	15.91	16.08	15.97	17.30
15	16QAM	36	0	15.88	16.15	15.96	17.30
15	16QAM	36	20	15.78	16.08	15.97	17.30
15	16QAM	36	39	15.84	16.06	15.83	17.30
15	16QAM	75	0	15.85	16.02	15.91	17.30
15	64QAM	1	0	15.86	16.01	15.93	17.30
15	64QAM	1	37	15.82	16.07	15.85	17.30
15	64QAM	1	74	15.85	16.07	15.93	17.30
15	64QAM	36	0	16.00	16.03	15.91	17.30
15	64QAM	36	20	15.83	16.05	16.02	17.30
15	64QAM	36	39	16.01	16.03	15.96	17.30
15	64QAM	75	0	15.80	16.05	16.01	17.30
15	256QAM	1	0	15.85	15.98	15.92	17.30
15	256QAM	1	37	15.88	16.04	15.90	17.30
15	256QAM	1	74	15.95	16.08	16.04	17.30
15	256QAM	36	0	15.95	16.11	15.96	17.30
15	256QAM	36	20	15.91	16.03	16.02	17.30
15	256QAM	36	39	15.82	16.03	15.89	17.30
15	256QAM	75	0	15.85	15.99	15.81	17.30
Channel				42140	42590	43040	Tune-up limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	16.14	16.13	16.13	17.30
10	QPSK	1	25	15.89	16.14	15.96	17.30
10	QPSK	1	49	15.99	16.18	16.05	17.30
10	QPSK	25	0	16.09	16.17	16.02	17.30
10	QPSK	25	12	15.96	16.08	15.98	17.30



10	QPSK	25	25	16.02	16.06	15.95	17.30
10	QPSK	50	0	16.01	16.13	16.00	17.30
10	16QAM	1	0	15.93	16.03	16.01	17.30
10	16QAM	1	25	15.87	16.08	16.02	17.30
10	16QAM	1	49	15.93	16.10	15.96	17.30
10	16QAM	25	0	15.88	16.06	15.93	17.30
10	16QAM	25	12	15.86	16.01	16.02	17.30
10	16QAM	25	25	15.90	15.96	15.89	17.30
10	16QAM	50	0	15.91	16.10	15.97	17.30
10	64QAM	1	0	15.80	15.90	15.89	17.30
10	64QAM	1	25	15.87	16.06	15.92	17.30
10	64QAM	1	49	15.82	16.03	16.02	17.30
10	64QAM	25	0	15.96	16.12	15.96	17.30
10	64QAM	25	12	15.85	16.04	15.98	17.30
10	64QAM	25	25	15.99	16.03	15.98	17.30
10	64QAM	50	0	15.88	15.99	15.97	17.30
10	256QAM	1	0	15.94	16.06	15.88	17.30
10	256QAM	1	25	15.91	16.07	15.95	17.30
10	256QAM	1	49	15.90	16.03	16.05	17.30
10	256QAM	25	0	15.99	16.09	15.99	17.30
10	256QAM	25	12	15.94	16.03	15.94	17.30
10	256QAM	25	25	15.85	16.02	15.89	17.30
10	256QAM	50	0	15.88	15.97	15.92	17.30
Channel				42115	42590	43065	Tune-up limit
Frequency (MHz)				3452.5	3500	3547.5	(dBm)
5	QPSK	1	0	16.15	16.15	16.13	17.30
5	QPSK	1	12	15.88	16.07	16.04	17.30
5	QPSK	1	24	16.05	16.13	16.01	17.30
5	QPSK	12	0	16.00	16.11	15.95	17.30
5	QPSK	12	7	15.95	16.08	15.95	17.30
5	QPSK	12	13	15.91	16.16	15.91	17.30
5	QPSK	25	0	15.99	16.15	16.00	17.30
5	16QAM	1	0	15.87	15.97	15.92	17.30
5	16QAM	1	12	15.93	16.08	16.02	17.30
5	16QAM	1	24	16.00	16.10	15.97	17.30
5	16QAM	12	0	15.91	16.06	15.96	17.30
5	16QAM	12	7	15.90	16.05	15.97	17.30
5	16QAM	12	13	15.94	16.02	15.85	17.30
5	16QAM	25	0	15.93	16.00	15.87	17.30
5	64QAM	1	0	15.91	15.93	15.94	17.30
5	64QAM	1	12	15.84	16.05	15.94	17.30
5	64QAM	1	24	15.90	15.97	16.01	17.30
5	64QAM	12	0	15.97	16.12	15.93	17.30
5	64QAM	12	7	15.94	16.12	16.02	17.30
5	64QAM	12	13	15.99	16.09	16.01	17.30
5	64QAM	25	0	15.85	16.11	15.89	17.30
5	256QAM	1	0	15.95	15.99	15.93	17.30
5	256QAM	1	12	15.84	16.02	15.97	17.30
5	256QAM	1	24	15.91	16.00	15.98	17.30
5	256QAM	12	0	15.98	16.03	16.05	17.30
5	256QAM	12	7	15.84	16.00	15.97	17.30
5	256QAM	12	13	15.89	16.05	15.87	17.30
5	256QAM	25	0	15.86	15.99	15.93	17.30



【LTE Band 42 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant

4_DSI 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				42190	42590	42990	Tune-up limit (dBm)
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	20.21	20.28	20.26	21.30
20	QPSK	1	49	20.15	20.10	19.86	21.30
20	QPSK	1	99	20.22	20.11	19.98	21.30
20	QPSK	50	0	20.13	20.23	19.84	21.30
20	QPSK	50	24	20.14	20.11	19.85	21.30
20	QPSK	50	50	20.22	20.21	19.91	21.30
20	QPSK	100	0	20.07	20.13	20.05	21.30
20	16QAM	1	0	20.23	20.30	19.83	21.30
20	16QAM	1	49	20.16	20.14	19.86	21.30
20	16QAM	1	99	20.18	20.11	20.04	21.30
20	16QAM	50	0	20.14	20.20	19.84	21.30
20	16QAM	50	24	20.26	20.19	19.99	21.30
20	16QAM	50	50	20.07	20.25	19.96	21.30
20	16QAM	100	0	20.19	20.30	19.98	21.30
20	64QAM	1	0	20.17	20.17	19.90	21.30
20	64QAM	1	49	20.15	20.29	19.87	21.30
20	64QAM	1	99	20.21	20.30	20.01	21.30
20	64QAM	50	0	20.19	20.16	19.96	21.30
20	64QAM	50	24	20.05	20.28	19.83	21.30
20	64QAM	50	50	20.12	20.17	19.83	21.30
20	64QAM	100	0	20.04	20.12	19.98	21.30
20	256QAM	1	0	19.76	19.88	19.95	21.00
20	256QAM	1	49	19.65	19.80	19.82	21.00
20	256QAM	1	99	19.53	19.86	19.99	21.00
20	256QAM	50	0	19.71	19.95	19.87	21.00
20	256QAM	50	24	19.72	19.78	19.99	21.00
20	256QAM	50	50	19.74	19.94	19.83	21.00
20	256QAM	100	0	19.64	19.79	19.79	21.00
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	20.07	20.19	20.20	21.30
15	QPSK	1	37	20.09	19.96	19.72	21.30
15	QPSK	1	74	20.12	20.00	19.87	21.30
15	QPSK	36	0	20.04	20.13	19.73	21.30
15	QPSK	36	20	20.08	20.06	19.79	21.30
15	QPSK	36	39	20.20	20.07	19.80	21.30
15	QPSK	75	0	19.95	20.00	19.97	21.30
15	16QAM	1	0	20.12	20.26	19.75	21.30
15	16QAM	1	37	20.13	20.05	19.73	21.30
15	16QAM	1	74	20.04	20.08	19.99	21.30
15	16QAM	36	0	20.08	20.11	19.69	21.30
15	16QAM	36	20	20.24	20.13	19.95	21.30
15	16QAM	36	39	19.93	20.14	19.92	21.30
15	16QAM	75	0	20.05	20.27	19.85	21.30
15	64QAM	1	0	20.13	20.07	19.86	21.30
15	64QAM	1	37	20.11	20.26	19.80	21.30
15	64QAM	1	74	20.06	20.19	19.99	21.30
15	64QAM	36	0	20.09	20.11	19.91	21.30
15	64QAM	36	20	20.00	20.15	19.75	21.30
15	64QAM	36	39	19.98	20.14	19.75	21.30
15	64QAM	75	0	19.89	20.09	19.86	21.30
15	256QAM	1	0	19.62	19.83	19.85	21.00
15	256QAM	1	37	19.58	19.70	19.75	21.00
15	256QAM	1	74	19.51	19.82	19.87	21.00
15	256QAM	36	0	19.59	19.87	19.76	21.00
15	256QAM	36	20	19.67	19.70	19.96	21.00
15	256QAM	36	39	19.66	19.91	19.78	21.00
15	256QAM	75	0	19.53	19.73	19.69	21.00
Channel				42140	42590	43040	Tune-up limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	20.11	20.17	20.24	21.30
10	QPSK	1	25	20.13	20.07	19.75	21.30
10	QPSK	1	49	20.11	20.10	19.95	21.30
10	QPSK	25	0	20.10	20.18	19.74	21.30
10	QPSK	25	12	20.00	20.03	19.75	21.30



FCC SAR Test Report

Report No. : FA572502

10	QPSK	25	25	20.19	20.10	19.83	21.30
10	QPSK	50	0	19.94	20.02	19.94	21.30
10	16QAM	1	0	20.16	20.20	19.74	21.30
10	16QAM	1	25	20.05	20.07	19.84	21.30
10	16QAM	1	49	20.08	20.09	19.93	21.30
10	16QAM	25	0	19.99	20.10	19.74	21.30
10	16QAM	25	12	20.14	20.14	19.91	21.30
10	16QAM	25	25	20.02	20.10	19.90	21.30
10	16QAM	50	0	20.14	20.22	19.85	21.30
10	64QAM	1	0	20.10	20.02	19.87	21.30
10	64QAM	1	25	20.09	20.15	19.82	21.30
10	64QAM	1	49	20.11	20.23	19.93	21.30
10	64QAM	25	0	20.07	20.10	19.88	21.30
10	64QAM	25	12	19.98	20.25	19.81	21.30
10	64QAM	25	25	20.02	20.10	19.81	21.30
10	64QAM	50	0	20.00	20.07	19.86	21.30
10	256QAM	1	0	19.71	19.75	19.80	21.00
10	256QAM	1	25	19.56	19.68	19.75	21.00
10	256QAM	1	49	19.39	19.74	19.91	21.00
10	256QAM	25	0	19.64	19.93	19.72	21.00
10	256QAM	25	12	19.68	19.73	19.87	21.00
10	256QAM	25	25	19.70	19.88	19.76	21.00
10	256QAM	50	0	19.60	19.70	19.73	21.00
Channel				42115	42590	43065	Tune-up limit
Frequency (MHz)				3452.5	3500	3547.5	(dBm)
5	QPSK	1	0	20.18	20.14	20.23	21.30
5	QPSK	1	12	20.04	20.08	19.74	21.30
5	QPSK	1	24	20.17	20.08	19.91	21.30
5	QPSK	12	0	19.98	20.08	19.78	21.30
5	QPSK	12	7	20.09	19.96	19.84	21.30
5	QPSK	12	13	20.20	20.08	19.85	21.30
5	QPSK	25	0	19.94	20.08	19.92	21.30
5	16QAM	1	0	20.17	20.25	19.69	21.30
5	16QAM	1	12	20.03	20.04	19.84	21.30
5	16QAM	1	24	20.10	19.98	19.92	21.30
5	16QAM	12	0	20.08	20.14	19.77	21.30
5	16QAM	12	7	20.23	20.09	19.85	21.30
5	16QAM	12	13	19.93	20.19	19.82	21.30
5	16QAM	25	0	20.11	20.29	19.88	21.30
5	64QAM	1	0	20.10	20.09	19.89	21.30
5	64QAM	1	12	20.04	20.26	19.72	21.30
5	64QAM	1	24	20.18	20.21	19.91	21.30
5	64QAM	12	0	20.07	20.04	19.89	21.30
5	64QAM	12	7	20.01	20.21	19.71	21.30
5	64QAM	12	13	20.07	20.16	19.80	21.30
5	64QAM	25	0	19.93	20.11	19.94	21.30
5	256QAM	1	0	19.61	19.75	19.88	21.00
5	256QAM	1	12	19.51	19.65	19.68	21.00
5	256QAM	1	24	19.39	19.83	19.87	21.00
5	256QAM	12	0	19.60	19.89	19.73	21.00
5	256QAM	12	7	19.61	19.75	19.94	21.00
5	256QAM	12	13	19.61	19.85	19.78	21.00
5	256QAM	25	0	19.59	19.73	19.68	21.00



【LTE Band 42 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant

4_DSI 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				42190	42590	42990	Tune-up limit (dBm)
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	21.73	21.77	21.74	22.90
20	QPSK	1	49	21.67	21.75	21.64	22.90
20	QPSK	1	99	21.61	21.73	21.58	22.90
20	QPSK	50	0	21.65	21.74	21.58	22.90
20	QPSK	50	24	21.63	21.71	21.58	22.90
20	QPSK	50	50	21.47	21.66	21.50	22.90
20	QPSK	100	0	21.58	21.69	21.61	22.90
20	16QAM	1	0	21.57	21.68	21.61	22.90
20	16QAM	1	49	21.59	21.65	21.59	22.90
20	16QAM	1	99	21.45	21.61	21.54	22.90
20	16QAM	50	0	21.53	21.64	21.57	22.90
20	16QAM	50	24	21.60	21.73	21.64	22.90
20	16QAM	50	50	21.53	21.70	21.52	22.90
20	16QAM	100	0	21.61	21.68	21.64	22.90
20	64QAM	1	0	21.60	21.66	21.49	22.90
20	64QAM	1	49	21.56	21.69	21.59	22.90
20	64QAM	1	99	21.57	21.67	21.51	22.90
20	64QAM	50	0	21.50	21.62	21.51	22.90
20	64QAM	50	24	21.50	21.63	21.55	22.90
20	64QAM	50	50	21.49	21.64	21.48	22.90
20	64QAM	100	0	21.60	21.68	21.60	22.90
20	256QAM	1	0	19.73	19.81	19.67	21.00
20	256QAM	1	49	19.73	19.78	19.70	21.00
20	256QAM	1	99	19.63	19.77	19.66	21.00
20	256QAM	50	0	19.68	19.75	19.68	21.00
20	256QAM	50	24	19.56	19.71	19.61	21.00
20	256QAM	50	50	19.62	19.73	19.58	21.00
20	256QAM	100	0	19.62	19.75	19.70	21.00
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	21.66	21.62	21.67	22.90
15	QPSK	1	37	21.63	21.72	21.56	22.90
15	QPSK	1	74	21.56	21.68	21.53	22.90
15	QPSK	36	0	21.55	21.71	21.48	22.90
15	QPSK	36	20	21.51	21.67	21.50	22.90
15	QPSK	36	39	21.34	21.61	21.48	22.90
15	QPSK	75	0	21.44	21.65	21.48	22.90
15	16QAM	1	0	21.54	21.55	21.56	22.90
15	16QAM	1	37	21.57	21.58	21.48	22.90
15	16QAM	1	74	21.33	21.50	21.47	22.90
15	16QAM	36	0	21.43	21.50	21.54	22.90
15	16QAM	36	20	21.49	21.70	21.63	22.90
15	16QAM	36	39	21.42	21.67	21.40	22.90
15	16QAM	75	0	21.59	21.53	21.55	22.90
15	64QAM	1	0	21.48	21.58	21.43	22.90
15	64QAM	1	37	21.49	21.60	21.48	22.90
15	64QAM	1	74	21.55	21.61	21.41	22.90
15	64QAM	36	0	21.43	21.58	21.41	22.90
15	64QAM	36	20	21.37	21.52	21.46	22.90
15	64QAM	36	39	21.44	21.57	21.42	22.90
15	64QAM	75	0	21.45	21.54	21.55	22.90
15	256QAM	1	0	19.72	19.76	19.57	21.00
15	256QAM	1	37	19.58	19.69	19.55	21.00
15	256QAM	1	74	19.52	19.69	19.57	21.00
15	256QAM	36	0	19.55	19.62	19.56	21.00
15	256QAM	36	20	19.42	19.68	19.46	21.00
15	256QAM	36	39	19.52	19.70	19.48	21.00
15	256QAM	75	0	19.50	19.63	19.64	21.00
Channel				42140	42590	43040	Tune-up limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	21.72	21.69	21.65	22.90
10	QPSK	1	25	21.55	21.64	21.56	22.90
10	QPSK	1	49	21.48	21.72	21.47	22.90
10	QPSK	25	0	21.63	21.69	21.45	22.90
10	QPSK	25	12	21.61	21.65	21.51	22.90



FCC SAR Test Report

Report No. : FA572502

10	QPSK	25	25	21.37	21.60	21.41	22.90
10	QPSK	50	0	21.46	21.57	21.59	22.90
10	16QAM	1	0	21.44	21.60	21.53	22.90
10	16QAM	1	25	21.47	21.54	21.56	22.90
10	16QAM	1	49	21.43	21.54	21.42	22.90
10	16QAM	25	0	21.43	21.61	21.52	22.90
10	16QAM	25	12	21.53	21.66	21.61	22.90
10	16QAM	25	25	21.51	21.56	21.42	22.90
10	16QAM	50	0	21.47	21.56	21.52	22.90
10	64QAM	1	0	21.58	21.52	21.47	22.90
10	64QAM	1	25	21.42	21.58	21.55	22.90
10	64QAM	1	49	21.51	21.54	21.40	22.90
10	64QAM	25	0	21.38	21.47	21.36	22.90
10	64QAM	25	12	21.36	21.56	21.43	22.90
10	64QAM	25	25	21.47	21.50	21.36	22.90
10	64QAM	50	0	21.46	21.60	21.56	22.90
10	256QAM	1	0	19.71	19.69	19.53	21.00
10	256QAM	1	25	19.59	19.77	19.56	21.00
10	256QAM	1	49	19.50	19.62	19.57	21.00
10	256QAM	25	0	19.63	19.69	19.58	21.00
10	256QAM	25	12	19.50	19.63	19.59	21.00
10	256QAM	25	25	19.53	19.62	19.48	21.00
10	256QAM	50	0	19.50	19.67	19.62	21.00
Channel				42115	42590	43065	Tune-up limit
Frequency (MHz)				3452.5	3500	3547.5	(dBm)
5	QPSK	1	0	21.59	21.63	21.66	22.90
5	QPSK	1	12	21.59	21.69	21.51	22.90
5	QPSK	1	24	21.52	21.59	21.56	22.90
5	QPSK	12	0	21.54	21.61	21.46	22.90
5	QPSK	12	7	21.59	21.70	21.54	22.90
5	QPSK	12	13	21.39	21.57	21.41	22.90
5	QPSK	25	0	21.54	21.63	21.58	22.90
5	16QAM	1	0	21.47	21.58	21.48	22.90
5	16QAM	1	12	21.54	21.59	21.49	22.90
5	16QAM	1	24	21.35	21.51	21.45	22.90
5	16QAM	12	0	21.38	21.52	21.44	22.90
5	16QAM	12	7	21.57	21.67	21.63	22.90
5	16QAM	12	13	21.46	21.67	21.51	22.90
5	16QAM	25	0	21.48	21.61	21.49	22.90
5	64QAM	1	0	21.57	21.61	21.46	22.90
5	64QAM	1	12	21.44	21.63	21.51	22.90
5	64QAM	1	24	21.44	21.53	21.38	22.90
5	64QAM	12	0	21.47	21.50	21.48	22.90
5	64QAM	12	7	21.39	21.59	21.47	22.90
5	64QAM	12	13	21.39	21.50	21.43	22.90
5	64QAM	25	0	21.59	21.62	21.53	22.90
5	256QAM	1	0	19.72	19.70	19.55	21.00
5	256QAM	1	12	19.60	19.67	19.59	21.00
5	256QAM	1	24	19.59	19.63	19.54	21.00
5	256QAM	12	0	19.62	19.67	19.57	21.00
5	256QAM	12	7	19.43	19.69	19.57	21.00
5	256QAM	12	13	19.57	19.69	19.53	21.00
5	256QAM	25	0	19.59	19.69	19.60	21.00



【LTE Band 42 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant

4_DSI 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				42190	42590	42990	Tune-up limit (dBm)
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	17.71	17.75	17.69	18.80
20	QPSK	1	49	17.52	17.58	17.42	18.80
20	QPSK	1	99	17.56	17.50	17.46	18.80
20	QPSK	50	0	17.40	17.65	17.51	18.80
20	QPSK	50	24	17.57	17.44	17.45	18.80
20	QPSK	50	50	17.50	17.52	17.51	18.80
20	QPSK	100	0	17.57	17.57	17.47	18.80
20	16QAM	1	0	17.62	17.50	17.42	18.80
20	16QAM	1	49	17.60	17.60	17.55	18.80
20	16QAM	1	99	17.39	17.59	17.53	18.80
20	16QAM	50	0	17.59	17.48	17.42	18.80
20	16QAM	50	24	17.41	17.55	17.55	18.80
20	16QAM	50	50	17.52	17.50	17.53	18.80
20	16QAM	100	0	17.47	17.48	17.59	18.80
20	64QAM	1	0	17.54	17.53	17.53	18.80
20	64QAM	1	49	17.45	17.41	17.54	18.80
20	64QAM	1	99	17.48	17.56	17.49	18.80
20	64QAM	50	0	17.41	17.51	17.45	18.80
20	64QAM	50	24	17.57	17.38	17.45	18.80
20	64QAM	50	50	17.48	17.60	17.41	18.80
20	64QAM	100	0	17.44	17.54	17.44	18.80
20	256QAM	1	0	17.57	17.38	17.54	18.80
20	256QAM	1	49	17.60	17.43	17.47	18.80
20	256QAM	1	99	17.60	17.46	17.45	18.80
20	256QAM	50	0	17.43	17.60	17.55	18.80
20	256QAM	50	24	17.53	17.49	17.61	18.80
20	256QAM	50	50	17.49	17.42	17.51	18.80
20	256QAM	100	0	17.46	17.45	17.45	18.80
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	17.61	17.70	17.59	18.80
15	QPSK	1	37	17.49	17.57	17.35	18.80
15	QPSK	1	74	17.50	17.35	17.37	18.80
15	QPSK	36	0	17.27	17.53	17.45	18.80
15	QPSK	36	20	17.53	17.40	17.36	18.80
15	QPSK	36	39	17.49	17.50	17.47	18.80
15	QPSK	75	0	17.43	17.46	17.41	18.80
15	16QAM	1	0	17.51	17.48	17.39	18.80
15	16QAM	1	37	17.50	17.51	17.41	18.80
15	16QAM	1	74	17.33	17.45	17.42	18.80
15	16QAM	36	0	17.52	17.45	17.39	18.80
15	16QAM	36	20	17.34	17.50	17.53	18.80
15	16QAM	36	39	17.42	17.36	17.49	18.80
15	16QAM	75	0	17.45	17.34	17.54	18.80
15	64QAM	1	0	17.50	17.50	17.48	18.80
15	64QAM	1	37	17.41	17.31	17.47	18.80
15	64QAM	1	74	17.44	17.50	17.43	18.80
15	64QAM	36	0	17.29	17.44	17.32	18.80
15	64QAM	36	20	17.51	17.28	17.41	18.80
15	64QAM	36	39	17.46	17.47	17.34	18.80
15	64QAM	75	0	17.41	17.53	17.41	18.80
15	256QAM	1	0	17.47	17.35	17.40	18.80
15	256QAM	1	37	17.54	17.29	17.36	18.80
15	256QAM	1	74	17.52	17.39	17.32	18.80
15	256QAM	36	0	17.31	17.51	17.50	18.80
15	256QAM	36	20	17.41	17.36	17.59	18.80
15	256QAM	36	39	17.43	17.30	17.37	18.80
15	256QAM	75	0	17.38	17.40	17.41	18.80
Channel				42140	42590	43040	Tune-up limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	17.58	17.72	17.56	18.80
10	QPSK	1	25	17.50	17.47	17.40	18.80
10	QPSK	1	49	17.53	17.39	17.31	18.80
10	QPSK	25	0	17.35	17.57	17.47	18.80
10	QPSK	25	12	17.49	17.38	17.41	18.80



10	QPSK	25	25	17.47	17.43	17.42	18.80
10	QPSK	50	0	17.49	17.56	17.39	18.80
10	16QAM	1	0	17.54	17.40	17.30	18.80
10	16QAM	1	25	17.53	17.46	17.41	18.80
10	16QAM	1	49	17.35	17.58	17.41	18.80
10	16QAM	25	0	17.50	17.43	17.30	18.80
10	16QAM	25	12	17.29	17.47	17.42	18.80
10	16QAM	25	25	17.51	17.48	17.49	18.80
10	16QAM	50	0	17.39	17.36	17.55	18.80
10	64QAM	1	0	17.45	17.46	17.48	18.80
10	64QAM	1	25	17.39	17.37	17.40	18.80
10	64QAM	1	49	17.41	17.50	17.39	18.80
10	64QAM	25	0	17.26	17.47	17.42	18.80
10	64QAM	25	12	17.53	17.26	17.33	18.80
10	64QAM	25	25	17.34	17.54	17.31	18.80
10	64QAM	50	0	17.39	17.48	17.34	18.80
10	256QAM	1	0	17.49	17.28	17.50	18.80
10	256QAM	1	25	17.46	17.41	17.44	18.80
10	256QAM	1	49	17.56	17.33	17.40	18.80
10	256QAM	25	0	17.41	17.57	17.45	18.80
10	256QAM	25	12	17.40	17.40	17.52	18.80
10	256QAM	25	25	17.40	17.34	17.38	18.80
10	256QAM	50	0	17.33	17.37	17.43	18.80
Channel				42115	42590	43065	Tune-up limit
Frequency (MHz)				3452.5	3500	3547.5	(dBm)
5	QPSK	1	0	17.59	17.61	17.61	18.80
5	QPSK	1	12	17.39	17.51	17.28	18.80
5	QPSK	1	24	17.52	17.38	17.42	18.80
5	QPSK	12	0	17.29	17.52	17.44	18.80
5	QPSK	12	7	17.48	17.30	17.37	18.80
5	QPSK	12	13	17.40	17.39	17.46	18.80
5	QPSK	25	0	17.42	17.51	17.46	18.80
5	16QAM	1	0	17.56	17.44	17.32	18.80
5	16QAM	1	12	17.53	17.45	17.40	18.80
5	16QAM	1	24	17.37	17.57	17.50	18.80
5	16QAM	12	0	17.50	17.35	17.31	18.80
5	16QAM	12	7	17.39	17.40	17.47	18.80
5	16QAM	12	13	17.46	17.44	17.41	18.80
5	16QAM	25	0	17.37	17.41	17.50	18.80
5	64QAM	1	0	17.39	17.52	17.45	18.80
5	64QAM	1	12	17.42	17.39	17.44	18.80
5	64QAM	1	24	17.41	17.44	17.41	18.80
5	64QAM	12	0	17.37	17.43	17.37	18.80
5	64QAM	12	7	17.46	17.32	17.40	18.80
5	64QAM	12	13	17.36	17.47	17.34	18.80
5	64QAM	25	0	17.39	17.50	17.34	18.80
5	256QAM	1	0	17.49	17.28	17.52	18.80
5	256QAM	1	12	17.52	17.38	17.41	18.80
5	256QAM	1	24	17.49	17.38	17.31	18.80
5	256QAM	12	0	17.37	17.52	17.42	18.80
5	256QAM	12	7	17.51	17.45	17.55	18.80
5	256QAM	12	13	17.48	17.36	17.41	18.80
5	256QAM	25	0	17.41	17.38	17.41	18.80



【LTE Band 42 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant

6_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	Tune-up limit (dBm)
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	23.18	23.23	23.15	24.00
20	QPSK	1	49	22.76	22.94	22.80	24.00
20	QPSK	1	99	22.81	22.96	22.76	24.00
20	QPSK	50	0	23.03	23.15	23.00	24.00
20	QPSK	50	24	22.95	23.11	22.88	24.00
20	QPSK	50	50	22.91	22.97	22.77	24.00
20	QPSK	100	0	22.93	23.05	22.94	24.00
20	16QAM	1	0	22.80	22.91	22.73	24.00
20	16QAM	1	49	23.04	23.13	22.95	24.00
20	16QAM	1	99	22.66	22.80	22.63	24.00
20	16QAM	50	0	22.50	22.56	22.38	24.00
20	16QAM	50	24	22.55	22.72	22.50	24.00
20	16QAM	50	50	22.40	22.52	22.31	24.00
20	16QAM	100	0	22.64	22.71	22.57	24.00
20	64QAM	1	0	22.76	22.86	22.71	24.00
20	64QAM	1	49	22.59	22.69	22.58	24.00
20	64QAM	1	99	22.58	22.72	22.62	24.00
20	64QAM	50	0	21.66	21.77	21.61	23.00
20	64QAM	50	24	21.52	21.71	21.62	23.00
20	64QAM	50	50	21.43	21.58	21.39	23.00
20	64QAM	100	0	21.45	21.64	21.49	23.00
20	256QAM	1	0	19.67	19.74	19.56	21.00
20	256QAM	1	49	19.61	19.75	19.60	21.00
20	256QAM	1	99	19.42	19.49	19.29	21.00
20	256QAM	50	0	19.50	19.66	19.46	21.00
20	256QAM	50	24	19.62	19.76	19.65	21.00
20	256QAM	50	50	19.34	19.46	19.25	21.00
20	256QAM	100	0	19.48	19.57	19.39	21.00
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	23.00	23.15	22.83	24.00
15	QPSK	1	37	22.84	22.88	22.69	24.00
15	QPSK	1	74	22.64	22.94	22.52	24.00
15	QPSK	36	0	22.86	23.05	22.73	24.00
15	QPSK	36	20	22.80	22.97	22.73	24.00
15	QPSK	36	39	22.86	22.92	22.76	24.00
15	QPSK	75	0	22.79	23.00	22.67	24.00
15	16QAM	1	0	23.02	22.81	22.62	24.00
15	16QAM	1	37	23.01	23.01	22.78	24.00
15	16QAM	1	74	22.92	22.67	22.69	24.00
15	16QAM	36	0	22.72	22.48	22.38	24.00
15	16QAM	36	20	22.61	22.57	22.31	24.00
15	16QAM	36	39	22.58	22.49	22.54	24.00
15	16QAM	75	0	22.53	22.57	22.47	24.00
15	64QAM	1	0	22.61	22.83	22.47	24.00
15	64QAM	1	37	22.76	22.61	22.49	24.00
15	64QAM	1	74	22.77	22.61	22.53	24.00
15	64QAM	36	0	21.61	21.67	21.41	23.00
15	64QAM	36	20	21.55	21.64	21.42	23.00
15	64QAM	36	39	21.65	21.50	21.30	23.00
15	64QAM	75	0	21.65	21.63	21.40	23.00
15	256QAM	1	0	19.56	19.62	19.37	21.00
15	256QAM	1	37	19.64	19.72	19.49	21.00
15	256QAM	1	74	19.50	19.46	19.35	21.00
15	256QAM	36	0	19.56	19.52	19.46	21.00
15	256QAM	36	20	19.66	19.69	19.64	21.00
15	256QAM	36	39	19.41	19.31	19.38	21.00
15	256QAM	75	0	19.64	19.48	19.45	21.00
Channel				42140	42590	43040	Tune-up limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	22.93	23.20	22.88	24.00
10	QPSK	1	25	22.86	22.80	22.80	24.00
10	QPSK	1	49	22.75	22.90	22.62	24.00
10	QPSK	25	0	22.87	23.05	22.73	24.00
10	QPSK	25	12	22.87	23.05	22.69	24.00



10	QPSK	25	25	22.85	22.88	22.82	24.00
10	QPSK	50	0	22.81	22.96	22.55	24.00
10	16QAM	1	0	23.02	22.83	22.55	24.00
10	16QAM	1	25	23.02	23.08	22.76	24.00
10	16QAM	1	49	22.84	22.70	22.66	24.00
10	16QAM	25	0	22.71	22.49	22.38	24.00
10	16QAM	25	12	22.65	22.60	22.31	24.00
10	16QAM	25	25	22.58	22.47	22.52	24.00
10	16QAM	50	0	22.53	22.60	22.37	24.00
10	64QAM	1	0	22.71	22.71	22.54	24.00
10	64QAM	1	25	22.80	22.68	22.47	24.00
10	64QAM	1	49	22.67	22.63	22.43	24.00
10	64QAM	25	0	21.60	21.71	21.50	23.00
10	64QAM	25	12	21.51	21.59	21.32	23.00
10	64QAM	25	25	21.65	21.44	21.42	23.00
10	64QAM	50	0	21.55	21.63	21.43	23.00
10	256QAM	1	0	19.57	19.68	19.39	21.00
10	256QAM	1	25	19.60	19.72	19.44	21.00
10	256QAM	1	49	19.38	19.36	19.44	21.00
10	256QAM	25	0	19.62	19.54	19.45	21.00
10	256QAM	25	12	19.68	19.72	19.53	21.00
10	256QAM	25	25	19.37	19.41	19.40	21.00
10	256QAM	50	0	19.59	19.45	19.46	21.00
Channel				42115	42590	43065	Tune-up limit
Frequency (MHz)				3452.5	3500	3547.5	(dBm)
5	QPSK	1	0	22.97	23.17	22.85	24.00
5	QPSK	1	12	22.88	22.81	22.76	24.00
5	QPSK	1	24	22.74	22.89	22.53	24.00
5	QPSK	12	0	22.88	23.11	22.75	24.00
5	QPSK	12	7	22.83	23.08	22.75	24.00
5	QPSK	12	13	22.87	22.96	22.82	24.00
5	QPSK	25	0	22.78	22.98	22.66	24.00
5	16QAM	1	0	23.00	22.86	22.58	24.00
5	16QAM	1	12	22.97	23.06	22.74	24.00
5	16QAM	1	24	22.88	22.72	22.75	24.00
5	16QAM	12	0	22.69	22.54	22.43	24.00
5	16QAM	12	7	22.64	22.69	22.37	24.00
5	16QAM	12	13	22.54	22.42	22.46	24.00
5	16QAM	25	0	22.58	22.68	22.43	24.00
5	64QAM	1	0	22.65	22.82	22.51	24.00
5	64QAM	1	12	22.77	22.65	22.49	24.00
5	64QAM	1	24	22.69	22.59	22.43	24.00
5	64QAM	12	0	21.68	21.75	21.46	23.00
5	64QAM	12	7	21.51	21.68	21.34	23.00
5	64QAM	12	13	21.57	21.43	21.39	23.00
5	64QAM	25	0	21.58	21.50	21.39	23.00
5	256QAM	1	0	19.55	19.62	19.38	21.00
5	256QAM	1	12	19.56	19.73	19.44	21.00
5	256QAM	1	24	19.47	19.42	19.37	21.00
5	256QAM	12	0	19.65	19.57	19.50	21.00
5	256QAM	12	7	19.74	19.66	19.52	21.00
5	256QAM	12	13	19.29	19.41	19.36	21.00
5	256QAM	25	0	19.61	19.52	19.48	21.00



【LTE Band 42 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant

6_DSI 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				42190	42590	42990	Tune-up limit (dBm)
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	23.18	23.23	23.15	24.00
20	QPSK	1	49	22.76	22.94	22.80	24.00
20	QPSK	1	99	22.81	22.96	22.76	24.00
20	QPSK	50	0	23.03	23.15	23.00	24.00
20	QPSK	50	24	22.95	23.11	22.88	24.00
20	QPSK	50	50	22.91	22.97	22.77	24.00
20	QPSK	100	0	22.93	23.05	22.94	24.00
20	16QAM	1	0	22.80	22.91	22.73	24.00
20	16QAM	1	49	23.04	23.13	22.95	24.00
20	16QAM	1	99	22.66	22.80	22.63	24.00
20	16QAM	50	0	22.50	22.56	22.38	24.00
20	16QAM	50	24	22.55	22.72	22.50	24.00
20	16QAM	50	50	22.40	22.52	22.31	24.00
20	16QAM	100	0	22.64	22.71	22.57	24.00
20	64QAM	1	0	22.76	22.86	22.71	24.00
20	64QAM	1	49	22.59	22.69	22.58	24.00
20	64QAM	1	99	22.58	22.72	22.62	24.00
20	64QAM	50	0	21.66	21.77	21.61	23.00
20	64QAM	50	24	21.52	21.71	21.62	23.00
20	64QAM	50	50	21.43	21.58	21.39	23.00
20	64QAM	100	0	21.45	21.64	21.49	23.00
20	256QAM	1	0	19.67	19.74	19.56	21.00
20	256QAM	1	49	19.61	19.75	19.60	21.00
20	256QAM	1	99	19.42	19.49	19.29	21.00
20	256QAM	50	0	19.50	19.66	19.46	21.00
20	256QAM	50	24	19.62	19.76	19.65	21.00
20	256QAM	50	50	19.34	19.46	19.25	21.00
20	256QAM	100	0	19.48	19.57	19.39	21.00
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	23.00	23.15	22.83	24.00
15	QPSK	1	37	22.84	22.88	22.69	24.00
15	QPSK	1	74	22.64	22.94	22.52	24.00
15	QPSK	36	0	22.86	23.05	22.73	24.00
15	QPSK	36	20	22.80	22.97	22.73	24.00
15	QPSK	36	39	22.86	22.92	22.76	24.00
15	QPSK	75	0	22.79	23.00	22.67	24.00
15	16QAM	1	0	23.02	22.81	22.62	24.00
15	16QAM	1	37	23.01	23.01	22.78	24.00
15	16QAM	1	74	22.92	22.67	22.69	24.00
15	16QAM	36	0	22.72	22.48	22.38	24.00
15	16QAM	36	20	22.61	22.57	22.31	24.00
15	16QAM	36	39	22.58	22.49	22.54	24.00
15	16QAM	75	0	22.53	22.57	22.47	24.00
15	64QAM	1	0	22.61	22.83	22.47	24.00
15	64QAM	1	37	22.76	22.61	22.49	24.00
15	64QAM	1	74	22.77	22.61	22.53	24.00
15	64QAM	36	0	21.61	21.67	21.41	23.00
15	64QAM	36	20	21.55	21.64	21.42	23.00
15	64QAM	36	39	21.65	21.50	21.30	23.00
15	64QAM	75	0	21.65	21.63	21.40	23.00
15	256QAM	1	0	19.56	19.62	19.37	21.00
15	256QAM	1	37	19.64	19.72	19.49	21.00
15	256QAM	1	74	19.50	19.46	19.35	21.00
15	256QAM	36	0	19.56	19.52	19.46	21.00
15	256QAM	36	20	19.66	19.69	19.64	21.00
15	256QAM	36	39	19.41	19.31	19.38	21.00
15	256QAM	75	0	19.64	19.48	19.45	21.00
Channel				42140	42590	43040	Tune-up limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	22.93	23.20	22.88	24.00
10	QPSK	1	25	22.86	22.80	22.80	24.00
10	QPSK	1	49	22.75	22.90	22.62	24.00
10	QPSK	25	0	22.87	23.05	22.73	24.00
10	QPSK	25	12	22.87	23.05	22.69	24.00



10	QPSK	25	25	22.85	22.88	22.82	24.00
10	QPSK	50	0	22.81	22.96	22.55	24.00
10	16QAM	1	0	23.02	22.83	22.55	24.00
10	16QAM	1	25	23.02	23.08	22.76	24.00
10	16QAM	1	49	22.84	22.70	22.66	24.00
10	16QAM	25	0	22.71	22.49	22.38	24.00
10	16QAM	25	12	22.65	22.60	22.31	24.00
10	16QAM	25	25	22.58	22.47	22.52	24.00
10	16QAM	50	0	22.53	22.60	22.37	24.00
10	64QAM	1	0	22.71	22.71	22.54	24.00
10	64QAM	1	25	22.80	22.68	22.47	24.00
10	64QAM	1	49	22.67	22.63	22.43	24.00
10	64QAM	25	0	21.60	21.71	21.50	23.00
10	64QAM	25	12	21.51	21.59	21.32	23.00
10	64QAM	25	25	21.65	21.44	21.42	23.00
10	64QAM	50	0	21.55	21.63	21.43	23.00
10	256QAM	1	0	19.57	19.68	19.39	21.00
10	256QAM	1	25	19.60	19.72	19.44	21.00
10	256QAM	1	49	19.38	19.36	19.44	21.00
10	256QAM	25	0	19.62	19.54	19.45	21.00
10	256QAM	25	12	19.68	19.72	19.53	21.00
10	256QAM	25	25	19.37	19.41	19.40	21.00
10	256QAM	50	0	19.59	19.45	19.46	21.00
Channel				42115	42590	43065	Tune-up limit
Frequency (MHz)				3452.5	3500	3547.5	(dBm)
5	QPSK	1	0	22.97	23.17	22.85	24.00
5	QPSK	1	12	22.88	22.81	22.76	24.00
5	QPSK	1	24	22.74	22.89	22.53	24.00
5	QPSK	12	0	22.88	23.11	22.75	24.00
5	QPSK	12	7	22.83	23.08	22.75	24.00
5	QPSK	12	13	22.87	22.96	22.82	24.00
5	QPSK	25	0	22.78	22.98	22.66	24.00
5	16QAM	1	0	23.00	22.86	22.58	24.00
5	16QAM	1	12	22.97	23.06	22.74	24.00
5	16QAM	1	24	22.88	22.72	22.75	24.00
5	16QAM	12	0	22.69	22.54	22.43	24.00
5	16QAM	12	7	22.64	22.69	22.37	24.00
5	16QAM	12	13	22.54	22.42	22.46	24.00
5	16QAM	25	0	22.58	22.68	22.43	24.00
5	64QAM	1	0	22.65	22.82	22.51	24.00
5	64QAM	1	12	22.77	22.65	22.49	24.00
5	64QAM	1	24	22.69	22.59	22.43	24.00
5	64QAM	12	0	21.68	21.75	21.46	23.00
5	64QAM	12	7	21.51	21.68	21.34	23.00
5	64QAM	12	13	21.57	21.43	21.39	23.00
5	64QAM	25	0	21.58	21.50	21.39	23.00
5	256QAM	1	0	19.55	19.62	19.38	21.00
5	256QAM	1	12	19.56	19.73	19.44	21.00
5	256QAM	1	24	19.47	19.42	19.37	21.00
5	256QAM	12	0	19.65	19.57	19.50	21.00
5	256QAM	12	7	19.74	19.66	19.52	21.00
5	256QAM	12	13	19.29	19.41	19.36	21.00
5	256QAM	25	0	19.61	19.52	19.48	21.00



【LTE Band 42 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant

6_DSI 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				42190	42590	42990	15.60
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	14.69	14.75	14.72	15.60
20	QPSK	1	49	14.53	14.71	14.60	15.60
20	QPSK	1	99	14.57	14.66	14.51	15.60
20	QPSK	50	0	14.56	14.73	14.69	15.60
20	QPSK	50	24	14.52	14.62	14.45	15.60
20	QPSK	50	50	14.49	14.69	14.53	15.60
20	QPSK	100	0	14.50	14.68	14.57	15.60
20	16QAM	1	0	14.47	14.65	14.61	15.60
20	16QAM	1	49	14.47	14.61	14.51	15.60
20	16QAM	1	99	14.48	14.63	14.50	15.60
20	16QAM	50	0	14.54	14.67	14.55	15.60
20	16QAM	50	24	14.57	14.67	14.59	15.60
20	16QAM	50	50	14.52	14.72	14.56	15.60
20	16QAM	100	0	14.58	14.69	14.61	15.60
20	64QAM	1	0	14.52	14.66	14.60	15.60
20	64QAM	1	49	14.58	14.68	14.60	15.60
20	64QAM	1	99	14.46	14.65	14.56	15.60
20	64QAM	50	0	14.43	14.61	14.49	15.60
20	64QAM	50	24	14.42	14.63	14.53	15.60
20	64QAM	50	50	14.48	14.68	14.53	15.60
20	64QAM	100	0	14.40	14.61	14.53	15.60
20	256QAM	1	0	14.45	14.62	14.56	15.60
20	256QAM	1	49	14.53	14.68	14.64	15.60
20	256QAM	1	99	14.45	14.64	14.47	15.60
20	256QAM	50	0	14.51	14.67	14.63	15.60
20	256QAM	50	24	14.55	14.63	14.47	15.60
20	256QAM	50	50	14.53	14.61	14.57	15.60
20	256QAM	100	0	14.47	14.63	14.46	15.60
Channel				42165	42590	43015	15.60
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	14.64	14.73	14.68	15.60
15	QPSK	1	37	14.51	14.66	14.47	15.60
15	QPSK	1	74	14.51	14.58	14.39	15.60
15	QPSK	36	0	14.50	14.60	14.57	15.60
15	QPSK	36	20	14.50	14.53	14.41	15.60
15	QPSK	36	39	14.38	14.59	14.44	15.60
15	QPSK	75	0	14.36	14.63	14.48	15.60
15	16QAM	1	0	14.35	14.60	14.54	15.60
15	16QAM	1	37	14.43	14.49	14.47	15.60
15	16QAM	1	74	14.36	14.52	14.45	15.60
15	16QAM	36	0	14.42	14.63	14.48	15.60
15	16QAM	36	20	14.55	14.65	14.55	15.60
15	16QAM	36	39	14.47	14.69	14.52	15.60
15	16QAM	75	0	14.56	14.63	14.49	15.60
15	64QAM	1	0	14.37	14.54	14.52	15.60
15	64QAM	1	37	14.57	14.65	14.53	15.60
15	64QAM	1	74	14.38	14.51	14.44	15.60
15	64QAM	36	0	14.36	14.46	14.41	15.60
15	64QAM	36	20	14.30	14.55	14.47	15.60
15	64QAM	36	39	14.42	14.58	14.38	15.60
15	64QAM	75	0	14.36	14.48	14.49	15.60
15	256QAM	1	0	14.36	14.60	14.43	15.60
15	256QAM	1	37	14.41	14.56	14.55	15.60
15	256QAM	1	74	14.39	14.58	14.33	15.60
15	256QAM	36	0	14.37	14.62	14.53	15.60
15	256QAM	36	20	14.51	14.55	14.42	15.60
15	256QAM	36	39	14.50	14.49	14.48	15.60
15	256QAM	75	0	14.41	14.59	14.40	15.60
Channel				42140	42590	43040	15.60
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	14.60	14.62	14.66	15.60
10	QPSK	1	25	14.52	14.68	14.56	15.60
10	QPSK	1	49	14.55	14.64	14.48	15.60
10	QPSK	25	0	14.48	14.63	14.63	15.60
10	QPSK	25	12	14.37	14.50	14.32	15.60



10	QPSK	25	25	14.35	14.63	14.46	15.60
10	QPSK	50	0	14.46	14.56	14.54	15.60
10	16QAM	1	0	14.33	14.55	14.49	15.60
10	16QAM	1	25	14.44	14.48	14.39	15.60
10	16QAM	1	49	14.44	14.54	14.39	15.60
10	16QAM	25	0	14.49	14.63	14.40	15.60
10	16QAM	25	12	14.49	14.52	14.53	15.60
10	16QAM	25	25	14.45	14.64	14.55	15.60
10	16QAM	50	0	14.44	14.59	14.48	15.60
10	64QAM	1	0	14.39	14.63	14.58	15.60
10	64QAM	1	25	14.43	14.64	14.53	15.60
10	64QAM	1	49	14.45	14.51	14.50	15.60
10	64QAM	25	0	14.34	14.54	14.42	15.60
10	64QAM	25	12	14.33	14.51	14.46	15.60
10	64QAM	25	25	14.43	14.63	14.50	15.60
10	64QAM	50	0	14.32	14.48	14.39	15.60
10	256QAM	1	0	14.36	14.57	14.43	15.60
10	256QAM	1	25	14.41	14.61	14.50	15.60
10	256QAM	1	49	14.39	14.51	14.46	15.60
10	256QAM	25	0	14.50	14.54	14.52	15.60
10	256QAM	25	12	14.53	14.54	14.42	15.60
10	256QAM	25	25	14.48	14.59	14.44	15.60
10	256QAM	50	0	14.39	14.49	14.37	15.60
Channel				42115	42590	43065	Tune-up limit
Frequency (MHz)				3452.5	3500	3547.5	(dBm)
5	QPSK	1	0	14.66	14.69	14.65	15.60
5	QPSK	1	12	14.46	14.62	14.48	15.60
5	QPSK	1	24	14.51	14.51	14.49	15.60
5	QPSK	12	0	14.50	14.59	14.55	15.60
5	QPSK	12	7	14.45	14.57	14.35	15.60
5	QPSK	12	13	14.39	14.54	14.51	15.60
5	QPSK	25	0	14.44	14.56	14.43	15.60
5	16QAM	1	0	14.43	14.57	14.47	15.60
5	16QAM	1	12	14.42	14.48	14.46	15.60
5	16QAM	1	24	14.37	14.58	14.47	15.60
5	16QAM	12	0	14.48	14.57	14.50	15.60
5	16QAM	12	7	14.44	14.61	14.56	15.60
5	16QAM	12	13	14.51	14.65	14.51	15.60
5	16QAM	25	0	14.44	14.55	14.50	15.60
5	64QAM	1	0	14.45	14.64	14.56	15.60
5	64QAM	1	12	14.51	14.57	14.46	15.60
5	64QAM	1	24	14.45	14.55	14.53	15.60
5	64QAM	12	0	14.31	14.54	14.43	15.60
5	64QAM	12	7	14.30	14.59	14.46	15.60
5	64QAM	12	13	14.34	14.55	14.40	15.60
5	64QAM	25	0	14.27	14.56	14.47	15.60
5	256QAM	1	0	14.43	14.54	14.54	15.60
5	256QAM	1	12	14.44	14.54	14.56	15.60
5	256QAM	1	24	14.35	14.58	14.41	15.60
5	256QAM	12	0	14.43	14.52	14.58	15.60
5	256QAM	12	7	14.46	14.53	14.34	15.60
5	256QAM	12	13	14.47	14.50	14.49	15.60
5	256QAM	25	0	14.43	14.52	14.37	15.60



【LTE Band 42 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant

6_DSI 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				42190	42590	42990	18.50
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	17.13	17.31	17.26	18.50
20	QPSK	1	49	17.13	17.30	17.09	18.50
20	QPSK	1	99	17.09	17.10	17.21	18.50
20	QPSK	50	0	17.28	17.30	17.25	18.50
20	QPSK	50	24	17.19	17.28	17.08	18.50
20	QPSK	50	50	17.09	17.28	17.12	18.50
20	QPSK	100	0	17.24	17.15	17.16	18.50
20	16QAM	1	0	17.16	17.14	17.13	18.50
20	16QAM	1	49	17.23	17.08	17.28	18.50
20	16QAM	1	99	17.09	17.20	17.15	18.50
20	16QAM	50	0	17.18	17.29	17.23	18.50
20	16QAM	50	24	17.30	17.28	17.19	18.50
20	16QAM	50	50	17.30	17.16	17.08	18.50
20	16QAM	100	0	17.29	17.11	17.08	18.50
20	64QAM	1	0	17.11	17.22	17.28	18.50
20	64QAM	1	49	17.28	17.18	17.12	18.50
20	64QAM	1	99	17.26	17.12	17.22	18.50
20	64QAM	50	0	17.26	17.30	17.13	18.50
20	64QAM	50	24	17.09	17.26	17.09	18.50
20	64QAM	50	50	17.17	17.24	17.21	18.50
20	64QAM	100	0	17.14	17.16	17.24	18.50
20	256QAM	1	0	17.12	17.13	17.31	18.50
20	256QAM	1	49	17.16	17.09	17.17	18.50
20	256QAM	1	99	17.24	17.25	17.19	18.50
20	256QAM	50	0	17.16	17.22	17.09	18.50
20	256QAM	50	24	17.28	17.09	17.19	18.50
20	256QAM	50	50	17.28	17.09	17.24	18.50
20	256QAM	100	0	17.28	17.28	17.11	18.50
Channel				42165	42590	43015	18.50
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	17.04	17.28	17.23	18.50
15	QPSK	1	37	17.01	17.19	17.01	18.50
15	QPSK	1	74	17.07	17.01	17.07	18.50
15	QPSK	36	0	17.14	17.16	17.22	18.50
15	QPSK	36	20	17.05	17.21	17.03	18.50
15	QPSK	36	39	17.03	17.23	17.08	18.50
15	QPSK	75	0	17.21	17.13	17.11	18.50
15	16QAM	1	0	17.11	17.08	16.99	18.50
15	16QAM	1	37	17.21	17.06	17.24	18.50
15	16QAM	1	74	16.94	17.10	17.12	18.50
15	16QAM	36	0	17.12	17.17	17.12	18.50
15	16QAM	36	20	17.22	17.25	17.11	18.50
15	16QAM	36	39	17.23	17.08	16.95	18.50
15	16QAM	75	0	17.18	17.09	17.01	18.50
15	64QAM	1	0	17.03	17.20	17.25	18.50
15	64QAM	1	37	17.19	17.14	17.06	18.50
15	64QAM	1	74	17.25	17.09	17.16	18.50
15	64QAM	36	0	17.20	17.23	17.08	18.50
15	64QAM	36	20	17.01	17.13	17.00	18.50
15	64QAM	36	39	17.02	17.10	17.09	18.50
15	64QAM	75	0	17.02	17.03	17.20	18.50
15	256QAM	1	0	17.05	16.99	17.27	18.50
15	256QAM	1	37	17.02	17.05	17.14	18.50
15	256QAM	1	74	17.13	17.17	17.10	18.50
15	256QAM	36	0	17.11	17.12	16.95	18.50
15	256QAM	36	20	17.26	16.99	17.18	18.50
15	256QAM	36	39	17.22	16.99	17.13	18.50
15	256QAM	75	0	17.25	17.16	16.97	18.50
Channel				42140	42590	43040	18.50
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	17.00	17.23	17.15	18.50
10	QPSK	1	25	17.02	17.16	17.07	18.50
10	QPSK	1	49	17.04	17.02	17.18	18.50
10	QPSK	25	0	17.21	17.21	17.24	18.50
10	QPSK	25	12	17.08	17.24	17.07	18.50



10	QPSK	25	25	17.05	17.15	17.09	18.50
10	QPSK	50	0	17.14	17.11	17.04	18.50
10	16QAM	1	0	17.05	17.08	17.02	18.50
10	16QAM	1	25	17.17	16.97	17.19	18.50
10	16QAM	1	49	17.04	17.10	17.13	18.50
10	16QAM	25	0	17.09	17.16	17.21	18.50
10	16QAM	25	12	17.27	17.22	17.06	18.50
10	16QAM	25	25	17.26	17.01	17.05	18.50
10	16QAM	50	0	17.18	17.08	17.04	18.50
10	64QAM	1	0	16.97	17.21	17.16	18.50
10	64QAM	1	25	17.17	17.10	17.01	18.50
10	64QAM	1	49	17.11	17.03	17.13	18.50
10	64QAM	25	0	17.14	17.18	17.12	18.50
10	64QAM	25	12	17.01	17.19	17.01	18.50
10	64QAM	25	25	17.03	17.15	17.16	18.50
10	64QAM	50	0	17.12	17.12	17.09	18.50
10	256QAM	1	0	17.02	17.00	17.16	18.50
10	256QAM	1	25	17.08	16.98	17.11	18.50
10	256QAM	1	49	17.21	17.17	17.07	18.50
10	256QAM	25	0	17.06	17.07	16.96	18.50
10	256QAM	25	12	17.19	17.04	17.14	18.50
10	256QAM	25	25	17.21	17.03	17.19	18.50
10	256QAM	50	0	17.20	17.23	17.07	18.50
Channel				42115	42590	43065	Tune-up limit
Frequency (MHz)				3452.5	3500	3547.5	(dBm)
5	QPSK	1	0	17.00	17.29	17.11	18.50
5	QPSK	1	12	17.10	17.21	17.01	18.50
5	QPSK	1	24	16.98	16.95	17.07	18.50
5	QPSK	12	0	17.25	17.25	17.14	18.50
5	QPSK	12	7	17.08	17.17	16.94	18.50
5	QPSK	12	13	17.03	17.17	17.04	18.50
5	QPSK	25	0	17.21	17.14	17.09	18.50
5	16QAM	1	0	17.05	17.05	17.02	18.50
5	16QAM	1	12	17.21	16.97	17.13	18.50
5	16QAM	1	24	17.04	17.16	17.07	18.50
5	16QAM	12	0	17.11	17.27	17.22	18.50
5	16QAM	12	7	17.20	17.18	17.14	18.50
5	16QAM	12	13	17.21	17.06	17.01	18.50
5	16QAM	25	0	17.20	17.02	17.05	18.50
5	64QAM	1	0	17.04	17.07	17.20	18.50
5	64QAM	1	12	17.25	17.05	17.10	18.50
5	64QAM	1	24	17.20	17.06	17.21	18.50
5	64QAM	12	0	17.23	17.26	17.10	18.50
5	64QAM	12	7	16.99	17.13	17.02	18.50
5	64QAM	12	13	17.09	17.09	17.11	18.50
5	64QAM	25	0	17.09	17.10	17.11	18.50
5	256QAM	1	0	17.00	17.08	17.30	18.50
5	256QAM	1	12	17.03	17.06	17.03	18.50
5	256QAM	1	24	17.13	17.20	17.09	18.50
5	256QAM	12	0	17.03	17.18	17.02	18.50
5	256QAM	12	7	17.18	17.00	17.09	18.50
5	256QAM	12	13	17.21	17.05	17.22	18.50
5	256QAM	25	0	17.17	17.22	17.07	18.50



【LTE Band 42 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant

6_DSI 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				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	18.76	18.81	18.79	19.70
20	QPSK	1	49	18.69	18.64	18.74	19.70
20	QPSK	1	99	18.68	18.65	18.72	19.70
20	QPSK	50	0	18.69	18.78	18.61	19.70
20	QPSK	50	24	18.67	18.60	18.72	19.70
20	QPSK	50	50	18.57	18.64	18.70	19.70
20	QPSK	100	0	18.58	18.73	18.61	19.70
20	16QAM	1	0	18.66	18.74	18.64	19.70
20	16QAM	1	49	18.64	18.76	18.67	19.70
20	16QAM	1	99	18.64	18.68	18.63	19.70
20	16QAM	50	0	18.64	18.73	18.71	19.70
20	16QAM	50	24	18.70	18.70	18.63	19.70
20	16QAM	50	50	18.77	18.57	18.68	19.70
20	16QAM	100	0	18.72	18.70	18.65	19.70
20	64QAM	1	0	18.65	18.74	18.70	19.70
20	64QAM	1	49	18.58	18.71	18.67	19.70
20	64QAM	1	99	18.69	18.53	18.62	19.70
20	64QAM	50	0	18.61	18.76	18.66	19.70
20	64QAM	50	24	18.76	18.77	18.65	19.70
20	64QAM	50	50	18.72	18.61	18.66	19.70
20	64QAM	100	0	18.55	18.59	18.76	19.70
20	256QAM	1	0	18.68	18.65	18.55	19.70
20	256QAM	1	49	18.76	18.57	18.55	19.70
20	256QAM	1	99	18.69	18.64	18.74	19.70
20	256QAM	50	0	18.68	18.65	18.72	19.70
20	256QAM	50	24	18.69	18.55	18.61	19.70
20	256QAM	50	50	18.67	18.60	18.72	19.70
20	256QAM	100	0	18.57	18.64	18.70	19.70
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	18.67	18.75	18.76	19.70
15	QPSK	1	37	18.68	18.58	18.61	19.70
15	QPSK	1	74	18.62	18.58	18.59	19.70
15	QPSK	36	0	18.58	18.63	18.48	19.70
15	QPSK	36	20	18.58	18.50	18.69	19.70
15	QPSK	36	39	18.43	18.49	18.68	19.70
15	QPSK	75	0	18.45	18.59	18.55	19.70
15	16QAM	1	0	18.56	18.66	18.59	19.70
15	16QAM	1	37	18.55	18.73	18.57	19.70
15	16QAM	1	74	18.63	18.64	18.50	19.70
15	16QAM	36	0	18.60	18.67	18.61	19.70
15	16QAM	36	20	18.58	18.59	18.53	19.70
15	16QAM	36	39	18.74	18.49	18.53	19.70
15	16QAM	75	0	18.65	18.62	18.60	19.70
15	64QAM	1	0	18.50	18.71	18.61	19.70
15	64QAM	1	37	18.56	18.63	18.64	19.70
15	64QAM	1	74	18.65	18.39	18.53	19.70
15	64QAM	36	0	18.59	18.67	18.57	19.70
15	64QAM	36	20	18.68	18.75	18.59	19.70
15	64QAM	36	39	18.60	18.55	18.58	19.70
15	64QAM	75	0	18.41	18.58	18.74	19.70
15	256QAM	1	0	18.57	18.56	18.41	19.70
15	256QAM	1	37	18.62	18.43	18.44	19.70
15	256QAM	1	74	18.61	18.53	18.64	19.70
15	256QAM	36	0	18.55	18.61	18.60	19.70
15	256QAM	36	20	18.60	18.41	18.57	19.70
15	256QAM	36	39	18.56	18.59	18.59	19.70
15	256QAM	75	0	18.50	18.50	18.62	19.70
Channel				42140	42590	43040	Tune-up limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	18.63	18.69	18.77	19.70
10	QPSK	1	25	18.61	18.56	18.66	19.70
10	QPSK	1	49	18.64	18.57	18.69	19.70
10	QPSK	25	0	18.55	18.73	18.57	19.70
10	QPSK	25	12	18.57	18.49	18.60	19.70



10	QPSK	25	25	18.44	18.55	18.65	19.70
10	QPSK	50	0	18.46	18.68	18.50	19.70
10	16QAM	1	0	18.55	18.73	18.59	19.70
10	16QAM	1	25	18.51	18.70	18.62	19.70
10	16QAM	1	49	18.59	18.67	18.57	19.70
10	16QAM	25	0	18.53	18.66	18.60	19.70
10	16QAM	25	12	18.66	18.57	18.50	19.70
10	16QAM	25	25	18.73	18.52	18.65	19.70
10	16QAM	50	0	18.66	18.58	18.56	19.70
10	64QAM	1	0	18.64	18.63	18.55	19.70
10	64QAM	1	25	18.52	18.65	18.60	19.70
10	64QAM	1	49	18.66	18.38	18.56	19.70
10	64QAM	25	0	18.56	18.63	18.53	19.70
10	64QAM	25	12	18.72	18.66	18.52	19.70
10	64QAM	25	25	18.62	18.48	18.63	19.70
10	64QAM	50	0	18.49	18.53	18.66	19.70
10	256QAM	1	0	18.64	18.60	18.47	19.70
10	256QAM	1	25	18.74	18.52	18.40	19.70
10	256QAM	1	49	18.68	18.63	18.67	19.70
10	256QAM	25	0	18.58	18.53	18.67	19.70
10	256QAM	25	12	18.63	18.52	18.59	19.70
10	256QAM	25	25	18.62	18.55	18.61	19.70
10	256QAM	50	0	18.49	18.61	18.60	19.70
Channel				42115	42590	43065	Tune-up limit
Frequency (MHz)				3452.5	3500	3547.5	(dBm)
5	QPSK	1	0	18.74	18.69	18.66	19.70
5	QPSK	1	12	18.57	18.63	18.61	19.70
5	QPSK	1	24	18.62	18.58	18.67	19.70
5	QPSK	12	0	18.66	18.73	18.57	19.70
5	QPSK	12	7	18.64	18.49	18.57	19.70
5	QPSK	12	13	18.48	18.55	18.66	19.70
5	QPSK	25	0	18.45	18.70	18.56	19.70
5	16QAM	1	0	18.61	18.71	18.53	19.70
5	16QAM	1	12	18.63	18.64	18.61	19.70
5	16QAM	1	24	18.56	18.57	18.60	19.70
5	16QAM	12	0	18.52	18.62	18.60	19.70
5	16QAM	12	7	18.64	18.67	18.55	19.70
5	16QAM	12	13	18.73	18.50	18.57	19.70
5	16QAM	25	0	18.71	18.62	18.60	19.70
5	64QAM	1	0	18.58	18.70	18.56	19.70
5	64QAM	1	12	18.44	18.70	18.60	19.70
5	64QAM	1	24	18.62	18.48	18.51	19.70
5	64QAM	12	0	18.57	18.72	18.61	19.70
5	64QAM	12	7	18.62	18.67	18.64	19.70
5	64QAM	12	13	18.71	18.51	18.61	19.70
5	64QAM	25	0	18.48	18.50	18.71	19.70
5	256QAM	1	0	18.55	18.62	18.50	19.70
5	256QAM	1	12	18.75	18.51	18.53	19.70
5	256QAM	1	24	18.56	18.56	18.72	19.70
5	256QAM	12	0	18.60	18.52	18.63	19.70
5	256QAM	12	7	18.57	18.49	18.50	19.70
5	256QAM	12	13	18.60	18.59	18.70	19.70
5	256QAM	25	0	18.53	18.51	18.56	19.70



【LTE Band 42 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant

6_DSI 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				42190	42590	42990	Tune-up limit (dBm)
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	13.21	13.24	13.19	14.10
20	QPSK	1	49	12.97	13.09	12.99	14.10
20	QPSK	1	99	13.03	13.02	13.00	14.10
20	QPSK	50	0	13.04	13.21	13.00	14.10
20	QPSK	50	24	12.94	13.12	13.02	14.10
20	QPSK	50	50	12.98	13.05	13.07	14.10
20	QPSK	100	0	13.05	13.05	12.98	14.10
20	16QAM	1	0	12.96	12.94	13.05	14.10
20	16QAM	1	49	12.99	12.88	12.99	14.10
20	16QAM	1	99	13.12	12.95	13.01	14.10
20	16QAM	50	0	12.91	13.08	12.96	14.10
20	16QAM	50	24	13.00	13.05	13.02	14.10
20	16QAM	50	50	12.99	12.91	13.08	14.10
20	16QAM	100	0	13.06	12.94	13.10	14.10
20	64QAM	1	0	12.98	12.96	12.97	14.10
20	64QAM	1	49	13.08	13.05	13.03	14.10
20	64QAM	1	99	12.93	13.02	13.07	14.10
20	64QAM	50	0	12.96	12.91	12.97	14.10
20	64QAM	50	24	12.89	13.11	13.01	14.10
20	64QAM	50	50	12.98	13.02	13.02	14.10
20	64QAM	100	0	13.06	13.11	12.94	14.10
20	256QAM	1	0	13.07	12.90	12.93	14.10
20	256QAM	1	49	13.03	12.96	12.92	14.10
20	256QAM	1	99	12.90	13.02	12.95	14.10
20	256QAM	50	0	12.94	13.03	12.99	14.10
20	256QAM	50	24	13.06	13.07	12.89	14.10
20	256QAM	50	50	13.02	12.96	13.05	14.10
20	256QAM	100	0	13.00	12.92	12.97	14.10
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	13.09	13.09	13.08	14.10
15	QPSK	1	37	12.91	13.04	12.85	14.10
15	QPSK	1	74	13.00	12.95	12.85	14.10
15	QPSK	36	0	12.94	13.17	12.87	14.10
15	QPSK	36	20	12.81	13.02	13.00	14.10
15	QPSK	36	39	12.97	12.91	12.95	14.10
15	QPSK	75	0	12.98	13.04	12.91	14.10
15	16QAM	1	0	12.86	12.81	12.91	14.10
15	16QAM	1	37	12.95	12.75	12.85	14.10
15	16QAM	1	74	13.01	12.86	12.92	14.10
15	16QAM	36	0	12.81	12.97	12.83	14.10
15	16QAM	36	20	12.94	12.93	12.94	14.10
15	16QAM	36	39	12.97	12.83	12.94	14.10
15	16QAM	75	0	13.04	12.83	12.97	14.10
15	64QAM	1	0	12.85	12.88	12.89	14.10
15	64QAM	1	37	13.01	12.92	12.90	14.10
15	64QAM	1	74	12.86	12.98	12.94	14.10
15	64QAM	36	0	12.95	12.79	12.91	14.10
15	64QAM	36	20	12.78	12.97	12.90	14.10
15	64QAM	36	39	12.84	12.99	12.90	14.10
15	64QAM	75	0	12.96	13.10	12.83	14.10
15	256QAM	1	0	13.01	12.83	12.79	14.10
15	256QAM	1	37	13.00	12.87	12.82	14.10
15	256QAM	1	74	12.75	13.00	12.82	14.10
15	256QAM	36	0	12.80	12.98	12.86	14.10
15	256QAM	36	20	12.95	12.96	12.75	14.10
15	256QAM	36	39	12.96	12.89	12.97	14.10
15	256QAM	75	0	12.92	12.79	12.90	14.10
Channel				42140	42590	43040	Tune-up limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	13.15	13.15	13.15	14.10
10	QPSK	1	25	12.94	13.07	12.92	14.10
10	QPSK	1	49	12.89	12.91	12.89	14.10
10	QPSK	25	0	12.97	13.09	12.97	14.10
10	QPSK	25	12	12.81	13.10	12.97	14.10



10	QPSK	25	25	12.89	12.94	12.98	14.10
10	QPSK	50	0	12.94	12.99	12.96	14.10
10	16QAM	1	0	12.86	12.81	12.97	14.10
10	16QAM	1	25	12.96	12.77	12.95	14.10
10	16QAM	1	49	13.05	12.82	12.91	14.10
10	16QAM	25	0	12.83	12.96	12.89	14.10
10	16QAM	25	12	12.94	12.93	12.98	14.10
10	16QAM	25	25	12.91	12.89	13.01	14.10
10	16QAM	50	0	12.97	12.91	13.01	14.10
10	64QAM	1	0	12.96	12.93	12.84	14.10
10	64QAM	1	25	12.99	13.03	12.96	14.10
10	64QAM	1	49	12.87	12.88	12.99	14.10
10	64QAM	25	0	12.91	12.77	12.93	14.10
10	64QAM	25	12	12.85	13.10	12.98	14.10
10	64QAM	25	25	12.92	12.99	12.93	14.10
10	64QAM	50	0	13.02	12.99	12.80	14.10
10	256QAM	1	0	13.03	12.83	12.79	14.10
10	256QAM	1	25	12.96	12.84	12.85	14.10
10	256QAM	1	49	12.83	12.87	12.85	14.10
10	256QAM	25	0	12.82	13.01	12.96	14.10
10	256QAM	25	12	12.95	12.92	12.82	14.10
10	256QAM	25	25	12.96	12.89	13.02	14.10
10	256QAM	50	0	12.96	12.84	12.91	14.10
Channel				42115	42590	43065	Tune-up limit
Frequency (MHz)				3452.5	3500	3547.5	(dBm)
5	QPSK	1	0	13.14	13.12	13.16	14.10
5	QPSK	1	12	12.88	12.96	12.96	14.10
5	QPSK	1	24	12.91	12.93	12.92	14.10
5	QPSK	12	0	12.97	13.07	12.98	14.10
5	QPSK	12	7	12.84	13.01	12.95	14.10
5	QPSK	12	13	12.83	13.00	12.99	14.10
5	QPSK	25	0	13.02	13.02	12.95	14.10
5	16QAM	1	0	12.83	12.81	12.93	14.10
5	16QAM	1	12	12.96	12.75	12.88	14.10
5	16QAM	1	24	13.07	12.86	12.98	14.10
5	16QAM	12	0	12.89	12.98	12.86	14.10
5	16QAM	12	7	12.98	12.91	12.98	14.10
5	16QAM	12	13	12.86	12.77	13.01	14.10
5	16QAM	25	0	12.95	12.88	12.97	14.10
5	64QAM	1	0	12.89	12.83	12.89	14.10
5	64QAM	1	12	12.96	12.95	12.95	14.10
5	64QAM	1	24	12.86	12.92	12.94	14.10
5	64QAM	12	0	12.88	12.84	12.91	14.10
5	64QAM	12	7	12.84	13.03	12.86	14.10
5	64QAM	12	13	12.85	12.94	12.96	14.10
5	64QAM	25	0	13.00	13.09	12.87	14.10
5	256QAM	1	0	12.96	12.85	12.82	14.10
5	256QAM	1	12	12.88	12.95	12.81	14.10
5	256QAM	1	24	12.88	12.93	12.93	14.10
5	256QAM	12	0	12.82	12.90	12.87	14.10
5	256QAM	12	7	12.91	13.03	12.78	14.10
5	256QAM	12	13	12.90	12.91	12.97	14.10
5	256QAM	25	0	12.86	12.90	12.88	14.10



【LTE Band 42 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant

7_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	Tune-up limit (dBm)
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	21.89	21.91	21.85	22.00
20	QPSK	1	49	21.75	21.89	21.73	22.00
20	QPSK	1	99	21.52	21.59	21.51	22.00
20	QPSK	50	0	20.73	20.85	20.72	21.00
20	QPSK	50	24	20.60	20.66	20.53	21.00
20	QPSK	50	50	20.55	20.72	20.59	21.00
20	QPSK	100	0	20.55	20.58	20.38	21.00
20	16QAM	1	0	20.54	20.69	20.61	21.00
20	16QAM	1	49	20.47	20.61	20.53	21.00
20	16QAM	1	99	20.51	20.61	20.53	21.00
20	16QAM	50	0	19.50	19.59	19.48	20.00
20	16QAM	50	24	19.66	19.70	19.51	20.00
20	16QAM	50	50	19.54	19.59	19.46	20.00
20	16QAM	100	0	19.46	19.60	19.50	20.00
20	64QAM	1	0	19.71	19.80	19.71	20.00
20	64QAM	1	49	19.68	19.72	19.59	20.00
20	64QAM	1	99	19.60	19.73	19.57	20.00
20	64QAM	50	0	18.67	18.77	18.57	19.00
20	64QAM	50	24	18.47	18.54	18.39	19.00
20	64QAM	50	50	18.72	18.75	18.59	19.00
20	64QAM	100	0	18.64	18.74	18.57	19.00
20	256QAM	1	0	16.40	16.50	16.38	17.00
20	256QAM	1	49	16.59	16.65	16.56	17.00
20	256QAM	1	99	16.33	16.42	16.33	17.00
20	256QAM	50	0	16.40	16.53	16.35	17.00
20	256QAM	50	24	16.40	16.44	16.27	17.00
20	256QAM	50	50	16.49	16.58	16.49	17.00
20	256QAM	100	0	16.50	16.53	16.39	17.00
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	21.69	21.73	21.74	22.00
15	QPSK	1	37	21.64	21.75	21.49	22.00
15	QPSK	1	74	21.36	21.52	21.45	22.00
15	QPSK	36	0	20.43	20.44	20.49	21.00
15	QPSK	36	20	20.38	20.64	20.60	21.00
15	QPSK	36	39	20.56	20.66	20.41	21.00
15	QPSK	75	0	20.43	20.44	20.28	21.00
15	16QAM	1	0	20.59	20.65	20.53	21.00
15	16QAM	1	37	20.45	20.55	20.47	21.00
15	16QAM	1	74	20.37	20.58	20.34	21.00
15	16QAM	36	0	19.42	19.46	19.47	20.00
15	16QAM	36	20	19.43	19.68	19.50	20.00
15	16QAM	36	39	19.39	19.50	19.53	20.00
15	16QAM	75	0	19.64	19.51	19.57	20.00
15	64QAM	1	0	19.55	19.70	19.64	20.00
15	64QAM	1	37	19.64	19.67	19.54	20.00
15	64QAM	1	74	19.67	19.69	19.64	20.00
15	64QAM	36	0	18.50	18.73	18.41	19.00
15	64QAM	36	20	18.39	18.48	18.48	19.00
15	64QAM	36	39	18.29	18.69	18.64	19.00
15	64QAM	75	0	18.40	18.62	18.44	19.00
15	256QAM	1	0	16.27	16.40	16.37	17.00
15	256QAM	1	37	16.31	16.61	16.15	17.00
15	256QAM	1	74	16.36	16.34	16.30	17.00
15	256QAM	36	0	16.45	16.38	16.43	17.00
15	256QAM	36	20	16.26	16.29	16.34	17.00
15	256QAM	36	39	16.44	16.50	16.59	17.00
15	256QAM	75	0	16.39	16.50	16.47	17.00
Channel				42140	42590	43040	Tune-up limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	21.71	21.64	21.79	22.00
10	QPSK	1	25	21.65	21.88	21.37	22.00
10	QPSK	1	49	21.37	21.55	21.37	22.00
10	QPSK	25	0	20.48	20.55	20.45	21.00
10	QPSK	25	12	20.43	20.52	20.62	21.00



FCC SAR Test Report

Report No. : FA572502

10	QPSK	25	25	20.46	20.66	20.41	21.00
10	QPSK	50	0	20.34	20.49	20.31	21.00
10	16QAM	1	0	20.52	20.54	20.49	21.00
10	16QAM	1	25	20.34	20.50	20.55	21.00
10	16QAM	1	49	20.37	20.55	20.29	21.00
10	16QAM	25	0	19.34	19.48	19.50	20.00
10	16QAM	25	12	19.32	19.61	19.53	20.00
10	16QAM	25	25	19.50	19.49	19.53	20.00
10	16QAM	50	0	19.64	19.48	19.49	20.00
10	64QAM	1	0	19.66	19.72	19.58	20.00
10	64QAM	1	25	19.56	19.67	19.55	20.00
10	64QAM	1	49	19.62	19.70	19.63	20.00
10	64QAM	25	0	18.51	18.64	18.48	19.00
10	64QAM	25	12	18.43	18.49	18.44	19.00
10	64QAM	25	25	18.33	18.72	18.69	19.00
10	64QAM	50	0	18.42	18.68	18.34	19.00
10	256QAM	1	0	16.27	16.38	16.30	17.00
10	256QAM	1	25	16.30	16.61	16.16	17.00
10	256QAM	1	49	16.37	16.35	16.30	17.00
10	256QAM	25	0	16.49	16.50	16.39	17.00
10	256QAM	25	12	16.24	16.37	16.33	17.00
10	256QAM	25	25	16.37	16.51	16.56	17.00
10	256QAM	50	0	16.33	16.45	16.46	17.00
Channel				42115	42590	43065	Tune-up limit
Frequency (MHz)				3452.5	3500	3547.5	(dBm)
5	QPSK	1	0	21.78	21.65	21.71	22.00
5	QPSK	1	12	21.58	21.87	21.46	22.00
5	QPSK	1	24	21.37	21.44	21.37	22.00
5	QPSK	12	0	20.40	20.47	20.51	21.00
5	QPSK	12	7	20.31	20.56	20.60	21.00
5	QPSK	12	13	20.49	20.60	20.32	21.00
5	QPSK	25	0	20.42	20.55	20.28	21.00
5	16QAM	1	0	20.54	20.61	20.52	21.00
5	16QAM	1	12	20.42	20.58	20.50	21.00
5	16QAM	1	24	20.36	20.52	20.30	21.00
5	16QAM	12	0	19.47	19.50	19.46	20.00
5	16QAM	12	7	19.38	19.66	19.52	20.00
5	16QAM	12	13	19.45	19.52	19.55	20.00
5	16QAM	25	0	19.63	19.47	19.55	20.00
5	64QAM	1	0	19.54	19.69	19.52	20.00
5	64QAM	1	12	19.62	19.57	19.57	20.00
5	64QAM	1	24	19.54	19.61	19.66	20.00
5	64QAM	12	0	18.50	18.71	18.36	19.00
5	64QAM	12	7	18.38	18.44	18.38	19.00
5	64QAM	12	13	18.34	18.60	18.58	19.00
5	64QAM	25	0	18.35	18.70	18.36	19.00
5	256QAM	1	0	16.32	16.40	16.29	17.00
5	256QAM	1	12	16.30	16.52	16.21	17.00
5	256QAM	1	24	16.40	16.32	16.29	17.00
5	256QAM	12	0	16.45	16.42	16.42	17.00
5	256QAM	12	7	16.34	16.36	16.35	17.00
5	256QAM	12	13	16.48	16.46	16.51	17.00
5	256QAM	25	0	16.28	16.44	16.54	17.00



【LTE Band 42 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant

7_DSI 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				42190	42590	42990	Tune-up limit (dBm)
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	21.89	21.91	21.85	22.00
20	QPSK	1	49	21.75	21.89	21.73	22.00
20	QPSK	1	99	21.52	21.59	21.51	22.00
20	QPSK	50	0	20.73	20.85	20.72	21.00
20	QPSK	50	24	20.60	20.66	20.53	21.00
20	QPSK	50	50	20.55	20.72	20.59	21.00
20	QPSK	100	0	20.55	20.58	20.38	21.00
20	16QAM	1	0	20.54	20.69	20.61	21.00
20	16QAM	1	49	20.47	20.61	20.53	21.00
20	16QAM	1	99	20.51	20.61	20.53	21.00
20	16QAM	50	0	19.50	19.59	19.48	20.00
20	16QAM	50	24	19.66	19.70	19.51	20.00
20	16QAM	50	50	19.54	19.59	19.46	20.00
20	16QAM	100	0	19.46	19.60	19.50	20.00
20	64QAM	1	0	19.71	19.80	19.71	20.00
20	64QAM	1	49	19.68	19.72	19.59	20.00
20	64QAM	1	99	19.60	19.73	19.57	20.00
20	64QAM	50	0	18.67	18.77	18.57	19.00
20	64QAM	50	24	18.47	18.54	18.39	19.00
20	64QAM	50	50	18.72	18.75	18.59	19.00
20	64QAM	100	0	18.64	18.74	18.57	19.00
20	256QAM	1	0	16.40	16.50	16.38	17.00
20	256QAM	1	49	16.59	16.65	16.56	17.00
20	256QAM	1	99	16.33	16.42	16.33	17.00
20	256QAM	50	0	16.40	16.53	16.35	17.00
20	256QAM	50	24	16.40	16.44	16.27	17.00
20	256QAM	50	50	16.49	16.58	16.49	17.00
20	256QAM	100	0	16.50	16.53	16.39	17.00
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	21.69	21.73	21.74	22.00
15	QPSK	1	37	21.64	21.75	21.49	22.00
15	QPSK	1	74	21.36	21.52	21.45	22.00
15	QPSK	36	0	20.43	20.44	20.49	21.00
15	QPSK	36	20	20.38	20.64	20.60	21.00
15	QPSK	36	39	20.56	20.66	20.41	21.00
15	QPSK	75	0	20.43	20.44	20.28	21.00
15	16QAM	1	0	20.59	20.65	20.53	21.00
15	16QAM	1	37	20.45	20.55	20.47	21.00
15	16QAM	1	74	20.37	20.58	20.34	21.00
15	16QAM	36	0	19.42	19.46	19.47	20.00
15	16QAM	36	20	19.43	19.68	19.50	20.00
15	16QAM	36	39	19.39	19.50	19.53	20.00
15	16QAM	75	0	19.64	19.51	19.57	20.00
15	64QAM	1	0	19.55	19.70	19.64	20.00
15	64QAM	1	37	19.64	19.67	19.54	20.00
15	64QAM	1	74	19.67	19.69	19.64	20.00
15	64QAM	36	0	18.50	18.73	18.41	19.00
15	64QAM	36	20	18.39	18.48	18.48	19.00
15	64QAM	36	39	18.29	18.69	18.64	19.00
15	64QAM	75	0	18.40	18.62	18.44	19.00
15	256QAM	1	0	16.27	16.40	16.37	17.00
15	256QAM	1	37	16.31	16.61	16.15	17.00
15	256QAM	1	74	16.36	16.34	16.30	17.00
15	256QAM	36	0	16.45	16.38	16.43	17.00
15	256QAM	36	20	16.26	16.29	16.34	17.00
15	256QAM	36	39	16.44	16.50	16.59	17.00
15	256QAM	75	0	16.39	16.50	16.47	17.00
Channel				42140	42590	43040	Tune-up limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	21.71	21.64	21.79	22.00
10	QPSK	1	25	21.65	21.88	21.37	22.00
10	QPSK	1	49	21.37	21.55	21.37	22.00
10	QPSK	25	0	20.48	20.55	20.45	21.00
10	QPSK	25	12	20.43	20.52	20.62	21.00



FCC SAR Test Report

Report No. : FA572502

10	QPSK	25	25	20.46	20.66	20.41	21.00
10	QPSK	50	0	20.34	20.49	20.31	21.00
10	16QAM	1	0	20.52	20.54	20.49	21.00
10	16QAM	1	25	20.34	20.50	20.55	21.00
10	16QAM	1	49	20.37	20.55	20.29	21.00
10	16QAM	25	0	19.34	19.48	19.50	20.00
10	16QAM	25	12	19.32	19.61	19.53	20.00
10	16QAM	25	25	19.50	19.49	19.53	20.00
10	16QAM	50	0	19.64	19.48	19.49	20.00
10	64QAM	1	0	19.66	19.72	19.58	20.00
10	64QAM	1	25	19.56	19.67	19.55	20.00
10	64QAM	1	49	19.62	19.70	19.63	20.00
10	64QAM	25	0	18.51	18.64	18.48	19.00
10	64QAM	25	12	18.43	18.49	18.44	19.00
10	64QAM	25	25	18.33	18.72	18.69	19.00
10	64QAM	50	0	18.42	18.68	18.34	19.00
10	256QAM	1	0	16.27	16.38	16.30	17.00
10	256QAM	1	25	16.30	16.61	16.16	17.00
10	256QAM	1	49	16.37	16.35	16.30	17.00
10	256QAM	25	0	16.49	16.50	16.39	17.00
10	256QAM	25	12	16.24	16.37	16.33	17.00
10	256QAM	25	25	16.37	16.51	16.56	17.00
10	256QAM	50	0	16.33	16.45	16.46	17.00
Channel				42115	42590	43065	Tune-up limit
Frequency (MHz)				3452.5	3500	3547.5	(dBm)
5	QPSK	1	0	21.78	21.65	21.71	22.00
5	QPSK	1	12	21.58	21.87	21.46	22.00
5	QPSK	1	24	21.37	21.44	21.37	22.00
5	QPSK	12	0	20.40	20.47	20.51	21.00
5	QPSK	12	7	20.31	20.56	20.60	21.00
5	QPSK	12	13	20.49	20.60	20.32	21.00
5	QPSK	25	0	20.42	20.55	20.28	21.00
5	16QAM	1	0	20.54	20.61	20.52	21.00
5	16QAM	1	12	20.42	20.58	20.50	21.00
5	16QAM	1	24	20.36	20.52	20.30	21.00
5	16QAM	12	0	19.47	19.50	19.46	20.00
5	16QAM	12	7	19.38	19.66	19.52	20.00
5	16QAM	12	13	19.45	19.52	19.55	20.00
5	16QAM	25	0	19.63	19.47	19.55	20.00
5	64QAM	1	0	19.54	19.69	19.52	20.00
5	64QAM	1	12	19.62	19.57	19.57	20.00
5	64QAM	1	24	19.54	19.61	19.66	20.00
5	64QAM	12	0	18.50	18.71	18.36	19.00
5	64QAM	12	7	18.38	18.44	18.38	19.00
5	64QAM	12	13	18.34	18.60	18.58	19.00
5	64QAM	25	0	18.35	18.70	18.36	19.00
5	256QAM	1	0	16.32	16.40	16.29	17.00
5	256QAM	1	12	16.30	16.52	16.21	17.00
5	256QAM	1	24	16.40	16.32	16.29	17.00
5	256QAM	12	0	16.45	16.42	16.42	17.00
5	256QAM	12	7	16.34	16.36	16.35	17.00
5	256QAM	12	13	16.48	16.46	16.51	17.00
5	256QAM	25	0	16.28	16.44	16.54	17.00



【LTE Band 42 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant

7_DSI 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				42190	42590	42990	Tune-up limit (dBm)
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	21.89	21.91	21.85	22.00
20	QPSK	1	49	21.75	21.89	21.73	22.00
20	QPSK	1	99	21.52	21.59	21.51	22.00
20	QPSK	50	0	20.73	20.85	20.72	21.00
20	QPSK	50	24	20.60	20.66	20.53	21.00
20	QPSK	50	50	20.55	20.72	20.59	21.00
20	QPSK	100	0	20.55	20.58	20.38	21.00
20	16QAM	1	0	20.54	20.69	20.61	21.00
20	16QAM	1	49	20.47	20.61	20.53	21.00
20	16QAM	1	99	20.51	20.61	20.53	21.00
20	16QAM	50	0	19.50	19.59	19.48	20.00
20	16QAM	50	24	19.66	19.70	19.51	20.00
20	16QAM	50	50	19.54	19.59	19.46	20.00
20	16QAM	100	0	19.46	19.60	19.50	20.00
20	64QAM	1	0	19.71	19.80	19.71	20.00
20	64QAM	1	49	19.68	19.72	19.59	20.00
20	64QAM	1	99	19.60	19.73	19.57	20.00
20	64QAM	50	0	18.67	18.77	18.57	19.00
20	64QAM	50	24	18.47	18.54	18.39	19.00
20	64QAM	50	50	18.72	18.75	18.59	19.00
20	64QAM	100	0	18.64	18.74	18.57	19.00
20	256QAM	1	0	16.40	16.50	16.38	17.00
20	256QAM	1	49	16.59	16.65	16.56	17.00
20	256QAM	1	99	16.33	16.42	16.33	17.00
20	256QAM	50	0	16.40	16.53	16.35	17.00
20	256QAM	50	24	16.40	16.44	16.27	17.00
20	256QAM	50	50	16.49	16.58	16.49	17.00
20	256QAM	100	0	16.50	16.53	16.39	17.00
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	21.69	21.73	21.74	22.00
15	QPSK	1	37	21.64	21.75	21.49	22.00
15	QPSK	1	74	21.36	21.52	21.45	22.00
15	QPSK	36	0	20.43	20.44	20.49	21.00
15	QPSK	36	20	20.38	20.64	20.60	21.00
15	QPSK	36	39	20.56	20.66	20.41	21.00
15	QPSK	75	0	20.43	20.44	20.28	21.00
15	16QAM	1	0	20.59	20.65	20.53	21.00
15	16QAM	1	37	20.45	20.55	20.47	21.00
15	16QAM	1	74	20.37	20.58	20.34	21.00
15	16QAM	36	0	19.42	19.46	19.47	20.00
15	16QAM	36	20	19.43	19.68	19.50	20.00
15	16QAM	36	39	19.39	19.50	19.53	20.00
15	16QAM	75	0	19.64	19.51	19.57	20.00
15	64QAM	1	0	19.55	19.70	19.64	20.00
15	64QAM	1	37	19.64	19.67	19.54	20.00
15	64QAM	1	74	19.67	19.69	19.64	20.00
15	64QAM	36	0	18.50	18.73	18.41	19.00
15	64QAM	36	20	18.39	18.48	18.48	19.00
15	64QAM	36	39	18.29	18.69	18.64	19.00
15	64QAM	75	0	18.40	18.62	18.44	19.00
15	256QAM	1	0	16.27	16.40	16.37	17.00
15	256QAM	1	37	16.31	16.61	16.15	17.00
15	256QAM	1	74	16.36	16.34	16.30	17.00
15	256QAM	36	0	16.45	16.38	16.43	17.00
15	256QAM	36	20	16.26	16.29	16.34	17.00
15	256QAM	36	39	16.44	16.50	16.59	17.00
15	256QAM	75	0	16.39	16.50	16.47	17.00
Channel				42140	42590	43040	Tune-up limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	21.71	21.64	21.79	22.00
10	QPSK	1	25	21.65	21.88	21.37	22.00
10	QPSK	1	49	21.37	21.55	21.37	22.00
10	QPSK	25	0	20.48	20.55	20.45	21.00
10	QPSK	25	12	20.43	20.52	20.62	21.00



FCC SAR Test Report

Report No. : FA572502

10	QPSK	25	25	20.46	20.66	20.41	21.00
10	QPSK	50	0	20.34	20.49	20.31	21.00
10	16QAM	1	0	20.52	20.54	20.49	21.00
10	16QAM	1	25	20.34	20.50	20.55	21.00
10	16QAM	1	49	20.37	20.55	20.29	21.00
10	16QAM	25	0	19.34	19.48	19.50	20.00
10	16QAM	25	12	19.32	19.61	19.53	20.00
10	16QAM	25	25	19.50	19.49	19.53	20.00
10	16QAM	50	0	19.64	19.48	19.49	20.00
10	64QAM	1	0	19.66	19.72	19.58	20.00
10	64QAM	1	25	19.56	19.67	19.55	20.00
10	64QAM	1	49	19.62	19.70	19.63	20.00
10	64QAM	25	0	18.51	18.64	18.48	19.00
10	64QAM	25	12	18.43	18.49	18.44	19.00
10	64QAM	25	25	18.33	18.72	18.69	19.00
10	64QAM	50	0	18.42	18.68	18.34	19.00
10	256QAM	1	0	16.27	16.38	16.30	17.00
10	256QAM	1	25	16.30	16.61	16.16	17.00
10	256QAM	1	49	16.37	16.35	16.30	17.00
10	256QAM	25	0	16.49	16.50	16.39	17.00
10	256QAM	25	12	16.24	16.37	16.33	17.00
10	256QAM	25	25	16.37	16.51	16.56	17.00
10	256QAM	50	0	16.33	16.45	16.46	17.00
Channel				42115	42590	43065	Tune-up limit
Frequency (MHz)				3452.5	3500	3547.5	(dBm)
5	QPSK	1	0	21.78	21.65	21.71	22.00
5	QPSK	1	12	21.58	21.87	21.46	22.00
5	QPSK	1	24	21.37	21.44	21.37	22.00
5	QPSK	12	0	20.40	20.47	20.51	21.00
5	QPSK	12	7	20.31	20.56	20.60	21.00
5	QPSK	12	13	20.49	20.60	20.32	21.00
5	QPSK	25	0	20.42	20.55	20.28	21.00
5	16QAM	1	0	20.54	20.61	20.52	21.00
5	16QAM	1	12	20.42	20.58	20.50	21.00
5	16QAM	1	24	20.36	20.52	20.30	21.00
5	16QAM	12	0	19.47	19.50	19.46	20.00
5	16QAM	12	7	19.38	19.66	19.52	20.00
5	16QAM	12	13	19.45	19.52	19.55	20.00
5	16QAM	25	0	19.63	19.47	19.55	20.00
5	64QAM	1	0	19.54	19.69	19.52	20.00
5	64QAM	1	12	19.62	19.57	19.57	20.00
5	64QAM	1	24	19.54	19.61	19.66	20.00
5	64QAM	12	0	18.50	18.71	18.36	19.00
5	64QAM	12	7	18.38	18.44	18.38	19.00
5	64QAM	12	13	18.34	18.60	18.58	19.00
5	64QAM	25	0	18.35	18.70	18.36	19.00
5	256QAM	1	0	16.32	16.40	16.29	17.00
5	256QAM	1	12	16.30	16.52	16.21	17.00
5	256QAM	1	24	16.40	16.32	16.29	17.00
5	256QAM	12	0	16.45	16.42	16.42	17.00
5	256QAM	12	7	16.34	16.36	16.35	17.00
5	256QAM	12	13	16.48	16.46	16.51	17.00
5	256QAM	25	0	16.28	16.44	16.54	17.00



【LTE Band 42 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant

7_DSI 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				42190	42590	42990	Tune-up limit (dBm)
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	21.89	21.91	21.85	22.00
20	QPSK	1	49	21.75	21.89	21.73	22.00
20	QPSK	1	99	21.52	21.59	21.51	22.00
20	QPSK	50	0	20.73	20.85	20.72	21.00
20	QPSK	50	24	20.60	20.66	20.53	21.00
20	QPSK	50	50	20.55	20.72	20.59	21.00
20	QPSK	100	0	20.55	20.58	20.38	21.00
20	16QAM	1	0	20.54	20.69	20.61	21.00
20	16QAM	1	49	20.47	20.61	20.53	21.00
20	16QAM	1	99	20.51	20.61	20.53	21.00
20	16QAM	50	0	19.50	19.59	19.48	20.00
20	16QAM	50	24	19.66	19.70	19.51	20.00
20	16QAM	50	50	19.54	19.59	19.46	20.00
20	16QAM	100	0	19.46	19.60	19.50	20.00
20	64QAM	1	0	19.71	19.80	19.71	20.00
20	64QAM	1	49	19.68	19.72	19.59	20.00
20	64QAM	1	99	19.60	19.73	19.57	20.00
20	64QAM	50	0	18.67	18.77	18.57	19.00
20	64QAM	50	24	18.47	18.54	18.39	19.00
20	64QAM	50	50	18.72	18.75	18.59	19.00
20	64QAM	100	0	18.64	18.74	18.57	19.00
20	256QAM	1	0	16.40	16.50	16.38	17.00
20	256QAM	1	49	16.59	16.65	16.56	17.00
20	256QAM	1	99	16.33	16.42	16.33	17.00
20	256QAM	50	0	16.40	16.53	16.35	17.00
20	256QAM	50	24	16.40	16.44	16.27	17.00
20	256QAM	50	50	16.49	16.58	16.49	17.00
20	256QAM	100	0	16.50	16.53	16.39	17.00
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	21.69	21.73	21.74	22.00
15	QPSK	1	37	21.64	21.75	21.49	22.00
15	QPSK	1	74	21.36	21.52	21.45	22.00
15	QPSK	36	0	20.43	20.44	20.49	21.00
15	QPSK	36	20	20.38	20.64	20.60	21.00
15	QPSK	36	39	20.56	20.66	20.41	21.00
15	QPSK	75	0	20.43	20.44	20.28	21.00
15	16QAM	1	0	20.59	20.65	20.53	21.00
15	16QAM	1	37	20.45	20.55	20.47	21.00
15	16QAM	1	74	20.37	20.58	20.34	21.00
15	16QAM	36	0	19.42	19.46	19.47	20.00
15	16QAM	36	20	19.43	19.68	19.50	20.00
15	16QAM	36	39	19.39	19.50	19.53	20.00
15	16QAM	75	0	19.64	19.51	19.57	20.00
15	64QAM	1	0	19.55	19.70	19.64	20.00
15	64QAM	1	37	19.64	19.67	19.54	20.00
15	64QAM	1	74	19.67	19.69	19.64	20.00
15	64QAM	36	0	18.50	18.73	18.41	19.00
15	64QAM	36	20	18.39	18.48	18.48	19.00
15	64QAM	36	39	18.29	18.69	18.64	19.00
15	64QAM	75	0	18.40	18.62	18.44	19.00
15	256QAM	1	0	16.27	16.40	16.37	17.00
15	256QAM	1	37	16.31	16.61	16.15	17.00
15	256QAM	1	74	16.36	16.34	16.30	17.00
15	256QAM	36	0	16.45	16.38	16.43	17.00
15	256QAM	36	20	16.26	16.29	16.34	17.00
15	256QAM	36	39	16.44	16.50	16.59	17.00
15	256QAM	75	0	16.39	16.50	16.47	17.00
Channel				42140	42590	43040	Tune-up limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	21.71	21.64	21.79	22.00
10	QPSK	1	25	21.65	21.88	21.37	22.00
10	QPSK	1	49	21.37	21.55	21.37	22.00
10	QPSK	25	0	20.48	20.55	20.45	21.00
10	QPSK	25	12	20.43	20.52	20.62	21.00



FCC SAR Test Report

Report No. : FA572502

10	QPSK	25	25	20.46	20.66	20.41	21.00
10	QPSK	50	0	20.34	20.49	20.31	21.00
10	16QAM	1	0	20.52	20.54	20.49	21.00
10	16QAM	1	25	20.34	20.50	20.55	21.00
10	16QAM	1	49	20.37	20.55	20.29	21.00
10	16QAM	25	0	19.34	19.48	19.50	20.00
10	16QAM	25	12	19.32	19.61	19.53	20.00
10	16QAM	25	25	19.50	19.49	19.53	20.00
10	16QAM	50	0	19.64	19.48	19.49	20.00
10	64QAM	1	0	19.66	19.72	19.58	20.00
10	64QAM	1	25	19.56	19.67	19.55	20.00
10	64QAM	1	49	19.62	19.70	19.63	20.00
10	64QAM	25	0	18.51	18.64	18.48	19.00
10	64QAM	25	12	18.43	18.49	18.44	19.00
10	64QAM	25	25	18.33	18.72	18.69	19.00
10	64QAM	50	0	18.42	18.68	18.34	19.00
10	256QAM	1	0	16.27	16.38	16.30	17.00
10	256QAM	1	25	16.30	16.61	16.16	17.00
10	256QAM	1	49	16.37	16.35	16.30	17.00
10	256QAM	25	0	16.49	16.50	16.39	17.00
10	256QAM	25	12	16.24	16.37	16.33	17.00
10	256QAM	25	25	16.37	16.51	16.56	17.00
10	256QAM	50	0	16.33	16.45	16.46	17.00
Channel				42115	42590	43065	Tune-up limit
Frequency (MHz)				3452.5	3500	3547.5	(dBm)
5	QPSK	1	0	21.78	21.65	21.71	22.00
5	QPSK	1	12	21.58	21.87	21.46	22.00
5	QPSK	1	24	21.37	21.44	21.37	22.00
5	QPSK	12	0	20.40	20.47	20.51	21.00
5	QPSK	12	7	20.31	20.56	20.60	21.00
5	QPSK	12	13	20.49	20.60	20.32	21.00
5	QPSK	25	0	20.42	20.55	20.28	21.00
5	16QAM	1	0	20.54	20.61	20.52	21.00
5	16QAM	1	12	20.42	20.58	20.50	21.00
5	16QAM	1	24	20.36	20.52	20.30	21.00
5	16QAM	12	0	19.47	19.50	19.46	20.00
5	16QAM	12	7	19.38	19.66	19.52	20.00
5	16QAM	12	13	19.45	19.52	19.55	20.00
5	16QAM	25	0	19.63	19.47	19.55	20.00
5	64QAM	1	0	19.54	19.69	19.52	20.00
5	64QAM	1	12	19.62	19.57	19.57	20.00
5	64QAM	1	24	19.54	19.61	19.66	20.00
5	64QAM	12	0	18.50	18.71	18.36	19.00
5	64QAM	12	7	18.38	18.44	18.38	19.00
5	64QAM	12	13	18.34	18.60	18.58	19.00
5	64QAM	25	0	18.35	18.70	18.36	19.00
5	256QAM	1	0	16.32	16.40	16.29	17.00
5	256QAM	1	12	16.30	16.52	16.21	17.00
5	256QAM	1	24	16.40	16.32	16.29	17.00
5	256QAM	12	0	16.45	16.42	16.42	17.00
5	256QAM	12	7	16.34	16.36	16.35	17.00
5	256QAM	12	13	16.48	16.46	16.51	17.00
5	256QAM	25	0	16.28	16.44	16.54	17.00



【LTE Band 42 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant

7_DSI 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				42190	42590	42990	Tune-up limit (dBm)
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	21.89	21.91	21.85	22.00
20	QPSK	1	49	21.75	21.89	21.73	22.00
20	QPSK	1	99	21.52	21.59	21.51	22.00
20	QPSK	50	0	20.73	20.85	20.72	21.00
20	QPSK	50	24	20.60	20.66	20.53	21.00
20	QPSK	50	50	20.55	20.72	20.59	21.00
20	QPSK	100	0	20.55	20.58	20.38	21.00
20	16QAM	1	0	20.54	20.69	20.61	21.00
20	16QAM	1	49	20.47	20.61	20.53	21.00
20	16QAM	1	99	20.51	20.61	20.53	21.00
20	16QAM	50	0	19.50	19.59	19.48	20.00
20	16QAM	50	24	19.66	19.70	19.51	20.00
20	16QAM	50	50	19.54	19.59	19.46	20.00
20	16QAM	100	0	19.46	19.60	19.50	20.00
20	64QAM	1	0	19.71	19.80	19.71	20.00
20	64QAM	1	49	19.68	19.72	19.59	20.00
20	64QAM	1	99	19.60	19.73	19.57	20.00
20	64QAM	50	0	18.67	18.77	18.57	19.00
20	64QAM	50	24	18.47	18.54	18.39	19.00
20	64QAM	50	50	18.72	18.75	18.59	19.00
20	64QAM	100	0	18.64	18.74	18.57	19.00
20	256QAM	1	0	16.40	16.50	16.38	17.00
20	256QAM	1	49	16.59	16.65	16.56	17.00
20	256QAM	1	99	16.33	16.42	16.33	17.00
20	256QAM	50	0	16.40	16.53	16.35	17.00
20	256QAM	50	24	16.40	16.44	16.27	17.00
20	256QAM	50	50	16.49	16.58	16.49	17.00
20	256QAM	100	0	16.50	16.53	16.39	17.00
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	21.69	21.73	21.74	22.00
15	QPSK	1	37	21.64	21.75	21.49	22.00
15	QPSK	1	74	21.36	21.52	21.45	22.00
15	QPSK	36	0	20.43	20.44	20.49	21.00
15	QPSK	36	20	20.38	20.64	20.60	21.00
15	QPSK	36	39	20.56	20.66	20.41	21.00
15	QPSK	75	0	20.43	20.44	20.28	21.00
15	16QAM	1	0	20.59	20.65	20.53	21.00
15	16QAM	1	37	20.45	20.55	20.47	21.00
15	16QAM	1	74	20.37	20.58	20.34	21.00
15	16QAM	36	0	19.42	19.46	19.47	20.00
15	16QAM	36	20	19.43	19.68	19.50	20.00
15	16QAM	36	39	19.39	19.50	19.53	20.00
15	16QAM	75	0	19.64	19.51	19.57	20.00
15	64QAM	1	0	19.55	19.70	19.64	20.00
15	64QAM	1	37	19.64	19.67	19.54	20.00
15	64QAM	1	74	19.67	19.69	19.64	20.00
15	64QAM	36	0	18.50	18.73	18.41	19.00
15	64QAM	36	20	18.39	18.48	18.48	19.00
15	64QAM	36	39	18.29	18.69	18.64	19.00
15	64QAM	75	0	18.40	18.62	18.44	19.00
15	256QAM	1	0	16.27	16.40	16.37	17.00
15	256QAM	1	37	16.31	16.61	16.15	17.00
15	256QAM	1	74	16.36	16.34	16.30	17.00
15	256QAM	36	0	16.45	16.38	16.43	17.00
15	256QAM	36	20	16.26	16.29	16.34	17.00
15	256QAM	36	39	16.44	16.50	16.59	17.00
15	256QAM	75	0	16.39	16.50	16.47	17.00
Channel				42140	42590	43040	Tune-up limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	21.71	21.64	21.79	22.00
10	QPSK	1	25	21.65	21.88	21.37	22.00
10	QPSK	1	49	21.37	21.55	21.37	22.00
10	QPSK	25	0	20.48	20.55	20.45	21.00
10	QPSK	25	12	20.43	20.52	20.62	21.00



FCC SAR Test Report

Report No. : FA572502

10	QPSK	25	25	20.46	20.66	20.41	21.00
10	QPSK	50	0	20.34	20.49	20.31	21.00
10	16QAM	1	0	20.52	20.54	20.49	21.00
10	16QAM	1	25	20.34	20.50	20.55	21.00
10	16QAM	1	49	20.37	20.55	20.29	21.00
10	16QAM	25	0	19.34	19.48	19.50	20.00
10	16QAM	25	12	19.32	19.61	19.53	20.00
10	16QAM	25	25	19.50	19.49	19.53	20.00
10	16QAM	50	0	19.64	19.48	19.49	20.00
10	64QAM	1	0	19.66	19.72	19.58	20.00
10	64QAM	1	25	19.56	19.67	19.55	20.00
10	64QAM	1	49	19.62	19.70	19.63	20.00
10	64QAM	25	0	18.51	18.64	18.48	19.00
10	64QAM	25	12	18.43	18.49	18.44	19.00
10	64QAM	25	25	18.33	18.72	18.69	19.00
10	64QAM	50	0	18.42	18.68	18.34	19.00
10	256QAM	1	0	16.27	16.38	16.30	17.00
10	256QAM	1	25	16.30	16.61	16.16	17.00
10	256QAM	1	49	16.37	16.35	16.30	17.00
10	256QAM	25	0	16.49	16.50	16.39	17.00
10	256QAM	25	12	16.24	16.37	16.33	17.00
10	256QAM	25	25	16.37	16.51	16.56	17.00
10	256QAM	50	0	16.33	16.45	16.46	17.00
Channel				42115	42590	43065	Tune-up limit
Frequency (MHz)				3452.5	3500	3547.5	(dBm)
5	QPSK	1	0	21.78	21.65	21.71	22.00
5	QPSK	1	12	21.58	21.87	21.46	22.00
5	QPSK	1	24	21.37	21.44	21.37	22.00
5	QPSK	12	0	20.40	20.47	20.51	21.00
5	QPSK	12	7	20.31	20.56	20.60	21.00
5	QPSK	12	13	20.49	20.60	20.32	21.00
5	QPSK	25	0	20.42	20.55	20.28	21.00
5	16QAM	1	0	20.54	20.61	20.52	21.00
5	16QAM	1	12	20.42	20.58	20.50	21.00
5	16QAM	1	24	20.36	20.52	20.30	21.00
5	16QAM	12	0	19.47	19.50	19.46	20.00
5	16QAM	12	7	19.38	19.66	19.52	20.00
5	16QAM	12	13	19.45	19.52	19.55	20.00
5	16QAM	25	0	19.63	19.47	19.55	20.00
5	64QAM	1	0	19.54	19.69	19.52	20.00
5	64QAM	1	12	19.62	19.57	19.57	20.00
5	64QAM	1	24	19.54	19.61	19.66	20.00
5	64QAM	12	0	18.50	18.71	18.36	19.00
5	64QAM	12	7	18.38	18.44	18.38	19.00
5	64QAM	12	13	18.34	18.60	18.58	19.00
5	64QAM	25	0	18.35	18.70	18.36	19.00
5	256QAM	1	0	16.32	16.40	16.29	17.00
5	256QAM	1	12	16.30	16.52	16.21	17.00
5	256QAM	1	24	16.40	16.32	16.29	17.00
5	256QAM	12	0	16.45	16.42	16.42	17.00
5	256QAM	12	7	16.34	16.36	16.35	17.00
5	256QAM	12	13	16.48	16.46	16.51	17.00
5	256QAM	25	0	16.28	16.44	16.54	17.00



【LTE Band 42 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant

7_DSI 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				42190	42590	42990	Tune-up limit (dBm)
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	21.89	21.91	21.85	22.00
20	QPSK	1	49	21.75	21.89	21.73	22.00
20	QPSK	1	99	21.52	21.59	21.51	22.00
20	QPSK	50	0	20.73	20.85	20.72	21.00
20	QPSK	50	24	20.60	20.66	20.53	21.00
20	QPSK	50	50	20.55	20.72	20.59	21.00
20	QPSK	100	0	20.55	20.58	20.38	21.00
20	16QAM	1	0	20.54	20.69	20.61	21.00
20	16QAM	1	49	20.47	20.61	20.53	21.00
20	16QAM	1	99	20.51	20.61	20.53	21.00
20	16QAM	50	0	19.50	19.59	19.48	20.00
20	16QAM	50	24	19.66	19.70	19.51	20.00
20	16QAM	50	50	19.54	19.59	19.46	20.00
20	16QAM	100	0	19.46	19.60	19.50	20.00
20	64QAM	1	0	19.71	19.80	19.71	20.00
20	64QAM	1	49	19.68	19.72	19.59	20.00
20	64QAM	1	99	19.60	19.73	19.57	20.00
20	64QAM	50	0	18.67	18.77	18.57	19.00
20	64QAM	50	24	18.47	18.54	18.39	19.00
20	64QAM	50	50	18.72	18.75	18.59	19.00
20	64QAM	100	0	18.64	18.74	18.57	19.00
20	256QAM	1	0	16.40	16.50	16.38	17.00
20	256QAM	1	49	16.59	16.65	16.56	17.00
20	256QAM	1	99	16.33	16.42	16.33	17.00
20	256QAM	50	0	16.40	16.53	16.35	17.00
20	256QAM	50	24	16.40	16.44	16.27	17.00
20	256QAM	50	50	16.49	16.58	16.49	17.00
20	256QAM	100	0	16.50	16.53	16.39	17.00
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	21.69	21.73	21.74	22.00
15	QPSK	1	37	21.64	21.75	21.49	22.00
15	QPSK	1	74	21.36	21.52	21.45	22.00
15	QPSK	36	0	20.43	20.44	20.49	21.00
15	QPSK	36	20	20.38	20.64	20.60	21.00
15	QPSK	36	39	20.56	20.66	20.41	21.00
15	QPSK	75	0	20.43	20.44	20.28	21.00
15	16QAM	1	0	20.59	20.65	20.53	21.00
15	16QAM	1	37	20.45	20.55	20.47	21.00
15	16QAM	1	74	20.37	20.58	20.34	21.00
15	16QAM	36	0	19.42	19.46	19.47	20.00
15	16QAM	36	20	19.43	19.68	19.50	20.00
15	16QAM	36	39	19.39	19.50	19.53	20.00
15	16QAM	75	0	19.64	19.51	19.57	20.00
15	64QAM	1	0	19.55	19.70	19.64	20.00
15	64QAM	1	37	19.64	19.67	19.54	20.00
15	64QAM	1	74	19.67	19.69	19.64	20.00
15	64QAM	36	0	18.50	18.73	18.41	19.00
15	64QAM	36	20	18.39	18.48	18.48	19.00
15	64QAM	36	39	18.29	18.69	18.64	19.00
15	64QAM	75	0	18.40	18.62	18.44	19.00
15	256QAM	1	0	16.27	16.40	16.37	17.00
15	256QAM	1	37	16.31	16.61	16.15	17.00
15	256QAM	1	74	16.36	16.34	16.30	17.00
15	256QAM	36	0	16.45	16.38	16.43	17.00
15	256QAM	36	20	16.26	16.29	16.34	17.00
15	256QAM	36	39	16.44	16.50	16.59	17.00
15	256QAM	75	0	16.39	16.50	16.47	17.00
Channel				42140	42590	43040	Tune-up limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	21.71	21.64	21.79	22.00
10	QPSK	1	25	21.65	21.88	21.37	22.00
10	QPSK	1	49	21.37	21.55	21.37	22.00
10	QPSK	25	0	20.48	20.55	20.45	21.00
10	QPSK	25	12	20.43	20.52	20.62	21.00



FCC SAR Test Report

Report No. : FA572502

10	QPSK	25	25	20.46	20.66	20.41	21.00
10	QPSK	50	0	20.34	20.49	20.31	21.00
10	16QAM	1	0	20.52	20.54	20.49	21.00
10	16QAM	1	25	20.34	20.50	20.55	21.00
10	16QAM	1	49	20.37	20.55	20.29	21.00
10	16QAM	25	0	19.34	19.48	19.50	20.00
10	16QAM	25	12	19.32	19.61	19.53	20.00
10	16QAM	25	25	19.50	19.49	19.53	20.00
10	16QAM	50	0	19.64	19.48	19.49	20.00
10	64QAM	1	0	19.66	19.72	19.58	20.00
10	64QAM	1	25	19.56	19.67	19.55	20.00
10	64QAM	1	49	19.62	19.70	19.63	20.00
10	64QAM	25	0	18.51	18.64	18.48	19.00
10	64QAM	25	12	18.43	18.49	18.44	19.00
10	64QAM	25	25	18.33	18.72	18.69	19.00
10	64QAM	50	0	18.42	18.68	18.34	19.00
10	256QAM	1	0	16.27	16.38	16.30	17.00
10	256QAM	1	25	16.30	16.61	16.16	17.00
10	256QAM	1	49	16.37	16.35	16.30	17.00
10	256QAM	25	0	16.49	16.50	16.39	17.00
10	256QAM	25	12	16.24	16.37	16.33	17.00
10	256QAM	25	25	16.37	16.51	16.56	17.00
10	256QAM	50	0	16.33	16.45	16.46	17.00
Channel				42115	42590	43065	Tune-up limit
Frequency (MHz)				3452.5	3500	3547.5	(dBm)
5	QPSK	1	0	21.78	21.65	21.71	22.00
5	QPSK	1	12	21.58	21.87	21.46	22.00
5	QPSK	1	24	21.37	21.44	21.37	22.00
5	QPSK	12	0	20.40	20.47	20.51	21.00
5	QPSK	12	7	20.31	20.56	20.60	21.00
5	QPSK	12	13	20.49	20.60	20.32	21.00
5	QPSK	25	0	20.42	20.55	20.28	21.00
5	16QAM	1	0	20.54	20.61	20.52	21.00
5	16QAM	1	12	20.42	20.58	20.50	21.00
5	16QAM	1	24	20.36	20.52	20.30	21.00
5	16QAM	12	0	19.47	19.50	19.46	20.00
5	16QAM	12	7	19.38	19.66	19.52	20.00
5	16QAM	12	13	19.45	19.52	19.55	20.00
5	16QAM	25	0	19.63	19.47	19.55	20.00
5	64QAM	1	0	19.54	19.69	19.52	20.00
5	64QAM	1	12	19.62	19.57	19.57	20.00
5	64QAM	1	24	19.54	19.61	19.66	20.00
5	64QAM	12	0	18.50	18.71	18.36	19.00
5	64QAM	12	7	18.38	18.44	18.38	19.00
5	64QAM	12	13	18.34	18.60	18.58	19.00
5	64QAM	25	0	18.35	18.70	18.36	19.00
5	256QAM	1	0	16.32	16.40	16.29	17.00
5	256QAM	1	12	16.30	16.52	16.21	17.00
5	256QAM	1	24	16.40	16.32	16.29	17.00
5	256QAM	12	0	16.45	16.42	16.42	17.00
5	256QAM	12	7	16.34	16.36	16.35	17.00
5	256QAM	12	13	16.48	16.46	16.51	17.00
5	256QAM	25	0	16.28	16.44	16.54	17.00



【LTE Band 66_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				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	23.06	23.15	23.09	24.00
20	QPSK	1	49	22.88	23.11	23.04	24.00
20	QPSK	1	99	22.84	22.99	22.86	24.00
20	QPSK	50	0	22.88	23.10	23.01	24.00
20	QPSK	50	24	22.95	23.08	22.96	24.00
20	QPSK	50	50	22.84	23.07	22.93	24.00
20	QPSK	100	0	22.83	22.97	22.79	24.00
20	16QAM	1	0	22.84	23.07	22.99	24.00
20	16QAM	1	49	22.97	23.08	22.93	24.00
20	16QAM	1	99	22.91	23.01	22.80	24.00
20	16QAM	50	0	22.39	22.58	22.42	23.00
20	16QAM	50	24	22.39	22.50	22.32	23.00
20	16QAM	50	50	22.49	22.64	22.47	23.00
20	16QAM	100	0	22.35	22.45	22.37	23.00
20	64QAM	1	0	22.65	22.77	22.64	23.00
20	64QAM	1	49	22.46	22.60	22.41	23.00
20	64QAM	1	99	22.35	22.59	22.49	23.00
20	64QAM	50	0	21.20	21.39	21.20	22.00
20	64QAM	50	24	21.21	21.36	21.19	22.00
20	64QAM	50	50	21.39	21.52	21.32	22.00
20	64QAM	100	0	21.28	21.42	21.27	22.00
20	256QAM	1	0	19.45	19.54	19.36	20.00
20	256QAM	1	49	19.45	19.64	19.45	20.00
20	256QAM	1	99	19.53	19.72	19.54	20.00
20	256QAM	50	0	19.39	19.60	19.41	20.00
20	256QAM	50	24	19.43	19.56	19.49	20.00
20	256QAM	50	50	19.32	19.47	19.34	20.00
20	256QAM	100	0	19.22	19.40	19.26	20.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.00	23.10	22.95	24.00
15	QPSK	1	37	22.79	23.06	22.97	24.00
15	QPSK	1	74	22.82	22.96	22.77	24.00
15	QPSK	36	0	22.81	23.07	22.93	24.00
15	QPSK	36	20	22.89	23.02	22.83	24.00
15	QPSK	36	39	22.70	23.03	22.90	24.00
15	QPSK	75	0	22.74	22.93	22.76	24.00
15	16QAM	1	0	22.77	23.02	22.95	24.00
15	16QAM	1	37	22.94	23.02	22.78	24.00
15	16QAM	1	74	22.88	22.90	22.68	24.00
15	16QAM	36	0	22.37	22.45	22.35	23.00
15	16QAM	36	20	22.24	22.46	22.22	23.00
15	16QAM	36	39	22.42	22.54	22.33	23.00
15	16QAM	75	0	22.32	22.38	22.24	23.00
15	64QAM	1	0	22.56	22.72	22.49	23.00
15	64QAM	1	37	22.40	22.47	22.36	23.00
15	64QAM	1	74	22.33	22.55	22.40	23.00
15	64QAM	36	0	21.09	21.31	21.09	22.00
15	64QAM	36	20	21.16	21.27	21.14	22.00
15	64QAM	36	39	21.25	21.47	21.21	22.00
15	64QAM	75	0	21.18	21.29	21.15	22.00
15	256QAM	1	0	19.36	19.48	19.30	20.00
15	256QAM	1	37	19.38	19.49	19.37	20.00
15	256QAM	1	74	19.43	19.63	19.51	20.00
15	256QAM	36	0	19.34	19.55	19.37	20.00
15	256QAM	36	20	19.30	19.46	19.36	20.00
15	256QAM	36	39	19.27	19.43	19.23	20.00
15	256QAM	75	0	19.18	19.33	19.17	20.00
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	23.02	23.09	23.07	24.00
10	QPSK	1	25	22.86	22.97	22.92	24.00
10	QPSK	1	49	22.76	22.96	22.72	24.00
10	QPSK	25	0	22.83	23.06	22.89	24.00
10	QPSK	25	12	22.94	22.98	22.88	24.00
10	QPSK	25	25	22.76	22.93	22.86	24.00
10	QPSK	50	0	22.73	22.95	22.66	24.00



FCC SAR Test Report

Report No. : FA572502

10	16QAM	1	0	22.79	23.04	22.85	24.00
10	16QAM	1	25	22.94	23.07	22.83	24.00
10	16QAM	1	49	22.85	22.94	22.76	24.00
10	16QAM	25	0	22.29	22.57	22.36	23.00
10	16QAM	25	12	22.37	22.43	22.29	23.00
10	16QAM	25	25	22.35	22.61	22.35	23.00
10	16QAM	50	0	22.32	22.43	22.24	23.00
10	64QAM	1	0	22.54	22.62	22.62	23.00
10	64QAM	1	25	22.38	22.55	22.38	23.00
10	64QAM	1	49	22.33	22.46	22.38	23.00
10	64QAM	25	0	21.07	21.25	21.16	22.00
10	64QAM	25	12	21.17	21.25	21.14	22.00
10	64QAM	25	25	21.30	21.46	21.31	22.00
10	64QAM	50	0	21.25	21.34	21.25	22.00
10	256QAM	1	0	19.41	19.53	19.26	20.00
10	256QAM	1	25	19.41	19.60	19.40	20.00
10	256QAM	1	49	19.40	19.58	19.46	20.00
10	256QAM	25	0	19.37	19.53	19.33	20.00
10	256QAM	25	12	19.31	19.53	19.48	20.00
10	256QAM	25	25	19.24	19.41	19.24	20.00
10	256QAM	50	0	19.16	19.35	19.13	20.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	22.93	23.12	23.03	24.00
5	QPSK	1	12	22.81	23.03	22.93	24.00
5	QPSK	1	24	22.71	22.86	22.74	24.00
5	QPSK	12	0	22.84	23.01	22.86	24.00
5	QPSK	12	7	22.90	22.96	22.92	24.00
5	QPSK	12	13	22.73	23.03	22.79	24.00
5	QPSK	25	0	22.76	22.89	22.72	24.00
5	16QAM	1	0	22.74	22.96	22.90	24.00
5	16QAM	1	12	22.85	23.06	22.80	24.00
5	16QAM	1	24	22.85	22.89	22.66	24.00
5	16QAM	12	0	22.35	22.50	22.35	23.00
5	16QAM	12	7	22.31	22.41	22.26	23.00
5	16QAM	12	13	22.39	22.61	22.34	23.00
5	16QAM	25	0	22.34	22.34	22.36	23.00
5	64QAM	1	0	22.57	22.73	22.51	23.00
5	64QAM	1	12	22.34	22.49	22.26	23.00
5	64QAM	1	24	22.21	22.46	22.42	23.00
5	64QAM	12	0	21.11	21.31	21.15	22.00
5	64QAM	12	7	21.13	21.30	21.18	22.00
5	64QAM	12	13	21.33	21.42	21.20	22.00
5	64QAM	25	0	21.24	21.33	21.25	22.00
5	256QAM	1	0	19.40	19.41	19.30	20.00
5	256QAM	1	12	19.35	19.60	19.31	20.00
5	256QAM	1	24	19.49	19.60	19.49	20.00
5	256QAM	12	0	19.27	19.53	19.34	20.00
5	256QAM	12	7	19.30	19.53	19.37	20.00
5	256QAM	12	13	19.21	19.41	19.32	20.00
5	256QAM	25	0	19.21	19.25	19.16	20.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	22.93	23.03	23.02	24.00
3	QPSK	1	8	22.80	23.08	22.92	24.00
3	QPSK	1	14	22.69	22.86	22.76	24.00
3	QPSK	8	0	22.76	23.07	22.95	24.00
3	QPSK	8	4	22.93	22.98	22.94	24.00
3	QPSK	8	7	22.75	23.00	22.80	24.00
3	QPSK	15	0	22.68	22.83	22.72	24.00
3	16QAM	1	0	22.81	22.94	22.94	24.00
3	16QAM	1	8	22.90	23.06	22.89	24.00
3	16QAM	1	14	22.80	22.98	22.72	24.00
3	16QAM	8	0	22.34	22.48	22.31	23.00
3	16QAM	8	4	22.30	22.47	22.27	23.00
3	16QAM	8	7	22.43	22.59	22.45	23.00
3	16QAM	15	0	22.25	22.36	22.29	23.00
3	64QAM	1	0	22.51	22.72	22.57	23.00
3	64QAM	1	8	22.35	22.56	22.39	23.00
3	64QAM	1	14	22.32	22.45	22.47	23.00
3	64QAM	8	0	21.06	21.26	21.06	22.00
3	64QAM	8	4	21.12	21.34	21.16	22.00
3	64QAM	8	7	21.31	21.45	21.26	22.00
3	64QAM	15	0	21.19	21.36	21.20	22.00



3	256QAM	1	0	19.39	19.45	19.22	20.00
3	256QAM	1	8	19.39	19.50	19.35	20.00
3	256QAM	1	14	19.45	19.60	19.51	20.00
3	256QAM	8	0	19.25	19.52	19.28	20.00
3	256QAM	8	4	19.40	19.42	19.37	20.00
3	256QAM	8	7	19.21	19.44	19.24	20.00
3	256QAM	15	0	19.17	19.29	19.25	20.00
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	22.97	23.06	23.07	24.00
1.4	QPSK	1	3	22.74	23.09	23.00	24.00
1.4	QPSK	1	5	22.79	22.85	22.77	24.00
1.4	QPSK	3	0	22.81	23.02	22.89	24.00
1.4	QPSK	3	1	22.89	22.99	22.91	24.00
1.4	QPSK	3	3	22.72	23.05	22.86	24.00
1.4	QPSK	6	0	22.78	22.94	22.65	24.00
1.4	16QAM	1	0	22.72	23.00	22.95	24.00
1.4	16QAM	1	3	22.93	23.00	22.86	24.00
1.4	16QAM	1	5	22.87	22.91	22.71	24.00
1.4	16QAM	3	0	22.31	22.50	22.36	23.00
1.4	16QAM	3	1	22.30	22.38	22.25	23.00
1.4	16QAM	3	3	22.40	22.57	22.41	23.00
1.4	16QAM	6	0	22.23	22.32	22.28	23.00
1.4	64QAM	1	0	22.59	22.67	22.57	23.00
1.4	64QAM	1	3	22.34	22.59	22.30	23.00
1.4	64QAM	1	5	22.33	22.49	22.40	23.00
1.4	64QAM	3	0	21.12	21.26	21.05	22.00
1.4	64QAM	3	1	21.12	21.28	21.06	22.00
1.4	64QAM	3	3	21.25	21.39	21.22	22.00
1.4	64QAM	6	0	21.15	21.31	21.12	22.00
1.4	256QAM	1	0	19.31	19.51	19.26	20.00
1.4	256QAM	1	3	19.30	19.58	19.38	20.00
1.4	256QAM	1	5	19.45	19.58	19.46	20.00
1.4	256QAM	3	0	19.26	19.50	19.35	20.00
1.4	256QAM	3	1	19.33	19.47	19.38	20.00
1.4	256QAM	3	3	19.29	19.45	19.27	20.00
1.4	256QAM	6	0	19.17	19.33	19.17	20.00

【LTE Band 66_Ant 4_DSI 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				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	17.99	18.03	17.95	18.70
20	QPSK	1	49	17.83	17.96	17.84	18.70
20	QPSK	1	99	17.84	17.92	17.79	18.70
20	QPSK	50	0	17.90	17.98	17.87	18.70
20	QPSK	50	24	17.76	17.89	17.73	18.70
20	QPSK	50	50	17.69	17.87	17.65	18.70
20	QPSK	100	0	17.81	17.95	17.73	18.70
20	16QAM	1	0	17.87	17.96	17.86	18.70
20	16QAM	1	49	17.87	17.93	17.83	18.70
20	16QAM	1	99	17.84	17.94	17.83	18.70
20	16QAM	50	0	17.77	17.92	17.82	18.70
20	16QAM	50	24	17.89	17.95	17.83	18.70
20	16QAM	50	50	17.80	17.96	17.82	18.70
20	16QAM	100	0	17.75	17.92	17.81	18.70
20	64QAM	1	0	17.85	17.94	17.71	18.70
20	64QAM	1	49	17.80	17.93	17.72	18.70
20	64QAM	1	99	17.83	17.91	17.80	18.70
20	64QAM	50	0	17.79	17.92	17.74	18.70
20	64QAM	50	24	17.72	17.86	17.74	18.70
20	64QAM	50	50	17.74	17.87	17.73	18.70
20	64QAM	100	0	17.74	17.82	17.60	18.70
20	256QAM	1	0	17.72	17.85	17.67	18.70
20	256QAM	1	49	17.82	17.89	17.72	18.70
20	256QAM	1	99	17.74	17.82	17.61	18.70
20	256QAM	50	0	17.75	17.83	17.67	18.70
20	256QAM	50	24	17.69	17.85	17.73	18.70



FCC SAR Test Report

Report No. : FA572502

20	256QAM	50	50	17.66	17.81	17.66	18.70
20	256QAM	100	0	17.69	17.82	17.62	18.70
Channel				132047	132322	132597	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	QPSK	1	0	17.93	18.02	17.90	18.70
15	QPSK	1	37	17.77	17.91	17.72	18.70
15	QPSK	1	74	17.80	17.83	17.68	18.70
15	QPSK	36	0	17.88	17.88	17.83	18.70
15	QPSK	36	20	17.64	17.76	17.59	18.70
15	QPSK	36	39	17.61	17.81	17.51	18.70
15	QPSK	75	0	17.79	17.93	17.68	18.70
15	16QAM	1	0	17.84	17.94	17.78	18.70
15	16QAM	1	37	17.84	17.89	17.81	18.70
15	16QAM	1	74	17.74	17.82	17.72	18.70
15	16QAM	36	0	17.71	17.82	17.71	18.70
15	16QAM	36	20	17.83	17.93	17.71	18.70
15	16QAM	36	39	17.75	17.94	17.81	18.70
15	16QAM	75	0	17.61	17.84	17.71	18.70
15	64QAM	1	0	17.73	17.89	17.69	18.70
15	64QAM	1	37	17.78	17.86	17.67	18.70
15	64QAM	1	74	17.78	17.89	17.67	18.70
15	64QAM	36	0	17.67	17.86	17.62	18.70
15	64QAM	36	20	17.66	17.80	17.62	18.70
15	64QAM	36	39	17.61	17.74	17.63	18.70
15	64QAM	75	0	17.71	17.77	17.47	18.70
15	256QAM	1	0	17.71	17.76	17.62	18.70
15	256QAM	1	37	17.67	17.81	17.64	18.70
15	256QAM	1	74	17.59	17.74	17.47	18.70
15	256QAM	36	0	17.65	17.79	17.55	18.70
15	256QAM	36	20	17.62	17.78	17.68	18.70
15	256QAM	36	39	17.64	17.69	17.63	18.70
15	256QAM	75	0	17.65	17.75	17.58	18.70
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	17.95	17.91	17.89	18.70
10	QPSK	1	25	17.78	17.92	17.82	18.70
10	QPSK	1	49	17.72	17.79	17.65	18.70
10	QPSK	25	0	17.85	17.95	17.86	18.70
10	QPSK	25	12	17.73	17.87	17.59	18.70
10	QPSK	25	25	17.63	17.75	17.54	18.70
10	QPSK	50	0	17.70	17.91	17.66	18.70
10	16QAM	1	0	17.77	17.83	17.83	18.70
10	16QAM	1	25	17.86	17.81	17.70	18.70
10	16QAM	1	49	17.78	17.86	17.70	18.70
10	16QAM	25	0	17.69	17.77	17.76	18.70
10	16QAM	25	12	17.77	17.82	17.81	18.70
10	16QAM	25	25	17.77	17.93	17.70	18.70
10	16QAM	50	0	17.71	17.82	17.74	18.70
10	64QAM	1	0	17.78	17.88	17.59	18.70
10	64QAM	1	25	17.67	17.80	17.65	18.70
10	64QAM	1	49	17.74	17.86	17.66	18.70
10	64QAM	25	0	17.77	17.88	17.61	18.70
10	64QAM	25	12	17.69	17.80	17.70	18.70
10	64QAM	25	25	17.65	17.84	17.60	18.70
10	64QAM	50	0	17.62	17.71	17.48	18.70
10	256QAM	1	0	17.62	17.72	17.63	18.70
10	256QAM	1	25	17.79	17.79	17.61	18.70
10	256QAM	1	49	17.63	17.74	17.52	18.70
10	256QAM	25	0	17.68	17.74	17.64	18.70
10	256QAM	25	12	17.68	17.79	17.58	18.70
10	256QAM	25	25	17.58	17.76	17.53	18.70
10	256QAM	50	0	17.62	17.72	17.54	18.70
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	17.88	17.96	17.86	18.70
5	QPSK	1	12	17.77	17.92	17.79	18.70
5	QPSK	1	24	17.72	17.85	17.72	18.70
5	QPSK	12	0	17.79	17.94	17.73	18.70
5	QPSK	12	7	17.64	17.87	17.66	18.70
5	QPSK	12	13	17.57	17.84	17.60	18.70
5	QPSK	25	0	17.77	17.86	17.60	18.70
5	16QAM	1	0	17.77	17.95	17.84	18.70
5	16QAM	1	12	17.82	17.82	17.79	18.70
5	16QAM	1	24	17.77	17.88	17.77	18.70



FCC SAR Test Report

Report No. : FA572502

5	16QAM	12	0	17.65	17.90	17.79	18.70
5	16QAM	12	7	17.81	17.84	17.69	18.70
5	16QAM	12	13	17.66	17.93	17.70	18.70
5	16QAM	25	0	17.67	17.86	17.79	18.70
5	64QAM	1	0	17.74	17.92	17.67	18.70
5	64QAM	1	12	17.76	17.83	17.69	18.70
5	64QAM	1	24	17.78	17.87	17.73	18.70
5	64QAM	12	0	17.64	17.89	17.61	18.70
5	64QAM	12	7	17.58	17.82	17.61	18.70
5	64QAM	12	13	17.69	17.84	17.72	18.70
5	64QAM	25	0	17.66	17.78	17.54	18.70
5	256QAM	1	0	17.63	17.72	17.61	18.70
5	256QAM	1	12	17.77	17.87	17.58	18.70
5	256QAM	1	24	17.66	17.79	17.46	18.70
5	256QAM	12	0	17.69	17.78	17.65	18.70
5	256QAM	12	7	17.64	17.71	17.68	18.70
5	256QAM	12	13	17.56	17.69	17.56	18.70
5	256QAM	25	0	17.64	17.74	17.57	18.70
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	17.95	17.99	17.94	18.70
3	QPSK	1	8	17.78	17.85	17.74	18.70
3	QPSK	1	14	17.81	17.85	17.73	18.70
3	QPSK	8	0	17.78	17.83	17.78	18.70
3	QPSK	8	4	17.65	17.85	17.65	18.70
3	QPSK	8	7	17.61	17.82	17.55	18.70
3	QPSK	15	0	17.72	17.86	17.58	18.70
3	16QAM	1	0	17.83	17.94	17.74	18.70
3	16QAM	1	8	17.80	17.78	17.74	18.70
3	16QAM	1	14	17.73	17.87	17.75	18.70
3	16QAM	8	0	17.65	17.79	17.73	18.70
3	16QAM	8	4	17.79	17.83	17.79	18.70
3	16QAM	8	7	17.67	17.93	17.71	18.70
3	16QAM	15	0	17.62	17.88	17.69	18.70
3	64QAM	1	0	17.74	17.85	17.57	18.70
3	64QAM	1	8	17.78	17.86	17.64	18.70
3	64QAM	1	14	17.70	17.76	17.66	18.70
3	64QAM	8	0	17.68	17.79	17.61	18.70
3	64QAM	8	4	17.68	17.72	17.62	18.70
3	64QAM	8	7	17.70	17.83	17.68	18.70
3	64QAM	15	0	17.72	17.81	17.49	18.70
3	256QAM	1	0	17.60	17.76	17.60	18.70
3	256QAM	1	8	17.75	17.87	17.68	18.70
3	256QAM	1	14	17.66	17.72	17.59	18.70
3	256QAM	8	0	17.63	17.70	17.58	18.70
3	256QAM	8	4	17.57	17.80	17.60	18.70
3	256QAM	8	7	17.59	17.75	17.53	18.70
3	256QAM	15	0	17.68	17.79	17.59	18.70
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	17.89	17.95	17.84	18.70
1.4	QPSK	1	3	17.78	17.83	17.76	18.70
1.4	QPSK	1	5	17.69	17.90	17.67	18.70
1.4	QPSK	3	0	17.76	17.87	17.81	18.70
1.4	QPSK	3	1	17.66	17.84	17.64	18.70
1.4	QPSK	3	3	17.54	17.77	17.57	18.70
1.4	QPSK	6	0	17.75	17.86	17.60	18.70
1.4	16QAM	1	0	17.76	17.82	17.72	18.70
1.4	16QAM	1	3	17.79	17.89	17.77	18.70
1.4	16QAM	1	5	17.77	17.85	17.78	18.70
1.4	16QAM	3	0	17.70	17.82	17.79	18.70
1.4	16QAM	3	1	17.80	17.89	17.76	18.70
1.4	16QAM	3	3	17.69	17.95	17.78	18.70
1.4	16QAM	6	0	17.61	17.82	17.71	18.70
1.4	64QAM	1	0	17.80	17.89	17.67	18.70
1.4	64QAM	1	3	17.70	17.85	17.70	18.70
1.4	64QAM	1	5	17.68	17.87	17.74	18.70
1.4	64QAM	3	0	17.74	17.79	17.62	18.70
1.4	64QAM	3	1	17.64	17.74	17.62	18.70
1.4	64QAM	3	3	17.72	17.83	17.62	18.70
1.4	64QAM	6	0	17.59	17.78	17.47	18.70
1.4	256QAM	1	0	17.57	17.71	17.66	18.70
1.4	256QAM	1	3	17.67	17.76	17.63	18.70
1.4	256QAM	1	5	17.65	17.79	17.57	18.70



1.4	256QAM	3	0	17.65	17.72	17.63	18.70
1.4	256QAM	3	1	17.62	17.78	17.59	18.70
1.4	256QAM	3	3	17.63	17.77	17.59	18.70
1.4	256QAM	6	0	17.67	17.77	17.50	18.70

【LTE Band 66_Ant 4_DSI 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				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	19.31	19.46	19.35	20.50
20	QPSK	1	49	19.20	19.34	19.06	20.50
20	QPSK	1	99	19.38	19.25	19.16	20.50
20	QPSK	50	0	19.41	19.43	19.09	20.50
20	QPSK	50	24	19.41	19.24	19.20	20.50
20	QPSK	50	50	19.25	19.35	19.20	20.50
20	QPSK	100	0	19.20	19.41	19.18	20.50
20	16QAM	1	0	19.28	19.31	19.04	20.50
20	16QAM	1	49	19.26	19.38	19.19	20.50
20	16QAM	1	99	19.22	19.29	19.05	20.50
20	16QAM	50	0	19.24	19.24	19.18	20.50
20	16QAM	50	24	19.28	19.37	19.03	20.50
20	16QAM	50	50	19.25	19.29	19.04	20.50
20	16QAM	100	0	19.28	19.40	19.18	20.50
20	64QAM	1	0	19.31	19.24	19.03	20.50
20	64QAM	1	49	19.31	19.29	19.02	20.50
20	64QAM	1	99	19.35	19.40	19.13	20.50
20	64QAM	50	0	19.41	19.31	19.20	20.50
20	64QAM	50	24	19.40	19.28	19.00	20.50
20	64QAM	50	50	19.24	19.25	19.21	20.50
20	64QAM	100	0	19.18	19.30	19.02	20.50
20	256QAM	1	0	18.88	18.90	18.73	20.00
20	256QAM	1	49	18.75	18.86	18.67	20.00
20	256QAM	1	99	18.95	18.86	18.53	20.00
20	256QAM	50	0	18.76	18.96	18.63	20.00
20	256QAM	50	24	18.94	18.96	18.56	20.00
20	256QAM	50	50	18.95	18.84	18.55	20.00
20	256QAM	100	0	18.74	18.91	18.72	20.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	19.20	19.40	19.30	20.50
15	QPSK	1	37	19.18	19.30	18.91	20.50
15	QPSK	1	74	19.25	19.17	19.12	20.50
15	QPSK	36	0	19.38	19.32	19.01	20.50
15	QPSK	36	20	19.30	19.19	19.16	20.50
15	QPSK	36	39	19.12	19.24	19.07	20.50
15	QPSK	75	0	19.14	19.32	19.05	20.50
15	16QAM	1	0	19.16	19.17	18.93	20.50
15	16QAM	1	37	19.15	19.26	19.08	20.50
15	16QAM	1	74	19.09	19.26	19.00	20.50
15	16QAM	36	0	19.15	19.20	19.03	20.50
15	16QAM	36	20	19.18	19.28	18.89	20.50
15	16QAM	36	39	19.17	19.26	18.92	20.50
15	16QAM	75	0	19.14	19.37	19.13	20.50
15	64QAM	1	0	19.30	19.20	18.89	20.50
15	64QAM	1	37	19.28	19.26	18.99	20.50
15	64QAM	1	74	19.21	19.38	19.01	20.50
15	64QAM	36	0	19.27	19.19	19.10	20.50
15	64QAM	36	20	19.37	19.20	18.92	20.50
15	64QAM	36	39	19.16	19.21	19.19	20.50
15	64QAM	75	0	19.05	19.25	19.00	20.50
15	256QAM	1	0	18.76	18.79	18.65	20.00
15	256QAM	1	37	18.69	18.80	18.55	20.00
15	256QAM	1	74	18.91	18.81	18.45	20.00
15	256QAM	36	0	18.64	18.83	18.49	20.00
15	256QAM	36	20	18.92	18.93	18.51	20.00
15	256QAM	36	39	18.93	18.81	18.50	20.00
15	256QAM	75	0	18.70	18.89	18.58	20.00
Channel				132022	132322	132622	Tune-up limit



FCC SAR Test Report

Report No. : FA572502

Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	19.25	19.41	19.21	20.50
10	QPSK	1	25	19.10	19.24	19.03	20.50
10	QPSK	1	49	19.33	19.19	19.05	20.50
10	QPSK	25	0	19.30	19.31	19.00	20.50
10	QPSK	25	12	19.36	19.11	19.10	20.50
10	QPSK	25	25	19.11	19.27	19.10	20.50
10	QPSK	50	0	19.07	19.33	19.14	20.50
10	16QAM	1	0	19.20	19.21	18.93	20.50
10	16QAM	1	25	19.18	19.26	19.12	20.50
10	16QAM	1	49	19.16	19.18	18.92	20.50
10	16QAM	25	0	19.09	19.20	19.13	20.50
10	16QAM	25	12	19.17	19.29	19.02	20.50
10	16QAM	25	25	19.23	19.24	18.93	20.50
10	16QAM	50	0	19.22	19.27	19.06	20.50
10	64QAM	1	0	19.25	19.17	18.99	20.50
10	64QAM	1	25	19.26	19.24	18.90	20.50
10	64QAM	1	49	19.23	19.37	18.99	20.50
10	64QAM	25	0	19.27	19.26	19.07	20.50
10	64QAM	25	12	19.26	19.26	18.91	20.50
10	64QAM	25	25	19.21	19.12	19.17	20.50
10	64QAM	50	0	19.16	19.18	18.97	20.50
10	256QAM	1	0	18.84	18.87	18.60	20.00
10	256QAM	1	25	18.70	18.85	18.59	20.00
10	256QAM	1	49	18.93	18.79	18.41	20.00
10	256QAM	25	0	18.65	18.89	18.56	20.00
10	256QAM	25	12	18.90	18.89	18.54	20.00
10	256QAM	25	25	18.88	18.80	18.52	20.00
10	256QAM	50	0	18.69	18.76	18.68	20.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	19.28	19.44	19.25	20.50
5	QPSK	1	12	19.07	19.25	18.99	20.50
5	QPSK	1	24	19.36	19.23	19.09	20.50
5	QPSK	12	0	19.27	19.31	19.05	20.50
5	QPSK	12	7	19.29	19.10	19.07	20.50
5	QPSK	12	13	19.15	19.27	19.16	20.50
5	QPSK	25	0	19.19	19.30	19.12	20.50
5	16QAM	1	0	19.15	19.17	18.96	20.50
5	16QAM	1	12	19.20	19.24	19.04	20.50
5	16QAM	1	24	19.19	19.28	19.03	20.50
5	16QAM	12	0	19.11	19.12	19.10	20.50
5	16QAM	12	7	19.25	19.27	18.98	20.50
5	16QAM	12	13	19.20	19.22	18.99	20.50
5	16QAM	25	0	19.16	19.34	19.06	20.50
5	64QAM	1	0	19.21	19.16	18.90	20.50
5	64QAM	1	12	19.25	19.23	18.98	20.50
5	64QAM	1	24	19.20	19.26	19.11	20.50
5	64QAM	12	0	19.26	19.25	19.13	20.50
5	64QAM	12	7	19.31	19.22	18.97	20.50
5	64QAM	12	13	19.21	19.18	19.09	20.50
5	64QAM	25	0	19.15	19.23	18.91	20.50
5	256QAM	1	0	18.82	18.83	18.60	20.00
5	256QAM	1	12	18.68	18.73	18.59	20.00
5	256QAM	1	24	18.81	18.77	18.41	20.00
5	256QAM	12	0	18.71	18.90	18.50	20.00
5	256QAM	12	7	18.89	18.82	18.42	20.00
5	256QAM	12	13	18.83	18.83	18.50	20.00
5	256QAM	25	0	18.65	18.85	18.62	20.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	19.28	19.31	19.31	20.50
3	QPSK	1	8	19.11	19.25	18.92	20.50
3	QPSK	1	14	19.36	19.18	19.10	20.50
3	QPSK	8	0	19.35	19.31	19.04	20.50
3	QPSK	8	4	19.38	19.13	19.14	20.50
3	QPSK	8	7	19.14	19.21	19.16	20.50
3	QPSK	15	0	19.07	19.33	19.10	20.50
3	16QAM	1	0	19.14	19.17	19.02	20.50
3	16QAM	1	8	19.21	19.33	19.12	20.50
3	16QAM	1	14	19.20	19.20	18.94	20.50
3	16QAM	8	0	19.19	19.15	19.04	20.50
3	16QAM	8	4	19.26	19.35	18.94	20.50
3	16QAM	8	7	19.10	19.27	18.91	20.50



3	16QAM	15	0	19.20	19.34	19.09	20.50
3	64QAM	1	0	19.30	19.17	18.92	20.50
3	64QAM	1	8	19.22	19.21	18.91	20.50
3	64QAM	1	14	19.24	19.31	19.10	20.50
3	64QAM	8	0	19.27	19.16	19.07	20.50
3	64QAM	8	4	19.36	19.13	18.96	20.50
3	64QAM	8	7	19.17	19.11	19.19	20.50
3	64QAM	15	0	19.04	19.20	18.92	20.50
3	256QAM	1	0	18.82	18.78	18.68	20.00
3	256QAM	1	8	18.69	18.74	18.66	20.00
3	256QAM	1	14	18.82	18.78	18.51	20.00
3	256QAM	8	0	18.66	18.83	18.50	20.00
3	256QAM	8	4	18.82	18.82	18.53	20.00
3	256QAM	8	7	18.93	18.70	18.53	20.00
3	256QAM	15	0	18.70	18.82	18.58	20.00
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	19.21	19.31	19.26	20.50
1.4	QPSK	1	3	19.09	19.31	18.94	20.50
1.4	QPSK	1	5	19.33	19.12	19.12	20.50
1.4	QPSK	3	0	19.29	19.29	19.04	20.50
1.4	QPSK	3	1	19.30	19.16	19.15	20.50
1.4	QPSK	3	3	19.12	19.23	19.17	20.50
1.4	QPSK	6	0	19.14	19.28	19.15	20.50
1.4	16QAM	1	0	19.22	19.28	18.90	20.50
1.4	16QAM	1	3	19.17	19.23	19.13	20.50
1.4	16QAM	1	5	19.11	19.19	18.99	20.50
1.4	16QAM	3	0	19.20	19.16	19.12	20.50
1.4	16QAM	3	1	19.23	19.30	18.96	20.50
1.4	16QAM	3	3	19.22	19.26	18.94	20.50
1.4	16QAM	6	0	19.26	19.25	19.04	20.50
1.4	64QAM	1	0	19.22	19.20	18.96	20.50
1.4	64QAM	1	3	19.16	19.16	18.91	20.50
1.4	64QAM	1	5	19.30	19.39	19.08	20.50
1.4	64QAM	3	0	19.39	19.21	19.10	20.50
1.4	64QAM	3	1	19.39	19.14	18.90	20.50
1.4	64QAM	3	3	19.20	19.10	19.08	20.50
1.4	64QAM	6	0	19.08	19.27	18.88	20.50
1.4	256QAM	1	0	18.83	18.87	18.61	20.00
1.4	256QAM	1	3	18.66	18.84	18.65	20.00
1.4	256QAM	1	5	18.87	18.76	18.40	20.00
1.4	256QAM	3	0	18.71	18.91	18.55	20.00
1.4	256QAM	3	1	18.87	18.86	18.44	20.00
1.4	256QAM	3	3	18.91	18.83	18.49	20.00
1.4	256QAM	6	0	18.61	18.85	18.60	20.00

【LTE Band 66_Ant 4_DSI 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				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	23.06	23.15	23.09	24.00
20	QPSK	1	49	22.88	23.11	23.04	24.00
20	QPSK	1	99	22.84	22.99	22.86	24.00
20	QPSK	50	0	22.88	23.10	23.01	24.00
20	QPSK	50	24	22.95	23.08	22.96	24.00
20	QPSK	50	50	22.84	23.07	22.93	24.00
20	QPSK	100	0	22.83	22.97	22.79	24.00
20	16QAM	1	0	22.84	23.07	22.99	24.00
20	16QAM	1	49	22.97	23.08	22.93	24.00
20	16QAM	1	99	22.91	23.01	22.80	24.00
20	16QAM	50	0	22.39	22.58	22.42	23.00
20	16QAM	50	24	22.39	22.50	22.32	23.00
20	16QAM	50	50	22.49	22.64	22.47	23.00
20	16QAM	100	0	22.35	22.45	22.37	23.00
20	64QAM	1	0	22.65	22.77	22.64	23.00
20	64QAM	1	49	22.46	22.60	22.41	23.00
20	64QAM	1	99	22.35	22.59	22.49	23.00
20	64QAM	50	0	21.20	21.39	21.20	22.00



FCC SAR Test Report

Report No. : FA572502

20	64QAM	50	24	21.21	21.36	21.19	22.00
20	64QAM	50	50	21.39	21.52	21.32	22.00
20	64QAM	100	0	21.28	21.42	21.27	22.00
20	256QAM	1	0	19.45	19.54	19.36	20.00
20	256QAM	1	49	19.45	19.64	19.45	20.00
20	256QAM	1	99	19.53	19.72	19.54	20.00
20	256QAM	50	0	19.39	19.60	19.41	20.00
20	256QAM	50	24	19.43	19.56	19.49	20.00
20	256QAM	50	50	19.32	19.47	19.34	20.00
20	256QAM	100	0	19.22	19.40	19.26	20.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.00	23.10	22.95	24.00
15	QPSK	1	37	22.79	23.06	22.97	24.00
15	QPSK	1	74	22.82	22.96	22.77	24.00
15	QPSK	36	0	22.81	23.07	22.93	24.00
15	QPSK	36	20	22.89	23.02	22.83	24.00
15	QPSK	36	39	22.70	23.03	22.90	24.00
15	QPSK	75	0	22.74	22.93	22.76	24.00
15	16QAM	1	0	22.77	23.02	22.95	24.00
15	16QAM	1	37	22.94	23.02	22.78	24.00
15	16QAM	1	74	22.88	22.90	22.68	24.00
15	16QAM	36	0	22.37	22.45	22.35	23.00
15	16QAM	36	20	22.24	22.46	22.22	23.00
15	16QAM	36	39	22.42	22.54	22.33	23.00
15	16QAM	75	0	22.32	22.38	22.24	23.00
15	64QAM	1	0	22.56	22.72	22.49	23.00
15	64QAM	1	37	22.40	22.47	22.36	23.00
15	64QAM	1	74	22.33	22.55	22.40	23.00
15	64QAM	36	0	21.09	21.31	21.09	22.00
15	64QAM	36	20	21.16	21.27	21.14	22.00
15	64QAM	36	39	21.25	21.47	21.21	22.00
15	64QAM	75	0	21.18	21.29	21.15	22.00
15	256QAM	1	0	19.36	19.48	19.30	20.00
15	256QAM	1	37	19.38	19.49	19.37	20.00
15	256QAM	1	74	19.43	19.63	19.51	20.00
15	256QAM	36	0	19.34	19.55	19.37	20.00
15	256QAM	36	20	19.30	19.46	19.36	20.00
15	256QAM	36	39	19.27	19.43	19.23	20.00
15	256QAM	75	0	19.18	19.33	19.17	20.00
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	23.02	23.09	23.07	24.00
10	QPSK	1	25	22.86	22.97	22.92	24.00
10	QPSK	1	49	22.76	22.96	22.72	24.00
10	QPSK	25	0	22.83	23.06	22.89	24.00
10	QPSK	25	12	22.94	22.98	22.88	24.00
10	QPSK	25	25	22.76	22.93	22.86	24.00
10	QPSK	50	0	22.73	22.95	22.66	24.00
10	16QAM	1	0	22.79	23.04	22.85	24.00
10	16QAM	1	25	22.94	23.07	22.83	24.00
10	16QAM	1	49	22.85	22.94	22.76	24.00
10	16QAM	25	0	22.29	22.57	22.36	23.00
10	16QAM	25	12	22.37	22.43	22.29	23.00
10	16QAM	25	25	22.35	22.61	22.35	23.00
10	16QAM	50	0	22.32	22.43	22.24	23.00
10	64QAM	1	0	22.54	22.62	22.62	23.00
10	64QAM	1	25	22.38	22.55	22.38	23.00
10	64QAM	1	49	22.33	22.46	22.38	23.00
10	64QAM	25	0	21.07	21.25	21.16	22.00
10	64QAM	25	12	21.17	21.25	21.14	22.00
10	64QAM	25	25	21.30	21.46	21.31	22.00
10	64QAM	50	0	21.25	21.34	21.25	22.00
10	256QAM	1	0	19.41	19.53	19.26	20.00
10	256QAM	1	25	19.41	19.60	19.40	20.00
10	256QAM	1	49	19.40	19.58	19.46	20.00
10	256QAM	25	0	19.37	19.53	19.33	20.00
10	256QAM	25	12	19.31	19.53	19.48	20.00
10	256QAM	25	25	19.24	19.41	19.24	20.00
10	256QAM	50	0	19.16	19.35	19.13	20.00
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	22.93	23.12	23.03	24.00
5	QPSK	1	12	22.81	23.03	22.93	24.00



FCC SAR Test Report

Report No. : FA572502

5	QPSK	1	24	22.71	22.86	22.74	24.00
5	QPSK	12	0	22.84	23.01	22.86	24.00
5	QPSK	12	7	22.90	22.96	22.92	24.00
5	QPSK	12	13	22.73	23.03	22.79	24.00
5	QPSK	25	0	22.76	22.89	22.72	24.00
5	16QAM	1	0	22.74	22.96	22.90	24.00
5	16QAM	1	12	22.85	23.06	22.80	24.00
5	16QAM	1	24	22.85	22.89	22.66	24.00
5	16QAM	12	0	22.35	22.50	22.35	23.00
5	16QAM	12	7	22.31	22.41	22.26	23.00
5	16QAM	12	13	22.39	22.61	22.34	23.00
5	16QAM	25	0	22.34	22.34	22.36	23.00
5	64QAM	1	0	22.57	22.73	22.51	23.00
5	64QAM	1	12	22.34	22.49	22.26	23.00
5	64QAM	1	24	22.21	22.46	22.42	23.00
5	64QAM	12	0	21.11	21.31	21.15	22.00
5	64QAM	12	7	21.13	21.30	21.18	22.00
5	64QAM	12	13	21.33	21.42	21.20	22.00
5	64QAM	25	0	21.24	21.33	21.25	22.00
5	256QAM	1	0	19.40	19.41	19.30	20.00
5	256QAM	1	12	19.35	19.60	19.31	20.00
5	256QAM	1	24	19.49	19.60	19.49	20.00
5	256QAM	12	0	19.27	19.53	19.34	20.00
5	256QAM	12	7	19.30	19.53	19.37	20.00
5	256QAM	12	13	19.21	19.41	19.32	20.00
5	256QAM	25	0	19.21	19.25	19.16	20.00
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	22.93	23.03	23.02	24.00
3	QPSK	1	8	22.80	23.08	22.92	24.00
3	QPSK	1	14	22.69	22.86	22.76	24.00
3	QPSK	8	0	22.76	23.07	22.95	24.00
3	QPSK	8	4	22.93	22.98	22.94	24.00
3	QPSK	8	7	22.75	23.00	22.80	24.00
3	QPSK	15	0	22.68	22.83	22.72	24.00
3	16QAM	1	0	22.81	22.94	22.94	24.00
3	16QAM	1	8	22.90	23.06	22.89	24.00
3	16QAM	1	14	22.80	22.98	22.72	24.00
3	16QAM	8	0	22.34	22.48	22.31	23.00
3	16QAM	8	4	22.30	22.47	22.27	23.00
3	16QAM	8	7	22.43	22.59	22.45	23.00
3	16QAM	15	0	22.25	22.36	22.29	23.00
3	64QAM	1	0	22.51	22.72	22.57	23.00
3	64QAM	1	8	22.35	22.56	22.39	23.00
3	64QAM	1	14	22.32	22.45	22.47	23.00
3	64QAM	8	0	21.06	21.26	21.06	22.00
3	64QAM	8	4	21.12	21.34	21.16	22.00
3	64QAM	8	7	21.31	21.45	21.26	22.00
3	64QAM	15	0	21.19	21.36	21.20	22.00
3	256QAM	1	0	19.39	19.45	19.22	20.00
3	256QAM	1	8	19.39	19.50	19.35	20.00
3	256QAM	1	14	19.45	19.60	19.51	20.00
3	256QAM	8	0	19.25	19.52	19.28	20.00
3	256QAM	8	4	19.40	19.42	19.37	20.00
3	256QAM	8	7	19.21	19.44	19.24	20.00
3	256QAM	15	0	19.17	19.29	19.25	20.00
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	22.97	23.06	23.07	24.00
1.4	QPSK	1	3	22.74	23.09	23.00	24.00
1.4	QPSK	1	5	22.79	22.85	22.77	24.00
1.4	QPSK	3	0	22.81	23.02	22.89	24.00
1.4	QPSK	3	1	22.89	22.99	22.91	24.00
1.4	QPSK	3	3	22.72	23.05	22.86	24.00
1.4	QPSK	6	0	22.78	22.94	22.65	24.00
1.4	16QAM	1	0	22.72	23.00	22.95	24.00
1.4	16QAM	1	3	22.93	23.00	22.86	24.00
1.4	16QAM	1	5	22.87	22.91	22.71	24.00
1.4	16QAM	3	0	22.31	22.50	22.36	23.00
1.4	16QAM	3	1	22.30	22.38	22.25	23.00
1.4	16QAM	3	3	22.40	22.57	22.41	23.00
1.4	16QAM	6	0	22.23	22.32	22.28	23.00
1.4	64QAM	1	0	22.59	22.67	22.57	23.00
1.4	64QAM	1	3	22.34	22.59	22.30	23.00



1.4	64QAM	1	5	22.33	22.49	22.40	23.00
1.4	64QAM	3	0	21.12	21.26	21.05	22.00
1.4	64QAM	3	1	21.12	21.28	21.06	22.00
1.4	64QAM	3	3	21.25	21.39	21.22	22.00
1.4	64QAM	6	0	21.15	21.31	21.12	22.00
1.4	256QAM	1	0	19.31	19.51	19.26	20.00
1.4	256QAM	1	3	19.30	19.58	19.38	20.00
1.4	256QAM	1	5	19.45	19.58	19.46	20.00
1.4	256QAM	3	0	19.26	19.50	19.35	20.00
1.4	256QAM	3	1	19.33	19.47	19.38	20.00
1.4	256QAM	3	3	19.29	19.45	19.27	20.00
1.4	256QAM	6	0	19.17	19.33	19.17	20.00

【LTE Band 66_Ant 4_DSI 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				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	19.93	19.95	19.89	20.90
20	QPSK	1	49	19.77	19.91	19.78	20.90
20	QPSK	1	99	19.82	19.88	19.67	20.90
20	QPSK	50	0	19.86	19.90	19.74	20.90
20	QPSK	50	24	19.70	19.83	19.75	20.90
20	QPSK	50	50	19.71	19.87	19.75	20.90
20	QPSK	100	0	19.76	19.83	19.72	20.90
20	16QAM	1	0	19.65	19.79	19.71	20.90
20	16QAM	1	49	19.79	19.85	19.71	20.90
20	16QAM	1	99	19.80	19.86	19.75	20.90
20	16QAM	50	0	19.71	19.75	19.67	20.90
20	16QAM	50	24	19.66	19.77	19.65	20.90
20	16QAM	50	50	19.65	19.81	19.61	20.90
20	16QAM	100	0	19.77	19.83	19.75	20.90
20	64QAM	1	0	19.73	19.85	19.75	20.90
20	64QAM	1	49	19.71	19.88	19.68	20.90
20	64QAM	1	99	19.65	19.80	19.70	20.90
20	64QAM	50	0	19.76	19.82	19.62	20.90
20	64QAM	50	24	19.65	19.75	19.62	20.90
20	64QAM	50	50	19.77	19.86	19.75	20.90
20	64QAM	100	0	19.72	19.81	19.71	20.90
20	256QAM	1	0	18.99	19.05	18.97	20.00
20	256QAM	1	49	18.87	19.01	18.80	20.00
20	256QAM	1	99	18.82	18.98	18.81	20.00
20	256QAM	50	0	18.84	18.91	18.74	20.00
20	256QAM	50	24	18.83	18.95	18.83	20.00
20	256QAM	50	50	18.89	18.96	18.89	20.00
20	256QAM	100	0	18.80	18.93	18.82	20.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	19.84	19.92	19.84	20.90
15	QPSK	1	37	19.75	19.82	19.72	20.90
15	QPSK	1	74	19.80	19.77	19.55	20.90
15	QPSK	36	0	19.80	19.77	19.60	20.90
15	QPSK	36	20	19.58	19.80	19.65	20.90
15	QPSK	36	39	19.61	19.73	19.61	20.90
15	QPSK	75	0	19.74	19.71	19.66	20.90
15	16QAM	1	0	19.53	19.73	19.64	20.90
15	16QAM	1	37	19.75	19.79	19.59	20.90
15	16QAM	1	74	19.79	19.73	19.64	20.90
15	16QAM	36	0	19.69	19.63	19.60	20.90
15	16QAM	36	20	19.64	19.64	19.51	20.90
15	16QAM	36	39	19.57	19.68	19.58	20.90
15	16QAM	75	0	19.74	19.69	19.74	20.90
15	64QAM	1	0	19.66	19.80	19.63	20.90
15	64QAM	1	37	19.69	19.81	19.64	20.90
15	64QAM	1	74	19.56	19.73	19.61	20.90
15	64QAM	36	0	19.70	19.80	19.53	20.90
15	64QAM	36	20	19.50	19.71	19.54	20.90
15	64QAM	36	39	19.71	19.74	19.61	20.90
15	64QAM	75	0	19.70	19.78	19.62	20.90



FCC SAR Test Report

Report No. : FA572502

15	256QAM	1	0	18.90	19.00	18.83	20.00
15	256QAM	1	37	18.82	18.95	18.71	20.00
15	256QAM	1	74	18.73	18.90	18.66	20.00
15	256QAM	36	0	18.71	18.90	18.59	20.00
15	256QAM	36	20	18.79	18.87	18.77	20.00
15	256QAM	36	39	18.85	18.89	18.74	20.00
15	256QAM	75	0	18.79	18.86	18.74	20.00
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	19.83	19.90	19.87	20.90
10	QPSK	1	25	19.63	19.89	19.70	20.90
10	QPSK	1	49	19.79	19.82	19.60	20.90
10	QPSK	25	0	19.73	19.79	19.61	20.90
10	QPSK	25	12	19.56	19.73	19.70	20.90
10	QPSK	25	25	19.60	19.79	19.62	20.90
10	QPSK	50	0	19.63	19.81	19.67	20.90
10	16QAM	1	0	19.55	19.70	19.69	20.90
10	16QAM	1	25	19.67	19.81	19.68	20.90
10	16QAM	1	49	19.78	19.84	19.61	20.90
10	16QAM	25	0	19.63	19.70	19.66	20.90
10	16QAM	25	12	19.53	19.76	19.50	20.90
10	16QAM	25	25	19.55	19.69	19.56	20.90
10	16QAM	50	0	19.69	19.78	19.61	20.90
10	64QAM	1	0	19.59	19.74	19.72	20.90
10	64QAM	1	25	19.60	19.74	19.63	20.90
10	64QAM	1	49	19.53	19.75	19.69	20.90
10	64QAM	25	0	19.66	19.70	19.53	20.90
10	64QAM	25	12	19.60	19.67	19.56	20.90
10	64QAM	25	25	19.69	19.83	19.71	20.90
10	64QAM	50	0	19.58	19.74	19.56	20.90
10	256QAM	1	0	18.93	19.01	18.91	20.00
10	256QAM	1	25	18.85	18.92	18.71	20.00
10	256QAM	1	49	18.70	18.84	18.73	20.00
10	256QAM	25	0	18.74	18.76	18.64	20.00
10	256QAM	25	12	18.72	18.86	18.79	20.00
10	256QAM	25	25	18.77	18.93	18.86	20.00
10	256QAM	50	0	18.66	18.79	18.81	20.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	19.79	19.84	19.88	20.90
5	QPSK	1	12	19.71	19.86	19.70	20.90
5	QPSK	1	24	19.77	19.80	19.59	20.90
5	QPSK	12	0	19.77	19.82	19.71	20.90
5	QPSK	12	7	19.56	19.78	19.73	20.90
5	QPSK	12	13	19.65	19.86	19.69	20.90
5	QPSK	25	0	19.67	19.72	19.66	20.90
5	16QAM	1	0	19.56	19.73	19.60	20.90
5	16QAM	1	12	19.73	19.83	19.66	20.90
5	16QAM	1	24	19.67	19.71	19.67	20.90
5	16QAM	12	0	19.65	19.62	19.52	20.90
5	16QAM	12	7	19.54	19.66	19.55	20.90
5	16QAM	12	13	19.59	19.70	19.51	20.90
5	16QAM	25	0	19.74	19.68	19.67	20.90
5	64QAM	1	0	19.61	19.71	19.67	20.90
5	64QAM	1	12	19.61	19.78	19.64	20.90
5	64QAM	1	24	19.60	19.71	19.63	20.90
5	64QAM	12	0	19.65	19.80	19.50	20.90
5	64QAM	12	7	19.54	19.62	19.57	20.90
5	64QAM	12	13	19.73	19.80	19.63	20.90
5	64QAM	25	0	19.63	19.70	19.70	20.90
5	256QAM	1	0	18.84	19.00	18.91	20.00
5	256QAM	1	12	18.72	18.86	18.68	20.00
5	256QAM	1	24	18.80	18.85	18.72	20.00
5	256QAM	12	0	18.77	18.86	18.65	20.00
5	256QAM	12	7	18.70	18.84	18.73	20.00
5	256QAM	12	13	18.85	18.93	18.78	20.00
5	256QAM	25	0	18.75	18.85	18.75	20.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	19.87	19.92	19.83	20.90
3	QPSK	1	8	19.75	19.88	19.75	20.90
3	QPSK	1	14	19.72	19.76	19.58	20.90
3	QPSK	8	0	19.84	19.84	19.69	20.90
3	QPSK	8	4	19.63	19.71	19.67	20.90



3	QPSK	8	7	19.60	19.81	19.63	20.90
3	QPSK	15	0	19.67	19.73	19.60	20.90
3	16QAM	1	0	19.53	19.77	19.62	20.90
3	16QAM	1	8	19.65	19.72	19.70	20.90
3	16QAM	1	14	19.73	19.71	19.65	20.90
3	16QAM	8	0	19.56	19.72	19.59	20.90
3	16QAM	8	4	19.61	19.63	19.63	20.90
3	16QAM	8	7	19.52	19.67	19.48	20.90
3	16QAM	15	0	19.73	19.75	19.68	20.90
3	64QAM	1	0	19.65	19.79	19.71	20.90
3	64QAM	1	8	19.58	19.82	19.57	20.90
3	64QAM	1	14	19.55	19.72	19.69	20.90
3	64QAM	8	0	19.70	19.69	19.57	20.90
3	64QAM	8	4	19.62	19.68	19.56	20.90
3	64QAM	8	7	19.73	19.77	19.63	20.90
3	64QAM	15	0	19.58	19.69	19.61	20.90
3	256QAM	1	0	18.86	18.98	18.84	20.00
3	256QAM	1	8	18.84	18.96	18.67	20.00
3	256QAM	1	14	18.80	18.88	18.75	20.00
3	256QAM	8	0	18.72	18.83	18.67	20.00
3	256QAM	8	4	18.72	18.82	18.73	20.00
3	256QAM	8	7	18.77	18.91	18.84	20.00
3	256QAM	15	0	18.71	18.84	18.73	20.00
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	19.83	19.92	19.88	20.90
1.4	QPSK	1	3	19.64	19.89	19.75	20.90
1.4	QPSK	1	5	19.75	19.82	19.54	20.90
1.4	QPSK	3	0	19.78	19.78	19.64	20.90
1.4	QPSK	3	1	19.69	19.77	19.71	20.90
1.4	QPSK	3	3	19.62	19.83	19.62	20.90
1.4	QPSK	6	0	19.73	19.70	19.57	20.90
1.4	16QAM	1	0	19.51	19.76	19.58	20.90
1.4	16QAM	1	3	19.71	19.81	19.64	20.90
1.4	16QAM	1	5	19.69	19.82	19.65	20.90
1.4	16QAM	3	0	19.66	19.61	19.65	20.90
1.4	16QAM	3	1	19.61	19.70	19.58	20.90
1.4	16QAM	3	3	19.56	19.79	19.59	20.90
1.4	16QAM	6	0	19.62	19.68	19.60	20.90
1.4	64QAM	1	0	19.67	19.83	19.62	20.90
1.4	64QAM	1	3	19.63	19.75	19.60	20.90
1.4	64QAM	1	5	19.59	19.67	19.67	20.90
1.4	64QAM	3	0	19.67	19.72	19.55	20.90
1.4	64QAM	3	1	19.58	19.69	19.55	20.90
1.4	64QAM	3	3	19.68	19.83	19.63	20.90
1.4	64QAM	6	0	19.63	19.75	19.63	20.90
1.4	256QAM	1	0	18.95	18.91	18.82	20.00
1.4	256QAM	1	3	18.82	18.89	18.73	20.00
1.4	256QAM	1	5	18.73	18.95	18.77	20.00
1.4	256QAM	3	0	18.81	18.83	18.71	20.00
1.4	256QAM	3	1	18.77	18.83	18.70	20.00
1.4	256QAM	3	3	18.81	18.90	18.79	20.00
1.4	256QAM	6	0	18.68	18.83	18.71	20.00

【LTE Band 66_Ant 4_DSI 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	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	17.41	17.47	17.43	18.30
20	QPSK	1	49	17.16	17.15	17.30	18.30
20	QPSK	1	99	17.31	17.17	17.30	18.30
20	QPSK	50	0	17.22	17.41	17.12	18.30
20	QPSK	50	24	17.18	17.28	17.21	18.30
20	QPSK	50	50	17.15	17.17	17.26	18.30
20	QPSK	100	0	17.08	17.17	17.21	18.30
20	16QAM	1	0	17.17	17.18	17.09	18.30
20	16QAM	1	49	17.25	17.22	17.25	18.30
20	16QAM	1	99	17.22	17.18	17.17	18.30



20	16QAM	50	0	17.31	17.28	17.12	18.30
20	16QAM	50	24	17.17	17.09	17.16	18.30
20	16QAM	50	50	17.26	17.29	17.13	18.30
20	16QAM	100	0	17.20	17.29	17.16	18.30
20	64QAM	1	0	17.17	17.24	17.19	18.30
20	64QAM	1	49	17.12	17.10	17.18	18.30
20	64QAM	1	99	17.10	17.31	17.29	18.30
20	64QAM	50	0	17.22	17.29	17.32	18.30
20	64QAM	50	24	17.11	17.12	17.18	18.30
20	64QAM	50	50	17.18	17.15	17.10	18.30
20	64QAM	100	0	17.13	17.16	17.21	18.30
20	256QAM	1	0	17.29	17.13	17.19	18.30
20	256QAM	1	49	17.24	17.24	17.23	18.30
20	256QAM	1	99	17.16	17.23	17.09	18.30
20	256QAM	50	0	17.15	17.16	17.25	18.30
20	256QAM	50	24	17.15	17.18	17.18	18.30
20	256QAM	50	50	17.10	17.26	17.24	18.30
20	256QAM	100	0	17.28	17.20	17.23	18.30
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	17.32	17.45	17.33	18.30
15	QPSK	1	37	17.12	17.06	17.16	18.30
15	QPSK	1	74	17.27	17.08	17.28	18.30
15	QPSK	36	0	17.19	17.26	17.06	18.30
15	QPSK	36	20	17.09	17.18	17.15	18.30
15	QPSK	36	39	17.02	17.16	17.19	18.30
15	QPSK	75	0	17.05	17.15	17.18	18.30
15	16QAM	1	0	17.08	17.09	17.05	18.30
15	16QAM	1	37	17.18	17.18	17.12	18.30
15	16QAM	1	74	17.20	17.06	17.15	18.30
15	16QAM	36	0	17.20	17.21	17.01	18.30
15	16QAM	36	20	17.16	17.07	17.13	18.30
15	16QAM	36	39	17.21	17.21	17.00	18.30
15	16QAM	75	0	17.12	17.19	17.06	18.30
15	64QAM	1	0	17.07	17.19	17.12	18.30
15	64QAM	1	37	17.11	17.01	17.17	18.30
15	64QAM	1	74	17.06	17.29	17.21	18.30
15	64QAM	36	0	17.16	17.23	17.19	18.30
15	64QAM	36	20	17.01	17.09	17.13	18.30
15	64QAM	36	39	17.14	17.04	17.08	18.30
15	64QAM	75	0	17.00	17.11	17.12	18.30
15	256QAM	1	0	17.26	17.08	17.09	18.30
15	256QAM	1	37	17.14	17.15	17.12	18.30
15	256QAM	1	74	17.06	17.20	17.03	18.30
15	256QAM	36	0	17.06	17.08	17.13	18.30
15	256QAM	36	20	17.04	17.14	17.03	18.30
15	256QAM	36	39	17.07	17.18	17.23	18.30
15	256QAM	75	0	17.23	17.08	17.11	18.30
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	17.27	17.39	17.40	18.30
10	QPSK	1	25	17.10	17.05	17.17	18.30
10	QPSK	1	49	17.19	17.09	17.23	18.30
10	QPSK	25	0	17.10	17.32	17.05	18.30
10	QPSK	25	12	17.06	17.17	17.08	18.30
10	QPSK	25	25	17.07	17.02	17.21	18.30
10	QPSK	50	0	17.01	17.16	17.11	18.30
10	16QAM	1	0	17.04	17.04	17.07	18.30
10	16QAM	1	25	17.12	17.20	17.12	18.30
10	16QAM	1	49	17.12	17.14	17.12	18.30
10	16QAM	25	0	17.17	17.19	17.08	18.30
10	16QAM	25	12	17.14	17.08	17.03	18.30
10	16QAM	25	25	17.24	17.16	16.99	18.30
10	16QAM	50	0	17.10	17.25	17.01	18.30
10	64QAM	1	0	17.05	17.12	17.05	18.30
10	64QAM	1	25	17.11	17.04	17.09	18.30
10	64QAM	1	49	17.07	17.20	17.19	18.30
10	64QAM	25	0	17.17	17.21	17.31	18.30
10	64QAM	25	12	16.96	17.02	17.03	18.30
10	64QAM	25	25	17.07	17.11	17.00	18.30
10	64QAM	50	0	17.04	17.02	17.16	18.30
10	256QAM	1	0	17.19	17.07	17.12	18.30
10	256QAM	1	25	17.10	17.12	17.18	18.30
10	256QAM	1	49	17.03	17.18	17.07	18.30



10	256QAM	25	0	17.12	17.05	17.16	18.30
10	256QAM	25	12	17.06	17.04	17.16	18.30
10	256QAM	25	25	17.05	17.25	17.19	18.30
10	256QAM	50	0	17.22	17.15	17.15	18.30
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	17.26	17.41	17.31	18.30
5	QPSK	1	12	17.04	17.08	17.18	18.30
5	QPSK	1	24	17.29	17.13	17.23	18.30
5	QPSK	12	0	17.15	17.36	17.11	18.30
5	QPSK	12	7	17.11	17.13	17.16	18.30
5	QPSK	12	13	17.12	17.03	17.18	18.30
5	QPSK	25	0	16.99	17.11	17.07	18.30
5	16QAM	1	0	17.13	17.08	17.03	18.30
5	16QAM	1	12	17.17	17.17	17.21	18.30
5	16QAM	1	24	17.08	17.14	17.12	18.30
5	16QAM	12	0	17.19	17.19	17.01	18.30
5	16QAM	12	7	17.08	17.07	17.04	18.30
5	16QAM	12	13	17.25	17.19	17.02	18.30
5	16QAM	25	0	17.11	17.14	17.07	18.30
5	64QAM	1	0	17.06	17.12	17.14	18.30
5	64QAM	1	12	17.07	17.06	17.05	18.30
5	64QAM	1	24	17.06	17.21	17.28	18.30
5	64QAM	12	0	17.21	17.27	17.23	18.30
5	64QAM	12	7	17.06	17.01	17.05	18.30
5	64QAM	12	13	17.08	17.11	16.98	18.30
5	64QAM	25	0	17.03	17.12	17.15	18.30
5	256QAM	1	0	17.19	17.06	17.08	18.30
5	256QAM	1	12	17.22	17.12	17.12	18.30
5	256QAM	1	24	17.13	17.16	17.06	18.30
5	256QAM	12	0	17.09	17.14	17.19	18.30
5	256QAM	12	7	17.08	17.11	17.14	18.30
5	256QAM	12	13	17.02	17.12	17.11	18.30
5	256QAM	25	0	17.18	17.16	17.10	18.30
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	17.38	17.37	17.33	18.30
3	QPSK	1	8	17.02	17.06	17.22	18.30
3	QPSK	1	14	17.28	17.11	17.19	18.30
3	QPSK	8	0	17.18	17.39	16.98	18.30
3	QPSK	8	4	17.16	17.26	17.11	18.30
3	QPSK	8	7	17.12	17.08	17.20	18.30
3	QPSK	15	0	17.06	17.11	17.09	18.30
3	16QAM	1	0	17.09	17.03	17.07	18.30
3	16QAM	1	8	17.13	17.10	17.12	18.30
3	16QAM	1	14	17.21	17.05	17.04	18.30
3	16QAM	8	0	17.30	17.20	17.07	18.30
3	16QAM	8	4	17.03	17.03	17.10	18.30
3	16QAM	8	7	17.11	17.26	17.02	18.30
3	16QAM	15	0	17.13	17.24	17.12	18.30
3	64QAM	1	0	17.11	17.14	17.12	18.30
3	64QAM	1	8	17.08	17.05	17.04	18.30
3	64QAM	1	14	16.96	17.22	17.23	18.30
3	64QAM	8	0	17.09	17.17	17.18	18.30
3	64QAM	8	4	17.07	17.05	17.16	18.30
3	64QAM	8	7	17.09	17.03	17.08	18.30
3	64QAM	15	0	17.02	17.01	17.07	18.30
3	256QAM	1	0	17.24	17.03	17.04	18.30
3	256QAM	1	8	17.19	17.09	17.17	18.30
3	256QAM	1	14	17.11	17.22	17.00	18.30
3	256QAM	8	0	17.11	17.12	17.18	18.30
3	256QAM	8	4	17.10	17.12	17.08	18.30
3	256QAM	8	7	17.00	17.19	17.15	18.30
3	256QAM	15	0	17.14	17.10	17.13	18.30
Channel				131979	132322	132665	Tune-up limit
Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	17.35	17.44	17.29	18.30
1.4	QPSK	1	3	17.09	17.09	17.24	18.30
1.4	QPSK	1	5	17.21	17.04	17.23	18.30
1.4	QPSK	3	0	17.20	17.30	17.01	18.30
1.4	QPSK	3	1	17.10	17.23	17.07	18.30
1.4	QPSK	3	3	17.05	17.06	17.14	18.30
1.4	QPSK	6	0	16.99	17.15	17.11	18.30
1.4	16QAM	1	0	17.03	17.09	17.04	18.30



1.4	16QAM	1	3	17.22	17.11	17.16	18.30
1.4	16QAM	1	5	17.17	17.08	17.05	18.30
1.4	16QAM	3	0	17.26	17.21	16.97	18.30
1.4	16QAM	3	1	17.04	17.06	17.13	18.30
1.4	16QAM	3	3	17.16	17.15	17.10	18.30
1.4	16QAM	6	0	17.17	17.26	17.05	18.30
1.4	64QAM	1	0	17.02	17.18	17.11	18.30
1.4	64QAM	1	3	17.09	17.07	17.03	18.30
1.4	64QAM	1	5	16.97	17.16	17.20	18.30
1.4	64QAM	3	0	17.19	17.22	17.26	18.30
1.4	64QAM	3	1	17.01	17.10	17.16	18.30
1.4	64QAM	3	3	17.04	17.10	17.00	18.30
1.4	64QAM	6	0	17.01	17.09	17.15	18.30
1.4	256QAM	1	0	17.18	17.03	17.17	18.30
1.4	256QAM	1	3	17.16	17.20	17.15	18.30
1.4	256QAM	1	5	17.14	17.18	16.94	18.30
1.4	256QAM	3	0	17.02	17.13	17.23	18.30
1.4	256QAM	3	1	17.11	17.08	17.16	18.30
1.4	256QAM	3	3	16.98	17.19	17.11	18.30
1.4	256QAM	6	0	17.21	17.13	17.09	18.30

【LTE Band 66_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				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	23.28	23.31	23.25	24.00
20	QPSK	1	49	23.12	23.28	23.17	24.00
20	QPSK	1	99	23.06	23.21	23.03	24.00
20	QPSK	50	0	23.21	23.25	23.16	24.00
20	QPSK	50	24	23.11	23.22	23.10	24.00
20	QPSK	50	50	23.14	23.18	23.05	24.00
20	QPSK	100	0	23.00	23.15	23.06	24.00
20	16QAM	1	0	23.07	23.11	23.02	24.00
20	16QAM	1	49	23.14	23.19	22.98	24.00
20	16QAM	1	99	23.03	23.16	22.98	24.00
20	16QAM	50	0	22.19	22.33	22.23	23.00
20	16QAM	50	24	22.15	22.31	22.13	23.00
20	16QAM	50	50	22.11	22.28	22.14	23.00
20	16QAM	100	0	22.19	22.25	22.14	23.00
20	64QAM	1	0	22.09	22.24	22.10	23.00
20	64QAM	1	49	22.06	22.21	22.11	23.00
20	64QAM	1	99	22.12	22.20	22.05	23.00
20	64QAM	50	0	20.25	20.36	20.22	21.00
20	64QAM	50	24	20.17	20.34	20.14	21.00
20	64QAM	50	50	20.15	20.32	20.19	21.00
20	64QAM	100	0	20.17	20.31	20.24	21.00
20	256QAM	1	0	19.74	19.81	19.74	20.50
20	256QAM	1	49	19.65	19.78	19.69	20.50
20	256QAM	1	99	19.72	19.76	19.66	20.50
20	256QAM	50	0	18.26	18.35	18.17	19.00
20	256QAM	50	24	18.19	18.33	18.18	19.00
20	256QAM	50	50	18.17	18.31	18.20	19.00
20	256QAM	100	0	18.24	18.29	18.21	19.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.22	23.20	23.20	24.00
15	QPSK	1	37	23.04	23.22	23.03	24.00
15	QPSK	1	74	23.01	23.15	22.94	24.00
15	QPSK	36	0	23.17	23.13	23.03	24.00
15	QPSK	36	20	23.05	23.15	23.07	24.00
15	QPSK	36	39	23.12	23.14	22.96	24.00
15	QPSK	75	0	22.90	23.10	22.92	24.00
15	16QAM	1	0	22.92	22.99	22.95	24.00
15	16QAM	1	37	23.00	23.09	22.97	24.00
15	16QAM	1	74	22.99	23.02	22.94	24.00
15	16QAM	36	0	22.09	22.23	22.18	23.00
15	16QAM	36	20	22.07	22.22	22.06	23.00
15	16QAM	36	39	21.96	22.24	22.06	23.00



FCC SAR Test Report

Report No. : FA572502

15	16QAM	75	0	22.04	22.18	22.04	23.00
15	64QAM	1	0	22.01	22.15	22.04	23.00
15	64QAM	1	37	22.04	22.12	22.02	23.00
15	64QAM	1	74	22.07	22.15	21.90	23.00
15	64QAM	36	0	20.19	20.33	20.18	21.00
15	64QAM	36	20	20.14	20.26	20.00	21.00
15	64QAM	36	39	20.13	20.20	20.04	21.00
15	64QAM	75	0	20.12	20.28	20.15	21.00
15	256QAM	1	0	19.63	19.68	19.60	20.50
15	256QAM	1	37	19.60	19.64	19.63	20.50
15	256QAM	1	74	19.61	19.71	19.52	20.50
15	256QAM	36	0	18.21	18.29	18.07	19.00
15	256QAM	36	20	18.13	18.31	18.09	19.00
15	256QAM	36	39	18.04	18.24	18.05	19.00
15	256QAM	75	0	18.18	18.23	18.08	19.00
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	23.23	23.18	23.12	24.00
10	QPSK	1	25	23.03	23.25	23.02	24.00
10	QPSK	1	49	23.05	23.12	22.99	24.00
10	QPSK	25	0	23.16	23.13	23.05	24.00
10	QPSK	25	12	23.07	23.11	23.01	24.00
10	QPSK	25	25	23.12	23.08	22.99	24.00
10	QPSK	50	0	22.87	23.01	23.05	24.00
10	16QAM	1	0	23.01	23.02	23.00	24.00
10	16QAM	1	25	23.07	23.10	22.95	24.00
10	16QAM	1	49	23.02	23.11	22.91	24.00
10	16QAM	25	0	22.16	22.29	22.22	23.00
10	16QAM	25	12	22.13	22.21	22.00	23.00
10	16QAM	25	25	21.98	22.23	22.04	23.00
10	16QAM	50	0	22.08	22.13	22.12	23.00
10	64QAM	1	0	22.03	22.23	22.08	23.00
10	64QAM	1	25	21.97	22.06	22.01	23.00
10	64QAM	1	49	21.99	22.14	21.94	23.00
10	64QAM	25	0	20.18	20.35	20.12	21.00
10	64QAM	25	12	20.10	20.24	20.10	21.00
10	64QAM	25	25	20.03	20.28	20.11	21.00
10	64QAM	50	0	20.14	20.22	20.21	21.00
10	256QAM	1	0	19.72	19.76	19.59	20.50
10	256QAM	1	25	19.53	19.72	19.63	20.50
10	256QAM	1	49	19.58	19.66	19.53	20.50
10	256QAM	25	0	18.18	18.27	18.03	19.00
10	256QAM	25	12	18.06	18.27	18.11	19.00
10	256QAM	25	25	18.16	18.21	18.08	19.00
10	256QAM	50	0	18.18	18.27	18.09	19.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	23.16	23.25	23.13	24.00
5	QPSK	1	12	23.05	23.22	23.02	24.00
5	QPSK	1	24	22.92	23.10	22.95	24.00
5	QPSK	12	0	23.17	23.11	23.05	24.00
5	QPSK	12	7	22.99	23.10	22.98	24.00
5	QPSK	12	13	23.13	23.10	22.97	24.00
5	QPSK	25	0	22.91	23.00	23.04	24.00
5	16QAM	1	0	23.01	23.04	22.97	24.00
5	16QAM	1	12	23.09	23.10	22.87	24.00
5	16QAM	1	24	22.88	23.09	22.94	24.00
5	16QAM	12	0	22.11	22.25	22.18	23.00
5	16QAM	12	7	22.05	22.18	21.98	23.00
5	16QAM	12	13	22.03	22.18	22.10	23.00
5	16QAM	25	0	22.17	22.10	22.03	23.00
5	64QAM	1	0	22.00	22.20	22.04	23.00
5	64QAM	1	12	21.97	22.18	21.99	23.00
5	64QAM	1	24	22.02	22.16	22.02	23.00
5	64QAM	12	0	20.22	20.23	20.18	21.00
5	64QAM	12	7	20.03	20.32	20.03	21.00
5	64QAM	12	13	20.07	20.22	20.09	21.00
5	64QAM	25	0	20.16	20.29	20.18	21.00
5	256QAM	1	0	19.59	19.67	19.69	20.50
5	256QAM	1	12	19.53	19.76	19.54	20.50
5	256QAM	1	24	19.65	19.67	19.55	20.50
5	256QAM	12	0	18.23	18.26	18.04	19.00
5	256QAM	12	7	18.12	18.24	18.10	19.00
5	256QAM	12	13	18.13	18.27	18.16	19.00



FCC SAR Test Report

Report No. : FA572502

5	256QAM	25	0	18.09	18.18	18.08	19.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	23.24	23.19	23.22	24.00
3	QPSK	1	8	23.06	23.25	23.12	24.00
3	QPSK	1	14	22.96	23.20	22.97	24.00
3	QPSK	8	0	23.14	23.14	23.09	24.00
3	QPSK	8	4	23.09	23.17	23.01	24.00
3	QPSK	8	7	23.02	23.14	23.01	24.00
3	QPSK	15	0	22.97	23.05	23.01	24.00
3	16QAM	1	0	23.04	23.04	22.94	24.00
3	16QAM	1	8	23.11	23.12	22.90	24.00
3	16QAM	1	14	22.98	23.12	22.91	24.00
3	16QAM	8	0	22.18	22.30	22.13	23.00
3	16QAM	8	4	22.07	22.24	22.05	23.00
3	16QAM	8	7	22.06	22.24	22.04	23.00
3	16QAM	15	0	22.09	22.23	22.03	23.00
3	64QAM	1	0	22.07	22.18	22.06	23.00
3	64QAM	1	8	22.03	22.08	22.07	23.00
3	64QAM	1	14	22.09	22.07	22.00	23.00
3	64QAM	8	0	20.23	20.31	20.12	21.00
3	64QAM	8	4	20.11	20.25	20.00	21.00
3	64QAM	8	7	20.06	20.27	20.09	21.00
3	64QAM	15	0	20.10	20.26	20.12	21.00
3	256QAM	1	0	19.68	19.78	19.64	20.50
3	256QAM	1	8	19.62	19.70	19.60	20.50
3	256QAM	1	14	19.64	19.64	19.63	20.50
3	256QAM	8	0	18.12	18.24	18.02	19.00
3	256QAM	8	4	18.10	18.28	18.13	19.00
3	256QAM	8	7	18.15	18.26	18.17	19.00
3	256QAM	15	0	18.16	18.23	18.10	19.00
Channel				131979	132322	132665	Tune-up limit
Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	23.18	23.17	23.20	24.00
1.4	QPSK	1	3	23.10	23.24	23.09	24.00
1.4	QPSK	1	5	23.01	23.14	22.96	24.00
1.4	QPSK	3	0	23.16	23.14	23.01	24.00
1.4	QPSK	3	1	23.06	23.16	22.98	24.00
1.4	QPSK	3	3	23.08	23.13	23.03	24.00
1.4	QPSK	6	0	21.98	22.08	22.00	23.00
1.4	16QAM	1	0	22.01	22.06	21.94	23.00
1.4	16QAM	1	3	22.02	22.05	21.88	23.00
1.4	16QAM	1	5	21.99	22.08	21.89	23.00
1.4	16QAM	3	0	22.14	22.23	22.17	23.00
1.4	16QAM	3	1	22.08	22.25	22.00	23.00
1.4	16QAM	3	3	21.97	22.26	22.06	23.00
1.4	16QAM	6	0	21.15	21.18	21.12	22.00
1.4	64QAM	1	0	21.07	21.18	21.03	22.00
1.4	64QAM	1	3	20.93	21.11	21.05	22.00
1.4	64QAM	1	5	21.10	21.11	20.96	22.00
1.4	64QAM	3	0	21.14	21.25	21.20	22.00
1.4	64QAM	3	1	21.03	21.29	21.03	22.00
1.4	64QAM	3	3	21.05	21.23	21.17	22.00
1.4	64QAM	6	0	20.05	20.26	20.16	21.00
1.4	256QAM	1	0	18.16	18.26	18.11	19.00
1.4	256QAM	1	3	18.07	18.19	18.10	19.00
1.4	256QAM	1	5	18.16	18.21	18.09	19.00
1.4	256QAM	3	0	18.17	18.20	18.13	19.00
1.4	256QAM	3	1	18.18	18.30	18.04	19.00
1.4	256QAM	3	3	18.11	18.30	18.12	19.00
1.4	256QAM	6	0	18.15	18.23	18.09	19.00

**【LTE Band 66_Ant 8_DSI 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				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	23.28	23.31	23.25	24.00
20	QPSK	1	49	23.12	23.28	23.17	24.00
20	QPSK	1	99	23.06	23.21	23.03	24.00
20	QPSK	50	0	23.21	23.25	23.16	24.00
20	QPSK	50	24	23.11	23.22	23.10	24.00
20	QPSK	50	50	23.14	23.18	23.05	24.00
20	QPSK	100	0	23.00	23.15	23.06	24.00
20	16QAM	1	0	23.07	23.11	23.02	24.00
20	16QAM	1	49	23.14	23.19	22.98	24.00
20	16QAM	1	99	23.03	23.16	22.98	24.00
20	16QAM	50	0	22.19	22.33	22.23	23.00
20	16QAM	50	24	22.15	22.31	22.13	23.00
20	16QAM	50	50	22.11	22.28	22.14	23.00
20	16QAM	100	0	22.19	22.25	22.14	23.00
20	64QAM	1	0	22.09	22.24	22.10	23.00
20	64QAM	1	49	22.06	22.21	22.11	23.00
20	64QAM	1	99	22.12	22.20	22.05	23.00
20	64QAM	50	0	20.25	20.36	20.22	21.00
20	64QAM	50	24	20.17	20.34	20.14	21.00
20	64QAM	50	50	20.15	20.32	20.19	21.00
20	64QAM	100	0	20.17	20.31	20.24	21.00
20	256QAM	1	0	19.74	19.81	19.74	20.50
20	256QAM	1	49	19.65	19.78	19.69	20.50
20	256QAM	1	99	19.72	19.76	19.66	20.50
20	256QAM	50	0	18.26	18.35	18.17	19.00
20	256QAM	50	24	18.19	18.33	18.18	19.00
20	256QAM	50	50	18.17	18.31	18.20	19.00
20	256QAM	100	0	18.24	18.29	18.21	19.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.22	23.20	23.20	24.00
15	QPSK	1	37	23.04	23.22	23.03	24.00
15	QPSK	1	74	23.01	23.15	22.94	24.00
15	QPSK	36	0	23.17	23.13	23.03	24.00
15	QPSK	36	20	23.05	23.15	23.07	24.00
15	QPSK	36	39	23.12	23.14	22.96	24.00
15	QPSK	75	0	22.90	23.10	22.92	24.00
15	16QAM	1	0	22.92	22.99	22.95	24.00
15	16QAM	1	37	23.00	23.09	22.97	24.00
15	16QAM	1	74	22.99	23.02	22.94	24.00
15	16QAM	36	0	22.09	22.23	22.18	23.00
15	16QAM	36	20	22.07	22.22	22.06	23.00
15	16QAM	36	39	21.96	22.24	22.06	23.00
15	16QAM	75	0	22.04	22.18	22.04	23.00
15	64QAM	1	0	22.01	22.15	22.04	23.00
15	64QAM	1	37	22.04	22.12	22.02	23.00
15	64QAM	1	74	22.07	22.15	21.90	23.00
15	64QAM	36	0	20.19	20.33	20.18	21.00
15	64QAM	36	20	20.14	20.26	20.00	21.00
15	64QAM	36	39	20.13	20.20	20.04	21.00
15	64QAM	75	0	20.12	20.28	20.15	21.00
15	256QAM	1	0	19.63	19.68	19.60	20.50
15	256QAM	1	37	19.60	19.64	19.63	20.50
15	256QAM	1	74	19.61	19.71	19.52	20.50
15	256QAM	36	0	18.21	18.29	18.07	19.00
15	256QAM	36	20	18.13	18.31	18.09	19.00
15	256QAM	36	39	18.04	18.24	18.05	19.00
15	256QAM	75	0	18.18	18.23	18.08	19.00
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	23.23	23.18	23.12	24.00
10	QPSK	1	25	23.03	23.25	23.02	24.00
10	QPSK	1	49	23.05	23.12	22.99	24.00
10	QPSK	25	0	23.16	23.13	23.05	24.00
10	QPSK	25	12	23.07	23.11	23.01	24.00
10	QPSK	25	25	23.12	23.08	22.99	24.00
10	QPSK	50	0	22.87	23.01	23.05	24.00



FCC SAR Test Report

Report No. : FA572502

10	16QAM	1	0	23.01	23.02	23.00	24.00
10	16QAM	1	25	23.07	23.10	22.95	24.00
10	16QAM	1	49	23.02	23.11	22.91	24.00
10	16QAM	25	0	22.16	22.29	22.22	23.00
10	16QAM	25	12	22.13	22.21	22.00	23.00
10	16QAM	25	25	21.98	22.23	22.04	23.00
10	16QAM	50	0	22.08	22.13	22.12	23.00
10	64QAM	1	0	22.03	22.23	22.08	23.00
10	64QAM	1	25	21.97	22.06	22.01	23.00
10	64QAM	1	49	21.99	22.14	21.94	23.00
10	64QAM	25	0	20.18	20.35	20.12	21.00
10	64QAM	25	12	20.10	20.24	20.10	21.00
10	64QAM	25	25	20.03	20.28	20.11	21.00
10	64QAM	50	0	20.14	20.22	20.21	21.00
10	256QAM	1	0	19.72	19.76	19.59	20.50
10	256QAM	1	25	19.53	19.72	19.63	20.50
10	256QAM	1	49	19.58	19.66	19.53	20.50
10	256QAM	25	0	18.18	18.27	18.03	19.00
10	256QAM	25	12	18.06	18.27	18.11	19.00
10	256QAM	25	25	18.16	18.21	18.08	19.00
10	256QAM	50	0	18.18	18.27	18.09	19.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	23.16	23.25	23.13	24.00
5	QPSK	1	12	23.05	23.22	23.02	24.00
5	QPSK	1	24	22.92	23.10	22.95	24.00
5	QPSK	12	0	23.17	23.11	23.05	24.00
5	QPSK	12	7	22.99	23.10	22.98	24.00
5	QPSK	12	13	23.13	23.10	22.97	24.00
5	QPSK	25	0	22.91	23.00	23.04	24.00
5	16QAM	1	0	23.01	23.04	22.97	24.00
5	16QAM	1	12	23.09	23.10	22.87	24.00
5	16QAM	1	24	22.88	23.09	22.94	24.00
5	16QAM	12	0	22.11	22.25	22.18	23.00
5	16QAM	12	7	22.05	22.18	21.98	23.00
5	16QAM	12	13	22.03	22.18	22.10	23.00
5	16QAM	25	0	22.17	22.10	22.03	23.00
5	64QAM	1	0	22.00	22.20	22.04	23.00
5	64QAM	1	12	21.97	22.18	21.99	23.00
5	64QAM	1	24	22.02	22.16	22.02	23.00
5	64QAM	12	0	20.22	20.23	20.18	21.00
5	64QAM	12	7	20.03	20.32	20.03	21.00
5	64QAM	12	13	20.07	20.22	20.09	21.00
5	64QAM	25	0	20.16	20.29	20.18	21.00
5	256QAM	1	0	19.59	19.67	19.69	20.50
5	256QAM	1	12	19.53	19.76	19.54	20.50
5	256QAM	1	24	19.65	19.67	19.55	20.50
5	256QAM	12	0	18.23	18.26	18.04	19.00
5	256QAM	12	7	18.12	18.24	18.10	19.00
5	256QAM	12	13	18.13	18.27	18.16	19.00
5	256QAM	25	0	18.09	18.18	18.08	19.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	23.24	23.19	23.22	24.00
3	QPSK	1	8	23.06	23.25	23.12	24.00
3	QPSK	1	14	22.96	23.20	22.97	24.00
3	QPSK	8	0	23.14	23.14	23.09	24.00
3	QPSK	8	4	23.09	23.17	23.01	24.00
3	QPSK	8	7	23.02	23.14	23.01	24.00
3	QPSK	15	0	22.97	23.05	23.01	24.00
3	16QAM	1	0	23.04	23.04	22.94	24.00
3	16QAM	1	8	23.11	23.12	22.90	24.00
3	16QAM	1	14	22.98	23.12	22.91	24.00
3	16QAM	8	0	22.18	22.30	22.13	23.00
3	16QAM	8	4	22.07	22.24	22.05	23.00
3	16QAM	8	7	22.06	22.24	22.04	23.00
3	16QAM	15	0	22.09	22.23	22.03	23.00
3	64QAM	1	0	22.07	22.18	22.06	23.00
3	64QAM	1	8	22.03	22.08	22.07	23.00
3	64QAM	1	14	22.09	22.07	22.00	23.00
3	64QAM	8	0	20.23	20.31	20.12	21.00
3	64QAM	8	4	20.11	20.25	20.00	21.00
3	64QAM	8	7	20.06	20.27	20.09	21.00
3	64QAM	15	0	20.10	20.26	20.12	21.00



3	256QAM	1	0	19.68	19.78	19.64	20.50
3	256QAM	1	8	19.62	19.70	19.60	20.50
3	256QAM	1	14	19.64	19.64	19.63	20.50
3	256QAM	8	0	18.12	18.24	18.02	19.00
3	256QAM	8	4	18.10	18.28	18.13	19.00
3	256QAM	8	7	18.15	18.26	18.17	19.00
3	256QAM	15	0	18.16	18.23	18.10	19.00
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	23.18	23.17	23.20	24.00
1.4	QPSK	1	3	23.10	23.24	23.09	24.00
1.4	QPSK	1	5	23.01	23.14	22.96	24.00
1.4	QPSK	3	0	23.16	23.14	23.01	24.00
1.4	QPSK	3	1	23.06	23.16	22.98	24.00
1.4	QPSK	3	3	23.08	23.13	23.03	24.00
1.4	QPSK	6	0	21.98	22.08	22.00	23.00
1.4	16QAM	1	0	22.01	22.06	21.94	23.00
1.4	16QAM	1	3	22.02	22.05	21.88	23.00
1.4	16QAM	1	5	21.99	22.08	21.89	23.00
1.4	16QAM	3	0	22.14	22.23	22.17	23.00
1.4	16QAM	3	1	22.08	22.25	22.00	23.00
1.4	16QAM	3	3	21.97	22.26	22.06	23.00
1.4	16QAM	6	0	21.15	21.18	21.12	22.00
1.4	64QAM	1	0	21.07	21.18	21.03	22.00
1.4	64QAM	1	3	20.93	21.11	21.05	22.00
1.4	64QAM	1	5	21.10	21.11	20.96	22.00
1.4	64QAM	3	0	21.14	21.25	21.20	22.00
1.4	64QAM	3	1	21.03	21.29	21.03	22.00
1.4	64QAM	3	3	21.05	21.23	21.17	22.00
1.4	64QAM	6	0	20.05	20.26	20.16	21.00
1.4	256QAM	1	0	18.16	18.26	18.11	19.00
1.4	256QAM	1	3	18.07	18.19	18.10	19.00
1.4	256QAM	1	5	18.16	18.21	18.09	19.00
1.4	256QAM	3	0	18.17	18.20	18.13	19.00
1.4	256QAM	3	1	18.18	18.30	18.04	19.00
1.4	256QAM	3	3	18.11	18.30	18.12	19.00
1.4	256QAM	6	0	18.15	18.23	18.09	19.00

【LTE Band 66_Ant 8_DSI 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				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	20.91	20.93	20.89	22.20
20	QPSK	1	49	20.75	20.90	20.77	22.20
20	QPSK	1	99	20.89	20.84	20.88	22.20
20	QPSK	50	0	20.82	20.91	20.85	22.20
20	QPSK	50	24	20.68	20.87	20.80	22.20
20	QPSK	50	50	20.76	20.89	20.81	22.20
20	QPSK	100	0	20.82	20.87	20.79	22.20
20	16QAM	1	0	20.88	20.81	20.81	22.20
20	16QAM	1	49	20.81	20.85	20.71	22.20
20	16QAM	1	99	20.85	20.90	20.82	22.20
20	16QAM	50	0	20.83	20.90	20.71	22.20
20	16QAM	50	24	20.77	20.83	20.90	22.20
20	16QAM	50	50	20.77	20.72	20.73	22.20
20	16QAM	100	0	20.67	20.70	20.80	22.20
20	64QAM	1	0	20.77	20.87	20.90	22.20
20	64QAM	1	49	20.79	20.74	20.86	22.20
20	64QAM	1	99	20.82	20.77	20.69	22.20
20	64QAM	50	0	19.56	19.63	19.55	21.00
20	64QAM	50	24	19.68	19.58	19.58	21.00
20	64QAM	50	50	19.52	19.69	19.58	21.00
20	64QAM	100	0	19.58	19.48	19.69	21.00
20	256QAM	1	0	19.16	19.00	19.18	20.50
20	256QAM	1	49	19.19	19.06	19.20	20.50
20	256QAM	1	99	19.12	19.08	19.17	20.50
20	256QAM	50	0	17.58	17.57	17.68	19.00
20	256QAM	50	24	17.63	17.71	17.62	19.00



FCC SAR Test Report

Report No. : FA572502

20	256QAM	50	50	17.81	17.62	17.69	19.00
20	256QAM	100	0	17.51	17.53	17.65	19.00
Channel				132047	132322	132597	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	QPSK	1	0	20.67	20.91	20.76	22.20
15	QPSK	1	37	20.60	20.87	20.62	22.20
15	QPSK	1	74	20.75	20.71	20.79	22.20
15	QPSK	36	0	20.74	20.87	20.82	22.20
15	QPSK	36	20	20.59	20.86	20.85	22.20
15	QPSK	36	39	20.72	20.74	20.75	22.20
15	QPSK	75	0	20.82	20.81	20.87	22.20
15	16QAM	1	0	20.82	20.71	20.78	22.20
15	16QAM	1	37	20.80	20.76	20.69	22.20
15	16QAM	1	74	20.74	20.78	20.76	22.20
15	16QAM	36	0	20.75	20.86	20.58	22.20
15	16QAM	36	20	20.71	20.70	20.84	22.20
15	16QAM	36	39	20.69	20.63	20.62	22.20
15	16QAM	75	0	20.55	20.61	20.78	22.20
15	64QAM	1	0	20.75	20.81	20.86	22.20
15	64QAM	1	37	20.69	20.65	20.78	22.20
15	64QAM	1	74	20.72	20.68	20.65	22.20
15	64QAM	36	0	19.46	19.57	19.44	21.00
15	64QAM	36	20	19.65	19.55	19.46	21.00
15	64QAM	36	39	19.44	19.64	19.45	21.00
15	64QAM	75	0	19.43	19.36	19.64	21.00
15	256QAM	1	0	19.02	18.94	19.11	20.50
15	256QAM	1	37	19.12	19.03	19.13	20.50
15	256QAM	1	74	19.00	18.96	19.03	20.50
15	256QAM	36	0	17.44	17.45	17.55	19.00
15	256QAM	36	20	17.54	17.66	17.48	19.00
15	256QAM	36	39	17.76	17.57	17.66	19.00
15	256QAM	75	0	17.46	17.40	17.63	19.00
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	20.62	20.85	20.72	22.20
10	QPSK	1	25	20.71	20.86	20.64	22.20
10	QPSK	1	49	20.87	20.78	20.75	22.20
10	QPSK	25	0	20.76	20.80	20.77	22.20
10	QPSK	25	12	20.57	20.75	20.84	22.20
10	QPSK	25	25	20.72	20.79	20.72	22.20
10	QPSK	50	0	20.74	20.74	20.87	22.20
10	16QAM	1	0	20.81	20.69	20.75	22.20
10	16QAM	1	25	20.74	20.72	20.60	22.20
10	16QAM	1	49	20.74	20.81	20.73	22.20
10	16QAM	25	0	20.70	20.80	20.60	22.20
10	16QAM	25	12	20.64	20.69	20.81	22.20
10	16QAM	25	25	20.70	20.64	20.66	22.20
10	16QAM	50	0	20.61	20.65	20.75	22.20
10	64QAM	1	0	20.63	20.78	20.82	22.20
10	64QAM	1	25	20.70	20.61	20.75	22.20
10	64QAM	1	49	20.81	20.63	20.55	22.20
10	64QAM	25	0	19.51	19.61	19.40	21.00
10	64QAM	25	12	19.63	19.53	19.47	21.00
10	64QAM	25	25	19.40	19.67	19.47	21.00
10	64QAM	50	0	19.54	19.39	19.57	21.00
10	256QAM	1	0	19.05	18.85	19.10	20.50
10	256QAM	1	25	19.13	18.97	19.07	20.50
10	256QAM	1	49	19.07	18.99	19.15	20.50
10	256QAM	25	0	17.56	17.46	17.60	19.00
10	256QAM	25	12	17.57	17.61	17.54	19.00
10	256QAM	25	25	17.74	17.48	17.58	19.00
10	256QAM	50	0	17.44	17.50	17.62	19.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	20.69	20.84	20.77	22.20
5	QPSK	1	12	20.74	20.76	20.76	22.20
5	QPSK	1	24	20.85	20.78	20.87	22.20
5	QPSK	12	0	20.75	20.81	20.86	22.20
5	QPSK	12	7	20.55	20.82	20.83	22.20
5	QPSK	12	13	20.74	20.82	20.82	22.20
5	QPSK	25	0	20.73	20.83	20.84	22.20
5	16QAM	1	0	20.83	20.71	20.72	22.20
5	16QAM	1	12	20.74	20.75	20.60	22.20
5	16QAM	1	24	20.81	20.78	20.74	22.20



FCC SAR Test Report

Report No. : FA572502

5	16QAM	12	0	20.73	20.75	20.58	22.20
5	16QAM	12	7	20.74	20.73	20.79	22.20
5	16QAM	12	13	20.70	20.61	20.59	22.20
5	16QAM	25	0	20.54	20.63	20.66	22.20
5	64QAM	1	0	20.70	20.85	20.76	22.20
5	64QAM	1	12	20.68	20.68	20.78	22.20
5	64QAM	1	24	20.79	20.72	20.57	22.20
5	64QAM	12	0	19.51	19.49	19.47	21.00
5	64QAM	12	7	19.58	19.49	19.44	21.00
5	64QAM	12	13	19.49	19.55	19.55	21.00
5	64QAM	25	0	19.55	19.46	19.62	21.00
5	256QAM	1	0	19.13	18.91	19.10	20.50
5	256QAM	1	12	19.04	18.94	19.05	20.50
5	256QAM	1	24	18.98	19.01	19.16	20.50
5	256QAM	12	0	17.55	17.43	17.65	19.00
5	256QAM	12	7	17.49	17.67	17.57	19.00
5	256QAM	12	13	17.69	17.51	17.58	19.00
5	256QAM	25	0	17.37	17.49	17.59	19.00
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	20.65	20.85	20.77	22.20
3	QPSK	1	8	20.67	20.88	20.73	22.20
3	QPSK	1	14	20.77	20.79	20.74	22.20
3	QPSK	8	0	20.68	20.79	20.87	22.20
3	QPSK	8	4	20.57	20.77	20.82	22.20
3	QPSK	8	7	20.82	20.76	20.79	22.20
3	QPSK	15	0	20.81	20.78	20.84	22.20
3	16QAM	1	0	20.83	20.67	20.75	22.20
3	16QAM	1	8	20.70	20.83	20.63	22.20
3	16QAM	1	14	20.76	20.85	20.76	22.20
3	16QAM	8	0	20.77	20.76	20.63	22.20
3	16QAM	8	4	20.68	20.76	20.86	22.20
3	16QAM	8	7	20.74	20.63	20.66	22.20
3	16QAM	15	0	20.64	20.66	20.72	22.20
3	64QAM	1	0	20.67	20.85	20.76	22.20
3	64QAM	1	8	20.74	20.60	20.83	22.20
3	64QAM	1	14	20.81	20.68	20.64	22.20
3	64QAM	8	0	19.44	19.58	19.49	21.00
3	64QAM	8	4	19.54	19.52	19.47	21.00
3	64QAM	8	7	19.47	19.55	19.50	21.00
3	64QAM	15	0	19.54	19.35	19.55	21.00
3	256QAM	1	0	19.12	18.91	19.04	20.50
3	256QAM	1	8	19.05	19.02	19.17	20.50
3	256QAM	1	14	19.05	19.06	19.14	20.50
3	256QAM	8	0	17.44	17.48	17.57	19.00
3	256QAM	8	4	17.53	17.60	17.54	19.00
3	256QAM	8	7	17.78	17.54	17.56	19.00
3	256QAM	15	0	17.41	17.44	17.58	19.00
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	20.62	20.90	20.81	22.20
1.4	QPSK	1	3	20.74	20.78	20.75	22.20
1.4	QPSK	1	5	20.88	20.75	20.82	22.20
1.4	QPSK	3	0	20.81	20.89	20.83	22.20
1.4	QPSK	3	1	20.64	20.81	20.77	22.20
1.4	QPSK	3	3	20.83	20.87	20.72	22.20
1.4	QPSK	6	0	20.80	20.85	20.77	22.20
1.4	16QAM	1	0	20.81	20.68	20.71	22.20
1.4	16QAM	1	3	20.74	20.84	20.56	22.20
1.4	16QAM	1	5	20.79	20.80	20.70	22.20
1.4	16QAM	3	0	20.71	20.80	20.58	22.20
1.4	16QAM	3	1	20.71	20.77	20.88	22.20
1.4	16QAM	3	3	20.75	20.63	20.65	22.20
1.4	16QAM	6	0	20.53	20.57	20.67	22.20
1.4	64QAM	1	0	20.69	20.79	20.76	22.20
1.4	64QAM	1	3	20.75	20.69	20.81	22.20
1.4	64QAM	1	5	20.80	20.65	20.58	22.20
1.4	64QAM	3	0	19.50	19.57	19.40	21.00
1.4	64QAM	3	1	19.65	19.49	19.48	21.00
1.4	64QAM	3	3	19.49	19.62	19.51	21.00
1.4	64QAM	6	0	19.49	19.36	19.55	21.00
1.4	256QAM	1	0	19.07	18.92	19.13	20.50
1.4	256QAM	1	3	19.16	18.98	19.10	20.50
1.4	256QAM	1	5	19.02	18.99	19.03	20.50



FCC SAR Test Report

Report No. : FA572502

1.4	256QAM	3	0	17.51	17.49	17.61	19.00
1.4	256QAM	3	1	17.57	17.61	17.58	19.00
1.4	256QAM	3	3	17.75	17.58	17.68	19.00
1.4	256QAM	6	0	17.42	17.39	17.56	19.00

【LTE Band 66_Ant 8_DSI 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				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	23.28	23.31	23.25	24.00
20	QPSK	1	49	23.12	23.28	23.17	24.00
20	QPSK	1	99	23.06	23.21	23.03	24.00
20	QPSK	50	0	23.21	23.25	23.16	24.00
20	QPSK	50	24	23.11	23.22	23.10	24.00
20	QPSK	50	50	23.14	23.18	23.05	24.00
20	QPSK	100	0	23.00	23.15	23.06	24.00
20	16QAM	1	0	23.07	23.11	23.02	24.00
20	16QAM	1	49	23.14	23.19	22.98	24.00
20	16QAM	1	99	23.03	23.16	22.98	24.00
20	16QAM	50	0	22.19	22.33	22.23	23.00
20	16QAM	50	24	22.15	22.31	22.13	23.00
20	16QAM	50	50	22.11	22.28	22.14	23.00
20	16QAM	100	0	22.19	22.25	22.14	23.00
20	64QAM	1	0	22.09	22.24	22.10	23.00
20	64QAM	1	49	22.06	22.21	22.11	23.00
20	64QAM	1	99	22.12	22.20	22.05	23.00
20	64QAM	50	0	20.25	20.36	20.22	21.00
20	64QAM	50	24	20.17	20.34	20.14	21.00
20	64QAM	50	50	20.15	20.32	20.19	21.00
20	64QAM	100	0	20.17	20.31	20.24	21.00
20	256QAM	1	0	19.74	19.81	19.74	20.50
20	256QAM	1	49	19.65	19.78	19.69	20.50
20	256QAM	1	99	19.72	19.76	19.66	20.50
20	256QAM	50	0	18.26	18.35	18.17	19.00
20	256QAM	50	24	18.19	18.33	18.18	19.00
20	256QAM	50	50	18.17	18.31	18.20	19.00
20	256QAM	100	0	18.24	18.29	18.21	19.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.22	23.20	23.20	24.00
15	QPSK	1	37	23.04	23.22	23.03	24.00
15	QPSK	1	74	23.01	23.15	22.94	24.00
15	QPSK	36	0	23.17	23.13	23.03	24.00
15	QPSK	36	20	23.05	23.15	23.07	24.00
15	QPSK	36	39	23.12	23.14	22.96	24.00
15	QPSK	75	0	22.90	23.10	22.92	24.00
15	16QAM	1	0	22.92	22.99	22.95	24.00
15	16QAM	1	37	23.00	23.09	22.97	24.00
15	16QAM	1	74	22.99	23.02	22.94	24.00
15	16QAM	36	0	22.09	22.23	22.18	23.00
15	16QAM	36	20	22.07	22.22	22.06	23.00
15	16QAM	36	39	21.96	22.24	22.06	23.00
15	16QAM	75	0	22.04	22.18	22.04	23.00
15	64QAM	1	0	22.01	22.15	22.04	23.00
15	64QAM	1	37	22.04	22.12	22.02	23.00
15	64QAM	1	74	22.07	22.15	21.90	23.00
15	64QAM	36	0	20.19	20.33	20.18	21.00
15	64QAM	36	20	20.14	20.26	20.00	21.00
15	64QAM	36	39	20.13	20.20	20.04	21.00
15	64QAM	75	0	20.12	20.28	20.15	21.00
15	256QAM	1	0	19.63	19.68	19.60	20.50
15	256QAM	1	37	19.60	19.64	19.63	20.50
15	256QAM	1	74	19.61	19.71	19.52	20.50
15	256QAM	36	0	18.21	18.29	18.07	19.00
15	256QAM	36	20	18.13	18.31	18.09	19.00
15	256QAM	36	39	18.04	18.24	18.05	19.00
15	256QAM	75	0	18.18	18.23	18.08	19.00
Channel				132022	132322	132622	Tune-up limit



FCC SAR Test Report

Report No. : FA572502

Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	23.23	23.18	23.12	24.00
10	QPSK	1	25	23.03	23.25	23.02	24.00
10	QPSK	1	49	23.05	23.12	22.99	24.00
10	QPSK	25	0	23.16	23.13	23.05	24.00
10	QPSK	25	12	23.07	23.11	23.01	24.00
10	QPSK	25	25	23.12	23.08	22.99	24.00
10	QPSK	50	0	22.87	23.01	23.05	24.00
10	16QAM	1	0	23.01	23.02	23.00	24.00
10	16QAM	1	25	23.07	23.10	22.95	24.00
10	16QAM	1	49	23.02	23.11	22.91	24.00
10	16QAM	25	0	22.16	22.29	22.22	23.00
10	16QAM	25	12	22.13	22.21	22.00	23.00
10	16QAM	25	25	21.98	22.23	22.04	23.00
10	16QAM	50	0	22.08	22.13	22.12	23.00
10	64QAM	1	0	22.03	22.23	22.08	23.00
10	64QAM	1	25	21.97	22.06	22.01	23.00
10	64QAM	1	49	21.99	22.14	21.94	23.00
10	64QAM	25	0	20.18	20.35	20.12	21.00
10	64QAM	25	12	20.10	20.24	20.10	21.00
10	64QAM	25	25	20.03	20.28	20.11	21.00
10	64QAM	50	0	20.14	20.22	20.21	21.00
10	256QAM	1	0	19.72	19.76	19.59	20.50
10	256QAM	1	25	19.53	19.72	19.63	20.50
10	256QAM	1	49	19.58	19.66	19.53	20.50
10	256QAM	25	0	18.18	18.27	18.03	19.00
10	256QAM	25	12	18.06	18.27	18.11	19.00
10	256QAM	25	25	18.16	18.21	18.08	19.00
10	256QAM	50	0	18.18	18.27	18.09	19.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	23.16	23.25	23.13	24.00
5	QPSK	1	12	23.05	23.22	23.02	24.00
5	QPSK	1	24	22.92	23.10	22.95	24.00
5	QPSK	12	0	23.17	23.11	23.05	24.00
5	QPSK	12	7	22.99	23.10	22.98	24.00
5	QPSK	12	13	23.13	23.10	22.97	24.00
5	QPSK	25	0	22.91	23.00	23.04	24.00
5	16QAM	1	0	23.01	23.04	22.97	24.00
5	16QAM	1	12	23.09	23.10	22.87	24.00
5	16QAM	1	24	22.88	23.09	22.94	24.00
5	16QAM	12	0	22.11	22.25	22.18	23.00
5	16QAM	12	7	22.05	22.18	21.98	23.00
5	16QAM	12	13	22.03	22.18	22.10	23.00
5	16QAM	25	0	22.17	22.10	22.03	23.00
5	64QAM	1	0	22.00	22.20	22.04	23.00
5	64QAM	1	12	21.97	22.18	21.99	23.00
5	64QAM	1	24	22.02	22.16	22.02	23.00
5	64QAM	12	0	20.22	20.23	20.18	21.00
5	64QAM	12	7	20.03	20.32	20.03	21.00
5	64QAM	12	13	20.07	20.22	20.09	21.00
5	64QAM	25	0	20.16	20.29	20.18	21.00
5	256QAM	1	0	19.59	19.67	19.69	20.50
5	256QAM	1	12	19.53	19.76	19.54	20.50
5	256QAM	1	24	19.65	19.67	19.55	20.50
5	256QAM	12	0	18.23	18.26	18.04	19.00
5	256QAM	12	7	18.12	18.24	18.10	19.00
5	256QAM	12	13	18.13	18.27	18.16	19.00
5	256QAM	25	0	18.09	18.18	18.08	19.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	23.24	23.19	23.22	24.00
3	QPSK	1	8	23.06	23.25	23.12	24.00
3	QPSK	1	14	22.96	23.20	22.97	24.00
3	QPSK	8	0	23.14	23.14	23.09	24.00
3	QPSK	8	4	23.09	23.17	23.01	24.00
3	QPSK	8	7	23.02	23.14	23.01	24.00
3	QPSK	15	0	22.97	23.05	23.01	24.00
3	16QAM	1	0	23.04	23.04	22.94	24.00
3	16QAM	1	8	23.11	23.12	22.90	24.00
3	16QAM	1	14	22.98	23.12	22.91	24.00
3	16QAM	8	0	22.18	22.30	22.13	23.00
3	16QAM	8	4	22.07	22.24	22.05	23.00
3	16QAM	8	7	22.06	22.24	22.04	23.00



FCC SAR Test Report

Report No. : FA572502

3	16QAM	15	0	22.09	22.23	22.03	23.00
3	64QAM	1	0	22.07	22.18	22.06	23.00
3	64QAM	1	8	22.03	22.08	22.07	23.00
3	64QAM	1	14	22.09	22.07	22.00	23.00
3	64QAM	8	0	20.23	20.31	20.12	21.00
3	64QAM	8	4	20.11	20.25	20.00	21.00
3	64QAM	8	7	20.06	20.27	20.09	21.00
3	64QAM	15	0	20.10	20.26	20.12	21.00
3	256QAM	1	0	19.68	19.78	19.64	20.50
3	256QAM	1	8	19.62	19.70	19.60	20.50
3	256QAM	1	14	19.64	19.64	19.63	20.50
3	256QAM	8	0	18.12	18.24	18.02	19.00
3	256QAM	8	4	18.10	18.28	18.13	19.00
3	256QAM	8	7	18.15	18.26	18.17	19.00
3	256QAM	15	0	18.16	18.23	18.10	19.00
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	23.18	23.17	23.20	24.00
1.4	QPSK	1	3	23.10	23.24	23.09	24.00
1.4	QPSK	1	5	23.01	23.14	22.96	24.00
1.4	QPSK	3	0	23.16	23.14	23.01	24.00
1.4	QPSK	3	1	23.06	23.16	22.98	24.00
1.4	QPSK	3	3	23.08	23.13	23.03	24.00
1.4	QPSK	6	0	21.98	22.08	22.00	23.00
1.4	16QAM	1	0	22.01	22.06	21.94	23.00
1.4	16QAM	1	3	22.02	22.05	21.88	23.00
1.4	16QAM	1	5	21.99	22.08	21.89	23.00
1.4	16QAM	3	0	22.14	22.23	22.17	23.00
1.4	16QAM	3	1	22.08	22.25	22.00	23.00
1.4	16QAM	3	3	21.97	22.26	22.06	23.00
1.4	16QAM	6	0	21.15	21.18	21.12	22.00
1.4	64QAM	1	0	21.07	21.18	21.03	22.00
1.4	64QAM	1	3	20.93	21.11	21.05	22.00
1.4	64QAM	1	5	21.10	21.11	20.96	22.00
1.4	64QAM	3	0	21.14	21.25	21.20	22.00
1.4	64QAM	3	1	21.03	21.29	21.03	22.00
1.4	64QAM	3	3	21.05	21.23	21.17	22.00
1.4	64QAM	6	0	20.05	20.26	20.16	21.00
1.4	256QAM	1	0	18.16	18.26	18.11	19.00
1.4	256QAM	1	3	18.07	18.19	18.10	19.00
1.4	256QAM	1	5	18.16	18.21	18.09	19.00
1.4	256QAM	3	0	18.17	18.20	18.13	19.00
1.4	256QAM	3	1	18.18	18.30	18.04	19.00
1.4	256QAM	3	3	18.11	18.30	18.12	19.00
1.4	256QAM	6	0	18.15	18.23	18.09	19.00

【LTE Band 66_Ant 8_DSI 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				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	23.28	23.31	23.25	24.00
20	QPSK	1	49	23.12	23.28	23.17	24.00
20	QPSK	1	99	23.06	23.21	23.03	24.00
20	QPSK	50	0	23.21	23.25	23.16	24.00
20	QPSK	50	24	23.11	23.22	23.10	24.00
20	QPSK	50	50	23.14	23.18	23.05	24.00
20	QPSK	100	0	23.00	23.15	23.06	24.00
20	16QAM	1	0	23.07	23.11	23.02	24.00
20	16QAM	1	49	23.14	23.19	22.98	24.00
20	16QAM	1	99	23.03	23.16	22.98	24.00
20	16QAM	50	0	22.19	22.33	22.23	23.00
20	16QAM	50	24	22.15	22.31	22.13	23.00
20	16QAM	50	50	22.11	22.28	22.14	23.00
20	16QAM	100	0	22.19	22.25	22.14	23.00
20	64QAM	1	0	22.09	22.24	22.10	23.00
20	64QAM	1	49	22.06	22.21	22.11	23.00
20	64QAM	1	99	22.12	22.20	22.05	23.00
20	64QAM	50	0	20.25	20.36	20.22	21.00



FCC SAR Test Report

Report No. : FA572502

20	64QAM	50	24	20.17	20.34	20.14	21.00
20	64QAM	50	50	20.15	20.32	20.19	21.00
20	64QAM	100	0	20.17	20.31	20.24	21.00
20	256QAM	1	0	19.74	19.81	19.74	20.50
20	256QAM	1	49	19.65	19.78	19.69	20.50
20	256QAM	1	99	19.72	19.76	19.66	20.50
20	256QAM	50	0	18.26	18.35	18.17	19.00
20	256QAM	50	24	18.19	18.33	18.18	19.00
20	256QAM	50	50	18.17	18.31	18.20	19.00
20	256QAM	100	0	18.24	18.29	18.21	19.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.22	23.20	23.20	24.00
15	QPSK	1	37	23.04	23.22	23.03	24.00
15	QPSK	1	74	23.01	23.15	22.94	24.00
15	QPSK	36	0	23.17	23.13	23.03	24.00
15	QPSK	36	20	23.05	23.15	23.07	24.00
15	QPSK	36	39	23.12	23.14	22.96	24.00
15	QPSK	75	0	22.90	23.10	22.92	24.00
15	16QAM	1	0	22.92	22.99	22.95	24.00
15	16QAM	1	37	23.00	23.09	22.97	24.00
15	16QAM	1	74	22.99	23.02	22.94	24.00
15	16QAM	36	0	22.09	22.23	22.18	23.00
15	16QAM	36	20	22.07	22.22	22.06	23.00
15	16QAM	36	39	21.96	22.24	22.06	23.00
15	16QAM	75	0	22.04	22.18	22.04	23.00
15	64QAM	1	0	22.01	22.15	22.04	23.00
15	64QAM	1	37	22.04	22.12	22.02	23.00
15	64QAM	1	74	22.07	22.15	21.90	23.00
15	64QAM	36	0	20.19	20.33	20.18	21.00
15	64QAM	36	20	20.14	20.26	20.00	21.00
15	64QAM	36	39	20.13	20.20	20.04	21.00
15	64QAM	75	0	20.12	20.28	20.15	21.00
15	256QAM	1	0	19.63	19.68	19.60	20.50
15	256QAM	1	37	19.60	19.64	19.63	20.50
15	256QAM	1	74	19.61	19.71	19.52	20.50
15	256QAM	36	0	18.21	18.29	18.07	19.00
15	256QAM	36	20	18.13	18.31	18.09	19.00
15	256QAM	36	39	18.04	18.24	18.05	19.00
15	256QAM	75	0	18.18	18.23	18.08	19.00
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	23.23	23.18	23.12	24.00
10	QPSK	1	25	23.03	23.25	23.02	24.00
10	QPSK	1	49	23.05	23.12	22.99	24.00
10	QPSK	25	0	23.16	23.13	23.05	24.00
10	QPSK	25	12	23.07	23.11	23.01	24.00
10	QPSK	25	25	23.12	23.08	22.99	24.00
10	QPSK	50	0	22.87	23.01	23.05	24.00
10	16QAM	1	0	23.01	23.02	23.00	24.00
10	16QAM	1	25	23.07	23.10	22.95	24.00
10	16QAM	1	49	23.02	23.11	22.91	24.00
10	16QAM	25	0	22.16	22.29	22.22	23.00
10	16QAM	25	12	22.13	22.21	22.00	23.00
10	16QAM	25	25	21.98	22.23	22.04	23.00
10	16QAM	50	0	22.08	22.13	22.12	23.00
10	64QAM	1	0	22.03	22.23	22.08	23.00
10	64QAM	1	25	21.97	22.06	22.01	23.00
10	64QAM	1	49	21.99	22.14	21.94	23.00
10	64QAM	25	0	20.18	20.35	20.12	21.00
10	64QAM	25	12	20.10	20.24	20.10	21.00
10	64QAM	25	25	20.03	20.28	20.11	21.00
10	64QAM	50	0	20.14	20.22	20.21	21.00
10	256QAM	1	0	19.72	19.76	19.59	20.50
10	256QAM	1	25	19.53	19.72	19.63	20.50
10	256QAM	1	49	19.58	19.66	19.53	20.50
10	256QAM	25	0	18.18	18.27	18.03	19.00
10	256QAM	25	12	18.06	18.27	18.11	19.00
10	256QAM	25	25	18.16	18.21	18.08	19.00
10	256QAM	50	0	18.18	18.27	18.09	19.00
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	23.16	23.25	23.13	24.00
5	QPSK	1	12	23.05	23.22	23.02	24.00



FCC SAR Test Report

Report No. : FA572502

5	QPSK	1	24	22.92	23.10	22.95	24.00
5	QPSK	12	0	23.17	23.11	23.05	24.00
5	QPSK	12	7	22.99	23.10	22.98	24.00
5	QPSK	12	13	23.13	23.10	22.97	24.00
5	QPSK	25	0	22.91	23.00	23.04	24.00
5	16QAM	1	0	23.01	23.04	22.97	24.00
5	16QAM	1	12	23.09	23.10	22.87	24.00
5	16QAM	1	24	22.88	23.09	22.94	24.00
5	16QAM	12	0	22.11	22.25	22.18	23.00
5	16QAM	12	7	22.05	22.18	21.98	23.00
5	16QAM	12	13	22.03	22.18	22.10	23.00
5	16QAM	25	0	22.17	22.10	22.03	23.00
5	64QAM	1	0	22.00	22.20	22.04	23.00
5	64QAM	1	12	21.97	22.18	21.99	23.00
5	64QAM	1	24	22.02	22.16	22.02	23.00
5	64QAM	12	0	20.22	20.23	20.18	21.00
5	64QAM	12	7	20.03	20.32	20.03	21.00
5	64QAM	12	13	20.07	20.22	20.09	21.00
5	64QAM	25	0	20.16	20.29	20.18	21.00
5	256QAM	1	0	19.59	19.67	19.69	20.50
5	256QAM	1	12	19.53	19.76	19.54	20.50
5	256QAM	1	24	19.65	19.67	19.55	20.50
5	256QAM	12	0	18.23	18.26	18.04	19.00
5	256QAM	12	7	18.12	18.24	18.10	19.00
5	256QAM	12	13	18.13	18.27	18.16	19.00
5	256QAM	25	0	18.09	18.18	18.08	19.00
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	23.24	23.19	23.22	24.00
3	QPSK	1	8	23.06	23.25	23.12	24.00
3	QPSK	1	14	22.96	23.20	22.97	24.00
3	QPSK	8	0	23.14	23.14	23.09	24.00
3	QPSK	8	4	23.09	23.17	23.01	24.00
3	QPSK	8	7	23.02	23.14	23.01	24.00
3	QPSK	15	0	22.97	23.05	23.01	24.00
3	16QAM	1	0	23.04	23.04	22.94	24.00
3	16QAM	1	8	23.11	23.12	22.90	24.00
3	16QAM	1	14	22.98	23.12	22.91	24.00
3	16QAM	8	0	22.18	22.30	22.13	23.00
3	16QAM	8	4	22.07	22.24	22.05	23.00
3	16QAM	8	7	22.06	22.24	22.04	23.00
3	16QAM	15	0	22.09	22.23	22.03	23.00
3	64QAM	1	0	22.07	22.18	22.06	23.00
3	64QAM	1	8	22.03	22.08	22.07	23.00
3	64QAM	1	14	22.09	22.07	22.00	23.00
3	64QAM	8	0	20.23	20.31	20.12	21.00
3	64QAM	8	4	20.11	20.25	20.00	21.00
3	64QAM	8	7	20.06	20.27	20.09	21.00
3	64QAM	15	0	20.10	20.26	20.12	21.00
3	256QAM	1	0	19.68	19.78	19.64	20.50
3	256QAM	1	8	19.62	19.70	19.60	20.50
3	256QAM	1	14	19.64	19.64	19.63	20.50
3	256QAM	8	0	18.12	18.24	18.02	19.00
3	256QAM	8	4	18.10	18.28	18.13	19.00
3	256QAM	8	7	18.15	18.26	18.17	19.00
3	256QAM	15	0	18.16	18.23	18.10	19.00
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	23.18	23.17	23.20	24.00
1.4	QPSK	1	3	23.10	23.24	23.09	24.00
1.4	QPSK	1	5	23.01	23.14	22.96	24.00
1.4	QPSK	3	0	23.16	23.14	23.01	24.00
1.4	QPSK	3	1	23.06	23.16	22.98	24.00
1.4	QPSK	3	3	23.08	23.13	23.03	24.00
1.4	QPSK	6	0	21.98	22.08	22.00	23.00
1.4	16QAM	1	0	22.01	22.06	21.94	23.00
1.4	16QAM	1	3	22.02	22.05	21.88	23.00
1.4	16QAM	1	5	21.99	22.08	21.89	23.00
1.4	16QAM	3	0	22.14	22.23	22.17	23.00
1.4	16QAM	3	1	22.08	22.25	22.00	23.00
1.4	16QAM	3	3	21.97	22.26	22.06	23.00
1.4	16QAM	6	0	21.15	21.18	21.12	22.00
1.4	64QAM	1	0	21.07	21.18	21.03	22.00
1.4	64QAM	1	3	20.93	21.11	21.05	22.00



1.4	64QAM	1	5	21.10	21.11	20.96	22.00
1.4	64QAM	3	0	21.14	21.25	21.20	22.00
1.4	64QAM	3	1	21.03	21.29	21.03	22.00
1.4	64QAM	3	3	21.05	21.23	21.17	22.00
1.4	64QAM	6	0	20.05	20.26	20.16	21.00
1.4	256QAM	1	0	18.16	18.26	18.11	19.00
1.4	256QAM	1	3	18.07	18.19	18.10	19.00
1.4	256QAM	1	5	18.16	18.21	18.09	19.00
1.4	256QAM	3	0	18.17	18.20	18.13	19.00
1.4	256QAM	3	1	18.18	18.30	18.04	19.00
1.4	256QAM	3	3	18.11	18.30	18.12	19.00
1.4	256QAM	6	0	18.15	18.23	18.09	19.00

【LTE Band 66_Ant 8_DSI 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	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	19.25	19.28	19.21	20.30
20	QPSK	1	49	19.13	18.99	19.21	20.30
20	QPSK	1	99	19.06	19.07	19.19	20.30
20	QPSK	50	0	19.10	19.25	19.19	20.30
20	QPSK	50	24	19.04	19.19	19.13	20.30
20	QPSK	50	50	19.10	19.20	19.03	20.30
20	QPSK	100	0	19.15	19.21	19.20	20.30
20	16QAM	1	0	19.19	19.03	19.18	20.30
20	16QAM	1	49	19.11	19.07	19.04	20.30
20	16QAM	1	99	19.04	19.09	19.06	20.30
20	16QAM	50	0	19.00	19.16	18.99	20.30
20	16QAM	50	24	19.17	19.09	19.04	20.30
20	16QAM	50	50	19.03	19.05	19.01	20.30
20	16QAM	100	0	18.98	18.99	19.03	20.30
20	64QAM	1	0	19.16	19.21	19.03	20.30
20	64QAM	1	49	19.08	19.05	19.04	20.30
20	64QAM	1	99	19.10	18.98	19.13	20.30
20	64QAM	50	0	19.19	19.16	19.19	20.30
20	64QAM	50	24	19.04	19.01	19.20	20.30
20	64QAM	50	50	19.06	19.09	18.99	20.30
20	64QAM	100	0	19.22	19.01	19.07	20.30
20	256QAM	1	0	19.20	19.06	19.12	20.30
20	256QAM	1	49	19.00	19.19	19.13	20.30
20	256QAM	1	99	19.19	19.14	19.19	20.30
20	256QAM	50	0	17.75	17.71	17.70	19.00
20	256QAM	50	24	17.74	17.80	17.77	19.00
20	256QAM	50	50	17.70	17.76	17.72	19.00
20	256QAM	100	0	17.60	17.78	17.70	19.00
Channel				132047	132322	132597	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	19.12	19.23	19.07	20.30
15	QPSK	1	37	19.08	18.93	19.18	20.30
15	QPSK	1	74	18.95	18.94	19.10	20.30
15	QPSK	36	0	19.03	19.22	18.99	20.30
15	QPSK	36	20	18.94	19.13	19.01	20.30
15	QPSK	36	39	18.99	19.14	18.96	20.30
15	QPSK	75	0	19.10	19.09	19.07	20.30
15	16QAM	1	0	19.06	18.98	19.05	20.30
15	16QAM	1	37	18.97	18.95	18.94	20.30
15	16QAM	1	74	18.93	19.01	18.98	20.30
15	16QAM	36	0	18.89	19.05	18.86	20.30
15	16QAM	36	20	19.10	19.02	18.96	20.30
15	16QAM	36	39	18.96	18.91	18.96	20.30
15	16QAM	75	0	18.91	18.95	18.93	20.30
15	64QAM	1	0	19.10	19.07	19.01	20.30
15	64QAM	1	37	18.97	18.95	19.00	20.30
15	64QAM	1	74	18.99	18.88	19.10	20.30
15	64QAM	36	0	19.16	19.10	19.13	20.30
15	64QAM	36	20	19.01	18.98	19.16	20.30
15	64QAM	36	39	19.04	19.04	18.86	20.30
15	64QAM	75	0	19.10	18.93	19.03	20.30



FCC SAR Test Report

Report No. : FA572502

15	256QAM	1	0	19.07	18.96	18.99	20.30
15	256QAM	1	37	18.91	19.07	19.06	20.30
15	256QAM	1	74	19.11	19.00	19.10	20.30
15	256QAM	36	0	17.73	17.64	17.66	19.00
15	256QAM	36	20	17.72	17.77	17.73	19.00
15	256QAM	36	39	17.62	17.66	17.59	19.00
15	256QAM	75	0	17.52	17.74	17.69	19.00
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	19.15	19.24	19.10	20.30
10	QPSK	1	25	19.03	18.97	19.12	20.30
10	QPSK	1	49	18.93	19.01	19.06	20.30
10	QPSK	25	0	18.97	19.23	18.93	20.30
10	QPSK	25	12	19.03	19.08	19.07	20.30
10	QPSK	25	25	18.96	19.07	19.00	20.30
10	QPSK	50	0	19.05	19.12	19.13	20.30
10	16QAM	1	0	19.06	18.93	19.05	20.30
10	16QAM	1	25	19.08	18.92	18.95	20.30
10	16QAM	1	49	18.90	19.02	18.91	20.30
10	16QAM	25	0	18.95	19.07	18.94	20.30
10	16QAM	25	12	19.15	18.94	18.99	20.30
10	16QAM	25	25	19.00	18.98	18.88	20.30
10	16QAM	50	0	18.86	18.96	19.01	20.30
10	64QAM	1	0	19.12	19.12	19.02	20.30
10	64QAM	1	25	19.04	18.92	18.95	20.30
10	64QAM	1	49	18.97	18.96	19.09	20.30
10	64QAM	25	0	19.11	19.13	19.12	20.30
10	64QAM	25	12	18.94	18.88	19.13	20.30
10	64QAM	25	25	19.04	18.99	18.84	20.30
10	64QAM	50	0	19.18	18.99	19.04	20.30
10	256QAM	1	0	19.07	18.98	19.10	20.30
10	256QAM	1	25	18.89	19.05	19.11	20.30
10	256QAM	1	49	19.06	19.04	19.08	20.30
10	256QAM	25	0	17.73	17.60	17.61	19.00
10	256QAM	25	12	17.67	17.74	17.66	19.00
10	256QAM	25	25	17.64	17.68	17.62	19.00
10	256QAM	50	0	17.57	17.75	17.62	19.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	19.11	19.17	19.20	20.30
5	QPSK	1	12	19.02	18.90	19.18	20.30
5	QPSK	1	24	19.00	19.05	19.04	20.30
5	QPSK	12	0	19.06	19.20	18.98	20.30
5	QPSK	12	7	19.01	19.17	19.00	20.30
5	QPSK	12	13	19.00	19.18	18.98	20.30
5	QPSK	25	0	19.06	19.19	19.14	20.30
5	16QAM	1	0	19.08	18.88	19.16	20.30
5	16QAM	1	12	19.06	19.02	18.90	20.30
5	16QAM	1	24	18.99	18.94	19.02	20.30
5	16QAM	12	0	18.97	19.14	18.86	20.30
5	16QAM	12	7	19.13	19.01	18.94	20.30
5	16QAM	12	13	19.01	18.90	18.91	20.30
5	16QAM	25	0	18.90	18.85	18.95	20.30
5	64QAM	1	0	19.13	19.11	18.89	20.30
5	64QAM	1	12	19.06	19.03	19.01	20.30
5	64QAM	1	24	19.04	18.87	18.99	20.30
5	64QAM	12	0	19.08	19.10	19.13	20.30
5	64QAM	12	7	18.95	18.94	19.12	20.30
5	64QAM	12	13	19.03	19.07	18.86	20.30
5	64QAM	25	0	19.15	18.90	18.96	20.30
5	256QAM	1	0	19.08	18.97	19.11	20.30
5	256QAM	1	12	18.94	19.13	19.02	20.30
5	256QAM	1	24	19.07	19.01	19.07	20.30
5	256QAM	12	0	17.74	17.64	17.60	19.00
5	256QAM	12	7	17.63	17.73	17.71	19.00
5	256QAM	12	13	17.62	17.67	17.65	19.00
5	256QAM	25	0	17.47	17.71	17.57	19.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	19.13	19.25	19.12	20.30
3	QPSK	1	8	19.10	18.97	19.15	20.30
3	QPSK	1	14	19.02	18.95	19.07	20.30
3	QPSK	8	0	18.95	19.17	18.97	20.30
3	QPSK	8	4	19.00	19.07	19.09	20.30



3	QPSK	8	7	19.09	19.05	18.90	20.30
3	QPSK	15	0	19.00	19.15	19.08	20.30
3	16QAM	1	0	19.10	18.92	19.06	20.30
3	16QAM	1	8	19.07	19.01	19.01	20.30
3	16QAM	1	14	18.96	19.02	18.96	20.30
3	16QAM	8	0	18.95	19.11	18.85	20.30
3	16QAM	8	4	19.11	18.95	18.99	20.30
3	16QAM	8	7	18.91	18.98	18.98	20.30
3	16QAM	15	0	18.84	18.93	18.95	20.30
3	64QAM	1	0	19.02	19.09	18.92	20.30
3	64QAM	1	8	18.93	19.01	19.00	20.30
3	64QAM	1	14	19.03	18.96	18.99	20.30
3	64QAM	8	0	19.05	19.12	19.05	20.30
3	64QAM	8	4	18.90	18.99	19.06	20.30
3	64QAM	8	7	18.93	19.04	18.85	20.30
3	64QAM	15	0	19.17	18.97	19.02	20.30
3	256QAM	1	0	19.16	18.94	19.10	20.30
3	256QAM	1	8	18.86	19.16	18.99	20.30
3	256QAM	1	14	19.10	19.03	19.12	20.30
3	256QAM	8	0	17.68	17.58	17.67	19.00
3	256QAM	8	4	17.65	17.71	17.69	19.00
3	256QAM	8	7	17.55	17.72	17.60	19.00
3	256QAM	15	0	17.51	17.75	17.66	19.00
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	19.24	19.26	19.13	20.30
1.4	QPSK	1	3	19.09	18.98	19.08	20.30
1.4	QPSK	1	5	18.98	18.99	19.15	20.30
1.4	QPSK	3	0	18.96	19.16	19.00	20.30
1.4	QPSK	3	1	19.02	19.13	19.09	20.30
1.4	QPSK	3	3	19.03	19.16	18.98	20.30
1.4	QPSK	6	0	19.03	19.09	19.09	20.30
1.4	16QAM	1	0	19.11	18.93	19.08	20.30
1.4	16QAM	1	3	19.05	18.95	18.98	20.30
1.4	16QAM	1	5	18.92	18.97	18.96	20.30
1.4	16QAM	3	0	18.96	19.15	18.88	20.30
1.4	16QAM	3	1	19.10	18.98	19.02	20.30
1.4	16QAM	3	3	18.97	18.97	18.92	20.30
1.4	16QAM	6	0	18.85	18.95	18.95	20.30
1.4	64QAM	1	0	19.06	19.13	18.99	20.30
1.4	64QAM	1	3	19.07	18.96	18.94	20.30
1.4	64QAM	1	5	19.06	18.84	19.11	20.30
1.4	64QAM	3	0	19.15	19.05	19.08	20.30
1.4	64QAM	3	1	18.90	18.94	19.15	20.30
1.4	64QAM	3	3	18.99	19.04	18.93	20.30
1.4	64QAM	6	0	19.20	18.87	18.93	20.30
1.4	256QAM	1	0	17.77	17.63	17.79	19.00
1.4	256QAM	1	3	17.55	17.80	17.78	19.00
1.4	256QAM	1	5	17.87	17.71	17.87	19.00
1.4	256QAM	3	0	17.73	17.61	17.63	19.00
1.4	256QAM	3	1	17.67	17.68	17.66	19.00
1.4	256QAM	3	3	17.63	17.72	17.61	19.00
1.4	256QAM	6	0	17.55	17.67	17.62	19.00

【LTE Band 71_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				133222	133297	133372	
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	23.39	23.61	23.59	24.00
20	QPSK	1	49	23.22	23.57	23.43	24.00
20	QPSK	1	99	23.26	23.56	23.40	24.00
20	QPSK	50	0	23.23	23.55	23.43	24.00
20	QPSK	50	24	23.28	23.54	23.38	24.00
20	QPSK	50	50	23.13	23.47	23.40	24.00
20	QPSK	100	0	23.23	23.47	23.34	24.00
20	16QAM	1	0	23.17	23.52	23.45	24.00
20	16QAM	1	49	23.17	23.44	23.28	24.00
20	16QAM	1	99	23.27	23.53	23.42	24.00



FCC SAR Test Report

Report No. : FA572502

20	16QAM	50	0	23.09	23.34	23.21	24.00
20	16QAM	50	24	23.15	23.40	23.31	24.00
20	16QAM	50	50	23.12	23.39	23.25	24.00
20	16QAM	100	0	23.11	23.38	23.27	24.00
20	64QAM	1	0	23.03	23.31	23.20	24.00
20	64QAM	1	49	23.11	23.45	23.32	24.00
20	64QAM	1	99	23.12	23.35	23.30	24.00
20	64QAM	50	0	22.12	22.42	22.33	23.00
20	64QAM	50	24	22.12	22.38	22.22	23.00
20	64QAM	50	50	22.11	22.40	22.25	23.00
20	64QAM	100	0	22.06	22.35	22.31	23.00
20	256QAM	1	0	20.23	20.43	20.30	21.00
20	256QAM	1	49	20.15	20.48	20.39	21.00
20	256QAM	1	99	20.09	20.36	20.24	21.00
20	256QAM	50	0	20.05	20.32	20.16	21.00
20	256QAM	50	24	20.12	20.40	20.25	21.00
20	256QAM	50	50	20.22	20.43	20.34	21.00
20	256QAM	100	0	20.11	20.33	20.24	21.00
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	23.25	23.56	23.50	24.00
15	QPSK	1	37	23.08	23.48	23.39	24.00
15	QPSK	1	74	23.13	23.42	23.33	24.00
15	QPSK	36	0	23.10	23.51	23.37	24.00
15	QPSK	36	20	23.14	23.47	23.27	24.00
15	QPSK	36	39	23.06	23.41	23.29	24.00
15	QPSK	75	0	23.15	23.35	23.23	24.00
15	16QAM	1	0	23.06	23.48	23.36	24.00
15	16QAM	1	37	23.15	23.38	23.15	24.00
15	16QAM	1	74	23.16	23.51	23.30	24.00
15	16QAM	36	0	23.03	23.27	23.15	24.00
15	16QAM	36	20	23.11	23.33	23.30	24.00
15	16QAM	36	39	23.09	23.34	23.11	24.00
15	16QAM	75	0	22.98	23.36	23.25	24.00
15	64QAM	1	0	22.88	23.25	23.05	24.00
15	64QAM	1	37	22.99	23.31	23.21	24.00
15	64QAM	1	74	23.10	23.33	23.28	24.00
15	64QAM	36	0	22.04	22.30	22.19	23.00
15	64QAM	36	20	22.08	22.29	22.10	23.00
15	64QAM	36	39	22.01	22.31	22.15	23.00
15	64QAM	75	0	21.98	22.28	22.27	23.00
15	256QAM	1	0	20.11	20.37	20.28	21.00
15	256QAM	1	37	20.00	20.35	20.33	21.00
15	256QAM	1	74	19.96	20.24	20.17	21.00
15	256QAM	36	0	20.03	20.26	20.01	21.00
15	256QAM	36	20	19.97	20.29	20.12	21.00
15	256QAM	36	39	20.12	20.40	20.28	21.00
15	256QAM	75	0	20.03	20.23	20.10	21.00
Channel				133172	133297	133422	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	23.37	23.53	23.56	24.00
10	QPSK	1	25	23.09	23.49	23.34	24.00
10	QPSK	1	49	23.23	23.44	23.28	24.00
10	QPSK	25	0	23.14	23.52	23.32	24.00
10	QPSK	25	12	23.22	23.50	23.31	24.00
10	QPSK	25	25	23.04	23.40	23.39	24.00
10	QPSK	50	0	23.22	23.45	23.24	24.00
10	16QAM	1	0	23.06	23.41	23.39	24.00
10	16QAM	1	25	23.06	23.35	23.13	24.00
10	16QAM	1	49	23.24	23.44	23.33	24.00
10	16QAM	25	0	23.07	23.26	23.07	24.00
10	16QAM	25	12	23.11	23.28	23.28	24.00
10	16QAM	25	25	23.06	23.25	23.19	24.00
10	16QAM	50	0	23.08	23.29	23.20	24.00
10	64QAM	1	0	22.98	23.28	23.06	24.00
10	64QAM	1	25	23.08	23.43	23.25	24.00
10	64QAM	1	49	22.99	23.33	23.15	24.00
10	64QAM	25	0	22.10	22.38	22.27	23.00
10	64QAM	25	12	22.01	22.29	22.09	23.00
10	64QAM	25	25	22.01	22.27	22.19	23.00
10	64QAM	50	0	21.93	22.33	22.23	23.00
10	256QAM	1	0	20.19	20.36	20.22	21.00
10	256QAM	1	25	20.14	20.37	20.32	21.00
10	256QAM	1	49	20.07	20.23	20.21	21.00



10	256QAM	25	0	19.92	20.30	20.15	21.00
10	256QAM	25	12	20.10	20.25	20.24	21.00
10	256QAM	25	25	20.09	20.29	20.22	21.00
10	256QAM	50	0	19.99	20.30	20.11	21.00
Channel				133147	133297	133447	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	QPSK	1	0	23.26	23.47	23.44	24.00
5	QPSK	1	12	23.12	23.50	23.32	24.00
5	QPSK	1	24	23.22	23.47	23.27	24.00
5	QPSK	12	0	23.20	23.53	23.33	24.00
5	QPSK	12	7	23.24	23.43	23.26	24.00
5	QPSK	12	13	23.07	23.40	23.35	24.00
5	QPSK	25	0	23.10	23.45	23.24	24.00
5	16QAM	1	0	23.11	23.46	23.35	24.00
5	16QAM	1	12	23.11	23.32	23.22	24.00
5	16QAM	1	24	23.15	23.48	23.27	24.00
5	16QAM	12	0	22.99	23.29	23.10	24.00
5	16QAM	12	7	23.02	23.26	23.24	24.00
5	16QAM	12	13	23.05	23.26	23.19	24.00
5	16QAM	25	0	23.02	23.37	23.24	24.00
5	64QAM	1	0	22.99	23.21	23.10	24.00
5	64QAM	1	12	23.02	23.31	23.25	24.00
5	64QAM	1	24	23.08	23.31	23.23	24.00
5	64QAM	12	0	21.98	22.36	22.30	23.00
5	64QAM	12	7	22.05	22.25	22.18	23.00
5	64QAM	12	13	22.00	22.38	22.15	23.00
5	64QAM	25	0	21.93	22.21	22.18	23.00
5	256QAM	1	0	20.21	20.28	20.23	21.00
5	256QAM	1	12	20.05	20.43	20.33	21.00
5	256QAM	1	24	20.04	20.24	20.18	21.00
5	256QAM	12	0	20.03	20.21	20.03	21.00
5	256QAM	12	7	19.98	20.35	20.20	21.00
5	256QAM	12	13	20.11	20.38	20.23	21.00
5	256QAM	25	0	20.10	20.28	20.14	21.00

【LTE Band 71_Ant 0_DSI 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				133222	133297	133372	
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	23.39	23.61	23.59	24.00
20	QPSK	1	49	23.22	23.57	23.43	24.00
20	QPSK	1	99	23.26	23.56	23.40	24.00
20	QPSK	50	0	23.23	23.55	23.43	24.00
20	QPSK	50	24	23.28	23.54	23.38	24.00
20	QPSK	50	50	23.13	23.47	23.40	24.00
20	QPSK	100	0	23.23	23.47	23.34	24.00
20	16QAM	1	0	23.17	23.52	23.45	24.00
20	16QAM	1	49	23.17	23.44	23.28	24.00
20	16QAM	1	99	23.27	23.53	23.42	24.00
20	16QAM	50	0	23.09	23.34	23.21	24.00
20	16QAM	50	24	23.15	23.40	23.31	24.00
20	16QAM	50	50	23.12	23.39	23.25	24.00
20	16QAM	100	0	23.11	23.38	23.27	24.00
20	64QAM	1	0	23.03	23.31	23.20	24.00
20	64QAM	1	49	23.11	23.45	23.32	24.00
20	64QAM	1	99	23.12	23.35	23.30	24.00
20	64QAM	50	0	22.12	22.42	22.33	23.00
20	64QAM	50	24	22.12	22.38	22.22	23.00
20	64QAM	50	50	22.11	22.40	22.25	23.00
20	64QAM	100	0	22.06	22.35	22.31	23.00
20	256QAM	1	0	20.23	20.43	20.30	21.00
20	256QAM	1	49	20.15	20.48	20.39	21.00
20	256QAM	1	99	20.09	20.36	20.24	21.00
20	256QAM	50	0	20.05	20.32	20.16	21.00
20	256QAM	50	24	20.12	20.40	20.25	21.00
20	256QAM	50	50	20.22	20.43	20.34	21.00
20	256QAM	100	0	20.11	20.33	20.24	21.00
Channel				133197	133297	133397	Tune-up limit



FCC SAR Test Report

Report No. : FA572502

Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	QPSK	1	0	23.25	23.56	23.50	24.00
15	QPSK	1	37	23.08	23.48	23.39	24.00
15	QPSK	1	74	23.13	23.42	23.33	24.00
15	QPSK	36	0	23.10	23.51	23.37	24.00
15	QPSK	36	20	23.14	23.47	23.27	24.00
15	QPSK	36	39	23.06	23.41	23.29	24.00
15	QPSK	75	0	23.15	23.35	23.23	24.00
15	16QAM	1	0	23.06	23.48	23.36	24.00
15	16QAM	1	37	23.15	23.38	23.15	24.00
15	16QAM	1	74	23.16	23.51	23.30	24.00
15	16QAM	36	0	23.03	23.27	23.15	24.00
15	16QAM	36	20	23.11	23.33	23.30	24.00
15	16QAM	36	39	23.09	23.34	23.11	24.00
15	16QAM	75	0	22.98	23.36	23.25	24.00
15	64QAM	1	0	22.88	23.25	23.05	24.00
15	64QAM	1	37	22.99	23.31	23.21	24.00
15	64QAM	1	74	23.10	23.33	23.28	24.00
15	64QAM	36	0	22.04	22.30	22.19	23.00
15	64QAM	36	20	22.08	22.29	22.10	23.00
15	64QAM	36	39	22.01	22.31	22.15	23.00
15	64QAM	75	0	21.98	22.28	22.27	23.00
15	256QAM	1	0	20.11	20.37	20.28	21.00
15	256QAM	1	37	20.00	20.35	20.33	21.00
15	256QAM	1	74	19.96	20.24	20.17	21.00
15	256QAM	36	0	20.03	20.26	20.01	21.00
15	256QAM	36	20	19.97	20.29	20.12	21.00
15	256QAM	36	39	20.12	20.40	20.28	21.00
15	256QAM	75	0	20.03	20.23	20.10	21.00
Channel				133172	133297	133422	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	QPSK	1	0	23.37	23.53	23.56	24.00
10	QPSK	1	25	23.09	23.49	23.34	24.00
10	QPSK	1	49	23.23	23.44	23.28	24.00
10	QPSK	25	0	23.14	23.52	23.32	24.00
10	QPSK	25	12	23.22	23.50	23.31	24.00
10	QPSK	25	25	23.04	23.40	23.39	24.00
10	QPSK	50	0	23.22	23.45	23.24	24.00
10	16QAM	1	0	23.06	23.41	23.39	24.00
10	16QAM	1	25	23.06	23.35	23.13	24.00
10	16QAM	1	49	23.24	23.44	23.33	24.00
10	16QAM	25	0	23.07	23.26	23.07	24.00
10	16QAM	25	12	23.11	23.28	23.28	24.00
10	16QAM	25	25	23.06	23.25	23.19	24.00
10	16QAM	50	0	23.08	23.29	23.20	24.00
10	64QAM	1	0	22.98	23.28	23.06	24.00
10	64QAM	1	25	23.08	23.43	23.25	24.00
10	64QAM	1	49	22.99	23.33	23.15	24.00
10	64QAM	25	0	22.10	22.38	22.27	23.00
10	64QAM	25	12	22.01	22.29	22.09	23.00
10	64QAM	25	25	22.01	22.27	22.19	23.00
10	64QAM	50	0	21.93	22.33	22.23	23.00
10	256QAM	1	0	20.19	20.36	20.22	21.00
10	256QAM	1	25	20.14	20.37	20.32	21.00
10	256QAM	1	49	20.07	20.23	20.21	21.00
10	256QAM	25	0	19.92	20.30	20.15	21.00
10	256QAM	25	12	20.10	20.25	20.24	21.00
10	256QAM	25	25	20.09	20.29	20.22	21.00
10	256QAM	50	0	19.99	20.30	20.11	21.00
Channel				133147	133297	133447	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	QPSK	1	0	23.26	23.47	23.44	24.00
5	QPSK	1	12	23.12	23.50	23.32	24.00
5	QPSK	1	24	23.22	23.47	23.27	24.00
5	QPSK	12	0	23.20	23.53	23.33	24.00
5	QPSK	12	7	23.24	23.43	23.26	24.00
5	QPSK	12	13	23.07	23.40	23.35	24.00
5	QPSK	25	0	23.10	23.45	23.24	24.00
5	16QAM	1	0	23.11	23.46	23.35	24.00
5	16QAM	1	12	23.11	23.32	23.22	24.00
5	16QAM	1	24	23.15	23.48	23.27	24.00
5	16QAM	12	0	22.99	23.29	23.10	24.00
5	16QAM	12	7	23.02	23.26	23.24	24.00
5	16QAM	12	13	23.05	23.26	23.19	24.00



5	16QAM	25	0	23.02	23.37	23.24	24.00
5	64QAM	1	0	22.99	23.21	23.10	24.00
5	64QAM	1	12	23.02	23.31	23.25	24.00
5	64QAM	1	24	23.08	23.31	23.23	24.00
5	64QAM	12	0	21.98	22.36	22.30	23.00
5	64QAM	12	7	22.05	22.25	22.18	23.00
5	64QAM	12	13	22.00	22.38	22.15	23.00
5	64QAM	25	0	21.93	22.21	22.18	23.00
5	256QAM	1	0	20.21	20.28	20.23	21.00
5	256QAM	1	12	20.05	20.43	20.33	21.00
5	256QAM	1	24	20.04	20.24	20.18	21.00
5	256QAM	12	0	20.03	20.21	20.03	21.00
5	256QAM	12	7	19.98	20.35	20.20	21.00
5	256QAM	12	13	20.11	20.38	20.23	21.00
5	256QAM	25	0	20.10	20.28	20.14	21.00

【LTE Band 71_Ant 0_DSI 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				133222	133297	133372	Tune-up limit (dBm)
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	23.39	23.61	23.59	24.00
20	QPSK	1	49	23.22	23.57	23.43	24.00
20	QPSK	1	99	23.26	23.56	23.40	24.00
20	QPSK	50	0	23.23	23.55	23.43	24.00
20	QPSK	50	24	23.28	23.54	23.38	24.00
20	QPSK	50	50	23.13	23.47	23.40	24.00
20	QPSK	100	0	23.23	23.47	23.34	24.00
20	16QAM	1	0	23.17	23.52	23.45	24.00
20	16QAM	1	49	23.17	23.44	23.28	24.00
20	16QAM	1	99	23.27	23.53	23.42	24.00
20	16QAM	50	0	23.09	23.34	23.21	24.00
20	16QAM	50	24	23.15	23.40	23.31	24.00
20	16QAM	50	50	23.12	23.39	23.25	24.00
20	16QAM	100	0	23.11	23.38	23.27	24.00
20	64QAM	1	0	23.03	23.31	23.20	24.00
20	64QAM	1	49	23.11	23.45	23.32	24.00
20	64QAM	1	99	23.12	23.35	23.30	24.00
20	64QAM	50	0	22.12	22.42	22.33	23.00
20	64QAM	50	24	22.12	22.38	22.22	23.00
20	64QAM	50	50	22.11	22.40	22.25	23.00
20	64QAM	100	0	22.06	22.35	22.31	23.00
20	256QAM	1	0	20.23	20.43	20.30	21.00
20	256QAM	1	49	20.15	20.48	20.39	21.00
20	256QAM	1	99	20.09	20.36	20.24	21.00
20	256QAM	50	0	20.05	20.32	20.16	21.00
20	256QAM	50	24	20.12	20.40	20.25	21.00
20	256QAM	50	50	20.22	20.43	20.34	21.00
20	256QAM	100	0	20.11	20.33	20.24	21.00
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	23.25	23.56	23.50	24.00
15	QPSK	1	37	23.08	23.48	23.39	24.00
15	QPSK	1	74	23.13	23.42	23.33	24.00
15	QPSK	36	0	23.10	23.51	23.37	24.00
15	QPSK	36	20	23.14	23.47	23.27	24.00
15	QPSK	36	39	23.06	23.41	23.29	24.00
15	QPSK	75	0	23.15	23.35	23.23	24.00
15	16QAM	1	0	23.06	23.48	23.36	24.00
15	16QAM	1	37	23.15	23.38	23.15	24.00
15	16QAM	1	74	23.16	23.51	23.30	24.00
15	16QAM	36	0	23.03	23.27	23.15	24.00
15	16QAM	36	20	23.11	23.33	23.30	24.00
15	16QAM	36	39	23.09	23.34	23.11	24.00
15	16QAM	75	0	22.98	23.36	23.25	24.00
15	64QAM	1	0	22.88	23.25	23.05	24.00
15	64QAM	1	37	22.99	23.31	23.21	24.00
15	64QAM	1	74	23.10	23.33	23.28	24.00
15	64QAM	36	0	22.04	22.30	22.19	23.00



15	64QAM	36	20	22.08	22.29	22.10	23.00
15	64QAM	36	39	22.01	22.31	22.15	23.00
15	64QAM	75	0	21.98	22.28	22.27	23.00
15	256QAM	1	0	20.11	20.37	20.28	21.00
15	256QAM	1	37	20.00	20.35	20.33	21.00
15	256QAM	1	74	19.96	20.24	20.17	21.00
15	256QAM	36	0	20.03	20.26	20.01	21.00
15	256QAM	36	20	19.97	20.29	20.12	21.00
15	256QAM	36	39	20.12	20.40	20.28	21.00
15	256QAM	75	0	20.03	20.23	20.10	21.00
Channel				133172	133297	133422	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	QPSK	1	0	23.37	23.53	23.56	24.00
10	QPSK	1	25	23.09	23.49	23.34	24.00
10	QPSK	1	49	23.23	23.44	23.28	24.00
10	QPSK	25	0	23.14	23.52	23.32	24.00
10	QPSK	25	12	23.22	23.50	23.31	24.00
10	QPSK	25	25	23.04	23.40	23.39	24.00
10	QPSK	50	0	23.22	23.45	23.24	24.00
10	16QAM	1	0	23.06	23.41	23.39	24.00
10	16QAM	1	25	23.06	23.35	23.13	24.00
10	16QAM	1	49	23.24	23.44	23.33	24.00
10	16QAM	25	0	23.07	23.26	23.07	24.00
10	16QAM	25	12	23.11	23.28	23.28	24.00
10	16QAM	25	25	23.06	23.25	23.19	24.00
10	16QAM	50	0	23.08	23.29	23.20	24.00
10	64QAM	1	0	22.98	23.28	23.06	24.00
10	64QAM	1	25	23.08	23.43	23.25	24.00
10	64QAM	1	49	22.99	23.33	23.15	24.00
10	64QAM	25	0	22.10	22.38	22.27	23.00
10	64QAM	25	12	22.01	22.29	22.09	23.00
10	64QAM	25	25	22.01	22.27	22.19	23.00
10	64QAM	50	0	21.93	22.33	22.23	23.00
10	256QAM	1	0	20.19	20.36	20.22	21.00
10	256QAM	1	25	20.14	20.37	20.32	21.00
10	256QAM	1	49	20.07	20.23	20.21	21.00
10	256QAM	25	0	19.92	20.30	20.15	21.00
10	256QAM	25	12	20.10	20.25	20.24	21.00
10	256QAM	25	25	20.09	20.29	20.22	21.00
10	256QAM	50	0	19.99	20.30	20.11	21.00
Channel				133147	133297	133447	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	QPSK	1	0	23.26	23.47	23.44	24.00
5	QPSK	1	12	23.12	23.50	23.32	24.00
5	QPSK	1	24	23.22	23.47	23.27	24.00
5	QPSK	12	0	23.20	23.53	23.33	24.00
5	QPSK	12	7	23.24	23.43	23.26	24.00
5	QPSK	12	13	23.07	23.40	23.35	24.00
5	QPSK	25	0	23.10	23.45	23.24	24.00
5	16QAM	1	0	23.11	23.46	23.35	24.00
5	16QAM	1	12	23.11	23.32	23.22	24.00
5	16QAM	1	24	23.15	23.48	23.27	24.00
5	16QAM	12	0	22.99	23.29	23.10	24.00
5	16QAM	12	7	23.02	23.26	23.24	24.00
5	16QAM	12	13	23.05	23.26	23.19	24.00
5	16QAM	25	0	23.02	23.37	23.24	24.00
5	64QAM	1	0	22.99	23.21	23.10	24.00
5	64QAM	1	12	23.02	23.31	23.25	24.00
5	64QAM	1	24	23.08	23.31	23.23	24.00
5	64QAM	12	0	21.98	22.36	22.30	23.00
5	64QAM	12	7	22.05	22.25	22.18	23.00
5	64QAM	12	13	22.00	22.38	22.15	23.00
5	64QAM	25	0	21.93	22.21	22.18	23.00
5	256QAM	1	0	20.21	20.28	20.23	21.00
5	256QAM	1	12	20.05	20.43	20.33	21.00
5	256QAM	1	24	20.04	20.24	20.18	21.00
5	256QAM	12	0	20.03	20.21	20.03	21.00
5	256QAM	12	7	19.98	20.35	20.20	21.00
5	256QAM	12	13	20.11	20.38	20.23	21.00
5	256QAM	25	0	20.10	20.28	20.14	21.00



【LTE Band 71_Ant 0_DSI 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				133222	133297	133372	Tune-up limit (dBm)
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	23.39	23.61	23.59	24.00
20	QPSK	1	49	23.22	23.57	23.43	24.00
20	QPSK	1	99	23.26	23.56	23.40	24.00
20	QPSK	50	0	23.23	23.55	23.43	24.00
20	QPSK	50	24	23.28	23.54	23.38	24.00
20	QPSK	50	50	23.13	23.47	23.40	24.00
20	QPSK	100	0	23.23	23.47	23.34	24.00
20	16QAM	1	0	23.17	23.52	23.45	24.00
20	16QAM	1	49	23.17	23.44	23.28	24.00
20	16QAM	1	99	23.27	23.53	23.42	24.00
20	16QAM	50	0	23.09	23.34	23.21	24.00
20	16QAM	50	24	23.15	23.40	23.31	24.00
20	16QAM	50	50	23.12	23.39	23.25	24.00
20	16QAM	100	0	23.11	23.38	23.27	24.00
20	64QAM	1	0	23.03	23.31	23.20	24.00
20	64QAM	1	49	23.11	23.45	23.32	24.00
20	64QAM	1	99	23.12	23.35	23.30	24.00
20	64QAM	50	0	22.12	22.42	22.33	23.00
20	64QAM	50	24	22.12	22.38	22.22	23.00
20	64QAM	50	50	22.11	22.40	22.25	23.00
20	64QAM	100	0	22.06	22.35	22.31	23.00
20	256QAM	1	0	20.23	20.43	20.30	21.00
20	256QAM	1	49	20.15	20.48	20.39	21.00
20	256QAM	1	99	20.09	20.36	20.24	21.00
20	256QAM	50	0	20.05	20.32	20.16	21.00
20	256QAM	50	24	20.12	20.40	20.25	21.00
20	256QAM	50	50	20.22	20.43	20.34	21.00
20	256QAM	100	0	20.11	20.33	20.24	21.00
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	23.25	23.56	23.50	24.00
15	QPSK	1	37	23.08	23.48	23.39	24.00
15	QPSK	1	74	23.13	23.42	23.33	24.00
15	QPSK	36	0	23.10	23.51	23.37	24.00
15	QPSK	36	20	23.14	23.47	23.27	24.00
15	QPSK	36	39	23.06	23.41	23.29	24.00
15	QPSK	75	0	23.15	23.35	23.23	24.00
15	16QAM	1	0	23.06	23.48	23.36	24.00
15	16QAM	1	37	23.15	23.38	23.15	24.00
15	16QAM	1	74	23.16	23.51	23.30	24.00
15	16QAM	36	0	23.03	23.27	23.15	24.00
15	16QAM	36	20	23.11	23.33	23.30	24.00
15	16QAM	36	39	23.09	23.34	23.11	24.00
15	16QAM	75	0	22.98	23.36	23.25	24.00
15	64QAM	1	0	22.88	23.25	23.05	24.00
15	64QAM	1	37	22.99	23.31	23.21	24.00
15	64QAM	1	74	23.10	23.33	23.28	24.00
15	64QAM	36	0	22.04	22.30	22.19	23.00
15	64QAM	36	20	22.08	22.29	22.10	23.00
15	64QAM	36	39	22.01	22.31	22.15	23.00
15	64QAM	75	0	21.98	22.28	22.27	23.00
15	256QAM	1	0	20.11	20.37	20.28	21.00
15	256QAM	1	37	20.00	20.35	20.33	21.00
15	256QAM	1	74	19.96	20.24	20.17	21.00
15	256QAM	36	0	20.03	20.26	20.01	21.00
15	256QAM	36	20	19.97	20.29	20.12	21.00
15	256QAM	36	39	20.12	20.40	20.28	21.00
15	256QAM	75	0	20.03	20.23	20.10	21.00
Channel				133172	133297	133422	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	23.37	23.53	23.56	24.00
10	QPSK	1	25	23.09	23.49	23.34	24.00
10	QPSK	1	49	23.23	23.44	23.28	24.00
10	QPSK	25	0	23.14	23.52	23.32	24.00
10	QPSK	25	12	23.22	23.50	23.31	24.00
10	QPSK	25	25	23.04	23.40	23.39	24.00
10	QPSK	50	0	23.22	23.45	23.24	24.00



10	16QAM	1	0	23.06	23.41	23.39	24.00
10	16QAM	1	25	23.06	23.35	23.13	24.00
10	16QAM	1	49	23.24	23.44	23.33	24.00
10	16QAM	25	0	23.07	23.26	23.07	24.00
10	16QAM	25	12	23.11	23.28	23.28	24.00
10	16QAM	25	25	23.06	23.25	23.19	24.00
10	16QAM	50	0	23.08	23.29	23.20	24.00
10	64QAM	1	0	22.98	23.28	23.06	24.00
10	64QAM	1	25	23.08	23.43	23.25	24.00
10	64QAM	1	49	22.99	23.33	23.15	24.00
10	64QAM	25	0	22.10	22.38	22.27	23.00
10	64QAM	25	12	22.01	22.29	22.09	23.00
10	64QAM	25	25	22.01	22.27	22.19	23.00
10	64QAM	50	0	21.93	22.33	22.23	23.00
10	256QAM	1	0	20.19	20.36	20.22	21.00
10	256QAM	1	25	20.14	20.37	20.32	21.00
10	256QAM	1	49	20.07	20.23	20.21	21.00
10	256QAM	25	0	19.92	20.30	20.15	21.00
10	256QAM	25	12	20.10	20.25	20.24	21.00
10	256QAM	25	25	20.09	20.29	20.22	21.00
10	256QAM	50	0	19.99	20.30	20.11	21.00
Channel				133147	133297	133447	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	QPSK	1	0	23.26	23.47	23.44	24.00
5	QPSK	1	12	23.12	23.50	23.32	24.00
5	QPSK	1	24	23.22	23.47	23.27	24.00
5	QPSK	12	0	23.20	23.53	23.33	24.00
5	QPSK	12	7	23.24	23.43	23.26	24.00
5	QPSK	12	13	23.07	23.40	23.35	24.00
5	QPSK	25	0	23.10	23.45	23.24	24.00
5	16QAM	1	0	23.11	23.46	23.35	24.00
5	16QAM	1	12	23.11	23.32	23.22	24.00
5	16QAM	1	24	23.15	23.48	23.27	24.00
5	16QAM	12	0	22.99	23.29	23.10	24.00
5	16QAM	12	7	23.02	23.26	23.24	24.00
5	16QAM	12	13	23.05	23.26	23.19	24.00
5	16QAM	25	0	23.02	23.37	23.24	24.00
5	64QAM	1	0	22.99	23.21	23.10	24.00
5	64QAM	1	12	23.02	23.31	23.25	24.00
5	64QAM	1	24	23.08	23.31	23.23	24.00
5	64QAM	12	0	21.98	22.36	22.30	23.00
5	64QAM	12	7	22.05	22.25	22.18	23.00
5	64QAM	12	13	22.00	22.38	22.15	23.00
5	64QAM	25	0	21.93	22.21	22.18	23.00
5	256QAM	1	0	20.21	20.28	20.23	21.00
5	256QAM	1	12	20.05	20.43	20.33	21.00
5	256QAM	1	24	20.04	20.24	20.18	21.00
5	256QAM	12	0	20.03	20.21	20.03	21.00
5	256QAM	12	7	19.98	20.35	20.20	21.00
5	256QAM	12	13	20.11	20.38	20.23	21.00
5	256QAM	25	0	20.10	20.28	20.14	21.00

【LTE Band 71_Ant 0_DSI 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				133222	133297	133372	
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	23.39	23.61	23.59	24.00
20	QPSK	1	49	23.22	23.57	23.43	24.00
20	QPSK	1	99	23.26	23.56	23.40	24.00
20	QPSK	50	0	23.23	23.55	23.43	24.00
20	QPSK	50	24	23.28	23.54	23.38	24.00
20	QPSK	50	50	23.13	23.47	23.40	24.00
20	QPSK	100	0	23.23	23.47	23.34	24.00
20	16QAM	1	0	23.17	23.52	23.45	24.00
20	16QAM	1	49	23.17	23.44	23.28	24.00
20	16QAM	1	99	23.27	23.53	23.42	24.00
20	16QAM	50	0	23.09	23.34	23.21	24.00
20	16QAM	50	24	23.15	23.40	23.31	24.00



FCC SAR Test Report

Report No. : FA572502

20	16QAM	50	50	23.12	23.39	23.25	24.00
20	16QAM	100	0	23.11	23.38	23.27	24.00
20	64QAM	1	0	23.03	23.31	23.20	24.00
20	64QAM	1	49	23.11	23.45	23.32	24.00
20	64QAM	1	99	23.12	23.35	23.30	24.00
20	64QAM	50	0	22.12	22.42	22.33	23.00
20	64QAM	50	24	22.12	22.38	22.22	23.00
20	64QAM	50	50	22.11	22.40	22.25	23.00
20	64QAM	100	0	22.06	22.35	22.31	23.00
20	256QAM	1	0	20.23	20.43	20.30	21.00
20	256QAM	1	49	20.15	20.48	20.39	21.00
20	256QAM	1	99	20.09	20.36	20.24	21.00
20	256QAM	50	0	20.05	20.32	20.16	21.00
20	256QAM	50	24	20.12	20.40	20.25	21.00
20	256QAM	50	50	20.22	20.43	20.34	21.00
20	256QAM	100	0	20.11	20.33	20.24	21.00
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	23.25	23.56	23.50	24.00
15	QPSK	1	37	23.08	23.48	23.39	24.00
15	QPSK	1	74	23.13	23.42	23.33	24.00
15	QPSK	36	0	23.10	23.51	23.37	24.00
15	QPSK	36	20	23.14	23.47	23.27	24.00
15	QPSK	36	39	23.06	23.41	23.29	24.00
15	QPSK	75	0	23.15	23.35	23.23	24.00
15	16QAM	1	0	23.06	23.48	23.36	24.00
15	16QAM	1	37	23.15	23.38	23.15	24.00
15	16QAM	1	74	23.16	23.51	23.30	24.00
15	16QAM	36	0	23.03	23.27	23.15	24.00
15	16QAM	36	20	23.11	23.33	23.30	24.00
15	16QAM	36	39	23.09	23.34	23.11	24.00
15	16QAM	75	0	22.98	23.36	23.25	24.00
15	64QAM	1	0	22.88	23.25	23.05	24.00
15	64QAM	1	37	22.99	23.31	23.21	24.00
15	64QAM	1	74	23.10	23.33	23.28	24.00
15	64QAM	36	0	22.04	22.30	22.19	23.00
15	64QAM	36	20	22.08	22.29	22.10	23.00
15	64QAM	36	39	22.01	22.31	22.15	23.00
15	64QAM	75	0	21.98	22.28	22.27	23.00
15	256QAM	1	0	20.11	20.37	20.28	21.00
15	256QAM	1	37	20.00	20.35	20.33	21.00
15	256QAM	1	74	19.96	20.24	20.17	21.00
15	256QAM	36	0	20.03	20.26	20.01	21.00
15	256QAM	36	20	19.97	20.29	20.12	21.00
15	256QAM	36	39	20.12	20.40	20.28	21.00
15	256QAM	75	0	20.03	20.23	20.10	21.00
Channel				133172	133297	133422	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	23.37	23.53	23.56	24.00
10	QPSK	1	25	23.09	23.49	23.34	24.00
10	QPSK	1	49	23.23	23.44	23.28	24.00
10	QPSK	25	0	23.14	23.52	23.32	24.00
10	QPSK	25	12	23.22	23.50	23.31	24.00
10	QPSK	25	25	23.04	23.40	23.39	24.00
10	QPSK	50	0	23.22	23.45	23.24	24.00
10	16QAM	1	0	23.06	23.41	23.39	24.00
10	16QAM	1	25	23.06	23.35	23.13	24.00
10	16QAM	1	49	23.24	23.44	23.33	24.00
10	16QAM	25	0	23.07	23.26	23.07	24.00
10	16QAM	25	12	23.11	23.28	23.28	24.00
10	16QAM	25	25	23.06	23.25	23.19	24.00
10	16QAM	50	0	23.08	23.29	23.20	24.00
10	64QAM	1	0	22.98	23.28	23.06	24.00
10	64QAM	1	25	23.08	23.43	23.25	24.00
10	64QAM	1	49	22.99	23.33	23.15	24.00
10	64QAM	25	0	22.10	22.38	22.27	23.00
10	64QAM	25	12	22.01	22.29	22.09	23.00
10	64QAM	25	25	22.01	22.27	22.19	23.00
10	64QAM	50	0	21.93	22.33	22.23	23.00
10	256QAM	1	0	20.19	20.36	20.22	21.00
10	256QAM	1	25	20.14	20.37	20.32	21.00
10	256QAM	1	49	20.07	20.23	20.21	21.00
10	256QAM	25	0	19.92	20.30	20.15	21.00
10	256QAM	25	12	20.10	20.25	20.24	21.00



FCC SAR Test Report

Report No. : FA572502

10	256QAM	25	25	20.09	20.29	20.22	21.00
10	256QAM	50	0	19.99	20.30	20.11	21.00
Channel				133147	133297	133447	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	23.26	23.47	23.44	24.00
5	QPSK	1	12	23.12	23.50	23.32	24.00
5	QPSK	1	24	23.22	23.47	23.27	24.00
5	QPSK	12	0	23.20	23.53	23.33	24.00
5	QPSK	12	7	23.24	23.43	23.26	24.00
5	QPSK	12	13	23.07	23.40	23.35	24.00
5	QPSK	25	0	23.10	23.45	23.24	24.00
5	16QAM	1	0	23.11	23.46	23.35	24.00
5	16QAM	1	12	23.11	23.32	23.22	24.00
5	16QAM	1	24	23.15	23.48	23.27	24.00
5	16QAM	12	0	22.99	23.29	23.10	24.00
5	16QAM	12	7	23.02	23.26	23.24	24.00
5	16QAM	12	13	23.05	23.26	23.19	24.00
5	16QAM	25	0	23.02	23.37	23.24	24.00
5	64QAM	1	0	22.99	23.21	23.10	24.00
5	64QAM	1	12	23.02	23.31	23.25	24.00
5	64QAM	1	24	23.08	23.31	23.23	24.00
5	64QAM	12	0	21.98	22.36	22.30	23.00
5	64QAM	12	7	22.05	22.25	22.18	23.00
5	64QAM	12	13	22.00	22.38	22.15	23.00
5	64QAM	25	0	21.93	22.21	22.18	23.00
5	256QAM	1	0	20.21	20.28	20.23	21.00
5	256QAM	1	12	20.05	20.43	20.33	21.00
5	256QAM	1	24	20.04	20.24	20.18	21.00
5	256QAM	12	0	20.03	20.21	20.03	21.00
5	256QAM	12	7	19.98	20.35	20.20	21.00
5	256QAM	12	13	20.11	20.38	20.23	21.00
5	256QAM	25	0	20.10	20.28	20.14	21.00

【LTE Band 71_Ant 0_DSI 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				133222	133297	133372	
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	23.39	23.61	23.59	24.00
20	QPSK	1	49	23.22	23.57	23.43	24.00
20	QPSK	1	99	23.26	23.56	23.40	24.00
20	QPSK	50	0	23.23	23.55	23.43	24.00
20	QPSK	50	24	23.28	23.54	23.38	24.00
20	QPSK	50	50	23.13	23.47	23.40	24.00
20	QPSK	100	0	23.23	23.47	23.34	24.00
20	16QAM	1	0	23.17	23.52	23.45	24.00
20	16QAM	1	49	23.17	23.44	23.28	24.00
20	16QAM	1	99	23.27	23.53	23.42	24.00
20	16QAM	50	0	23.09	23.34	23.21	24.00
20	16QAM	50	24	23.15	23.40	23.31	24.00
20	16QAM	50	50	23.12	23.39	23.25	24.00
20	16QAM	100	0	23.11	23.38	23.27	24.00
20	64QAM	1	0	23.03	23.31	23.20	24.00
20	64QAM	1	49	23.11	23.45	23.32	24.00
20	64QAM	1	99	23.12	23.35	23.30	24.00
20	64QAM	50	0	22.12	22.42	22.33	23.00
20	64QAM	50	24	22.12	22.38	22.22	23.00
20	64QAM	50	50	22.11	22.40	22.25	23.00
20	64QAM	100	0	22.06	22.35	22.31	23.00
20	256QAM	1	0	20.23	20.43	20.30	21.00
20	256QAM	1	49	20.15	20.48	20.39	21.00
20	256QAM	1	99	20.09	20.36	20.24	21.00
20	256QAM	50	0	20.05	20.32	20.16	21.00
20	256QAM	50	24	20.12	20.40	20.25	21.00
20	256QAM	50	50	20.22	20.43	20.34	21.00
20	256QAM	100	0	20.11	20.33	20.24	21.00
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	23.25	23.56	23.50	24.00



FCC SAR Test Report

Report No. : FA572502

15	QPSK	1	37	23.08	23.48	23.39	24.00
15	QPSK	1	74	23.13	23.42	23.33	24.00
15	QPSK	36	0	23.10	23.51	23.37	24.00
15	QPSK	36	20	23.14	23.47	23.27	24.00
15	QPSK	36	39	23.06	23.41	23.29	24.00
15	QPSK	75	0	23.15	23.35	23.23	24.00
15	16QAM	1	0	23.06	23.48	23.36	24.00
15	16QAM	1	37	23.15	23.38	23.15	24.00
15	16QAM	1	74	23.16	23.51	23.30	24.00
15	16QAM	36	0	23.03	23.27	23.15	24.00
15	16QAM	36	20	23.11	23.33	23.30	24.00
15	16QAM	36	39	23.09	23.34	23.11	24.00
15	16QAM	75	0	22.98	23.36	23.25	24.00
15	64QAM	1	0	22.88	23.25	23.05	24.00
15	64QAM	1	37	22.99	23.31	23.21	24.00
15	64QAM	1	74	23.10	23.33	23.28	24.00
15	64QAM	36	0	22.04	22.30	22.19	23.00
15	64QAM	36	20	22.08	22.29	22.10	23.00
15	64QAM	36	39	22.01	22.31	22.15	23.00
15	64QAM	75	0	21.98	22.28	22.27	23.00
15	256QAM	1	0	20.11	20.37	20.28	21.00
15	256QAM	1	37	20.00	20.35	20.33	21.00
15	256QAM	1	74	19.96	20.24	20.17	21.00
15	256QAM	36	0	20.03	20.26	20.01	21.00
15	256QAM	36	20	19.97	20.29	20.12	21.00
15	256QAM	36	39	20.12	20.40	20.28	21.00
15	256QAM	75	0	20.03	20.23	20.10	21.00
Channel				133172	133297	133422	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	QPSK	1	0	23.37	23.53	23.56	24.00
10	QPSK	1	25	23.09	23.49	23.34	24.00
10	QPSK	1	49	23.23	23.44	23.28	24.00
10	QPSK	25	0	23.14	23.52	23.32	24.00
10	QPSK	25	12	23.22	23.50	23.31	24.00
10	QPSK	25	25	23.04	23.40	23.39	24.00
10	QPSK	50	0	23.22	23.45	23.24	24.00
10	16QAM	1	0	23.06	23.41	23.39	24.00
10	16QAM	1	25	23.06	23.35	23.13	24.00
10	16QAM	1	49	23.24	23.44	23.33	24.00
10	16QAM	25	0	23.07	23.26	23.07	24.00
10	16QAM	25	12	23.11	23.28	23.28	24.00
10	16QAM	25	25	23.06	23.25	23.19	24.00
10	16QAM	50	0	23.08	23.29	23.20	24.00
10	64QAM	1	0	22.98	23.28	23.06	24.00
10	64QAM	1	25	23.08	23.43	23.25	24.00
10	64QAM	1	49	22.99	23.33	23.15	24.00
10	64QAM	25	0	22.10	22.38	22.27	23.00
10	64QAM	25	12	22.01	22.29	22.09	23.00
10	64QAM	25	25	22.01	22.27	22.19	23.00
10	64QAM	50	0	21.93	22.33	22.23	23.00
10	256QAM	1	0	20.19	20.36	20.22	21.00
10	256QAM	1	25	20.14	20.37	20.32	21.00
10	256QAM	1	49	20.07	20.23	20.21	21.00
10	256QAM	25	0	19.92	20.30	20.15	21.00
10	256QAM	25	12	20.10	20.25	20.24	21.00
10	256QAM	25	25	20.09	20.29	20.22	21.00
10	256QAM	50	0	19.99	20.30	20.11	21.00
Channel				133147	133297	133447	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	QPSK	1	0	23.26	23.47	23.44	24.00
5	QPSK	1	12	23.12	23.50	23.32	24.00
5	QPSK	1	24	23.22	23.47	23.27	24.00
5	QPSK	12	0	23.20	23.53	23.33	24.00
5	QPSK	12	7	23.24	23.43	23.26	24.00
5	QPSK	12	13	23.07	23.40	23.35	24.00
5	QPSK	25	0	23.10	23.45	23.24	24.00
5	16QAM	1	0	23.11	23.46	23.35	24.00
5	16QAM	1	12	23.11	23.32	23.22	24.00
5	16QAM	1	24	23.15	23.48	23.27	24.00
5	16QAM	12	0	22.99	23.29	23.10	24.00
5	16QAM	12	7	23.02	23.26	23.24	24.00
5	16QAM	12	13	23.05	23.26	23.19	24.00
5	16QAM	25	0	23.02	23.37	23.24	24.00
5	64QAM	1	0	22.99	23.21	23.10	24.00



FCC SAR Test Report

Report No. : FA572502

5	64QAM	1	12	23.02	23.31	23.25	24.00
5	64QAM	1	24	23.08	23.31	23.23	24.00
5	64QAM	12	0	21.98	22.36	22.30	23.00
5	64QAM	12	7	22.05	22.25	22.18	23.00
5	64QAM	12	13	22.00	22.38	22.15	23.00
5	64QAM	25	0	21.93	22.21	22.18	23.00
5	256QAM	1	0	20.21	20.28	20.23	21.00
5	256QAM	1	12	20.05	20.43	20.33	21.00
5	256QAM	1	24	20.04	20.24	20.18	21.00
5	256QAM	12	0	20.03	20.21	20.03	21.00
5	256QAM	12	7	19.98	20.35	20.20	21.00
5	256QAM	12	13	20.11	20.38	20.23	21.00
5	256QAM	25	0	20.10	20.28	20.14	21.00

【LTE Band 71_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				133222	133297	133372	Tune-up limit (dBm)
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	23.59	23.65	23.62	24.00
20	QPSK	1	49	23.43	23.63	23.52	24.00
20	QPSK	1	99	23.19	23.37	23.26	24.00
20	QPSK	50	0	23.44	23.62	23.52	24.00
20	QPSK	50	24	23.34	23.50	23.46	24.00
20	QPSK	50	50	23.26	23.43	23.29	24.00
20	QPSK	100	0	23.39	23.50	23.45	24.00
20	16QAM	1	0	23.40	23.58	23.45	24.00
20	16QAM	1	49	23.39	23.51	23.44	24.00
20	16QAM	1	99	23.37	23.52	23.46	24.00
20	16QAM	50	0	23.07	23.18	23.11	24.00
20	16QAM	50	24	23.19	23.28	23.16	24.00
20	16QAM	50	50	22.96	23.16	23.02	24.00
20	16QAM	100	0	23.03	23.18	23.09	24.00
20	64QAM	1	0	23.34	23.46	23.40	24.00
20	64QAM	1	49	23.07	23.16	23.06	24.00
20	64QAM	1	99	23.29	23.48	23.39	24.00
20	64QAM	50	0	22.04	22.23	22.08	23.00
20	64QAM	50	24	22.01	22.21	22.06	23.00
20	64QAM	50	50	21.92	22.08	21.95	23.00
20	64QAM	100	0	22.12	22.24	22.07	23.00
20	256QAM	1	0	20.06	20.24	20.09	21.00
20	256QAM	1	49	20.07	20.16	20.07	21.00
20	256QAM	1	99	20.10	20.20	20.13	21.00
20	256QAM	50	0	20.07	20.18	20.06	21.00
20	256QAM	50	24	20.14	20.28	20.12	21.00
20	256QAM	50	50	20.07	20.18	20.06	21.00
20	256QAM	100	0	20.04	20.12	19.95	21.00
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	23.46	23.56	23.55	24.00
15	QPSK	1	37	23.41	23.52	23.44	24.00
15	QPSK	1	74	23.14	23.27	23.18	24.00
15	QPSK	36	0	23.35	23.51	23.50	24.00
15	QPSK	36	20	23.23	23.40	23.40	24.00
15	QPSK	36	39	23.25	23.30	23.20	24.00
15	QPSK	75	0	23.36	23.48	23.33	24.00
15	16QAM	1	0	23.26	23.51	23.43	24.00
15	16QAM	1	37	23.25	23.41	23.36	24.00
15	16QAM	1	74	23.31	23.49	23.43	24.00
15	16QAM	36	0	22.93	23.10	23.02	24.00
15	16QAM	36	20	23.14	23.23	23.06	24.00
15	16QAM	36	39	22.95	23.13	22.90	24.00
15	16QAM	75	0	22.96	23.13	22.99	24.00
15	64QAM	1	0	23.23	23.33	23.35	24.00
15	64QAM	1	37	22.99	23.08	22.97	24.00
15	64QAM	1	74	23.19	23.36	23.32	24.00
15	64QAM	36	0	21.91	22.18	21.93	23.00
15	64QAM	36	20	21.90	22.09	21.98	23.00
15	64QAM	36	39	21.89	22.00	21.86	23.00



15	64QAM	75	0	21.99	22.15	21.93	23.00
15	256QAM	1	0	20.05	20.12	20.03	21.00
15	256QAM	1	37	19.95	20.15	19.98	21.00
15	256QAM	1	74	20.02	20.07	20.04	21.00
15	256QAM	36	0	19.95	20.09	19.99	21.00
15	256QAM	36	20	20.02	20.22	19.99	21.00
15	256QAM	36	39	19.97	20.16	19.95	21.00
15	256QAM	75	0	19.90	20.01	19.90	21.00
Channel				133172	133297	133422	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	23.51	23.57	23.49	24.00
10	QPSK	1	25	23.35	23.55	23.38	24.00
10	QPSK	1	49	23.15	23.34	23.21	24.00
10	QPSK	25	0	23.30	23.52	23.47	24.00
10	QPSK	25	12	23.20	23.41	23.44	24.00
10	QPSK	25	25	23.13	23.33	23.22	24.00
10	QPSK	50	0	23.33	23.48	23.33	24.00
10	16QAM	1	0	23.29	23.53	23.43	24.00
10	16QAM	1	25	23.27	23.47	23.33	24.00
10	16QAM	1	49	23.28	23.38	23.42	24.00
10	16QAM	25	0	23.06	23.09	23.07	24.00
10	16QAM	25	12	23.13	23.15	23.07	24.00
10	16QAM	25	25	22.94	23.01	22.96	24.00
10	16QAM	50	0	22.96	23.12	23.00	24.00
10	64QAM	1	0	23.22	23.43	23.38	24.00
10	64QAM	1	25	22.99	23.13	22.94	24.00
10	64QAM	1	49	23.16	23.43	23.27	24.00
10	64QAM	25	0	21.90	22.13	21.95	23.00
10	64QAM	25	12	22.00	22.16	21.99	23.00
10	64QAM	25	25	21.79	22.01	21.90	23.00
10	64QAM	50	0	22.05	22.18	21.94	23.00
10	256QAM	1	0	19.97	20.19	19.97	21.00
10	256QAM	1	25	20.04	20.03	19.97	21.00
10	256QAM	1	49	20.04	20.17	20.10	21.00
10	256QAM	25	0	20.00	20.08	19.92	21.00
10	256QAM	25	12	20.02	20.24	20.04	21.00
10	256QAM	25	25	20.01	20.16	19.92	21.00
10	256QAM	50	0	19.90	20.03	19.86	21.00
Channel				133147	133297	133447	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	23.54	23.59	23.60	24.00
5	QPSK	1	12	23.34	23.56	23.47	24.00
5	QPSK	1	24	23.08	23.33	23.22	24.00
5	QPSK	12	0	23.36	23.60	23.38	24.00
5	QPSK	12	7	23.19	23.45	23.43	24.00
5	QPSK	12	13	23.17	23.34	23.21	24.00
5	QPSK	25	0	23.29	23.45	23.32	24.00
5	16QAM	1	0	23.38	23.49	23.30	24.00
5	16QAM	1	12	23.33	23.46	23.42	24.00
5	16QAM	1	24	23.34	23.45	23.43	24.00
5	16QAM	12	0	22.99	23.12	23.09	24.00
5	16QAM	12	7	23.15	23.27	23.07	24.00
5	16QAM	12	13	22.87	23.04	22.93	24.00
5	16QAM	25	0	22.98	23.16	22.99	24.00
5	64QAM	1	0	23.30	23.40	23.28	24.00
5	64QAM	1	12	22.95	23.09	22.98	24.00
5	64QAM	1	24	23.23	23.35	23.27	24.00
5	64QAM	12	0	21.96	22.11	22.00	23.00
5	64QAM	12	7	21.95	22.10	21.93	23.00
5	64QAM	12	13	21.78	22.03	21.86	23.00
5	64QAM	25	0	22.05	22.18	22.01	23.00
5	256QAM	1	0	20.03	20.17	19.99	21.00
5	256QAM	1	12	20.01	20.09	20.05	21.00
5	256QAM	1	24	20.05	20.06	20.10	21.00
5	256QAM	12	0	19.93	20.11	20.03	21.00
5	256QAM	12	7	20.11	20.21	20.02	21.00
5	256QAM	12	13	20.02	20.05	19.92	21.00
5	256QAM	25	0	19.96	20.07	19.88	21.00



【LTE Band 71_Ant 1_DSI 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				133222	133297	133372	Tune-up limit (dBm)
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	23.59	23.65	23.62	24.00
20	QPSK	1	49	23.43	23.63	23.52	24.00
20	QPSK	1	99	23.19	23.37	23.26	24.00
20	QPSK	50	0	23.44	23.62	23.52	24.00
20	QPSK	50	24	23.34	23.50	23.46	24.00
20	QPSK	50	50	23.26	23.43	23.29	24.00
20	QPSK	100	0	23.39	23.50	23.45	24.00
20	16QAM	1	0	23.40	23.58	23.45	24.00
20	16QAM	1	49	23.39	23.51	23.44	24.00
20	16QAM	1	99	23.37	23.52	23.46	24.00
20	16QAM	50	0	23.07	23.18	23.11	24.00
20	16QAM	50	24	23.19	23.28	23.16	24.00
20	16QAM	50	50	22.96	23.16	23.02	24.00
20	16QAM	100	0	23.03	23.18	23.09	24.00
20	64QAM	1	0	23.34	23.46	23.40	24.00
20	64QAM	1	49	23.07	23.16	23.06	24.00
20	64QAM	1	99	23.29	23.48	23.39	24.00
20	64QAM	50	0	22.04	22.23	22.08	23.00
20	64QAM	50	24	22.01	22.21	22.06	23.00
20	64QAM	50	50	21.92	22.08	21.95	23.00
20	64QAM	100	0	22.12	22.24	22.07	23.00
20	256QAM	1	0	20.06	20.24	20.09	21.00
20	256QAM	1	49	20.07	20.16	20.07	21.00
20	256QAM	1	99	20.10	20.20	20.13	21.00
20	256QAM	50	0	20.07	20.18	20.06	21.00
20	256QAM	50	24	20.14	20.28	20.12	21.00
20	256QAM	50	50	20.07	20.18	20.06	21.00
20	256QAM	100	0	20.04	20.12	19.95	21.00
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	23.46	23.56	23.55	24.00
15	QPSK	1	37	23.41	23.52	23.44	24.00
15	QPSK	1	74	23.14	23.27	23.18	24.00
15	QPSK	36	0	23.35	23.51	23.50	24.00
15	QPSK	36	20	23.23	23.40	23.40	24.00
15	QPSK	36	39	23.25	23.30	23.20	24.00
15	QPSK	75	0	23.36	23.48	23.33	24.00
15	16QAM	1	0	23.26	23.51	23.43	24.00
15	16QAM	1	37	23.25	23.41	23.36	24.00
15	16QAM	1	74	23.31	23.49	23.43	24.00
15	16QAM	36	0	22.93	23.10	23.02	24.00
15	16QAM	36	20	23.14	23.23	23.06	24.00
15	16QAM	36	39	22.95	23.13	22.90	24.00
15	16QAM	75	0	22.96	23.13	22.99	24.00
15	64QAM	1	0	23.23	23.33	23.35	24.00
15	64QAM	1	37	22.99	23.08	22.97	24.00
15	64QAM	1	74	23.19	23.36	23.32	24.00
15	64QAM	36	0	21.91	22.18	21.93	23.00
15	64QAM	36	20	21.90	22.09	21.98	23.00
15	64QAM	36	39	21.89	22.00	21.86	23.00
15	64QAM	75	0	21.99	22.15	21.93	23.00
15	256QAM	1	0	20.05	20.12	20.03	21.00
15	256QAM	1	37	19.95	20.15	19.98	21.00
15	256QAM	1	74	20.02	20.07	20.04	21.00
15	256QAM	36	0	19.95	20.09	19.99	21.00
15	256QAM	36	20	20.02	20.22	19.99	21.00
15	256QAM	36	39	19.97	20.16	19.95	21.00
15	256QAM	75	0	19.90	20.01	19.90	21.00
Channel				133172	133297	133422	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	23.51	23.57	23.49	24.00
10	QPSK	1	25	23.35	23.55	23.38	24.00
10	QPSK	1	49	23.15	23.34	23.21	24.00
10	QPSK	25	0	23.30	23.52	23.47	24.00
10	QPSK	25	12	23.20	23.41	23.44	24.00
10	QPSK	25	25	23.13	23.33	23.22	24.00
10	QPSK	50	0	23.33	23.48	23.33	24.00



10	16QAM	1	0	23.29	23.53	23.43	24.00
10	16QAM	1	25	23.27	23.47	23.33	24.00
10	16QAM	1	49	23.28	23.38	23.42	24.00
10	16QAM	25	0	23.06	23.09	23.07	24.00
10	16QAM	25	12	23.13	23.15	23.07	24.00
10	16QAM	25	25	22.94	23.01	22.96	24.00
10	16QAM	50	0	22.96	23.12	23.00	24.00
10	64QAM	1	0	23.22	23.43	23.38	24.00
10	64QAM	1	25	22.99	23.13	22.94	24.00
10	64QAM	1	49	23.16	23.43	23.27	24.00
10	64QAM	25	0	21.90	22.13	21.95	23.00
10	64QAM	25	12	22.00	22.16	21.99	23.00
10	64QAM	25	25	21.79	22.01	21.90	23.00
10	64QAM	50	0	22.05	22.18	21.94	23.00
10	256QAM	1	0	19.97	20.19	19.97	21.00
10	256QAM	1	25	20.04	20.03	19.97	21.00
10	256QAM	1	49	20.04	20.17	20.10	21.00
10	256QAM	25	0	20.00	20.08	19.92	21.00
10	256QAM	25	12	20.02	20.24	20.04	21.00
10	256QAM	25	25	20.01	20.16	19.92	21.00
10	256QAM	50	0	19.90	20.03	19.86	21.00
Channel				133147	133297	133447	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	QPSK	1	0	23.54	23.59	23.60	24.00
5	QPSK	1	12	23.34	23.56	23.47	24.00
5	QPSK	1	24	23.08	23.33	23.22	24.00
5	QPSK	12	0	23.36	23.60	23.38	24.00
5	QPSK	12	7	23.19	23.45	23.43	24.00
5	QPSK	12	13	23.17	23.34	23.21	24.00
5	QPSK	25	0	23.29	23.45	23.32	24.00
5	16QAM	1	0	23.38	23.49	23.30	24.00
5	16QAM	1	12	23.33	23.46	23.42	24.00
5	16QAM	1	24	23.34	23.45	23.43	24.00
5	16QAM	12	0	22.99	23.12	23.09	24.00
5	16QAM	12	7	23.15	23.27	23.07	24.00
5	16QAM	12	13	22.87	23.04	22.93	24.00
5	16QAM	25	0	22.98	23.16	22.99	24.00
5	64QAM	1	0	23.30	23.40	23.28	24.00
5	64QAM	1	12	22.95	23.09	22.98	24.00
5	64QAM	1	24	23.23	23.35	23.27	24.00
5	64QAM	12	0	21.96	22.11	22.00	23.00
5	64QAM	12	7	21.95	22.10	21.93	23.00
5	64QAM	12	13	21.78	22.03	21.86	23.00
5	64QAM	25	0	22.05	22.18	22.01	23.00
5	256QAM	1	0	20.03	20.17	19.99	21.00
5	256QAM	1	12	20.01	20.09	20.05	21.00
5	256QAM	1	24	20.05	20.06	20.10	21.00
5	256QAM	12	0	19.93	20.11	20.03	21.00
5	256QAM	12	7	20.11	20.21	20.02	21.00
5	256QAM	12	13	20.02	20.05	19.92	21.00
5	256QAM	25	0	19.96	20.07	19.88	21.00

【LTE Band 71_Ant 1_DSI 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				133222	133297	133372	
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	23.59	23.65	23.62	24.00
20	QPSK	1	49	23.43	23.63	23.52	24.00
20	QPSK	1	99	23.19	23.37	23.26	24.00
20	QPSK	50	0	23.44	23.62	23.52	24.00
20	QPSK	50	24	23.34	23.50	23.46	24.00
20	QPSK	50	50	23.26	23.43	23.29	24.00
20	QPSK	100	0	23.39	23.50	23.45	24.00
20	16QAM	1	0	23.40	23.58	23.45	24.00
20	16QAM	1	49	23.39	23.51	23.44	24.00
20	16QAM	1	99	23.37	23.52	23.46	24.00
20	16QAM	50	0	23.07	23.18	23.11	24.00
20	16QAM	50	24	23.19	23.28	23.16	24.00



FCC SAR Test Report

Report No. : FA572502

20	16QAM	50	50	22.96	23.16	23.02	24.00
20	16QAM	100	0	23.03	23.18	23.09	24.00
20	64QAM	1	0	23.34	23.46	23.40	24.00
20	64QAM	1	49	23.07	23.16	23.06	24.00
20	64QAM	1	99	23.29	23.48	23.39	24.00
20	64QAM	50	0	22.04	22.23	22.08	23.00
20	64QAM	50	24	22.01	22.21	22.06	23.00
20	64QAM	50	50	21.92	22.08	21.95	23.00
20	64QAM	100	0	22.12	22.24	22.07	23.00
20	256QAM	1	0	20.06	20.24	20.09	21.00
20	256QAM	1	49	20.07	20.16	20.07	21.00
20	256QAM	1	99	20.10	20.20	20.13	21.00
20	256QAM	50	0	20.07	20.18	20.06	21.00
20	256QAM	50	24	20.14	20.28	20.12	21.00
20	256QAM	50	50	20.07	20.18	20.06	21.00
20	256QAM	100	0	20.04	20.12	19.95	21.00
Channel				133197	133297	133397	Tune-up limit
Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	QPSK	1	0	23.46	23.56	23.55	24.00
15	QPSK	1	37	23.41	23.52	23.44	24.00
15	QPSK	1	74	23.14	23.27	23.18	24.00
15	QPSK	36	0	23.35	23.51	23.50	24.00
15	QPSK	36	20	23.23	23.40	23.40	24.00
15	QPSK	36	39	23.25	23.30	23.20	24.00
15	QPSK	75	0	23.36	23.48	23.33	24.00
15	16QAM	1	0	23.26	23.51	23.43	24.00
15	16QAM	1	37	23.25	23.41	23.36	24.00
15	16QAM	1	74	23.31	23.49	23.43	24.00
15	16QAM	36	0	22.93	23.10	23.02	24.00
15	16QAM	36	20	23.14	23.23	23.06	24.00
15	16QAM	36	39	22.95	23.13	22.90	24.00
15	16QAM	75	0	22.96	23.13	22.99	24.00
15	64QAM	1	0	23.23	23.33	23.35	24.00
15	64QAM	1	37	22.99	23.08	22.97	24.00
15	64QAM	1	74	23.19	23.36	23.32	24.00
15	64QAM	36	0	21.91	22.18	21.93	23.00
15	64QAM	36	20	21.90	22.09	21.98	23.00
15	64QAM	36	39	21.89	22.00	21.86	23.00
15	64QAM	75	0	21.99	22.15	21.93	23.00
15	256QAM	1	0	20.05	20.12	20.03	21.00
15	256QAM	1	37	19.95	20.15	19.98	21.00
15	256QAM	1	74	20.02	20.07	20.04	21.00
15	256QAM	36	0	19.95	20.09	19.99	21.00
15	256QAM	36	20	20.02	20.22	19.99	21.00
15	256QAM	36	39	19.97	20.16	19.95	21.00
15	256QAM	75	0	19.90	20.01	19.90	21.00
Channel				133172	133297	133422	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	QPSK	1	0	23.51	23.57	23.49	24.00
10	QPSK	1	25	23.35	23.55	23.38	24.00
10	QPSK	1	49	23.15	23.34	23.21	24.00
10	QPSK	25	0	23.30	23.52	23.47	24.00
10	QPSK	25	12	23.20	23.41	23.44	24.00
10	QPSK	25	25	23.13	23.33	23.22	24.00
10	QPSK	50	0	23.33	23.48	23.33	24.00
10	16QAM	1	0	23.29	23.53	23.43	24.00
10	16QAM	1	25	23.27	23.47	23.33	24.00
10	16QAM	1	49	23.28	23.38	23.42	24.00
10	16QAM	25	0	23.06	23.09	23.07	24.00
10	16QAM	25	12	23.13	23.15	23.07	24.00
10	16QAM	25	25	22.94	23.01	22.96	24.00
10	16QAM	50	0	22.96	23.12	23.00	24.00
10	64QAM	1	0	23.22	23.43	23.38	24.00
10	64QAM	1	25	22.99	23.13	22.94	24.00
10	64QAM	1	49	23.16	23.43	23.27	24.00
10	64QAM	25	0	21.90	22.13	21.95	23.00
10	64QAM	25	12	22.00	22.16	21.99	23.00
10	64QAM	25	25	21.79	22.01	21.90	23.00
10	64QAM	50	0	22.05	22.18	21.94	23.00
10	256QAM	1	0	19.97	20.19	19.97	21.00
10	256QAM	1	25	20.04	20.03	19.97	21.00
10	256QAM	1	49	20.04	20.17	20.10	21.00
10	256QAM	25	0	20.00	20.08	19.92	21.00
10	256QAM	25	12	20.02	20.24	20.04	21.00



FCC SAR Test Report

Report No. : FA572502

10	256QAM	25	25	20.01	20.16	19.92	21.00
10	256QAM	50	0	19.90	20.03	19.86	21.00
Channel				133147	133297	133447	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	23.54	23.59	23.60	24.00
5	QPSK	1	12	23.34	23.56	23.47	24.00
5	QPSK	1	24	23.08	23.33	23.22	24.00
5	QPSK	12	0	23.36	23.60	23.38	24.00
5	QPSK	12	7	23.19	23.45	23.43	24.00
5	QPSK	12	13	23.17	23.34	23.21	24.00
5	QPSK	25	0	23.29	23.45	23.32	24.00
5	16QAM	1	0	23.38	23.49	23.30	24.00
5	16QAM	1	12	23.33	23.46	23.42	24.00
5	16QAM	1	24	23.34	23.45	23.43	24.00
5	16QAM	12	0	22.99	23.12	23.09	24.00
5	16QAM	12	7	23.15	23.27	23.07	24.00
5	16QAM	12	13	22.87	23.04	22.93	24.00
5	16QAM	25	0	22.98	23.16	22.99	24.00
5	64QAM	1	0	23.30	23.40	23.28	24.00
5	64QAM	1	12	22.95	23.09	22.98	24.00
5	64QAM	1	24	23.23	23.35	23.27	24.00
5	64QAM	12	0	21.96	22.11	22.00	23.00
5	64QAM	12	7	21.95	22.10	21.93	23.00
5	64QAM	12	13	21.78	22.03	21.86	23.00
5	64QAM	25	0	22.05	22.18	22.01	23.00
5	256QAM	1	0	20.03	20.17	19.99	21.00
5	256QAM	1	12	20.01	20.09	20.05	21.00
5	256QAM	1	24	20.05	20.06	20.10	21.00
5	256QAM	12	0	19.93	20.11	20.03	21.00
5	256QAM	12	7	20.11	20.21	20.02	21.00
5	256QAM	12	13	20.02	20.05	19.92	21.00
5	256QAM	25	0	19.96	20.07	19.88	21.00

【LTE Band 71_Ant 1_DSI 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				133222	133297	133372	
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	23.59	23.65	23.62	24.00
20	QPSK	1	49	23.43	23.63	23.52	24.00
20	QPSK	1	99	23.19	23.37	23.26	24.00
20	QPSK	50	0	23.44	23.62	23.52	24.00
20	QPSK	50	24	23.34	23.50	23.46	24.00
20	QPSK	50	50	23.26	23.43	23.29	24.00
20	QPSK	100	0	23.39	23.50	23.45	24.00
20	16QAM	1	0	23.40	23.58	23.45	24.00
20	16QAM	1	49	23.39	23.51	23.44	24.00
20	16QAM	1	99	23.37	23.52	23.46	24.00
20	16QAM	50	0	23.07	23.18	23.11	24.00
20	16QAM	50	24	23.19	23.28	23.16	24.00
20	16QAM	50	50	22.96	23.16	23.02	24.00
20	16QAM	100	0	23.03	23.18	23.09	24.00
20	64QAM	1	0	23.34	23.46	23.40	24.00
20	64QAM	1	49	23.07	23.16	23.06	24.00
20	64QAM	1	99	23.29	23.48	23.39	24.00
20	64QAM	50	0	22.04	22.23	22.08	23.00
20	64QAM	50	24	22.01	22.21	22.06	23.00
20	64QAM	50	50	21.92	22.08	21.95	23.00
20	64QAM	100	0	22.12	22.24	22.07	23.00
20	256QAM	1	0	20.06	20.24	20.09	21.00
20	256QAM	1	49	20.07	20.16	20.07	21.00
20	256QAM	1	99	20.10	20.20	20.13	21.00
20	256QAM	50	0	20.07	20.18	20.06	21.00
20	256QAM	50	24	20.14	20.28	20.12	21.00
20	256QAM	50	50	20.07	20.18	20.06	21.00
20	256QAM	100	0	20.04	20.12	19.95	21.00
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	23.46	23.56	23.55	24.00



FCC SAR Test Report

Report No. : FA572502

15	QPSK	1	37	23.41	23.52	23.44	24.00
15	QPSK	1	74	23.14	23.27	23.18	24.00
15	QPSK	36	0	23.35	23.51	23.50	24.00
15	QPSK	36	20	23.23	23.40	23.40	24.00
15	QPSK	36	39	23.25	23.30	23.20	24.00
15	QPSK	75	0	23.36	23.48	23.33	24.00
15	16QAM	1	0	23.26	23.51	23.43	24.00
15	16QAM	1	37	23.25	23.41	23.36	24.00
15	16QAM	1	74	23.31	23.49	23.43	24.00
15	16QAM	36	0	22.93	23.10	23.02	24.00
15	16QAM	36	20	23.14	23.23	23.06	24.00
15	16QAM	36	39	22.95	23.13	22.90	24.00
15	16QAM	75	0	22.96	23.13	22.99	24.00
15	64QAM	1	0	23.23	23.33	23.35	24.00
15	64QAM	1	37	22.99	23.08	22.97	24.00
15	64QAM	1	74	23.19	23.36	23.32	24.00
15	64QAM	36	0	21.91	22.18	21.93	23.00
15	64QAM	36	20	21.90	22.09	21.98	23.00
15	64QAM	36	39	21.89	22.00	21.86	23.00
15	64QAM	75	0	21.99	22.15	21.93	23.00
15	256QAM	1	0	20.05	20.12	20.03	21.00
15	256QAM	1	37	19.95	20.15	19.98	21.00
15	256QAM	1	74	20.02	20.07	20.04	21.00
15	256QAM	36	0	19.95	20.09	19.99	21.00
15	256QAM	36	20	20.02	20.22	19.99	21.00
15	256QAM	36	39	19.97	20.16	19.95	21.00
15	256QAM	75	0	19.90	20.01	19.90	21.00
Channel				133172	133297	133422	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	QPSK	1	0	23.51	23.57	23.49	24.00
10	QPSK	1	25	23.35	23.55	23.38	24.00
10	QPSK	1	49	23.15	23.34	23.21	24.00
10	QPSK	25	0	23.30	23.52	23.47	24.00
10	QPSK	25	12	23.20	23.41	23.44	24.00
10	QPSK	25	25	23.13	23.33	23.22	24.00
10	QPSK	50	0	23.33	23.48	23.33	24.00
10	16QAM	1	0	23.29	23.53	23.43	24.00
10	16QAM	1	25	23.27	23.47	23.33	24.00
10	16QAM	1	49	23.28	23.38	23.42	24.00
10	16QAM	25	0	23.06	23.09	23.07	24.00
10	16QAM	25	12	23.13	23.15	23.07	24.00
10	16QAM	25	25	22.94	23.01	22.96	24.00
10	16QAM	50	0	22.96	23.12	23.00	24.00
10	64QAM	1	0	23.22	23.43	23.38	24.00
10	64QAM	1	25	22.99	23.13	22.94	24.00
10	64QAM	1	49	23.16	23.43	23.27	24.00
10	64QAM	25	0	21.90	22.13	21.95	23.00
10	64QAM	25	12	22.00	22.16	21.99	23.00
10	64QAM	25	25	21.79	22.01	21.90	23.00
10	64QAM	50	0	22.05	22.18	21.94	23.00
10	256QAM	1	0	19.97	20.19	19.97	21.00
10	256QAM	1	25	20.04	20.03	19.97	21.00
10	256QAM	1	49	20.04	20.17	20.10	21.00
10	256QAM	25	0	20.00	20.08	19.92	21.00
10	256QAM	25	12	20.02	20.24	20.04	21.00
10	256QAM	25	25	20.01	20.16	19.92	21.00
10	256QAM	50	0	19.90	20.03	19.86	21.00
Channel				133147	133297	133447	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	QPSK	1	0	23.54	23.59	23.60	24.00
5	QPSK	1	12	23.34	23.56	23.47	24.00
5	QPSK	1	24	23.08	23.33	23.22	24.00
5	QPSK	12	0	23.36	23.60	23.38	24.00
5	QPSK	12	7	23.19	23.45	23.43	24.00
5	QPSK	12	13	23.17	23.34	23.21	24.00
5	QPSK	25	0	23.29	23.45	23.32	24.00
5	16QAM	1	0	23.38	23.49	23.30	24.00
5	16QAM	1	12	23.33	23.46	23.42	24.00
5	16QAM	1	24	23.34	23.45	23.43	24.00
5	16QAM	12	0	22.99	23.12	23.09	24.00
5	16QAM	12	7	23.15	23.27	23.07	24.00
5	16QAM	12	13	22.87	23.04	22.93	24.00
5	16QAM	25	0	22.98	23.16	22.99	24.00
5	64QAM	1	0	23.30	23.40	23.28	24.00



5	64QAM	1	12	22.95	23.09	22.98	24.00
5	64QAM	1	24	23.23	23.35	23.27	24.00
5	64QAM	12	0	21.96	22.11	22.00	23.00
5	64QAM	12	7	21.95	22.10	21.93	23.00
5	64QAM	12	13	21.78	22.03	21.86	23.00
5	64QAM	25	0	22.05	22.18	22.01	23.00
5	256QAM	1	0	20.03	20.17	19.99	21.00
5	256QAM	1	12	20.01	20.09	20.05	21.00
5	256QAM	1	24	20.05	20.06	20.10	21.00
5	256QAM	12	0	19.93	20.11	20.03	21.00
5	256QAM	12	7	20.11	20.21	20.02	21.00
5	256QAM	12	13	20.02	20.05	19.92	21.00
5	256QAM	25	0	19.96	20.07	19.88	21.00

【LTE Band 71_Ant 1_DSI 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				133222	133297	133372	Tune-up limit (dBm)
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	23.59	23.65	23.62	24.00
20	QPSK	1	49	23.43	23.63	23.52	24.00
20	QPSK	1	99	23.19	23.37	23.26	24.00
20	QPSK	50	0	23.44	23.62	23.52	24.00
20	QPSK	50	24	23.34	23.50	23.46	24.00
20	QPSK	50	50	23.26	23.43	23.29	24.00
20	QPSK	100	0	23.39	23.50	23.45	24.00
20	16QAM	1	0	23.40	23.58	23.45	24.00
20	16QAM	1	49	23.39	23.51	23.44	24.00
20	16QAM	1	99	23.37	23.52	23.46	24.00
20	16QAM	50	0	23.07	23.18	23.11	24.00
20	16QAM	50	24	23.19	23.28	23.16	24.00
20	16QAM	50	50	22.96	23.16	23.02	24.00
20	16QAM	100	0	23.03	23.18	23.09	24.00
20	64QAM	1	0	23.34	23.46	23.40	24.00
20	64QAM	1	49	23.07	23.16	23.06	24.00
20	64QAM	1	99	23.29	23.48	23.39	24.00
20	64QAM	50	0	22.04	22.23	22.08	23.00
20	64QAM	50	24	22.01	22.21	22.06	23.00
20	64QAM	50	50	21.92	22.08	21.95	23.00
20	64QAM	100	0	22.12	22.24	22.07	23.00
20	256QAM	1	0	20.06	20.24	20.09	21.00
20	256QAM	1	49	20.07	20.16	20.07	21.00
20	256QAM	1	99	20.10	20.20	20.13	21.00
20	256QAM	50	0	20.07	20.18	20.06	21.00
20	256QAM	50	24	20.14	20.28	20.12	21.00
20	256QAM	50	50	20.07	20.18	20.06	21.00
20	256QAM	100	0	20.04	20.12	19.95	21.00
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	23.46	23.56	23.55	24.00
15	QPSK	1	37	23.41	23.52	23.44	24.00
15	QPSK	1	74	23.14	23.27	23.18	24.00
15	QPSK	36	0	23.35	23.51	23.50	24.00
15	QPSK	36	20	23.23	23.40	23.40	24.00
15	QPSK	36	39	23.25	23.30	23.20	24.00
15	QPSK	75	0	23.36	23.48	23.33	24.00
15	16QAM	1	0	23.26	23.51	23.43	24.00
15	16QAM	1	37	23.25	23.41	23.36	24.00
15	16QAM	1	74	23.31	23.49	23.43	24.00
15	16QAM	36	0	22.93	23.10	23.02	24.00
15	16QAM	36	20	23.14	23.23	23.06	24.00
15	16QAM	36	39	22.95	23.13	22.90	24.00
15	16QAM	75	0	22.96	23.13	22.99	24.00
15	64QAM	1	0	23.23	23.33	23.35	24.00
15	64QAM	1	37	22.99	23.08	22.97	24.00
15	64QAM	1	74	23.19	23.36	23.32	24.00
15	64QAM	36	0	21.91	22.18	21.93	23.00
15	64QAM	36	20	21.90	22.09	21.98	23.00
15	64QAM	36	39	21.89	22.00	21.86	23.00



15	64QAM	75	0	21.99	22.15	21.93	23.00
15	256QAM	1	0	20.05	20.12	20.03	21.00
15	256QAM	1	37	19.95	20.15	19.98	21.00
15	256QAM	1	74	20.02	20.07	20.04	21.00
15	256QAM	36	0	19.95	20.09	19.99	21.00
15	256QAM	36	20	20.02	20.22	19.99	21.00
15	256QAM	36	39	19.97	20.16	19.95	21.00
15	256QAM	75	0	19.90	20.01	19.90	21.00
Channel				133172	133297	133422	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	QPSK	1	0	23.51	23.57	23.49	24.00
10	QPSK	1	25	23.35	23.55	23.38	24.00
10	QPSK	1	49	23.15	23.34	23.21	24.00
10	QPSK	25	0	23.30	23.52	23.47	24.00
10	QPSK	25	12	23.20	23.41	23.44	24.00
10	QPSK	25	25	23.13	23.33	23.22	24.00
10	QPSK	50	0	23.33	23.48	23.33	24.00
10	16QAM	1	0	23.29	23.53	23.43	24.00
10	16QAM	1	25	23.27	23.47	23.33	24.00
10	16QAM	1	49	23.28	23.38	23.42	24.00
10	16QAM	25	0	23.06	23.09	23.07	24.00
10	16QAM	25	12	23.13	23.15	23.07	24.00
10	16QAM	25	25	22.94	23.01	22.96	24.00
10	16QAM	50	0	22.96	23.12	23.00	24.00
10	64QAM	1	0	23.22	23.43	23.38	24.00
10	64QAM	1	25	22.99	23.13	22.94	24.00
10	64QAM	1	49	23.16	23.43	23.27	24.00
10	64QAM	25	0	21.90	22.13	21.95	23.00
10	64QAM	25	12	22.00	22.16	21.99	23.00
10	64QAM	25	25	21.79	22.01	21.90	23.00
10	64QAM	50	0	22.05	22.18	21.94	23.00
10	256QAM	1	0	19.97	20.19	19.97	21.00
10	256QAM	1	25	20.04	20.03	19.97	21.00
10	256QAM	1	49	20.04	20.17	20.10	21.00
10	256QAM	25	0	20.00	20.08	19.92	21.00
10	256QAM	25	12	20.02	20.24	20.04	21.00
10	256QAM	25	25	20.01	20.16	19.92	21.00
10	256QAM	50	0	19.90	20.03	19.86	21.00
Channel				133147	133297	133447	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	QPSK	1	0	23.54	23.59	23.60	24.00
5	QPSK	1	12	23.34	23.56	23.47	24.00
5	QPSK	1	24	23.08	23.33	23.22	24.00
5	QPSK	12	0	23.36	23.60	23.38	24.00
5	QPSK	12	7	23.19	23.45	23.43	24.00
5	QPSK	12	13	23.17	23.34	23.21	24.00
5	QPSK	25	0	23.29	23.45	23.32	24.00
5	16QAM	1	0	23.38	23.49	23.30	24.00
5	16QAM	1	12	23.33	23.46	23.42	24.00
5	16QAM	1	24	23.34	23.45	23.43	24.00
5	16QAM	12	0	22.99	23.12	23.09	24.00
5	16QAM	12	7	23.15	23.27	23.07	24.00
5	16QAM	12	13	22.87	23.04	22.93	24.00
5	16QAM	25	0	22.98	23.16	22.99	24.00
5	64QAM	1	0	23.30	23.40	23.28	24.00
5	64QAM	1	12	22.95	23.09	22.98	24.00
5	64QAM	1	24	23.23	23.35	23.27	24.00
5	64QAM	12	0	21.96	22.11	22.00	23.00
5	64QAM	12	7	21.95	22.10	21.93	23.00
5	64QAM	12	13	21.78	22.03	21.86	23.00
5	64QAM	25	0	22.05	22.18	22.01	23.00
5	256QAM	1	0	20.03	20.17	19.99	21.00
5	256QAM	1	12	20.01	20.09	20.05	21.00
5	256QAM	1	24	20.05	20.06	20.10	21.00
5	256QAM	12	0	19.93	20.11	20.03	21.00
5	256QAM	12	7	20.11	20.21	20.02	21.00
5	256QAM	12	13	20.02	20.05	19.92	21.00
5	256QAM	25	0	19.96	20.07	19.88	21.00



【LTE Band 71_Ant 1_DSI 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				133222	133297	133372	Tune-up limit (dBm)
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	21.75	21.77	21.73	22.80
20	QPSK	1	49	21.58	21.45	21.57	22.80
20	QPSK	1	99	21.39	21.60	21.56	22.80
20	QPSK	50	0	21.53	21.61	21.39	22.80
20	QPSK	50	24	21.53	21.49	21.38	22.80
20	QPSK	50	50	21.39	21.56	21.49	22.80
20	QPSK	100	0	21.59	21.58	21.48	22.80
20	16QAM	1	0	21.55	21.49	21.51	22.80
20	16QAM	1	49	21.58	21.57	21.45	22.80
20	16QAM	1	99	21.51	21.40	21.45	22.80
20	16QAM	50	0	21.41	21.50	21.48	22.80
20	16QAM	50	24	21.46	21.48	21.38	22.80
20	16QAM	50	50	21.61	21.48	21.42	22.80
20	16QAM	100	0	21.59	21.47	21.47	22.80
20	64QAM	1	0	21.59	21.40	21.55	22.80
20	64QAM	1	49	21.41	21.48	21.49	22.80
20	64QAM	1	99	21.55	21.56	21.44	22.80
20	64QAM	50	0	21.42	21.57	21.45	22.80
20	64QAM	50	24	21.53	21.47	21.58	22.80
20	64QAM	50	50	21.44	21.48	21.49	22.80
20	64QAM	100	0	21.53	21.61	21.45	22.80
20	256QAM	1	0	19.65	19.64	19.74	21.00
20	256QAM	1	49	19.61	19.76	19.69	21.00
20	256QAM	1	99	19.68	19.71	19.80	21.00
20	256QAM	50	0	19.80	19.66	19.60	21.00
20	256QAM	50	24	19.75	19.80	19.67	21.00
20	256QAM	50	50	19.77	19.65	19.69	21.00
20	256QAM	100	0	19.63	19.78	19.67	21.00
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	21.61	21.66	21.69	22.80
15	QPSK	1	37	21.56	21.37	21.52	22.80
15	QPSK	1	74	21.36	21.58	21.52	22.80
15	QPSK	36	0	21.49	21.44	21.30	22.80
15	QPSK	36	20	21.52	21.40	21.34	22.80
15	QPSK	36	39	21.24	21.48	21.35	22.80
15	QPSK	75	0	21.48	21.48	21.43	22.80
15	16QAM	1	0	21.46	21.38	21.49	22.80
15	16QAM	1	37	21.55	21.43	21.32	22.80
15	16QAM	1	74	21.40	21.35	21.43	22.80
15	16QAM	36	0	21.38	21.41	21.41	22.80
15	16QAM	36	20	21.34	21.45	21.25	22.80
15	16QAM	36	39	21.57	21.41	21.33	22.80
15	16QAM	75	0	21.54	21.36	21.33	22.80
15	64QAM	1	0	21.54	21.26	21.43	22.80
15	64QAM	1	37	21.37	21.38	21.48	22.80
15	64QAM	1	74	21.48	21.53	21.36	22.80
15	64QAM	36	0	21.35	21.48	21.34	22.80
15	64QAM	36	20	21.39	21.35	21.45	22.80
15	64QAM	36	39	21.34	21.46	21.36	22.80
15	64QAM	75	0	21.45	21.57	21.42	22.80
15	256QAM	1	0	19.59	19.59	19.60	21.00
15	256QAM	1	37	19.47	19.65	19.65	21.00
15	256QAM	1	74	19.56	19.64	19.71	21.00
15	256QAM	36	0	19.70	19.61	19.50	21.00
15	256QAM	36	20	19.67	19.70	19.65	21.00
15	256QAM	36	39	19.73	19.64	19.64	21.00
15	256QAM	75	0	19.61	19.73	19.63	21.00
Channel				133172	133297	133422	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	21.69	21.67	21.69	22.80
10	QPSK	1	25	21.48	21.32	21.56	22.80
10	QPSK	1	49	21.37	21.58	21.48	22.80
10	QPSK	25	0	21.45	21.33	21.36	22.80
10	QPSK	25	12	21.40	21.48	21.24	22.80
10	QPSK	25	25	21.33	21.52	21.45	22.80
10	QPSK	50	0	21.56	21.52	21.38	22.80



10	16QAM	1	0	21.49	21.44	21.44	22.80
10	16QAM	1	25	21.52	21.50	21.35	22.80
10	16QAM	1	49	21.44	21.33	21.34	22.80
10	16QAM	25	0	21.28	21.47	21.39	22.80
10	16QAM	25	12	21.35	21.33	21.28	22.80
10	16QAM	25	25	21.47	21.35	21.41	22.80
10	16QAM	50	0	21.45	21.37	21.40	22.80
10	64QAM	1	0	21.53	21.33	21.40	22.80
10	64QAM	1	25	21.31	21.37	21.45	22.80
10	64QAM	1	49	21.47	21.45	21.42	22.80
10	64QAM	25	0	21.32	21.50	21.40	22.80
10	64QAM	25	12	21.49	21.35	21.56	22.80
10	64QAM	25	25	21.33	21.34	21.44	22.80
10	64QAM	50	0	21.50	21.55	21.41	22.80
10	256QAM	1	0	19.64	19.59	19.69	21.00
10	256QAM	1	25	19.53	19.66	19.65	21.00
10	256QAM	1	49	19.53	19.64	19.68	21.00
10	256QAM	25	0	19.78	19.52	19.51	21.00
10	256QAM	25	12	19.61	19.71	19.61	21.00
10	256QAM	25	25	19.75	19.62	19.68	21.00
10	256QAM	50	0	19.55	19.68	19.53	21.00
Channel				133147	133297	133447	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	QPSK	1	0	21.67	21.62	21.62	22.80
5	QPSK	1	12	21.47	21.34	21.45	22.80
5	QPSK	1	24	21.31	21.56	21.48	22.80
5	QPSK	12	0	21.41	21.31	21.25	22.80
5	QPSK	12	7	21.41	21.46	21.28	22.80
5	QPSK	12	13	21.24	21.47	21.47	22.80
5	QPSK	25	0	21.52	21.48	21.41	22.80
5	16QAM	1	0	21.51	21.44	21.37	22.80
5	16QAM	1	12	21.53	21.51	21.42	22.80
5	16QAM	1	24	21.48	21.26	21.40	22.80
5	16QAM	12	0	21.35	21.46	21.41	22.80
5	16QAM	12	7	21.45	21.39	21.27	22.80
5	16QAM	12	13	21.48	21.42	21.39	22.80
5	16QAM	25	0	21.52	21.33	21.45	22.80
5	64QAM	1	0	21.55	21.38	21.45	22.80
5	64QAM	1	12	21.29	21.45	21.37	22.80
5	64QAM	1	24	21.45	21.47	21.36	22.80
5	64QAM	12	0	21.37	21.52	21.33	22.80
5	64QAM	12	7	21.51	21.44	21.54	22.80
5	64QAM	12	13	21.35	21.47	21.48	22.80
5	64QAM	25	0	21.39	21.48	21.41	22.80
5	256QAM	1	0	19.60	19.63	19.65	21.00
5	256QAM	1	12	19.49	19.69	19.63	21.00
5	256QAM	1	24	19.67	19.59	19.78	21.00
5	256QAM	12	0	19.68	19.64	19.48	21.00
5	256QAM	12	7	19.62	19.65	19.60	21.00
5	256QAM	12	13	19.63	19.61	19.55	21.00
5	256QAM	25	0	19.61	19.71	19.59	21.00



<5G NR Conducted Power>

【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	23.75	23.79	23.72	24.00
40	PI/2 BPSK	1	108	23.55	23.71	23.53	24.00
40	PI/2 BPSK	1	214	23.59	23.73	23.55	24.00
40	PI/2 BPSK	108	0	23.57	23.75	23.53	24.00
40	PI/2 BPSK	108	54	23.65	23.77	23.56	24.00
40	PI/2 BPSK	108	108	23.62	23.69	23.52	24.00
40	PI/2 BPSK	216	0	23.58	23.66	23.51	24.00
40	QPSK	1	1	23.55	23.64	23.49	24.00
40	QPSK	1	108	23.46	23.62	23.45	24.00
40	QPSK	1	214	23.57	23.68	23.57	24.00
40	QPSK	108	0	23.58	23.69	23.56	24.00
40	QPSK	108	54	23.66	23.72	23.52	24.00
40	QPSK	108	108	23.62	23.71	23.58	24.00
40	QPSK	216	0	23.59	23.65	23.45	24.00
40	16QAM	1	1	23.53	23.64	23.46	24.00
40	64QAM	1	1	22.71	22.83	22.73	23.00
40	256QAM	1	1	20.60	20.78	20.64	21.00
Channel				373500	376000	378500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	23.66	23.74	23.58	24.00
Channel				373000	376000	379000	Tune-up limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	23.73	23.76	23.62	24.00
Channel				372500	376000	379500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	23.72	23.72	23.71	24.00
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	23.67	23.71	23.63	24.00
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	23.63	23.67	23.59	24.00
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	23.74	23.70	23.64	24.00
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	23.63	23.70	23.69	24.00

【FR1 n2_Ant 4_DSI 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	17.56	17.75	17.70	18.70
40	PI/2 BPSK	1	108	17.58	17.67	17.71	18.70
40	PI/2 BPSK	1	214	17.59	17.72	17.67	18.70
40	PI/2 BPSK	108	0	17.73	17.62	17.70	18.70
40	PI/2 BPSK	108	54	17.66	17.69	17.65	18.70
40	PI/2 BPSK	108	108	17.69	17.59	17.56	18.70
40	PI/2 BPSK	216	0	17.55	17.66	17.62	18.70
40	QPSK	1	1	17.54	17.76	17.60	18.70
40	QPSK	1	108	17.57	17.63	17.67	18.70
40	QPSK	1	214	17.69	17.73	17.59	18.70
40	QPSK	108	0	17.65	17.78	17.66	18.70
40	QPSK	108	54	17.69	17.78	17.54	18.70
40	QPSK	108	108	17.69	17.67	17.61	18.70
40	QPSK	216	0	17.61	17.59	17.58	18.70
40	16QAM	1	1	17.57	17.74	17.63	18.70
40	64QAM	1	1	17.65	17.62	17.72	18.70
40	256QAM	1	1	17.63	17.65	17.67	18.70
Channel				373500	376000	378500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	17.50	17.61	17.68	18.70
Channel				373000	376000	379000	Tune-up limit



Frequency (MHz)				1865	1880	1895	(dBm)
30	PI/2 BPSK	1	1	17.43	17.66	17.68	18.70
Channel				372500	376000	379500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	(dBm)
25	PI/2 BPSK	1	1	17.55	17.61	17.63	18.70
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	(dBm)
20	PI/2 BPSK	1	1	17.52	17.63	17.66	18.70
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	(dBm)
15	PI/2 BPSK	1	1	17.52	17.61	17.60	18.70
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	(dBm)
10	PI/2 BPSK	1	1	17.46	17.68	17.55	18.70
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	PI/2 BPSK	1	1	17.49	17.63	17.66	18.70

【FR1 n2_Ant 4_DSI 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	Tune-up limit (dBm)
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	20.83	20.85	20.78	22.00
40	PI/2 BPSK	1	108	20.71	20.77	20.66	22.00
40	PI/2 BPSK	1	214	20.69	20.79	20.63	22.00
40	PI/2 BPSK	108	0	20.75	20.80	20.64	22.00
40	PI/2 BPSK	108	54	20.73	20.81	20.60	22.00
40	PI/2 BPSK	108	108	20.71	20.75	20.62	22.00
40	PI/2 BPSK	216	0	20.63	20.76	20.65	22.00
40	QPSK	1	1	20.60	20.73	20.55	22.00
40	QPSK	1	108	20.68	20.74	20.54	22.00
40	QPSK	1	214	20.62	20.69	20.52	22.00
40	QPSK	108	0	20.54	20.68	20.58	22.00
40	QPSK	108	54	20.68	20.75	20.61	22.00
40	QPSK	108	108	20.64	20.77	20.62	22.00
40	QPSK	216	0	20.62	20.73	20.60	22.00
40	16QAM	1	1	20.54	20.71	20.57	22.00
40	64QAM	1	1	20.57	20.74	20.66	22.00
40	256QAM	1	1	19.74	19.83	19.65	21.00
Channel				373500	376000	378500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	(dBm)
35	PI/2 BPSK	1	1	20.81	20.80	20.66	22.00
Channel				373000	376000	379000	Tune-up limit (dBm)
Frequency (MHz)				1865	1880	1895	(dBm)
30	PI/2 BPSK	1	1	20.80	20.72	20.75	22.00
Channel				372500	376000	379500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	(dBm)
25	PI/2 BPSK	1	1	20.72	20.74	20.70	22.00
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	(dBm)
20	PI/2 BPSK	1	1	20.76	20.71	20.67	22.00
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	(dBm)
15	PI/2 BPSK	1	1	20.71	20.80	20.73	22.00
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	(dBm)
10	PI/2 BPSK	1	1	20.73	20.82	20.75	22.00
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	PI/2 BPSK	1	1	20.71	20.76	20.75	22.00

【FR1 n2_Ant 4_DSI 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	23.75	23.79	23.72	24.00
40	PI/2 BPSK	1	108	23.55	23.71	23.53	24.00
40	PI/2 BPSK	1	214	23.59	23.73	23.55	24.00
40	PI/2 BPSK	108	0	23.57	23.75	23.53	24.00
40	PI/2 BPSK	108	54	23.65	23.77	23.56	24.00
40	PI/2 BPSK	108	108	23.62	23.69	23.52	24.00
40	PI/2 BPSK	216	0	23.58	23.66	23.51	24.00
40	QPSK	1	1	23.55	23.64	23.49	24.00
40	QPSK	1	108	23.46	23.62	23.45	24.00
40	QPSK	1	214	23.57	23.68	23.57	24.00
40	QPSK	108	0	23.58	23.69	23.56	24.00
40	QPSK	108	54	23.66	23.72	23.52	24.00
40	QPSK	108	108	23.62	23.71	23.58	24.00
40	QPSK	216	0	23.59	23.65	23.45	24.00
40	16QAM	1	1	23.53	23.64	23.46	24.00
40	64QAM	1	1	22.71	22.83	22.73	23.00
40	256QAM	1	1	20.60	20.78	20.64	21.00
Channel				373500	376000	378500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	23.66	23.74	23.58	24.00
Channel				373000	376000	379000	Tune-up limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	23.73	23.76	23.62	24.00
Channel				372500	376000	379500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	23.72	23.72	23.71	24.00
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	23.67	23.71	23.63	24.00
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	23.63	23.67	23.59	24.00
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	23.74	23.70	23.64	24.00
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	23.63	23.70	23.69	24.00

【FR1 n2_Ant 4_DSI 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	21.15	21.23	21.18	22.10
40	PI/2 BPSK	1	108	21.11	21.10	20.94	22.10
40	PI/2 BPSK	1	214	21.02	20.95	20.95	22.10
40	PI/2 BPSK	108	0	20.97	21.02	20.92	22.10
40	PI/2 BPSK	108	54	21.05	21.07	21.08	22.10
40	PI/2 BPSK	108	108	20.96	20.95	21.09	22.10
40	PI/2 BPSK	216	0	20.89	20.90	20.90	22.10
40	QPSK	1	1	20.97	21.08	20.91	22.10
40	QPSK	1	108	20.93	21.12	21.02	22.10
40	QPSK	1	214	20.88	21.07	20.90	22.10
40	QPSK	108	0	21.04	20.91	21.01	22.10
40	QPSK	108	54	20.92	21.01	20.89	22.10
40	QPSK	108	108	20.97	21.03	20.98	22.10
40	QPSK	216	0	20.97	21.03	20.92	22.10
40	16QAM	1	1	21.12	20.97	21.07	22.10
40	64QAM	1	1	20.95	20.94	21.09	22.10
40	256QAM	1	1	19.05	19.03	19.04	21.00
Channel				373500	376000	378500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	21.12	21.22	21.11	22.10
Channel				373000	376000	379000	Tune-up limit (dBm)
Frequency (MHz)				1865	1880	1895	

30	PI/2 BPSK	1	1	21.03	21.21	21.04	22.10
Channel				372500	376000	379500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	21.11	21.17	21.12	22.10
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	21.06	21.11	21.09	22.10
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	21.13	21.11	21.08	22.10
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	21.03	21.18	21.13	22.10
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	21.08	21.09	21.14	22.10

【FR1 n2_Ant 4_DSI 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	17.25	17.31	17.26	18.20
40	PI/2 BPSK	1	108	17.23	17.05	17.16	18.20
40	PI/2 BPSK	1	214	17.08	17.24	17.09	18.20
40	PI/2 BPSK	108	0	17.13	17.22	17.24	18.20
40	PI/2 BPSK	108	54	17.12	17.25	17.15	18.20
40	PI/2 BPSK	108	108	17.15	17.23	17.04	18.20
40	PI/2 BPSK	216	0	17.22	17.06	17.14	18.20
40	QPSK	1	1	17.12	17.24	17.11	18.20
40	QPSK	1	108	17.05	17.22	17.11	18.20
40	QPSK	1	214	17.24	17.09	17.21	18.20
40	QPSK	108	0	17.11	17.16	17.06	18.20
40	QPSK	108	54	17.22	17.26	17.17	18.20
40	QPSK	108	108	17.07	17.11	17.22	18.20
40	QPSK	216	0	17.03	17.22	17.07	18.20
40	16QAM	1	1	17.26	17.06	17.26	18.20
40	64QAM	1	1	17.08	17.12	17.25	18.20
40	256QAM	1	1	17.11	17.15	17.12	18.20
Channel				373500	376000	378500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	17.23	17.21	17.24	18.20
Channel				373000	376000	379000	Tune-up limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	17.22	17.27	17.19	18.20
Channel				372500	376000	379500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	17.11	17.19	17.16	18.20
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	17.12	17.27	17.20	18.20
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	17.23	17.21	17.15	18.20
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	17.10	17.25	17.21	18.20
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	17.22	17.18	17.13	18.20



【FR1 n2_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				374000	376000	378000	Tune-up limit (dBm)
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	23.19	23.26	23.23	24.00
40	PI/2 BPSK	1	108	23.06	23.19	23.09	24.00
40	PI/2 BPSK	1	214	23.12	23.23	23.15	24.00
40	PI/2 BPSK	108	0	22.98	23.12	22.98	24.00
40	PI/2 BPSK	108	54	23.13	23.25	23.11	24.00
40	PI/2 BPSK	108	108	23.07	23.16	22.99	24.00
40	PI/2 BPSK	216	0	22.93	23.14	23.01	24.00
40	QPSK	1	1	22.99	23.19	23.07	24.00
40	QPSK	1	108	23.07	23.22	23.12	24.00
40	QPSK	1	214	23.10	23.23	23.08	24.00
40	QPSK	108	0	23.00	23.15	23.06	24.00
40	QPSK	108	54	22.99	23.17	22.99	24.00
40	QPSK	108	108	22.98	23.19	23.04	24.00
40	QPSK	216	0	23.03	23.22	23.06	24.00
40	16QAM	1	1	22.97	23.08	22.99	24.00
40	64QAM	1	1	22.06	22.27	22.16	23.00
40	256QAM	1	1	20.07	20.27	20.16	21.00
Channel				373500	376000	378500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	23.06	23.22	23.18	24.00
Channel				373000	376000	379000	Tune-up limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	23.11	23.23	23.15	24.00
Channel				372500	376000	379500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	23.06	23.18	23.12	24.00
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	23.12	23.16	23.09	24.00
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	23.16	23.13	23.22	24.00
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	23.08	23.20	23.18	24.00
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	23.09	23.19	23.14	24.00

【FR1 n2_Ant 8_DSI 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	23.19	23.26	23.23	24.00
40	PI/2 BPSK	1	108	23.06	23.19	23.09	24.00
40	PI/2 BPSK	1	214	23.12	23.23	23.15	24.00
40	PI/2 BPSK	108	0	22.98	23.12	22.98	24.00
40	PI/2 BPSK	108	54	23.13	23.25	23.11	24.00
40	PI/2 BPSK	108	108	23.07	23.16	22.99	24.00
40	PI/2 BPSK	216	0	22.93	23.14	23.01	24.00
40	QPSK	1	1	22.99	23.19	23.07	24.00
40	QPSK	1	108	23.07	23.22	23.12	24.00
40	QPSK	1	214	23.10	23.23	23.08	24.00
40	QPSK	108	0	23.00	23.15	23.06	24.00
40	QPSK	108	54	22.99	23.17	22.99	24.00
40	QPSK	108	108	22.98	23.19	23.04	24.00
40	QPSK	216	0	23.03	23.22	23.06	24.00
40	16QAM	1	1	22.97	23.08	22.99	24.00
40	64QAM	1	1	22.06	22.27	22.16	23.00
40	256QAM	1	1	20.07	20.27	20.16	21.00
Channel				373500	376000	378500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	23.06	23.22	23.18	24.00
Channel				373000	376000	379000	Tune-up limit (dBm)
Frequency (MHz)				1865	1880	1895	

30	PI/2 BPSK	1	1	23.11	23.23	23.15	24.00
Channel				372500	376000	379500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	23.06	23.18	23.12	24.00
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	23.12	23.16	23.09	24.00
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	23.16	23.13	23.22	24.00
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	23.08	23.20	23.18	24.00
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	23.09	23.19	23.14	24.00

【FR1 n2_Ant 8_DSI 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	19.29	19.35	19.31	20.30
40	PI/2 BPSK	1	108	19.16	19.26	19.13	20.30
40	PI/2 BPSK	1	214	19.05	19.21	19.08	20.30
40	PI/2 BPSK	108	0	19.04	19.23	19.16	20.30
40	PI/2 BPSK	108	54	19.18	19.29	19.14	20.30
40	PI/2 BPSK	108	108	19.10	19.25	19.19	20.30
40	PI/2 BPSK	216	0	19.03	19.22	19.09	20.30
40	QPSK	1	1	18.99	19.19	19.13	20.30
40	QPSK	1	108	19.09	19.18	19.10	20.30
40	QPSK	1	214	18.96	19.16	19.06	20.30
40	QPSK	108	0	19.06	19.21	19.05	20.30
40	QPSK	108	54	19.03	19.23	19.12	20.30
40	QPSK	108	108	19.10	19.25	19.09	20.30
40	QPSK	216	0	19.07	19.22	19.17	20.30
40	16QAM	1	1	19.11	19.26	19.18	20.30
40	64QAM	1	1	19.07	19.21	19.05	20.30
40	256QAM	1	1	19.14	19.23	19.16	20.30
Channel				373500	376000	378500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	19.16	19.33	19.23	20.30
Channel				373000	376000	379000	Tune-up limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	19.18	19.20	19.16	20.30
Channel				372500	376000	379500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	19.25	19.28	19.30	20.30
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	19.16	19.20	19.26	20.30
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	19.26	19.22	19.23	20.30
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	19.18	19.31	19.23	20.30
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	19.17	19.26	19.17	20.30



【FR1 n2_Ant 8_DSI 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	23.19	23.26	23.23	24.00
40	PI/2 BPSK	1	108	23.06	23.19	23.09	24.00
40	PI/2 BPSK	1	214	23.12	23.23	23.15	24.00
40	PI/2 BPSK	108	0	22.98	23.12	22.98	24.00
40	PI/2 BPSK	108	54	23.13	23.25	23.11	24.00
40	PI/2 BPSK	108	108	23.07	23.16	22.99	24.00
40	PI/2 BPSK	216	0	22.93	23.14	23.01	24.00
40	QPSK	1	1	22.99	23.19	23.07	24.00
40	QPSK	1	108	23.07	23.22	23.12	24.00
40	QPSK	1	214	23.10	23.23	23.08	24.00
40	QPSK	108	0	23.00	23.15	23.06	24.00
40	QPSK	108	54	22.99	23.17	22.99	24.00
40	QPSK	108	108	22.98	23.19	23.04	24.00
40	QPSK	216	0	23.03	23.22	23.06	24.00
40	16QAM	1	1	22.97	23.08	22.99	24.00
40	64QAM	1	1	22.06	22.27	22.16	23.00
40	256QAM	1	1	20.07	20.27	20.16	21.00
Channel				373500	376000	378500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	23.06	23.22	23.18	24.00
Channel				373000	376000	379000	Tune-up limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	23.11	23.23	23.15	24.00
Channel				372500	376000	379500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	23.06	23.18	23.12	24.00
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	23.12	23.16	23.09	24.00
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	23.16	23.13	23.22	24.00
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	23.08	23.20	23.18	24.00
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	23.09	23.19	23.14	24.00

【FR1 n2_Ant 8_DSI 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	21.31	21.35	21.28	22.50
40	PI/2 BPSK	1	108	21.26	21.23	21.28	22.50
40	PI/2 BPSK	1	214	21.30	21.15	21.27	22.50
40	PI/2 BPSK	108	0	21.21	21.15	21.27	22.50
40	PI/2 BPSK	108	54	21.12	21.28	21.20	22.50
40	PI/2 BPSK	108	108	21.14	21.21	21.23	22.50
40	PI/2 BPSK	216	0	21.28	21.24	21.31	22.50
40	QPSK	1	1	21.23	21.19	21.28	22.50
40	QPSK	1	108	21.22	21.32	21.09	22.50
40	QPSK	1	214	21.23	21.11	21.12	22.50
40	QPSK	108	0	21.22	21.20	21.18	22.50
40	QPSK	108	54	21.09	21.13	21.18	22.50
40	QPSK	108	108	21.23	21.32	21.32	22.50
40	QPSK	216	0	21.24	21.16	21.29	22.50
40	16QAM	1	1	21.09	21.09	21.26	22.50
40	64QAM	1	1	21.17	21.25	21.32	22.50
40	256QAM	1	1	19.93	19.89	19.91	21.00
Channel				373500	376000	378500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	21.25	21.30	21.18	22.50
Channel				373000	376000	379000	Tune-up limit (dBm)
Frequency (MHz)				1865	1880	1895	



30	PI/2 BPSK	1	1	21.22	21.27	21.22	22.50
Channel				372500	376000	379500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	21.28	21.34	21.20	22.50
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	21.26	21.21	21.26	22.50
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	21.26	21.34	21.22	22.50
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	21.22	21.31	21.13	22.50
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	21.25	21.31	21.24	22.50

【FR1 n2_Ant 8_DSI 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	17.73	17.79	17.75	18.70
40	PI/2 BPSK	1	108	17.55	17.63	17.57	18.70
40	PI/2 BPSK	1	214	17.52	17.69	17.67	18.70
40	PI/2 BPSK	108	0	17.62	17.67	17.57	18.70
40	PI/2 BPSK	108	54	17.53	17.75	17.50	18.70
40	PI/2 BPSK	108	108	17.70	17.54	17.67	18.70
40	PI/2 BPSK	216	0	17.63	17.50	17.52	18.70
40	QPSK	1	1	17.66	17.71	17.72	18.70
40	QPSK	1	108	17.63	17.64	17.64	18.70
40	QPSK	1	214	17.63	17.51	17.57	18.70
40	QPSK	108	0	17.52	17.68	17.56	18.70
40	QPSK	108	54	17.50	17.51	17.57	18.70
40	QPSK	108	108	17.61	17.56	17.49	18.70
40	QPSK	216	0	17.69	17.57	17.68	18.70
40	16QAM	1	1	17.49	17.69	17.52	18.70
40	64QAM	1	1	17.64	17.62	17.69	18.70
40	256QAM	1	1	17.70	17.60	17.57	18.70
Channel				373500	376000	378500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	17.70	17.74	17.71	18.70
Channel				373000	376000	379000	Tune-up limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	17.65	17.72	17.69	18.70
Channel				372500	376000	379500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	17.69	17.72	17.64	18.70
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	17.70	17.76	17.63	18.70
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	17.69	17.76	17.73	18.70
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	17.65	17.72	17.68	18.70
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	17.62	17.71	17.74	18.70



【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	23.55	23.61	23.60	24.00
20	PI/2 BPSK	1	53	23.45	23.56	23.43	24.00
20	PI/2 BPSK	1	104	23.40	23.49	23.41	24.00
20	PI/2 BPSK	50	0	23.31	23.42	23.38	24.00
20	PI/2 BPSK	50	28	23.37	23.56	23.46	24.00
20	PI/2 BPSK	50	56	23.30	23.48	23.39	24.00
20	PI/2 BPSK	100	0	23.46	23.57	23.45	24.00
20	QPSK	1	1	23.46	23.55	23.48	24.00
20	QPSK	1	53	23.42	23.54	23.51	24.00
20	QPSK	1	104	23.39	23.52	23.41	24.00
20	QPSK	50	0	23.28	23.46	23.40	24.00
20	QPSK	50	28	23.42	23.56	23.40	24.00
20	QPSK	50	56	23.40	23.49	23.39	24.00
20	QPSK	100	0	23.37	23.46	23.40	24.00
20	16QAM	1	1	23.39	23.49	23.38	24.00
20	64QAM	1	1	22.45	22.57	22.52	23.00
20	256QAM	1	1	20.39	20.57	20.41	21.00
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	23.45	23.54	23.58	24.00
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	23.44	23.55	23.50	24.00
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	23.46	23.48	23.52	24.00

【FR1 n5_Ant 0_DSI 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	23.55	23.61	23.60	24.00
20	PI/2 BPSK	1	53	23.45	23.56	23.43	24.00
20	PI/2 BPSK	1	104	23.40	23.49	23.41	24.00
20	PI/2 BPSK	50	0	23.31	23.42	23.38	24.00
20	PI/2 BPSK	50	28	23.37	23.56	23.46	24.00
20	PI/2 BPSK	50	56	23.30	23.48	23.39	24.00
20	PI/2 BPSK	100	0	23.46	23.57	23.45	24.00
20	QPSK	1	1	23.46	23.55	23.48	24.00
20	QPSK	1	53	23.42	23.54	23.51	24.00
20	QPSK	1	104	23.39	23.52	23.41	24.00
20	QPSK	50	0	23.28	23.46	23.40	24.00
20	QPSK	50	28	23.42	23.56	23.40	24.00
20	QPSK	50	56	23.40	23.49	23.39	24.00
20	QPSK	100	0	23.37	23.46	23.40	24.00
20	16QAM	1	1	23.39	23.49	23.38	24.00
20	64QAM	1	1	22.45	22.57	22.52	23.00
20	256QAM	1	1	20.39	20.57	20.41	21.00
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	23.45	23.54	23.58	24.00
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	23.44	23.55	23.50	24.00
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	23.46	23.48	23.52	24.00



【FR1 n5_Ant 0_DSI 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	23.55	23.61	23.60	24.00
20	PI/2 BPSK	1	53	23.45	23.56	23.43	24.00
20	PI/2 BPSK	1	104	23.40	23.49	23.41	24.00
20	PI/2 BPSK	50	0	23.31	23.42	23.38	24.00
20	PI/2 BPSK	50	28	23.37	23.56	23.46	24.00
20	PI/2 BPSK	50	56	23.30	23.48	23.39	24.00
20	PI/2 BPSK	100	0	23.46	23.57	23.45	24.00
20	QPSK	1	1	23.46	23.55	23.48	24.00
20	QPSK	1	53	23.42	23.54	23.51	24.00
20	QPSK	1	104	23.39	23.52	23.41	24.00
20	QPSK	50	0	23.28	23.46	23.40	24.00
20	QPSK	50	28	23.42	23.56	23.40	24.00
20	QPSK	50	56	23.40	23.49	23.39	24.00
20	QPSK	100	0	23.37	23.46	23.40	24.00
20	16QAM	1	1	23.39	23.49	23.38	24.00
20	64QAM	1	1	22.45	22.57	22.52	23.00
20	256QAM	1	1	20.39	20.57	20.41	21.00
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	23.45	23.54	23.58	24.00
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	23.44	23.55	23.50	24.00
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	23.46	23.48	23.52	24.00

【FR1 n5_Ant 0_DSI 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	23.55	23.61	23.60	24.00
20	PI/2 BPSK	1	53	23.45	23.56	23.43	24.00
20	PI/2 BPSK	1	104	23.40	23.49	23.41	24.00
20	PI/2 BPSK	50	0	23.31	23.42	23.38	24.00
20	PI/2 BPSK	50	28	23.37	23.56	23.46	24.00
20	PI/2 BPSK	50	56	23.30	23.48	23.39	24.00
20	PI/2 BPSK	100	0	23.46	23.57	23.45	24.00
20	QPSK	1	1	23.46	23.55	23.48	24.00
20	QPSK	1	53	23.42	23.54	23.51	24.00
20	QPSK	1	104	23.39	23.52	23.41	24.00
20	QPSK	50	0	23.28	23.46	23.40	24.00
20	QPSK	50	28	23.42	23.56	23.40	24.00
20	QPSK	50	56	23.40	23.49	23.39	24.00
20	QPSK	100	0	23.37	23.46	23.40	24.00
20	16QAM	1	1	23.39	23.49	23.38	24.00
20	64QAM	1	1	22.45	22.57	22.52	23.00
20	256QAM	1	1	20.39	20.57	20.41	21.00
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	23.45	23.54	23.58	24.00
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	23.44	23.55	23.50	24.00
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	23.46	23.48	23.52	24.00

【FR1 n5_Ant 0_DSI 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	23.55	23.61	23.60	24.00
20	PI/2 BPSK	1	53	23.45	23.56	23.43	24.00
20	PI/2 BPSK	1	104	23.40	23.49	23.41	24.00
20	PI/2 BPSK	50	0	23.31	23.42	23.38	24.00
20	PI/2 BPSK	50	28	23.37	23.56	23.46	24.00
20	PI/2 BPSK	50	56	23.30	23.48	23.39	24.00
20	PI/2 BPSK	100	0	23.46	23.57	23.45	24.00
20	QPSK	1	1	23.46	23.55	23.48	24.00
20	QPSK	1	53	23.42	23.54	23.51	24.00
20	QPSK	1	104	23.39	23.52	23.41	24.00
20	QPSK	50	0	23.28	23.46	23.40	24.00
20	QPSK	50	28	23.42	23.56	23.40	24.00
20	QPSK	50	56	23.40	23.49	23.39	24.00
20	QPSK	100	0	23.37	23.46	23.40	24.00
20	16QAM	1	1	23.39	23.49	23.38	24.00
20	64QAM	1	1	22.45	22.57	22.52	23.00
20	256QAM	1	1	20.39	20.57	20.41	21.00
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	23.45	23.54	23.58	24.00
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	23.44	23.55	23.50	24.00
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	23.46	23.48	23.52	24.00

【FR1 n5_Ant 0_DSI 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	23.55	23.61	23.60	24.00
20	PI/2 BPSK	1	53	23.45	23.56	23.43	24.00
20	PI/2 BPSK	1	104	23.40	23.49	23.41	24.00
20	PI/2 BPSK	50	0	23.31	23.42	23.38	24.00
20	PI/2 BPSK	50	28	23.37	23.56	23.46	24.00
20	PI/2 BPSK	50	56	23.30	23.48	23.39	24.00
20	PI/2 BPSK	100	0	23.46	23.57	23.45	24.00
20	QPSK	1	1	23.46	23.55	23.48	24.00
20	QPSK	1	53	23.42	23.54	23.51	24.00
20	QPSK	1	104	23.39	23.52	23.41	24.00
20	QPSK	50	0	23.28	23.46	23.40	24.00
20	QPSK	50	28	23.42	23.56	23.40	24.00
20	QPSK	50	56	23.40	23.49	23.39	24.00
20	QPSK	100	0	23.37	23.46	23.40	24.00
20	16QAM	1	1	23.39	23.49	23.38	24.00
20	64QAM	1	1	22.45	22.57	22.52	23.00
20	256QAM	1	1	20.39	20.57	20.41	21.00
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	23.45	23.54	23.58	24.00
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	23.44	23.55	23.50	24.00
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	23.46	23.48	23.52	24.00

【FR1 n5_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				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	22.92	22.99	22.94	24.00
20	PI/2 BPSK	1	53	22.81	22.95	22.85	24.00
20	PI/2 BPSK	1	104	22.65	22.79	22.74	24.00
20	PI/2 BPSK	50	0	22.73	22.84	22.75	23.50
20	PI/2 BPSK	50	28	22.95	22.95	22.86	24.00
20	PI/2 BPSK	50	56	22.73	22.86	22.79	23.50
20	PI/2 BPSK	100	0	22.86	22.96	22.90	23.50
20	QPSK	1	1	22.93	22.92	22.90	24.00
20	QPSK	1	53	22.76	22.93	22.86	24.00
20	QPSK	1	104	22.71	22.81	22.78	24.00
20	QPSK	50	0	22.80	22.88	22.72	23.00
20	QPSK	50	28	22.79	22.89	22.73	24.00
20	QPSK	50	56	22.70	22.84	22.70	23.00
20	QPSK	100	0	22.86	22.94	22.82	23.00
20	16QAM	1	1	22.72	22.78	22.66	23.00
20	64QAM	1	1	21.95	22.00	21.87	23.00
20	256QAM	1	1	19.84	19.92	19.83	21.00
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	22.86	22.89	22.87	24.00
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	22.85	22.87	22.86	24.00
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	22.83	22.93	22.81	24.00

【FR1 n5_Ant 1_DSI 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	21.34	21.50	21.30	22.50
20	PI/2 BPSK	1	53	21.17	21.41	21.33	22.50
20	PI/2 BPSK	1	104	21.46	21.30	21.28	22.50
20	PI/2 BPSK	50	0	21.24	21.45	21.14	22.50
20	PI/2 BPSK	50	28	21.22	21.49	21.23	22.50
20	PI/2 BPSK	50	56	21.27	21.37	21.13	22.50
20	PI/2 BPSK	100	0	21.29	21.35	21.15	22.50
20	QPSK	1	1	21.19	21.47	21.21	22.50
20	QPSK	1	53	21.33	21.38	21.20	22.50
20	QPSK	1	104	21.21	21.29	21.16	22.50
20	QPSK	50	0	21.26	21.38	21.06	22.50
20	QPSK	50	28	21.26	21.34	21.11	22.50
20	QPSK	50	56	21.22	21.27	21.26	22.50
20	QPSK	100	0	21.28	21.47	21.25	22.50
20	16QAM	1	1	21.24	21.26	21.31	22.50
20	64QAM	1	1	21.02	21.27	21.04	22.50
20	256QAM	1	1	19.80	20.03	19.85	21.00
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	21.31	21.48	21.18	22.50
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	21.27	21.48	21.27	22.50
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	21.28	21.46	21.22	22.50



【FR1 n5_Ant 1_DSI 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	21.37	21.39	21.25	22.50
20	PI/2 BPSK	1	53	21.21	21.11	21.20	22.50
20	PI/2 BPSK	1	104	21.13	21.35	21.36	22.50
20	PI/2 BPSK	50	0	21.16	21.32	21.21	22.50
20	PI/2 BPSK	50	28	21.17	21.35	21.13	22.50
20	PI/2 BPSK	50	56	21.24	21.33	21.19	22.50
20	PI/2 BPSK	100	0	21.16	21.24	21.12	22.50
20	QPSK	1	1	21.19	21.09	21.30	22.50
20	QPSK	1	53	21.14	21.12	21.02	22.50
20	QPSK	1	104	21.06	21.25	21.10	22.50
20	QPSK	50	0	21.07	21.18	21.12	22.50
20	QPSK	50	28	21.29	21.27	21.19	22.50
20	QPSK	50	56	21.22	21.06	21.30	22.50
20	QPSK	100	0	21.18	21.22	21.07	22.50
20	16QAM	1	1	21.30	21.10	21.22	22.50
20	64QAM	1	1	21.16	21.29	21.22	22.50
20	256QAM	1	1	19.78	19.86	19.89	21.00
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	21.27	21.37	21.18	22.50
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	21.23	21.34	21.21	22.50
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	21.25	21.34	21.15	22.50

【FR1 n5_Ant 1_DSI 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	22.92	22.99	22.94	24.00
20	PI/2 BPSK	1	53	22.81	22.95	22.85	24.00
20	PI/2 BPSK	1	104	22.65	22.79	22.74	24.00
20	PI/2 BPSK	50	0	22.73	22.84	22.75	23.50
20	PI/2 BPSK	50	28	22.95	22.95	22.86	24.00
20	PI/2 BPSK	50	56	22.73	22.86	22.79	23.50
20	PI/2 BPSK	100	0	22.86	22.96	22.90	23.50
20	QPSK	1	1	22.93	22.92	22.90	24.00
20	QPSK	1	53	22.76	22.93	22.86	24.00
20	QPSK	1	104	22.71	22.81	22.78	24.00
20	QPSK	50	0	22.80	22.88	22.72	23.00
20	QPSK	50	28	22.79	22.89	22.73	24.00
20	QPSK	50	56	22.70	22.84	22.70	23.00
20	QPSK	100	0	22.86	22.94	22.82	23.00
20	16QAM	1	1	22.72	22.78	22.66	23.00
20	64QAM	1	1	21.95	22.00	21.87	23.00
20	256QAM	1	1	19.84	19.92	19.83	21.00
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	22.86	22.89	22.87	24.00
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	22.85	22.87	22.86	24.00
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	22.83	22.93	22.81	24.00



【FR1 n5_Ant 1_DSI 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	22.92	22.99	22.94	24.00
20	PI/2 BPSK	1	53	22.81	22.95	22.85	24.00
20	PI/2 BPSK	1	104	22.65	22.79	22.74	24.00
20	PI/2 BPSK	50	0	22.73	22.84	22.75	23.50
20	PI/2 BPSK	50	28	22.95	22.95	22.86	24.00
20	PI/2 BPSK	50	56	22.73	22.86	22.79	23.50
20	PI/2 BPSK	100	0	22.86	22.96	22.90	23.50
20	QPSK	1	1	22.93	22.92	22.90	24.00
20	QPSK	1	53	22.76	22.93	22.86	24.00
20	QPSK	1	104	22.71	22.81	22.78	24.00
20	QPSK	50	0	22.80	22.88	22.72	23.00
20	QPSK	50	28	22.79	22.89	22.73	24.00
20	QPSK	50	56	22.70	22.84	22.70	23.00
20	QPSK	100	0	22.86	22.94	22.82	23.00
20	16QAM	1	1	22.72	22.78	22.66	23.00
20	64QAM	1	1	21.95	22.00	21.87	23.00
20	256QAM	1	1	19.84	19.92	19.83	21.00
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	22.86	22.89	22.87	24.00
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	22.85	22.87	22.86	24.00
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	22.83	22.93	22.81	24.00

【FR1 n5_Ant 1_DSI 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	18.20	18.32	18.29	19.80
20	PI/2 BPSK	1	53	18.24	18.11	18.11	19.80
20	PI/2 BPSK	1	104	18.12	18.30	18.20	19.80
20	PI/2 BPSK	50	0	18.29	18.22	18.18	19.80
20	PI/2 BPSK	50	28	18.10	18.25	18.17	19.80
20	PI/2 BPSK	50	56	18.11	18.17	18.29	19.80
20	PI/2 BPSK	100	0	18.14	18.13	18.12	19.80
20	QPSK	1	1	18.19	18.22	18.25	19.80
20	QPSK	1	53	18.20	18.19	18.21	19.80
20	QPSK	1	104	18.09	18.28	18.14	19.80
20	QPSK	50	0	18.14	18.23	18.18	19.80
20	QPSK	50	28	18.16	18.17	18.08	19.80
20	QPSK	50	56	18.12	18.30	18.11	19.80
20	QPSK	100	0	18.20	18.20	18.25	19.80
20	16QAM	1	1	18.22	18.13	18.27	19.80
20	64QAM	1	1	18.14	18.17	18.12	19.80
20	256QAM	1	1	18.13	18.17	18.11	19.80
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	18.06	18.30	18.20	19.80
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	18.11	18.25	18.17	19.80
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	18.12	18.24	18.22	19.80

【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	23.15	23.25	23.18	24.00
50	PI/2 BPSK	1	135	22.90	23.06	22.88	24.00
50	PI/2 BPSK	1	268	22.85	23.04	22.84	24.00
50	PI/2 BPSK	135	0	22.91	23.15	23.05	23.50
50	PI/2 BPSK	135	68	23.00	23.17	23.01	24.00
50	PI/2 BPSK	135	135	22.69	22.89	22.75	23.50
50	PI/2 BPSK	270	0	22.81	22.92	22.70	23.50
50	QPSK	1	1	22.95	23.19	23.02	24.00
50	QPSK	1	135	22.32	22.49	22.28	24.00
50	QPSK	1	268	22.48	22.73	22.52	24.00
50	QPSK	135	0	21.92	22.16	22.02	23.00
50	QPSK	135	68	22.50	22.68	22.54	24.00
50	QPSK	135	135	21.65	21.83	21.65	23.00
50	QPSK	270	0	21.77	21.99	21.80	23.00
50	16QAM	1	1	22.25	22.48	22.32	23.00
50	64QAM	1	1	20.97	21.08	20.88	21.50
50	256QAM	1	1	19.34	19.46	19.32	19.50
Channel				504000	507000	510000	Tune-up limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	23.03	23.12	23.05	24.00
Channel				503500	507000	510500	Tune-up limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	PI/2 BPSK	1	1	23.13	23.16	23.04	24.00
Channel				503000	507000	511000	Tune-up limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	23.11	23.19	23.16	24.00
Channel				502500	507000	511500	Tune-up limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	23.13	23.22	23.04	24.00
Channel				502000	507000	512000	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	23.03	23.10	23.13	24.00
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	23.09	23.11	23.17	24.00
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	23.06	23.23	23.05	24.00
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	23.04	23.12	23.10	24.00

【FR1 n7_Ant 4_DSI 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	13.24	13.30	13.28	14.20
50	PI/2 BPSK	1	135	13.10	13.22	13.05	14.20
50	PI/2 BPSK	1	268	13.08	13.24	13.07	14.20
50	PI/2 BPSK	135	0	13.02	13.21	13.05	14.20
50	PI/2 BPSK	135	68	13.08	13.26	13.23	14.20
50	PI/2 BPSK	135	135	13.07	13.18	13.07	14.20
50	PI/2 BPSK	270	0	13.02	13.19	13.09	14.20
50	QPSK	1	1	13.05	13.14	13.09	14.20
50	QPSK	1	135	13.02	13.16	13.01	14.20
50	QPSK	1	268	12.97	13.11	12.99	14.20
50	QPSK	135	0	13.08	13.22	13.06	14.20
50	QPSK	135	68	13.12	13.21	13.15	14.20
50	QPSK	135	135	13.17	13.25	13.14	14.20
50	QPSK	270	0	13.10	13.20	13.12	14.20
50	16QAM	1	1	13.02	13.18	13.13	14.20
50	64QAM	1	1	13.01	13.16	13.10	14.20
50	256QAM	1	1	13.08	13.15	13.06	14.20
Channel				504000	507000	510000	Tune-up limit (dBm)
Frequency (MHz)				2520	2535	2550	



40	PI/2 BPSK	1	1	13.15	13.17	13.26	14.20
Channel				503500	507000	510500	Tune-up limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	PI/2 BPSK	1	1	13.15	13.18	13.15	14.20
Channel				503000	507000	511000	Tune-up limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	13.14	13.23	13.25	14.20
Channel				502500	507000	511500	Tune-up limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	13.10	13.24	13.20	14.20
Channel				502000	507000	512000	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	13.09	13.27	13.20	14.20
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	13.09	13.19	13.24	14.20
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	13.18	13.29	13.24	14.20
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	13.13	13.24	13.14	14.20

【FR1 n7_Ant 4_DSI 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	16.25	16.28	16.23	17.10
50	PI/2 BPSK	1	135	16.15	16.22	16.05	17.10
50	PI/2 BPSK	1	268	16.08	16.21	16.14	17.10
50	PI/2 BPSK	135	0	16.03	16.19	16.01	17.10
50	PI/2 BPSK	135	68	16.17	16.25	16.06	17.10
50	PI/2 BPSK	135	135	16.17	16.23	16.11	17.10
50	PI/2 BPSK	270	0	16.08	16.16	16.05	17.10
50	QPSK	1	1	16.08	16.18	16.08	17.10
50	QPSK	1	135	16.01	16.14	16.05	17.10
50	QPSK	1	268	16.04	16.21	16.11	17.10
50	QPSK	135	0	16.11	16.23	16.06	17.10
50	QPSK	135	68	16.14	16.20	16.01	17.10
50	QPSK	135	135	16.10	16.16	16.07	17.10
50	QPSK	270	0	16.15	16.19	16.00	17.10
50	16QAM	1	1	16.00	16.18	16.10	17.10
50	64QAM	1	1	15.94	16.12	16.03	17.10
50	256QAM	1	1	16.00	16.15	16.06	17.10
Channel				504000	507000	510000	Tune-up limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	16.11	16.16	16.12	17.10
Channel				503500	507000	510500	Tune-up limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	PI/2 BPSK	1	1	16.14	16.23	16.17	17.10
Channel				503000	507000	511000	Tune-up limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	16.10	16.27	16.16	17.10
Channel				502500	507000	511500	Tune-up limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	16.17	16.16	16.13	17.10
Channel				502000	507000	512000	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	16.18	16.20	16.10	17.10
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	16.21	16.24	16.19	17.10
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	16.14	16.17	16.22	17.10
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	16.17	16.13	16.15	17.10



【FR1 n7_Ant 4_DSI 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	23.15	23.25	23.18	24.00
50	PI/2 BPSK	1	135	22.90	23.06	22.88	24.00
50	PI/2 BPSK	1	268	22.85	23.04	22.84	24.00
50	PI/2 BPSK	135	0	22.91	23.15	23.05	23.50
50	PI/2 BPSK	135	68	23.00	23.17	23.01	24.00
50	PI/2 BPSK	135	135	22.69	22.89	22.75	23.50
50	PI/2 BPSK	270	0	22.81	22.92	22.70	23.50
50	QPSK	1	1	22.95	23.19	23.02	24.00
50	QPSK	1	135	22.32	22.49	22.28	24.00
50	QPSK	1	268	22.48	22.73	22.52	24.00
50	QPSK	135	0	21.92	22.16	22.02	23.00
50	QPSK	135	68	22.50	22.68	22.54	24.00
50	QPSK	135	135	21.65	21.83	21.65	23.00
50	QPSK	270	0	21.77	21.99	21.80	23.00
50	16QAM	1	1	22.25	22.48	22.32	23.00
50	64QAM	1	1	20.97	21.08	20.88	21.50
50	256QAM	1	1	19.34	19.46	19.32	19.50
Channel				504000	507000	510000	Tune-up limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	23.03	23.12	23.05	24.00
Channel				503500	507000	510500	Tune-up limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	PI/2 BPSK	1	1	23.13	23.16	23.04	24.00
Channel				503000	507000	511000	Tune-up limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	23.11	23.19	23.16	24.00
Channel				502500	507000	511500	Tune-up limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	23.13	23.22	23.04	24.00
Channel				502000	507000	512000	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	23.03	23.10	23.13	24.00
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	23.09	23.11	23.17	24.00
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	23.06	23.23	23.05	24.00
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	23.04	23.12	23.10	24.00

【FR1 n7_Ant 4_DSI 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	18.75	18.78	18.73	19.80
50	PI/2 BPSK	1	135	18.81	18.68	18.76	19.80
50	PI/2 BPSK	1	268	18.72	18.61	18.79	19.80
50	PI/2 BPSK	135	0	18.79	18.61	18.74	19.80
50	PI/2 BPSK	135	68	18.73	18.73	18.59	19.80
50	PI/2 BPSK	135	135	18.75	18.71	18.72	19.80
50	PI/2 BPSK	270	0	18.79	18.60	18.73	19.80
50	QPSK	1	1	18.71	18.69	18.64	19.80
50	QPSK	1	135	18.65	18.80	18.59	19.80
50	QPSK	1	268	18.63	18.73	18.68	19.80
50	QPSK	135	0	18.78	18.79	18.60	19.80
50	QPSK	135	68	18.77	18.59	18.72	19.80
50	QPSK	135	135	18.81	18.66	18.64	19.80
50	QPSK	270	0	18.79	18.71	18.72	19.80
50	16QAM	1	1	18.62	18.75	18.80	19.80
50	64QAM	1	1	18.81	18.60	18.69	19.80
50	256QAM	1	1	18.31	18.35	18.35	19.50
Channel				504000	507000	510000	Tune-up limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	18.69	18.65	18.59	19.80



Channel				503500	507000	510500	Tune-up limit
Frequency (MHz)				2517.5	2535	2552.5	(dBm)
35	PI/2 BPSK	1	1	18.70	18.72	18.58	19.80
Channel				503000	507000	511000	Tune-up limit
Frequency (MHz)				2515	2535	2555	(dBm)
30	PI/2 BPSK	1	1	18.73	18.65	18.61	19.80
Channel				502500	507000	511500	Tune-up limit
Frequency (MHz)				2512.5	2535	2557.5	(dBm)
25	PI/2 BPSK	1	1	18.62	18.70	18.67	19.80
Channel				502000	507000	512000	Tune-up limit
Frequency (MHz)				2510	2535	2560	(dBm)
20	PI/2 BPSK	1	1	18.62	18.69	18.64	19.80
Channel				501500	507000	512500	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	PI/2 BPSK	1	1	18.69	18.69	18.64	19.80
Channel				501000	507000	513000	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	PI/2 BPSK	1	1	18.71	18.70	18.59	19.80
Channel				500500	507000	513500	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	PI/2 BPSK	1	1	18.72	18.68	18.65	19.80

【FR1 n7_Ant 4_DSI 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	13.75	13.79	13.71	14.80
50	PI/2 BPSK	1	135	13.70	13.71	13.68	14.80
50	PI/2 BPSK	1	268	13.72	13.56	13.66	14.80
50	PI/2 BPSK	135	0	13.72	13.56	13.71	14.80
50	PI/2 BPSK	135	68	13.55	13.74	13.66	14.80
50	PI/2 BPSK	135	135	13.66	13.66	13.56	14.80
50	PI/2 BPSK	270	0	13.70	13.62	13.67	14.80
50	QPSK	1	1	13.70	13.72	13.77	14.80
50	QPSK	1	135	13.74	13.75	13.72	14.80
50	QPSK	1	268	13.55	13.56	13.61	14.80
50	QPSK	135	0	13.75	13.59	13.61	14.80
50	QPSK	135	68	13.68	13.67	13.71	14.80
50	QPSK	135	135	13.66	13.59	13.66	14.80
50	QPSK	270	0	13.71	13.76	13.76	14.80
50	16QAM	1	1	13.72	13.67	13.62	14.80
50	64QAM	1	1	13.71	13.73	13.60	14.80
50	256QAM	1	1	13.69	13.73	13.60	14.80
Channel				504000	507000	510000	Tune-up limit
Frequency (MHz)				2520	2535	2550	(dBm)
40	PI/2 BPSK	1	1	13.60	13.64	13.62	14.80
Channel				503500	507000	510500	Tune-up limit
Frequency (MHz)				2517.5	2535	2552.5	(dBm)
35	PI/2 BPSK	1	1	13.66	13.75	13.68	14.80
Channel				503000	507000	511000	Tune-up limit
Frequency (MHz)				2515	2535	2555	(dBm)
30	PI/2 BPSK	1	1	13.66	13.67	13.56	14.80
Channel				502500	507000	511500	Tune-up limit
Frequency (MHz)				2512.5	2535	2557.5	(dBm)
25	PI/2 BPSK	1	1	13.63	13.65	13.68	14.80
Channel				502000	507000	512000	Tune-up limit
Frequency (MHz)				2510	2535	2560	(dBm)
20	PI/2 BPSK	1	1	13.63	13.76	13.57	14.80
Channel				501500	507000	512500	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	PI/2 BPSK	1	1	13.70	13.75	13.63	14.80
Channel				501000	507000	513000	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	PI/2 BPSK	1	1	13.65	13.65	13.66	14.80
Channel				500500	507000	513500	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	PI/2 BPSK	1	1	13.72	13.70	13.70	14.80

【FR1 n7_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				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	23.51	23.59	23.53	24.00
50	PI/2 BPSK	1	135	23.36	23.52	23.37	24.00
50	PI/2 BPSK	1	268	23.37	23.58	23.49	24.00
50	PI/2 BPSK	135	0	23.36	23.48	23.29	24.00
50	PI/2 BPSK	135	68	23.53	23.67	23.48	24.00
50	PI/2 BPSK	135	135	23.26	23.49	23.31	24.00
50	PI/2 BPSK	270	0	23.31	23.45	23.25	24.00
50	QPSK	1	1	23.46	23.61	23.54	24.00
50	QPSK	1	135	23.41	23.56	23.39	24.00
50	QPSK	1	268	23.40	23.58	23.50	24.00
50	QPSK	135	0	23.40	23.57	23.43	24.00
50	QPSK	135	68	23.38	23.59	23.45	24.00
50	QPSK	135	135	23.31	23.52	23.43	24.00
50	QPSK	270	0	23.29	23.47	23.26	24.00
50	16QAM	1	1	23.47	23.58	23.41	24.00
50	64QAM	1	1	22.50	22.69	22.59	23.00
50	256QAM	1	1	20.52	20.69	20.54	21.00
Channel				504000	507000	510000	Tune-up limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	23.36	23.53	23.43	24.00
Channel				503500	507000	510500	Tune-up limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	PI/2 BPSK	1	1	23.46	23.54	23.50	24.00
Channel				503000	507000	511000	Tune-up limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	23.47	23.49	23.45	24.00
Channel				502500	507000	511500	Tune-up limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	23.44	23.48	23.42	24.00
Channel				502000	507000	512000	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	23.39	23.54	23.39	24.00
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	23.36	23.52	23.44	24.00
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	23.44	23.48	23.48	24.00
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	23.44	23.55	23.39	24.00

【FR1 n7_Ant 8_DSI 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	23.51	23.59	23.53	24.00
50	PI/2 BPSK	1	135	23.36	23.52	23.37	24.00
50	PI/2 BPSK	1	268	23.37	23.58	23.49	24.00
50	PI/2 BPSK	135	0	23.36	23.48	23.29	24.00
50	PI/2 BPSK	135	68	23.53	23.67	23.48	24.00
50	PI/2 BPSK	135	135	23.26	23.49	23.31	24.00
50	PI/2 BPSK	270	0	23.31	23.45	23.25	24.00
50	QPSK	1	1	23.46	23.61	23.54	24.00
50	QPSK	1	135	23.41	23.56	23.39	24.00
50	QPSK	1	268	23.40	23.58	23.50	24.00
50	QPSK	135	0	23.40	23.57	23.43	24.00
50	QPSK	135	68	23.38	23.59	23.45	24.00
50	QPSK	135	135	23.31	23.52	23.43	24.00
50	QPSK	270	0	23.29	23.47	23.26	24.00
50	16QAM	1	1	23.47	23.58	23.41	24.00
50	64QAM	1	1	22.50	22.69	22.59	23.00
50	256QAM	1	1	20.52	20.69	20.54	21.00
Channel				504000	507000	510000	Tune-up limit (dBm)
Frequency (MHz)				2520	2535	2550	



40	PI/2 BPSK	1	1	23.36	23.53	23.43	24.00
Channel				503500	507000	510500	Tune-up limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	PI/2 BPSK	1	1	23.46	23.54	23.50	24.00
Channel				503000	507000	511000	Tune-up limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	23.47	23.49	23.45	24.00
Channel				502500	507000	511500	Tune-up limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	23.44	23.48	23.42	24.00
Channel				502000	507000	512000	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	23.39	23.54	23.39	24.00
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	23.36	23.52	23.44	24.00
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	23.44	23.48	23.48	24.00
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	23.44	23.55	23.39	24.00

【FR1 n7_Ant 8_DSI 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	21.08	21.11	21.05	22.30
50	PI/2 BPSK	1	135	20.88	21.01	20.92	22.30
50	PI/2 BPSK	1	268	20.89	21.03	20.95	22.30
50	PI/2 BPSK	135	0	20.95	21.05	20.89	22.30
50	PI/2 BPSK	135	68	20.98	21.08	20.97	22.30
50	PI/2 BPSK	135	135	20.99	21.06	20.99	22.30
50	PI/2 BPSK	270	0	20.86	21.03	20.85	22.30
50	QPSK	1	1	20.92	20.98	20.87	22.30
50	QPSK	1	135	20.80	20.95	20.85	22.30
50	QPSK	1	268	20.74	20.91	20.72	22.30
50	QPSK	135	0	20.85	20.93	20.85	22.30
50	QPSK	135	68	20.84	20.96	20.75	22.30
50	QPSK	135	135	20.89	20.99	20.82	22.30
50	QPSK	270	0	20.83	20.98	20.82	22.30
50	16QAM	1	1	20.89	21.03	20.91	22.30
50	64QAM	1	1	20.90	21.01	20.89	22.30
50	256QAM	1	1	20.87	20.95	20.75	21.00
Channel				504000	507000	510000	Tune-up limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	21.01	20.98	20.93	22.30
Channel				503500	507000	510500	Tune-up limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	PI/2 BPSK	1	1	20.94	21.03	20.91	22.30
Channel				503000	507000	511000	Tune-up limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	20.96	20.97	20.90	22.30
Channel				502500	507000	511500	Tune-up limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	21.03	21.05	20.99	22.30
Channel				502000	507000	512000	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	20.94	20.99	21.02	22.30
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	20.98	21.02	21.01	22.30
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	21.00	21.00	20.94	22.30
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	21.01	21.04	20.98	22.30



【FR1 n7_Ant 8_DSI 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	23.51	23.59	23.53	24.00
50	PI/2 BPSK	1	135	23.36	23.52	23.37	24.00
50	PI/2 BPSK	1	268	23.37	23.58	23.49	24.00
50	PI/2 BPSK	135	0	23.36	23.48	23.29	24.00
50	PI/2 BPSK	135	68	23.53	23.67	23.48	24.00
50	PI/2 BPSK	135	135	23.26	23.49	23.31	24.00
50	PI/2 BPSK	270	0	23.31	23.45	23.25	24.00
50	QPSK	1	1	23.46	23.61	23.54	24.00
50	QPSK	1	135	23.41	23.56	23.39	24.00
50	QPSK	1	268	23.40	23.58	23.50	24.00
50	QPSK	135	0	23.40	23.57	23.43	24.00
50	QPSK	135	68	23.38	23.59	23.45	24.00
50	QPSK	135	135	23.31	23.52	23.43	24.00
50	QPSK	270	0	23.29	23.47	23.26	24.00
50	16QAM	1	1	23.47	23.58	23.41	24.00
50	64QAM	1	1	22.50	22.69	22.59	23.00
50	256QAM	1	1	20.52	20.69	20.54	21.00
Channel				504000	507000	510000	Tune-up limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	23.36	23.53	23.43	24.00
Channel				503500	507000	510500	Tune-up limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	PI/2 BPSK	1	1	23.46	23.54	23.50	24.00
Channel				503000	507000	511000	Tune-up limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	23.47	23.49	23.45	24.00
Channel				502500	507000	511500	Tune-up limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	23.44	23.48	23.42	24.00
Channel				502000	507000	512000	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	23.39	23.54	23.39	24.00
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	23.36	23.52	23.44	24.00
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	23.44	23.48	23.48	24.00
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	23.44	23.55	23.39	24.00

【FR1 n7_Ant 8_DSI 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	21.51	21.56	21.49	22.60
50	PI/2 BPSK	1	135	21.41	21.38	21.31	22.60
50	PI/2 BPSK	1	268	21.36	21.37	21.39	22.60
50	PI/2 BPSK	135	0	21.28	21.45	21.51	22.60
50	PI/2 BPSK	135	68	21.33	21.47	21.32	22.60
50	PI/2 BPSK	135	135	21.32	21.46	21.50	22.60
50	PI/2 BPSK	270	0	21.38	21.32	21.51	22.60
50	QPSK	1	1	21.50	21.31	21.51	22.60
50	QPSK	1	135	21.40	21.46	21.39	22.60
50	QPSK	1	268	21.30	21.39	21.36	22.60
50	QPSK	135	0	21.50	21.33	21.35	22.60
50	QPSK	135	68	21.36	21.39	21.48	22.60
50	QPSK	135	135	21.31	21.48	21.31	22.60
50	QPSK	270	0	21.51	21.32	21.35	22.60
50	16QAM	1	1	21.40	21.38	21.32	22.60
50	64QAM	1	1	21.46	21.46	21.37	22.60
50	256QAM	1	1	19.83	19.86	19.85	21.00
Channel				504000	507000	510000	Tune-up limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	21.44	21.47	21.43	22.60



Channel				503500	507000	510500	Tune-up limit
Frequency (MHz)				2517.5	2535	2552.5	(dBm)
35	PI/2 BPSK	1	1	21.47	21.53	21.37	22.60
Channel				503000	507000	511000	Tune-up limit
Frequency (MHz)				2515	2535	2555	(dBm)
30	PI/2 BPSK	1	1	21.47	21.51	21.39	22.60
Channel				502500	507000	511500	Tune-up limit
Frequency (MHz)				2512.5	2535	2557.5	(dBm)
25	PI/2 BPSK	1	1	21.44	21.42	21.44	22.60
Channel				502000	507000	512000	Tune-up limit
Frequency (MHz)				2510	2535	2560	(dBm)
20	PI/2 BPSK	1	1	21.48	21.46	21.44	22.60
Channel				501500	507000	512500	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	PI/2 BPSK	1	1	21.41	21.50	21.39	22.60
Channel				501000	507000	513000	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	PI/2 BPSK	1	1	21.43	21.46	21.36	22.60
Channel				500500	507000	513500	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	PI/2 BPSK	1	1	21.39	21.46	21.40	22.60

【FR1 n7_Ant 8_DSI 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	18.53	18.55	18.51	19.60
50	PI/2 BPSK	1	135	18.28	18.34	18.19	19.60
50	PI/2 BPSK	1	268	18.24	18.22	18.34	19.60
50	PI/2 BPSK	135	0	18.38	18.35	18.27	19.60
50	PI/2 BPSK	135	68	18.38	18.51	18.27	19.60
50	PI/2 BPSK	135	135	18.28	18.22	18.21	19.60
50	PI/2 BPSK	270	0	18.38	18.20	18.24	19.60
50	QPSK	1	1	18.20	18.29	18.38	19.60
50	QPSK	1	135	18.39	18.37	18.38	19.60
50	QPSK	1	268	18.30	18.18	18.24	19.60
50	QPSK	135	0	18.25	18.24	18.19	19.60
50	QPSK	135	68	18.41	18.19	18.38	19.60
50	QPSK	135	135	18.20	18.27	18.24	19.60
50	QPSK	270	0	18.21	18.38	18.35	19.60
50	16QAM	1	1	18.31	18.22	18.30	19.60
50	64QAM	1	1	18.30	18.38	18.24	19.60
50	256QAM	1	1	18.40	18.38	18.20	19.60
Channel				504000	507000	510000	Tune-up limit
Frequency (MHz)				2520	2535	2550	(dBm)
40	PI/2 BPSK	1	1	18.38	18.44	18.45	19.60
Channel				503500	507000	510500	Tune-up limit
Frequency (MHz)				2517.5	2535	2552.5	(dBm)
35	PI/2 BPSK	1	1	18.41	18.46	18.48	19.60
Channel				503000	507000	511000	Tune-up limit
Frequency (MHz)				2515	2535	2555	(dBm)
30	PI/2 BPSK	1	1	18.38	18.41	18.45	19.60
Channel				502500	507000	511500	Tune-up limit
Frequency (MHz)				2512.5	2535	2557.5	(dBm)
25	PI/2 BPSK	1	1	18.49	18.42	18.49	19.60
Channel				502000	507000	512000	Tune-up limit
Frequency (MHz)				2510	2535	2560	(dBm)
20	PI/2 BPSK	1	1	18.50	18.51	18.37	19.60
Channel				501500	507000	512500	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	PI/2 BPSK	1	1	18.52	18.43	18.41	19.60
Channel				501000	507000	513000	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	PI/2 BPSK	1	1	18.49	18.52	18.46	19.60
Channel				500500	507000	513500	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	PI/2 BPSK	1	1	18.47	18.49	18.44	19.60



【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	23.62	23.64	23.52	24.00
20	PI/2 BPSK	1	53	23.36	23.52	23.36	24.00
20	PI/2 BPSK	1	104	23.38	23.53	23.35	24.00
20	PI/2 BPSK	50	0	23.42	23.47	23.23	24.00
20	PI/2 BPSK	50	28	23.49	23.54	23.31	24.00
20	PI/2 BPSK	50	56	23.36	23.48	23.25	24.00
20	PI/2 BPSK	100	0	23.45	23.55	23.29	24.00
20	QPSK	1	1	23.53	23.51	23.34	24.00
20	QPSK	1	53	23.41	23.52	23.38	24.00
20	QPSK	1	104	23.40	23.55	23.29	24.00
20	QPSK	50	0	23.43	23.49	23.25	24.00
20	QPSK	50	28	23.49	23.52	23.33	24.00
20	QPSK	50	56	23.42	23.49	23.23	24.00
20	QPSK	100	0	23.52	23.56	23.39	24.00
20	16QAM	1	1	23.48	23.58	23.32	24.00
20	64QAM	1	1	22.71	22.74	22.52	23.00
20	256QAM	1	1	20.66	20.73	20.59	21.00
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	23.61	23.51	23.38	24.00
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	23.50	23.59	23.50	24.00
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	23.53	23.55	23.38	24.00

【FR1 n26__FCC_Ant 0_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	23.62	23.64	23.52	24.00
20	PI/2 BPSK	1	53	23.36	23.52	23.36	24.00
20	PI/2 BPSK	1	104	23.38	23.53	23.35	24.00
20	PI/2 BPSK	50	0	23.42	23.47	23.23	24.00
20	PI/2 BPSK	50	28	23.49	23.54	23.31	24.00
20	PI/2 BPSK	50	56	23.36	23.48	23.25	24.00
20	PI/2 BPSK	100	0	23.45	23.55	23.29	24.00
20	QPSK	1	1	23.53	23.51	23.34	24.00
20	QPSK	1	53	23.41	23.52	23.38	24.00
20	QPSK	1	104	23.40	23.55	23.29	24.00
20	QPSK	50	0	23.43	23.49	23.25	24.00
20	QPSK	50	28	23.49	23.52	23.33	24.00
20	QPSK	50	56	23.42	23.49	23.23	24.00
20	QPSK	100	0	23.52	23.56	23.39	24.00
20	16QAM	1	1	23.48	23.58	23.32	24.00
20	64QAM	1	1	22.71	22.74	22.52	23.00
20	256QAM	1	1	20.66	20.73	20.59	21.00
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	23.61	23.51	23.38	24.00
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	23.50	23.59	23.50	24.00
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	23.53	23.55	23.38	24.00



【FR1 n26__FCC_Ant 0_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	23.62	23.64	23.52	24.00
20	PI/2 BPSK	1	53	23.36	23.52	23.36	24.00
20	PI/2 BPSK	1	104	23.38	23.53	23.35	24.00
20	PI/2 BPSK	50	0	23.42	23.47	23.23	24.00
20	PI/2 BPSK	50	28	23.49	23.54	23.31	24.00
20	PI/2 BPSK	50	56	23.36	23.48	23.25	24.00
20	PI/2 BPSK	100	0	23.45	23.55	23.29	24.00
20	QPSK	1	1	23.53	23.51	23.34	24.00
20	QPSK	1	53	23.41	23.52	23.38	24.00
20	QPSK	1	104	23.40	23.55	23.29	24.00
20	QPSK	50	0	23.43	23.49	23.25	24.00
20	QPSK	50	28	23.49	23.52	23.33	24.00
20	QPSK	50	56	23.42	23.49	23.23	24.00
20	QPSK	100	0	23.52	23.56	23.39	24.00
20	16QAM	1	1	23.48	23.58	23.32	24.00
20	64QAM	1	1	22.71	22.74	22.52	23.00
20	256QAM	1	1	20.66	20.73	20.59	21.00
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	23.61	23.51	23.38	24.00
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	23.50	23.59	23.50	24.00
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	23.53	23.55	23.38	24.00

【FR1 n26__FCC_Ant 0_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	23.62	23.64	23.52	24.00
20	PI/2 BPSK	1	53	23.36	23.52	23.36	24.00
20	PI/2 BPSK	1	104	23.38	23.53	23.35	24.00
20	PI/2 BPSK	50	0	23.42	23.47	23.23	24.00
20	PI/2 BPSK	50	28	23.49	23.54	23.31	24.00
20	PI/2 BPSK	50	56	23.36	23.48	23.25	24.00
20	PI/2 BPSK	100	0	23.45	23.55	23.29	24.00
20	QPSK	1	1	23.53	23.51	23.34	24.00
20	QPSK	1	53	23.41	23.52	23.38	24.00
20	QPSK	1	104	23.40	23.55	23.29	24.00
20	QPSK	50	0	23.43	23.49	23.25	24.00
20	QPSK	50	28	23.49	23.52	23.33	24.00
20	QPSK	50	56	23.42	23.49	23.23	24.00
20	QPSK	100	0	23.52	23.56	23.39	24.00
20	16QAM	1	1	23.48	23.58	23.32	24.00
20	64QAM	1	1	22.71	22.74	22.52	23.00
20	256QAM	1	1	20.66	20.73	20.59	21.00
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	23.61	23.51	23.38	24.00
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	23.50	23.59	23.50	24.00
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	23.53	23.55	23.38	24.00



【FR1 n26__FCC_Ant 0_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	23.62	23.64	23.52	24.00
20	PI/2 BPSK	1	53	23.36	23.52	23.36	24.00
20	PI/2 BPSK	1	104	23.38	23.53	23.35	24.00
20	PI/2 BPSK	50	0	23.42	23.47	23.23	24.00
20	PI/2 BPSK	50	28	23.49	23.54	23.31	24.00
20	PI/2 BPSK	50	56	23.36	23.48	23.25	24.00
20	PI/2 BPSK	100	0	23.45	23.55	23.29	24.00
20	QPSK	1	1	23.53	23.51	23.34	24.00
20	QPSK	1	53	23.41	23.52	23.38	24.00
20	QPSK	1	104	23.40	23.55	23.29	24.00
20	QPSK	50	0	23.43	23.49	23.25	24.00
20	QPSK	50	28	23.49	23.52	23.33	24.00
20	QPSK	50	56	23.42	23.49	23.23	24.00
20	QPSK	100	0	23.52	23.56	23.39	24.00
20	16QAM	1	1	23.48	23.58	23.32	24.00
20	64QAM	1	1	22.71	22.74	22.52	23.00
20	256QAM	1	1	20.66	20.73	20.59	21.00
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	23.61	23.51	23.38	24.00
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	23.50	23.59	23.50	24.00
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	23.53	23.55	23.38	24.00

【FR1 n26__FCC_Ant 0_DSI 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	23.62	23.64	23.52	24.00
20	PI/2 BPSK	1	53	23.36	23.52	23.36	24.00
20	PI/2 BPSK	1	104	23.38	23.53	23.35	24.00
20	PI/2 BPSK	50	0	23.42	23.47	23.23	24.00
20	PI/2 BPSK	50	28	23.49	23.54	23.31	24.00
20	PI/2 BPSK	50	56	23.36	23.48	23.25	24.00
20	PI/2 BPSK	100	0	23.45	23.55	23.29	24.00
20	QPSK	1	1	23.53	23.51	23.34	24.00
20	QPSK	1	53	23.41	23.52	23.38	24.00
20	QPSK	1	104	23.40	23.55	23.29	24.00
20	QPSK	50	0	23.43	23.49	23.25	24.00
20	QPSK	50	28	23.49	23.52	23.33	24.00
20	QPSK	50	56	23.42	23.49	23.23	24.00
20	QPSK	100	0	23.52	23.56	23.39	24.00
20	16QAM	1	1	23.48	23.58	23.32	24.00
20	64QAM	1	1	22.71	22.74	22.52	23.00
20	256QAM	1	1	20.66	20.73	20.59	21.00
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	23.61	23.51	23.38	24.00
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	23.50	23.59	23.50	24.00
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	23.53	23.55	23.38	24.00

**【FR1 n26__FCC_Ant 1_Full Power】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	22.99	23.01	22.95	24.00
20	PI/2 BPSK	1	53	22.88	22.95	22.86	24.00
20	PI/2 BPSK	1	104	22.89	22.96	22.84	24.00
20	PI/2 BPSK	50	0	22.82	22.92	22.81	24.00
20	PI/2 BPSK	50	28	22.81	22.97	22.89	24.00
20	PI/2 BPSK	50	56	22.71	22.81	22.71	24.00
20	PI/2 BPSK	100	0	22.81	22.92	22.79	24.00
20	QPSK	1	1	22.83	22.97	22.81	24.00
20	QPSK	1	53	22.82	22.99	22.80	24.00
20	QPSK	1	104	22.94	22.98	22.81	24.00
20	QPSK	50	0	22.73	22.87	22.69	24.00
20	QPSK	50	28	22.89	22.95	22.76	24.00
20	QPSK	50	56	22.75	22.88	22.71	24.00
20	QPSK	100	0	22.81	22.91	22.72	24.00
20	16QAM	1	1	22.72	22.89	22.70	24.00
20	64QAM	1	1	21.98	22.06	21.98	23.00
20	256QAM	1	1	19.91	20.04	19.93	21.00
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	22.91	22.96	22.84	24.00
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	22.89	22.93	22.89	24.00
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	22.90	22.87	22.93	24.00

【FR1 n26__FCC_Ant 1_DSI 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	22.99	23.01	22.95	24.00
20	PI/2 BPSK	1	53	22.88	22.95	22.86	24.00
20	PI/2 BPSK	1	104	22.89	22.96	22.84	24.00
20	PI/2 BPSK	50	0	22.82	22.92	22.81	24.00
20	PI/2 BPSK	50	28	22.81	22.97	22.89	24.00
20	PI/2 BPSK	50	56	22.71	22.81	22.71	24.00
20	PI/2 BPSK	100	0	22.81	22.92	22.79	24.00
20	QPSK	1	1	22.83	22.97	22.81	24.00
20	QPSK	1	53	22.82	22.99	22.80	24.00
20	QPSK	1	104	22.94	22.98	22.81	24.00
20	QPSK	50	0	22.73	22.87	22.69	24.00
20	QPSK	50	28	22.89	22.95	22.76	24.00
20	QPSK	50	56	22.75	22.88	22.71	24.00
20	QPSK	100	0	22.81	22.91	22.72	24.00
20	16QAM	1	1	22.72	22.89	22.70	24.00
20	64QAM	1	1	21.98	22.06	21.98	23.00
20	256QAM	1	1	19.91	20.04	19.93	21.00
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	22.91	22.96	22.84	24.00
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	22.89	22.93	22.89	24.00
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	22.90	22.87	22.93	24.00



【FR1 n26__FCC_Ant 1_DSI 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	21.51	21.55	21.48	22.50
20	PI/2 BPSK	1	53	21.36	21.51	21.31	22.50
20	PI/2 BPSK	1	104	21.47	21.52	21.31	22.50
20	PI/2 BPSK	50	0	21.32	21.49	21.35	22.50
20	PI/2 BPSK	50	28	21.35	21.52	21.40	22.50
20	PI/2 BPSK	50	56	21.41	21.46	21.26	22.50
20	PI/2 BPSK	100	0	21.37	21.44	21.30	22.50
20	QPSK	1	1	21.38	21.48	21.35	22.50
20	QPSK	1	53	21.36	21.45	21.34	22.50
20	QPSK	1	104	21.25	21.41	21.26	22.50
20	QPSK	50	0	21.33	21.43	21.23	22.50
20	QPSK	50	28	21.25	21.42	21.32	22.50
20	QPSK	50	56	21.39	21.46	21.31	22.50
20	QPSK	100	0	21.39	21.47	21.30	22.50
20	16QAM	1	1	21.37	21.44	21.34	22.50
20	64QAM	1	1	21.23	21.41	21.24	22.50
20	256QAM	1	1	19.94	20.03	19.85	21.00
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	21.38	21.45	21.39	22.50
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	21.48	21.42	21.34	22.50
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	21.45	21.52	21.36	22.50

【FR1 n26__FCC_Ant 1_DSI 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	21.49	21.55	21.53	22.50
20	PI/2 BPSK	1	53	21.40	21.51	21.46	22.50
20	PI/2 BPSK	1	104	21.33	21.53	21.46	22.50
20	PI/2 BPSK	50	0	21.30	21.48	21.40	22.50
20	PI/2 BPSK	50	28	21.36	21.51	21.39	22.50
20	PI/2 BPSK	50	56	21.40	21.49	21.35	22.50
20	PI/2 BPSK	100	0	21.32	21.42	21.36	22.50
20	QPSK	1	1	21.27	21.43	21.33	22.50
20	QPSK	1	53	21.31	21.44	21.36	22.50
20	QPSK	1	104	21.26	21.42	21.27	22.50
20	QPSK	50	0	21.32	21.45	21.32	22.50
20	QPSK	50	28	21.36	21.49	21.38	22.50
20	QPSK	50	56	21.25	21.43	21.32	22.50
20	QPSK	100	0	21.24	21.41	21.31	22.50
20	16QAM	1	1	21.29	21.39	21.23	22.50
20	64QAM	1	1	21.31	21.45	21.28	22.50
20	256QAM	1	1	19.95	20.02	19.88	21.00
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	21.42	21.41	21.48	22.50
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	21.41	21.51	21.49	22.50
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	21.37	21.45	21.46	22.50

**【FR1 n26__FCC_Ant 1_DSI 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	22.99	23.01	22.95	24.00
20	PI/2 BPSK	1	53	22.88	22.95	22.86	24.00
20	PI/2 BPSK	1	104	22.89	22.96	22.84	24.00
20	PI/2 BPSK	50	0	22.82	22.92	22.81	24.00
20	PI/2 BPSK	50	28	22.81	22.97	22.89	24.00
20	PI/2 BPSK	50	56	22.71	22.81	22.71	24.00
20	PI/2 BPSK	100	0	22.81	22.92	22.79	24.00
20	QPSK	1	1	22.83	22.97	22.81	24.00
20	QPSK	1	53	22.82	22.99	22.80	24.00
20	QPSK	1	104	22.94	22.98	22.81	24.00
20	QPSK	50	0	22.73	22.87	22.69	24.00
20	QPSK	50	28	22.89	22.95	22.76	24.00
20	QPSK	50	56	22.75	22.88	22.71	24.00
20	QPSK	100	0	22.81	22.91	22.72	24.00
20	16QAM	1	1	22.72	22.89	22.70	24.00
20	64QAM	1	1	21.98	22.06	21.98	23.00
20	256QAM	1	1	19.91	20.04	19.93	21.00
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	22.91	22.96	22.84	24.00
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	22.89	22.93	22.89	24.00
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	22.90	22.87	22.93	24.00

【FR1 n26__FCC_Ant 1_DSI 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	18.51	18.55	18.49	19.80
20	PI/2 BPSK	1	53	18.37	18.32	18.29	19.80
20	PI/2 BPSK	1	104	18.28	18.49	18.42	19.80
20	PI/2 BPSK	50	0	18.36	18.29	18.32	19.80
20	PI/2 BPSK	50	28	18.42	18.38	18.38	19.80
20	PI/2 BPSK	50	56	18.52	18.38	18.44	19.80
20	PI/2 BPSK	100	0	18.47	18.30	18.44	19.80
20	QPSK	1	1	18.29	18.43	18.37	19.80
20	QPSK	1	53	18.34	18.51	18.46	19.80
20	QPSK	1	104	18.41	18.45	18.33	19.80
20	QPSK	50	0	18.47	18.34	18.38	19.80
20	QPSK	50	28	18.49	18.35	18.47	19.80
20	QPSK	50	56	18.30	18.34	18.40	19.80
20	QPSK	100	0	18.45	18.37	18.51	19.80
20	16QAM	1	1	18.31	18.42	18.47	19.80
20	64QAM	1	1	18.49	18.51	18.40	19.80
20	256QAM	1	1	18.42	18.32	18.44	19.80
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	18.47	18.41	18.45	19.80
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	18.50	18.45	18.37	19.80
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	18.49	18.52	18.43	19.80

【FR1 n38_Ant 1_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	23.25	23.28	23.26	24.00
40	PI/2 BPSK	1	53	23.01	23.06	22.91	24.00
40	PI/2 BPSK	1	104	22.82	22.95	22.90	24.00
40	PI/2 BPSK	50	0	22.58	22.69	22.63	23.50
40	PI/2 BPSK	50	28	23.19	23.24	23.15	24.00
40	PI/2 BPSK	50	56	22.31	22.46	22.31	23.50
40	PI/2 BPSK	100	0	22.57	22.72	22.62	23.50
40	QPSK	1	1	22.78	22.92	22.88	24.00
40	QPSK	1	53	22.73	22.81	22.78	24.00
40	QPSK	1	104	22.59	22.64	22.59	24.00
40	QPSK	50	0	21.79	21.92	21.88	23.00
40	QPSK	50	28	22.68	22.77	22.62	24.00
40	QPSK	50	56	21.68	21.77	21.68	23.00
40	QPSK	100	0	21.72	21.86	21.81	23.00
40	16QAM	1	1	21.78	21.94	21.88	23.00
40	64QAM	1	1	20.41	20.52	20.42	21.50
40	256QAM	1	1	18.70	18.74	18.63	19.50
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	23.19	23.16	23.14	24.00
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	23.15	23.18	23.15	24.00
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	23.23	23.13	23.14	24.00
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	23.23	23.17	23.14	24.00
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	23.20	23.23	23.19	24.00

【FR1 n38_Ant 1_DSI 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	16.46	16.66	16.59	17.80
40	PI/2 BPSK	1	53	16.36	16.40	16.17	17.80
40	PI/2 BPSK	1	104	16.30	16.42	16.47	17.80
40	PI/2 BPSK	50	0	16.30	16.40	16.23	17.80
40	PI/2 BPSK	50	28	16.35	16.65	16.39	17.80
40	PI/2 BPSK	50	56	16.51	16.59	16.37	17.80
40	PI/2 BPSK	100	0	16.50	16.35	16.33	17.80
40	QPSK	1	1	16.46	16.36	16.49	17.80
40	QPSK	1	53	16.19	16.48	16.44	17.80
40	QPSK	1	104	16.21	16.36	16.36	17.80
40	QPSK	50	0	16.43	16.34	16.47	17.80
40	QPSK	50	28	16.39	16.40	16.45	17.80
40	QPSK	50	56	16.45	16.30	16.46	17.80
40	QPSK	100	0	16.50	16.42	16.37	17.80
40	16QAM	1	1	16.46	16.41	16.54	17.80
40	64QAM	1	1	16.24	16.41	16.41	17.80
40	256QAM	1	1	16.36	16.42	16.45	17.80
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	16.43	16.45	16.58	17.80
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	16.32	16.35	16.57	17.80
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	16.34	16.43	16.57	17.80
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	



15	PI/2 BPSK	1	1	16.45	16.40	16.57	17.80
Channel				515000	519000	523000	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	PI/2 BPSK	1	1	16.34	16.34	16.47	17.80

【FR1 n38_Ant 1_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	18.18	18.31	18.11	19.30
40	PI/2 BPSK	1	53	18.20	18.27	18.20	19.30
40	PI/2 BPSK	1	104	18.08	18.22	18.24	19.30
40	PI/2 BPSK	50	0	18.26	18.23	18.09	19.30
40	PI/2 BPSK	50	28	18.07	18.25	18.08	19.30
40	PI/2 BPSK	50	56	18.11	18.09	18.06	19.30
40	PI/2 BPSK	100	0	18.05	18.26	18.14	19.30
40	QPSK	1	1	18.09	18.10	18.17	19.30
40	QPSK	1	53	18.18	18.14	18.26	19.30
40	QPSK	1	104	18.11	18.19	18.04	19.30
40	QPSK	50	0	18.23	18.06	18.13	19.30
40	QPSK	50	28	18.20	18.27	18.20	19.30
40	QPSK	50	56	18.26	18.11	18.12	19.30
40	QPSK	100	0	18.12	18.14	18.27	19.30
40	16QAM	1	1	18.25	18.10	18.27	19.30
40	64QAM	1	1	18.05	18.27	18.20	19.30
40	256QAM	1	1	18.22	18.06	18.06	19.30
Channel				517000	519000	521000	Tune-up limit
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	18.08	18.30	18.04	19.30
Channel				516500	519000	521500	Tune-up limit
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	18.13	18.26	18.08	19.30
Channel				516000	519000	522000	Tune-up limit
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	18.07	18.21	17.97	19.30
Channel				515500	519000	522500	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	18.06	18.17	18.05	19.30
Channel				515000	519000	523000	Tune-up limit
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	18.15	18.21	18.07	19.30

【FR1 n38_Ant 1_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	23.25	23.28	23.26	24.00
40	PI/2 BPSK	1	53	23.01	23.06	22.91	24.00
40	PI/2 BPSK	1	104	22.82	22.95	22.90	24.00
40	PI/2 BPSK	50	0	22.58	22.69	22.63	23.50
40	PI/2 BPSK	50	28	23.19	23.24	23.15	24.00
40	PI/2 BPSK	50	56	22.31	22.46	22.31	23.50
40	PI/2 BPSK	100	0	22.57	22.72	22.62	23.50
40	QPSK	1	1	22.78	22.92	22.88	24.00
40	QPSK	1	53	22.73	22.81	22.78	24.00
40	QPSK	1	104	22.59	22.64	22.59	24.00
40	QPSK	50	0	21.79	21.92	21.88	23.00
40	QPSK	50	28	22.68	22.77	22.62	24.00
40	QPSK	50	56	21.68	21.77	21.68	23.00
40	QPSK	100	0	21.72	21.86	21.81	23.00
40	16QAM	1	1	21.78	21.94	21.88	23.00
40	64QAM	1	1	20.41	20.52	20.42	21.50
40	256QAM	1	1	18.70	18.74	18.63	19.50
Channel				517000	519000	521000	Tune-up limit
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	23.19	23.16	23.14	24.00
Channel				516500	519000	521500	Tune-up limit



Frequency (MHz)				2582.5	2595	2607.5	(dBm)
25	PI/2 BPSK	1	1	23.15	23.18	23.15	24.00
Channel				516000	519000	522000	Tune-up limit
Frequency (MHz)				2580	2595	2610	(dBm)
20	PI/2 BPSK	1	1	23.23	23.13	23.14	24.00
Channel				515500	519000	522500	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	PI/2 BPSK	1	1	23.23	23.17	23.14	24.00
Channel				515000	519000	523000	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	PI/2 BPSK	1	1	23.20	23.23	23.19	24.00

【FR1 n38_Ant 1_DSI 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	20.04	20.21	20.08	21.40
40	PI/2 BPSK	1	53	20.19	20.06	20.14	21.40
40	PI/2 BPSK	1	104	20.11	20.14	20.12	21.40
40	PI/2 BPSK	50	0	20.13	20.07	20.08	21.40
40	PI/2 BPSK	50	28	20.19	20.19	20.11	21.40
40	PI/2 BPSK	50	56	20.07	20.19	20.18	21.40
40	PI/2 BPSK	100	0	20.15	20.10	20.02	21.40
40	QPSK	1	1	20.00	20.04	20.21	21.40
40	QPSK	1	53	19.98	20.11	20.19	21.40
40	QPSK	1	104	20.06	19.98	20.06	21.40
40	QPSK	50	0	20.16	20.01	20.15	21.40
40	QPSK	50	28	20.06	20.07	19.99	21.40
40	QPSK	50	56	19.98	20.14	20.17	21.40
40	QPSK	100	0	20.07	20.12	20.18	21.40
40	16QAM	1	1	20.10	20.21	20.14	21.40
40	64QAM	1	1	20.13	20.15	20.04	21.40
40	256QAM	1	1	20.21	20.09	20.21	21.40
Channel				517000	519000	521000	Tune-up limit
Frequency (MHz)				2585	2595	2605	(dBm)
30	PI/2 BPSK	1	1	20.00	20.13	20.04	21.40
Channel				516500	519000	521500	Tune-up limit
Frequency (MHz)				2582.5	2595	2607.5	(dBm)
25	PI/2 BPSK	1	1	19.89	20.16	20.05	21.40
Channel				516000	519000	522000	Tune-up limit
Frequency (MHz)				2580	2595	2610	(dBm)
20	PI/2 BPSK	1	1	20.01	20.13	19.97	21.40
Channel				515500	519000	522500	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	PI/2 BPSK	1	1	19.98	20.12	19.98	21.40
Channel				515000	519000	523000	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	PI/2 BPSK	1	1	20.00	20.18	20.07	21.40

【FR1 n38_Ant 1_DSI 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	14.92	14.95	14.90	16.20
40	PI/2 BPSK	1	53	14.77	14.82	14.71	16.20
40	PI/2 BPSK	1	104	14.87	14.72	14.72	16.20
40	PI/2 BPSK	50	0	14.69	14.84	14.75	16.20
40	PI/2 BPSK	50	28	14.73	14.91	14.84	16.20
40	PI/2 BPSK	50	56	14.69	14.69	14.76	16.20
40	PI/2 BPSK	100	0	14.90	14.76	14.68	16.20
40	QPSK	1	1	14.80	14.91	14.91	16.20
40	QPSK	1	53	14.77	14.81	14.78	16.20
40	QPSK	1	104	14.80	14.72	14.76	16.20
40	QPSK	50	0	14.79	14.71	14.81	16.20
40	QPSK	50	28	14.90	14.69	14.75	16.20
40	QPSK	50	56	14.82	14.71	14.74	16.20
40	QPSK	100	0	14.79	14.69	14.69	16.20



40	16QAM	1	1	14.76	14.92	14.73	16.20
40	64QAM	1	1	14.79	14.77	14.82	16.20
40	256QAM	1	1	14.72	14.71	14.88	16.20
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	14.89	14.91	14.79	16.20
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	14.90	14.84	14.82	16.20
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	14.78	14.80	14.80	16.20
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	14.85	14.87	14.86	16.20
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	14.86	14.90	14.87	16.20

【FR1 n38_Ant 3_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	20.93	20.96	20.91	22.00
40	PI/2 BPSK	1	53	20.76	20.92	20.84	22.00
40	PI/2 BPSK	1	104	20.86	20.94	20.83	22.00
40	PI/2 BPSK	50	0	20.79	20.89	20.71	22.00
40	PI/2 BPSK	50	28	20.77	20.90	20.77	22.00
40	PI/2 BPSK	50	56	20.67	20.82	20.63	22.00
40	PI/2 BPSK	100	0	20.74	20.86	20.67	22.00
40	QPSK	1	1	19.89	19.98	19.90	21.00
40	QPSK	1	53	19.76	19.89	19.81	21.00
40	QPSK	1	104	19.61	19.76	19.59	21.00
40	QPSK	50	0	18.86	18.96	18.84	20.00
40	QPSK	50	28	19.69	19.79	19.70	21.00
40	QPSK	50	56	18.67	18.84	18.65	20.00
40	QPSK	100	0	18.74	18.92	18.77	20.00
40	16QAM	1	1	19.35	19.45	19.26	20.50
40	64QAM	1	1	18.43	18.48	18.32	19.50
40	256QAM	1	1	16.37	16.52	16.40	17.50
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	20.91	20.86	20.83	22.00
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	20.88	20.91	20.83	22.00
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	20.85	20.90	20.78	22.00
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	20.88	20.93	20.80	22.00
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	20.82	20.92	20.87	22.00

【FR1 n38_Ant 3_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	15.34	15.42	15.30	16.60
40	PI/2 BPSK	1	53	15.16	15.39	15.23	16.60
40	PI/2 BPSK	1	104	15.21	15.37	15.16	16.60
40	PI/2 BPSK	50	0	15.18	15.38	15.21	16.60
40	PI/2 BPSK	50	28	15.22	15.40	15.34	16.60
40	PI/2 BPSK	50	56	15.21	15.36	15.29	16.60
40	PI/2 BPSK	100	0	15.30	15.29	15.18	16.60



40	QPSK	1	1	15.23	15.27	15.29	16.60
40	QPSK	1	53	15.31	15.32	15.39	16.60
40	QPSK	1	104	15.20	15.29	15.23	16.60
40	QPSK	50	0	15.22	15.27	15.27	16.60
40	QPSK	50	28	15.35	15.37	15.20	16.60
40	QPSK	50	56	15.29	15.23	15.34	16.60
40	QPSK	100	0	15.16	15.25	15.39	16.60
40	16QAM	1	1	15.20	15.38	15.17	16.60
40	64QAM	1	1	15.34	15.40	15.33	16.60
40	256QAM	1	1	15.21	15.40	15.35	16.60
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	15.25	15.38	15.27	16.60
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	15.29	15.28	15.16	16.60
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	15.24	15.34	15.20	16.60
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	15.33	15.29	15.18	16.60
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	15.31	15.37	15.17	16.60

【FR1 n38_Ant 3_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	19.92	19.98	19.85	20.90
40	PI/2 BPSK	1	53	19.77	19.95	19.83	20.90
40	PI/2 BPSK	1	104	19.93	19.94	19.94	20.90
40	PI/2 BPSK	50	0	19.94	19.87	19.93	20.90
40	PI/2 BPSK	50	28	19.82	19.95	19.97	20.90
40	PI/2 BPSK	50	56	19.74	19.94	19.81	20.90
40	PI/2 BPSK	100	0	19.75	19.86	19.90	20.90
40	QPSK	1	1	19.93	19.88	19.79	20.90
40	QPSK	1	53	19.90	19.77	19.89	20.90
40	QPSK	1	104	19.78	19.97	19.93	20.90
40	QPSK	50	0	19.81	19.90	19.79	20.90
40	QPSK	50	28	19.97	19.95	19.83	20.90
40	QPSK	50	56	19.76	19.92	19.94	20.90
40	QPSK	100	0	19.83	19.93	19.92	20.90
40	16QAM	1	1	19.88	19.87	19.83	20.90
40	64QAM	1	1	19.98	19.90	19.97	20.90
40	256QAM	1	1	18.31	18.35	18.32	19.50
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	19.84	19.87	19.78	20.90
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	19.87	19.85	19.72	20.90
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	19.89	19.85	19.81	20.90
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	19.90	19.86	19.81	20.90
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	19.82	19.87	19.76	20.90



【FR1 n38_Ant 3_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	20.93	20.96	20.91	22.00
40	PI/2 BPSK	1	53	20.76	20.92	20.84	22.00
40	PI/2 BPSK	1	104	20.86	20.94	20.83	22.00
40	PI/2 BPSK	50	0	20.79	20.89	20.71	22.00
40	PI/2 BPSK	50	28	20.77	20.90	20.77	22.00
40	PI/2 BPSK	50	56	20.67	20.82	20.63	22.00
40	PI/2 BPSK	100	0	20.74	20.86	20.67	22.00
40	QPSK	1	1	19.89	19.98	19.90	21.00
40	QPSK	1	53	19.76	19.89	19.81	21.00
40	QPSK	1	104	19.61	19.76	19.59	21.00
40	QPSK	50	0	18.86	18.96	18.84	20.00
40	QPSK	50	28	19.69	19.79	19.70	21.00
40	QPSK	50	56	18.67	18.84	18.65	20.00
40	QPSK	100	0	18.74	18.92	18.77	20.00
40	16QAM	1	1	19.35	19.45	19.26	20.50
40	64QAM	1	1	18.43	18.48	18.32	19.50
40	256QAM	1	1	16.37	16.52	16.40	17.50
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	20.91	20.86	20.83	22.00
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	20.88	20.91	20.83	22.00
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	20.85	20.90	20.78	22.00
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	20.88	20.93	20.80	22.00
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	20.82	20.92	20.87	22.00

【FR1 n38_Ant 3_DSI 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	20.93	20.96	20.91	22.00
40	PI/2 BPSK	1	53	20.76	20.92	20.84	22.00
40	PI/2 BPSK	1	104	20.86	20.94	20.83	22.00
40	PI/2 BPSK	50	0	20.79	20.89	20.71	22.00
40	PI/2 BPSK	50	28	20.77	20.90	20.77	22.00
40	PI/2 BPSK	50	56	20.67	20.82	20.63	22.00
40	PI/2 BPSK	100	0	20.74	20.86	20.67	22.00
40	QPSK	1	1	19.89	19.98	19.90	21.00
40	QPSK	1	53	19.76	19.89	19.81	21.00
40	QPSK	1	104	19.61	19.76	19.59	21.00
40	QPSK	50	0	18.86	18.96	18.84	20.00
40	QPSK	50	28	19.69	19.79	19.70	21.00
40	QPSK	50	56	18.67	18.84	18.65	20.00
40	QPSK	100	0	18.74	18.92	18.77	20.00
40	16QAM	1	1	19.35	19.45	19.26	20.50
40	64QAM	1	1	18.43	18.48	18.32	19.50
40	256QAM	1	1	16.37	16.52	16.40	17.50
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	20.91	20.86	20.83	22.00
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	20.88	20.91	20.83	22.00
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	20.85	20.90	20.78	22.00
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	



15	PI/2 BPSK	1	1	20.88	20.93	20.80	22.00
Channel				515000	519000	523000	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	PI/2 BPSK	1	1	20.82	20.92	20.87	22.00

【FR1 n38_Ant 3_DSI 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	18.61	18.65	18.63	20.30
40	PI/2 BPSK	1	53	18.47	18.47	18.58	20.30
40	PI/2 BPSK	1	104	18.39	18.40	18.47	20.30
40	PI/2 BPSK	50	0	18.42	18.50	18.52	20.30
40	PI/2 BPSK	50	28	18.48	18.61	18.54	20.30
40	PI/2 BPSK	50	56	18.52	18.46	18.42	20.30
40	PI/2 BPSK	100	0	18.60	18.61	18.40	20.30
40	QPSK	1	1	18.44	18.53	18.46	20.30
40	QPSK	1	53	18.57	18.61	18.45	20.30
40	QPSK	1	104	18.48	18.43	18.54	20.30
40	QPSK	50	0	18.45	18.52	18.44	20.30
40	QPSK	50	28	18.41	18.42	18.51	20.30
40	QPSK	50	56	18.46	18.50	18.53	20.30
40	QPSK	100	0	18.50	18.52	18.49	20.30
40	16QAM	1	1	18.52	18.48	18.38	20.30
40	64QAM	1	1	18.44	18.46	18.50	20.30
40	256QAM	1	1	17.51	17.53	17.59	19.50
Channel				517000	519000	521000	Tune-up limit
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	18.54	18.56	18.59	20.30
Channel				516500	519000	521500	Tune-up limit
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	18.53	18.53	18.49	20.30
Channel				516000	519000	522000	Tune-up limit
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	18.59	18.54	18.57	20.30
Channel				515500	519000	522500	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	18.56	18.64	18.48	20.30
Channel				515000	519000	523000	Tune-up limit
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	18.51	18.51	18.55	20.30

【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	22.93	23.04	22.97	24.00
40	PI/2 BPSK	1	53	22.60	22.85	22.63	24.00
40	PI/2 BPSK	1	104	22.58	22.78	22.58	24.00
40	PI/2 BPSK	50	0	22.32	22.48	22.31	24.00
40	PI/2 BPSK	50	28	22.69	22.81	22.64	24.00
40	PI/2 BPSK	50	56	22.27	22.47	22.27	24.00
40	PI/2 BPSK	100	0	22.41	22.53	22.33	24.00
40	QPSK	1	1	21.74	21.97	21.86	23.00
40	QPSK	1	53	21.86	22.11	21.91	23.00
40	QPSK	1	104	22.00	22.25	22.16	23.00
40	QPSK	50	0	20.89	21.06	20.87	22.00
40	QPSK	50	28	21.87	22.06	21.87	23.00
40	QPSK	50	56	21.07	21.25	21.14	22.00
40	QPSK	100	0	20.98	21.15	21.04	22.00
40	16QAM	1	1	20.82	21.07	20.94	22.00
40	64QAM	1	1	19.53	19.67	19.54	20.50
40	256QAM	1	1	18.12	18.26	18.13	19.00
Channel				517000	519000	521000	Tune-up limit
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	22.89	22.99	22.89	24.00
Channel				516500	519000	521500	Tune-up limit



Frequency (MHz)				2582.5	2595	2607.5	(dBm)
25	PI/2 BPSK	1	1	22.86	23.03	22.84	24.00
Channel				516000	519000	522000	Tune-up limit
Frequency (MHz)				2580	2595	2610	(dBm)
20	PI/2 BPSK	1	1	22.82	22.93	22.94	24.00
Channel				515500	519000	522500	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	PI/2 BPSK	1	1	22.87	23.03	22.85	24.00
Channel				515000	519000	523000	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	PI/2 BPSK	1	1	22.92	22.95	22.87	24.00

【FR1 n38_Ant 4_DSI 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	12.83	13.05	12.78	14.10
40	PI/2 BPSK	1	53	12.82	13.01	13.00	14.10
40	PI/2 BPSK	1	104	13.01	12.88	12.87	14.10
40	PI/2 BPSK	50	0	12.85	12.92	12.81	14.10
40	PI/2 BPSK	50	28	12.92	12.97	12.82	14.10
40	PI/2 BPSK	50	56	12.98	12.88	13.00	14.10
40	PI/2 BPSK	100	0	12.81	12.92	12.80	14.10
40	QPSK	1	1	13.00	12.79	12.94	14.10
40	QPSK	1	53	12.80	12.82	12.82	14.10
40	QPSK	1	104	13.02	12.95	12.96	14.10
40	QPSK	50	0	12.80	12.92	12.82	14.10
40	QPSK	50	28	12.87	13.00	12.84	14.10
40	QPSK	50	56	12.78	12.94	13.02	14.10
40	QPSK	100	0	12.83	12.94	12.83	14.10
40	16QAM	1	1	12.82	12.97	12.92	14.10
40	64QAM	1	1	12.79	12.78	12.83	14.10
40	256QAM	1	1	12.82	12.99	12.78	14.10
Channel				517000	519000	521000	Tune-up limit
Frequency (MHz)				2585	2595	2605	(dBm)
30	PI/2 BPSK	1	1	12.73	12.94	12.66	14.10
Channel				516500	519000	521500	Tune-up limit
Frequency (MHz)				2582.5	2595	2607.5	(dBm)
25	PI/2 BPSK	1	1	12.77	12.92	12.65	14.10
Channel				516000	519000	522000	Tune-up limit
Frequency (MHz)				2580	2595	2610	(dBm)
20	PI/2 BPSK	1	1	12.81	12.92	12.65	14.10
Channel				515500	519000	522500	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	PI/2 BPSK	1	1	12.72	13.02	12.70	14.10
Channel				515000	519000	523000	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	PI/2 BPSK	1	1	12.79	12.98	12.70	14.10

【FR1 n38_Ant 4_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	16.05	16.10	15.96	17.00
40	PI/2 BPSK	1	53	15.79	15.96	15.95	17.00
40	PI/2 BPSK	1	104	15.99	16.07	15.92	17.00
40	PI/2 BPSK	50	0	16.03	16.06	15.90	17.00
40	PI/2 BPSK	50	28	15.89	16.08	15.95	17.00
40	PI/2 BPSK	50	56	15.93	15.90	15.73	17.00
40	PI/2 BPSK	100	0	15.85	16.04	15.79	17.00
40	QPSK	1	1	15.87	16.01	15.85	17.00
40	QPSK	1	53	15.78	15.99	15.86	17.00
40	QPSK	1	104	15.98	15.94	15.87	17.00
40	QPSK	50	0	15.79	16.08	15.82	17.00
40	QPSK	50	28	15.96	15.97	15.88	17.00
40	QPSK	50	56	15.77	16.02	15.79	17.00
40	QPSK	100	0	15.99	16.05	15.94	17.00



40	16QAM	1	1	15.93	15.84	15.80	17.00
40	64QAM	1	1	15.77	15.98	15.92	17.00
40	256QAM	1	1	15.84	15.81	15.89	17.00
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	16.01	16.02	15.93	17.00
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	15.90	15.99	15.86	17.00
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	15.93	16.04	15.85	17.00
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	15.98	16.04	15.94	17.00
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	15.99	15.94	15.92	17.00

【FR1 n38_Ant 4_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	22.93	23.04	22.97	24.00
40	PI/2 BPSK	1	53	22.60	22.85	22.63	24.00
40	PI/2 BPSK	1	104	22.58	22.78	22.58	24.00
40	PI/2 BPSK	50	0	22.32	22.48	22.31	24.00
40	PI/2 BPSK	50	28	22.69	22.81	22.64	24.00
40	PI/2 BPSK	50	56	22.27	22.47	22.27	24.00
40	PI/2 BPSK	100	0	22.41	22.53	22.33	24.00
40	QPSK	1	1	21.74	21.97	21.86	23.00
40	QPSK	1	53	21.86	22.11	21.91	23.00
40	QPSK	1	104	22.00	22.25	22.16	23.00
40	QPSK	50	0	20.89	21.06	20.87	22.00
40	QPSK	50	28	21.87	22.06	21.87	23.00
40	QPSK	50	56	21.07	21.25	21.14	22.00
40	QPSK	100	0	20.98	21.15	21.04	22.00
40	16QAM	1	1	20.82	21.07	20.94	22.00
40	64QAM	1	1	19.53	19.67	19.54	20.50
40	256QAM	1	1	18.12	18.26	18.13	19.00
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	22.89	22.99	22.89	24.00
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	22.86	23.03	22.84	24.00
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	22.82	22.93	22.94	24.00
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	22.87	23.03	22.85	24.00
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	22.92	22.95	22.87	24.00

【FR1 n38_Ant 4_DSI 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	19.01	19.03	19.00	20.20
40	PI/2 BPSK	1	53	18.83	18.78	18.99	20.20
40	PI/2 BPSK	1	104	18.96	18.98	18.85	20.20
40	PI/2 BPSK	50	0	18.78	18.94	18.87	20.20
40	PI/2 BPSK	50	28	18.82	18.99	19.00	20.20
40	PI/2 BPSK	50	56	18.94	18.88	18.79	20.20
40	PI/2 BPSK	100	0	18.86	18.78	18.87	20.20



40	QPSK	1	1	18.84	19.01	18.81	20.20
40	QPSK	1	53	18.83	18.91	18.88	20.20
40	QPSK	1	104	19.01	18.93	19.01	20.20
40	QPSK	50	0	19.00	18.93	18.79	20.20
40	QPSK	50	28	18.93	18.81	18.87	20.20
40	QPSK	50	56	18.89	18.79	18.84	20.20
40	QPSK	100	0	19.00	19.01	18.86	20.20
40	16QAM	1	1	19.00	18.96	18.94	20.20
40	64QAM	1	1	18.85	18.86	18.99	20.20
40	256QAM	1	1	18.81	18.99	18.95	20.20
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	18.87	18.90	18.92	20.20
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	18.97	18.99	18.95	20.20
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	18.97	18.95	18.95	20.20
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	18.97	18.88	18.95	20.20
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	18.96	18.90	18.92	20.20

【FR1 n38_Ant 4_DSI 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	12.32	12.43	12.42	13.70
40	PI/2 BPSK	1	53	12.22	12.22	12.20	13.70
40	PI/2 BPSK	1	104	12.19	12.25	12.38	13.70
40	PI/2 BPSK	50	0	12.32	12.31	12.32	13.70
40	PI/2 BPSK	50	28	12.31	12.41	12.36	13.70
40	PI/2 BPSK	50	56	12.33	12.38	12.36	13.70
40	PI/2 BPSK	100	0	12.42	12.22	12.33	13.70
40	QPSK	1	1	12.32	12.31	12.24	13.70
40	QPSK	1	53	12.33	12.28	12.40	13.70
40	QPSK	1	104	12.25	12.27	12.40	13.70
40	QPSK	50	0	12.34	12.30	12.33	13.70
40	QPSK	50	28	12.21	12.20	12.39	13.70
40	QPSK	50	56	12.38	12.38	12.41	13.70
40	QPSK	100	0	12.19	12.31	12.38	13.70
40	16QAM	1	1	12.22	12.37	12.30	13.70
40	64QAM	1	1	12.21	12.21	12.35	13.70
40	256QAM	1	1	12.32	12.33	12.27	13.70
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	12.20	12.34	12.35	13.70
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	12.20	12.42	12.40	13.70
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	12.25	12.38	12.35	13.70
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	12.26	12.34	12.40	13.70
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	12.21	12.33	12.30	13.70

**【FR1 n38_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				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	23.75	23.78	23.73	24.00
40	PI/2 BPSK	1	53	23.55	23.62	23.45	24.00
40	PI/2 BPSK	1	104	23.69	23.75	23.62	24.00
40	PI/2 BPSK	50	0	23.63	23.69	23.50	24.00
40	PI/2 BPSK	50	28	23.57	23.74	23.66	24.00
40	PI/2 BPSK	50	56	23.51	23.62	23.47	24.00
40	PI/2 BPSK	100	0	23.56	23.73	23.55	24.00
40	QPSK	1	1	23.54	23.71	23.55	24.00
40	QPSK	1	53	23.50	23.58	23.38	24.00
40	QPSK	1	104	23.44	23.62	23.47	24.00
40	QPSK	50	0	23.23	23.35	23.22	24.00
40	QPSK	50	28	23.59	23.66	23.53	24.00
40	QPSK	50	56	23.32	23.43	23.35	24.00
40	QPSK	100	0	23.37	23.47	23.35	24.00
40	16QAM	1	1	23.37	23.43	23.27	24.00
40	64QAM	1	1	22.13	22.23	22.05	22.50
40	256QAM	1	1	20.59	20.67	20.53	21.00
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	23.61	23.75	23.58	24.00
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	23.69	23.76	23.69	24.00
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	23.67	23.67	23.67	24.00
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	23.66	23.69	23.70	24.00
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	23.73	23.73	23.66	24.00

【FR1 n38_Ant 8_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	23.75	23.78	23.73	24.00
40	PI/2 BPSK	1	53	23.55	23.62	23.45	24.00
40	PI/2 BPSK	1	104	23.69	23.75	23.62	24.00
40	PI/2 BPSK	50	0	23.63	23.69	23.50	24.00
40	PI/2 BPSK	50	28	23.57	23.74	23.66	24.00
40	PI/2 BPSK	50	56	23.51	23.62	23.47	24.00
40	PI/2 BPSK	100	0	23.56	23.73	23.55	24.00
40	QPSK	1	1	23.54	23.71	23.55	24.00
40	QPSK	1	53	23.50	23.58	23.38	24.00
40	QPSK	1	104	23.44	23.62	23.47	24.00
40	QPSK	50	0	23.23	23.35	23.22	24.00
40	QPSK	50	28	23.59	23.66	23.53	24.00
40	QPSK	50	56	23.32	23.43	23.35	24.00
40	QPSK	100	0	23.37	23.47	23.35	24.00
40	16QAM	1	1	23.37	23.43	23.27	24.00
40	64QAM	1	1	22.13	22.23	22.05	22.50
40	256QAM	1	1	20.59	20.67	20.53	21.00
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	23.61	23.75	23.58	24.00
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	23.69	23.76	23.69	24.00
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	23.67	23.67	23.67	24.00
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	



15	PI/2 BPSK	1	1	23.66	23.69	23.70	24.00
Channel				515000	519000	523000	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	PI/2 BPSK	1	1	23.73	23.73	23.66	24.00

【FR1 n38_Ant 8_DSI 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	22.16	22.17	22.13	23.10
40	PI/2 BPSK	1	53	21.84	21.93	21.84	23.10
40	PI/2 BPSK	1	104	21.86	22.01	21.91	23.10
40	PI/2 BPSK	50	0	21.93	22.14	21.94	23.10
40	PI/2 BPSK	50	28	21.91	22.15	21.79	23.10
40	PI/2 BPSK	50	56	21.94	21.99	21.94	23.10
40	PI/2 BPSK	100	0	21.91	21.86	21.83	23.10
40	QPSK	1	1	21.70	21.96	21.77	23.10
40	QPSK	1	53	21.96	21.86	21.74	23.10
40	QPSK	1	104	22.04	21.88	22.02	23.10
40	QPSK	50	0	22.05	21.98	21.95	23.10
40	QPSK	50	28	21.71	21.83	21.77	23.10
40	QPSK	50	56	21.93	21.93	21.77	23.10
40	QPSK	100	0	21.78	21.88	21.98	23.10
40	16QAM	1	1	22.07	21.89	21.96	23.10
40	64QAM	1	1	21.46	21.55	21.38	22.50
40	256QAM	1	1	19.95	20.01	19.88	21.00
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	22.08	22.02	22.03	23.10
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	22.09	22.08	22.09	23.10
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	22.13	22.05	22.02	23.10
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	22.05	22.09	21.99	23.10
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	22.09	22.03	22.01	23.10

【FR1 n38_Ant 8_DSI 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	23.75	23.78	23.73	24.00
40	PI/2 BPSK	1	53	23.55	23.62	23.45	24.00
40	PI/2 BPSK	1	104	23.69	23.75	23.62	24.00
40	PI/2 BPSK	50	0	23.63	23.69	23.50	24.00
40	PI/2 BPSK	50	28	23.57	23.74	23.66	24.00
40	PI/2 BPSK	50	56	23.51	23.62	23.47	24.00
40	PI/2 BPSK	100	0	23.56	23.73	23.55	24.00
40	QPSK	1	1	23.54	23.71	23.55	24.00
40	QPSK	1	53	23.50	23.58	23.38	24.00
40	QPSK	1	104	23.44	23.62	23.47	24.00
40	QPSK	50	0	23.23	23.35	23.22	24.00
40	QPSK	50	28	23.59	23.66	23.53	24.00
40	QPSK	50	56	23.32	23.43	23.35	24.00
40	QPSK	100	0	23.37	23.47	23.35	24.00
40	16QAM	1	1	23.37	23.43	23.27	24.00
40	64QAM	1	1	22.13	22.23	22.05	22.50
40	256QAM	1	1	20.59	20.67	20.53	21.00
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	23.61	23.75	23.58	24.00
Channel				516500	519000	521500	Tune-up limit



Frequency (MHz)				2582.5	2595	2607.5	(dBm)
25	PI/2 BPSK	1	1	23.69	23.76	23.69	24.00
Channel				516000	519000	522000	Tune-up limit
Frequency (MHz)				2580	2595	2610	(dBm)
20	PI/2 BPSK	1	1	23.67	23.67	23.67	24.00
Channel				515500	519000	522500	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	PI/2 BPSK	1	1	23.66	23.69	23.70	24.00
Channel				515000	519000	523000	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	PI/2 BPSK	1	1	23.73	23.73	23.66	24.00

【FR1 n38_Ant 8_DSI 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	21.06	21.11	21.06	22.10
40	PI/2 BPSK	1	53	21.00	21.01	20.93	22.10
40	PI/2 BPSK	1	104	20.91	21.04	20.95	22.10
40	PI/2 BPSK	50	0	21.00	20.95	21.10	22.10
40	PI/2 BPSK	50	28	20.99	21.08	20.94	22.10
40	PI/2 BPSK	50	56	21.01	21.07	20.96	22.10
40	PI/2 BPSK	100	0	20.94	21.10	20.89	22.10
40	QPSK	1	1	21.10	20.95	20.96	22.10
40	QPSK	1	53	20.92	21.08	20.99	22.10
40	QPSK	1	104	21.08	20.98	21.09	22.10
40	QPSK	50	0	20.95	20.93	21.10	22.10
40	QPSK	50	28	20.96	21.09	20.99	22.10
40	QPSK	50	56	20.94	20.97	20.95	22.10
40	QPSK	100	0	20.96	20.88	20.92	22.10
40	16QAM	1	1	20.97	21.07	20.99	22.10
40	64QAM	1	1	20.96	21.06	21.09	22.10
40	256QAM	1	1	21.01	20.92	20.92	22.10
Channel				517000	519000	521000	Tune-up limit
Frequency (MHz)				2585	2595	2605	(dBm)
30	PI/2 BPSK	1	1	21.05	20.99	21.00	22.10
Channel				516500	519000	521500	Tune-up limit
Frequency (MHz)				2582.5	2595	2607.5	(dBm)
25	PI/2 BPSK	1	1	20.94	21.08	21.01	22.10
Channel				516000	519000	522000	Tune-up limit
Frequency (MHz)				2580	2595	2610	(dBm)
20	PI/2 BPSK	1	1	20.98	21.05	21.03	22.10
Channel				515500	519000	522500	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	PI/2 BPSK	1	1	20.93	20.97	20.97	22.10
Channel				515000	519000	523000	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	PI/2 BPSK	1	1	21.04	21.05	20.97	22.10

【FR1 n38_Ant 8_DSI 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	19.01	19.05	19.03	20.40
40	PI/2 BPSK	1	53	18.83	18.97	18.84	20.40
40	PI/2 BPSK	1	104	18.92	18.80	18.95	20.40
40	PI/2 BPSK	50	0	18.79	18.97	18.91	20.40
40	PI/2 BPSK	50	28	18.85	19.01	18.80	20.40
40	PI/2 BPSK	50	56	18.91	18.98	18.95	20.40
40	PI/2 BPSK	100	0	18.82	18.93	18.99	20.40
40	QPSK	1	1	18.85	18.97	18.85	20.40
40	QPSK	1	53	18.78	18.81	18.96	20.40
40	QPSK	1	104	18.91	18.86	19.02	20.40
40	QPSK	50	0	19.02	18.86	18.96	20.40
40	QPSK	50	28	18.95	19.00	18.87	20.40
40	QPSK	50	56	18.89	18.96	19.00	20.40
40	QPSK	100	0	18.90	18.91	18.91	20.40



FCC SAR Test Report

Report No. : FA572502

40	16QAM	1	1	18.89	18.87	18.93	20.40
40	64QAM	1	1	18.86	18.81	18.90	20.40
40	256QAM	1	1	18.94	18.81	18.93	20.40
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	18.98	18.94	18.99	20.40
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	18.91	18.93	18.92	20.40
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	18.87	19.04	18.95	20.40
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	18.92	18.98	18.96	20.40
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	18.97	19.02	18.92	20.40

【FR1 n41__FCC_Ant 1_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.22	23.29	23.25	24.00
100	PI/2 BPSK	1	137	22.70	22.87	22.77	24.00
100	PI/2 BPSK	1	271	22.75	22.88	22.80	24.00
100	PI/2 BPSK	135	0	22.65	22.77	22.66	24.00
100	PI/2 BPSK	135	69	23.12	23.25	23.10	24.00
100	PI/2 BPSK	135	138	22.80	22.88	22.72	24.00
100	PI/2 BPSK	270	0	22.87	23.01	22.94	24.00
100	QPSK	1	1	22.73	22.89	22.76	24.00
100	QPSK	1	137	22.75	22.87	22.71	24.00
100	QPSK	1	271	22.89	23.08	23.02	24.00
100	QPSK	135	0	22.70	22.79	22.60	24.00
100	QPSK	135	69	22.82	22.91	22.82	24.00
100	QPSK	135	138	22.94	23.06	22.93	24.00
100	QPSK	270	0	22.88	23.01	22.87	24.00
100	16QAM	1	1	22.73	22.92	22.83	24.00
100	64QAM	1	1	22.67	22.87	22.68	24.00
100	256QAM	1	1	21.58	21.79	21.63	23.00
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.08	23.28	23.23	24.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.20	23.16	23.23	24.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	23.09	23.23	23.22	24.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.18	23.21	23.13	24.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.13	23.19	23.21	24.00
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	23.09	23.15	23.16	24.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.21	23.26	23.18	24.00
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	23.16	23.24	23.15	24.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.12	23.16	23.23	24.00
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	23.12	23.22	23.18	24.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.19	23.27	23.14	24.00



Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	23.17	23.25	23.13	24.00
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	23.11	23.24	23.20	24.00

【FR1 n41_FCC_HPUE_Ant 1_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	26.15	26.21	26.18	27.00
100	PI/2 BPSK	1	137	26.06	26.15	26.02	27.00
100	PI/2 BPSK	1	271	25.95	26.13	26.02	27.00
100	PI/2 BPSK	135	0	25.55	25.66	25.52	26.50
100	PI/2 BPSK	135	69	26.02	26.16	26.11	27.00
100	PI/2 BPSK	135	138	25.41	25.61	25.47	26.50
100	PI/2 BPSK	270	0	25.53	25.63	25.52	26.50
100	QPSK	1	1	26.08	26.18	26.11	27.00
100	QPSK	1	137	25.95	26.11	25.96	27.00
100	QPSK	1	271	25.96	26.14	25.97	27.00
100	QPSK	135	0	25.13	25.25	25.19	26.00
100	QPSK	135	69	25.96	26.16	26.01	27.00
100	QPSK	135	138	25.12	25.21	25.12	26.00
100	QPSK	270	0	24.98	25.18	25.08	26.00
100	16QAM	1	1	25.07	25.15	24.98	26.00
100	64QAM	1	1	23.48	23.63	23.49	24.50
100	256QAM	1	1	21.52	21.65	21.58	22.50
Channel				508200	518598	528996	Tune-up limit
Frequency (MHz)				2541	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	26.01	26.07	26.08	27.00
Channel				507204	518598	529998	Tune-up limit
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)
80	PI/2 BPSK	1	1	26.10	26.18	26.07	27.00
Channel				506202	518598	531000	Tune-up limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	26.13	26.16	26.11	27.00
Channel				505200	518598	531996	Tune-up limit
Frequency (MHz)				2526	2592.99	2659.98	(dBm)
60	PI/2 BPSK	1	1	26.09	26.10	26.06	27.00
Channel				504204	518598	532998	Tune-up limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	26.10	26.15	26.06	27.00
Channel				503700	518598	533496	Tune-up limit
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)
45	PI/2 BPSK	1	1	26.01	26.19	26.04	27.00
Channel				503202	518598	534000	Tune-up limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	26.14	26.11	26.03	27.00
Channel				502704	518598	534498	Tune-up limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	26.02	26.06	26.08	27.00
Channel				502200	518598	534996	Tune-up limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	26.14	26.20	26.13	27.00
Channel				501702	518598	535500	Tune-up limit
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	26.08	26.09	26.10	27.00
Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	26.13	26.12	26.15	27.00
Channel				500700	518598	536496	Tune-up limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	26.13	26.14	26.12	27.00
Channel				500202	518598	537000	Tune-up limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	26.06	26.19	26.13	27.00



【FR1 n41__FCC_Ant 1_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.22	23.29	23.25	24.00
100	PI/2 BPSK	1	137	22.70	22.87	22.77	24.00
100	PI/2 BPSK	1	271	22.75	22.88	22.80	24.00
100	PI/2 BPSK	135	0	22.65	22.77	22.66	24.00
100	PI/2 BPSK	135	69	23.12	23.25	23.10	24.00
100	PI/2 BPSK	135	138	22.80	22.88	22.72	24.00
100	PI/2 BPSK	270	0	22.87	23.01	22.94	24.00
100	QPSK	1	1	22.73	22.89	22.76	24.00
100	QPSK	1	137	22.75	22.87	22.71	24.00
100	QPSK	1	271	22.89	23.08	23.02	24.00
100	QPSK	135	0	22.70	22.79	22.60	24.00
100	QPSK	135	69	22.82	22.91	22.82	24.00
100	QPSK	135	138	22.94	23.06	22.93	24.00
100	QPSK	270	0	22.88	23.01	22.87	24.00
100	16QAM	1	1	22.73	22.92	22.83	24.00
100	64QAM	1	1	22.67	22.87	22.68	24.00
100	256QAM	1	1	21.58	21.79	21.63	23.00
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.08	23.28	23.23	24.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.20	23.16	23.23	24.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	23.09	23.23	23.22	24.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.18	23.21	23.13	24.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.13	23.19	23.21	24.00
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	23.09	23.15	23.16	24.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.21	23.26	23.18	24.00
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	23.16	23.24	23.15	24.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.12	23.16	23.23	24.00
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	23.12	23.22	23.18	24.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.19	23.27	23.14	24.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.17	23.25	23.13	24.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.11	23.24	23.20	24.00



【FR1 n41__FCC_Ant 1_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	16.65	16.73	16.63	17.80
100	PI/2 BPSK	1	137	16.58	16.62	16.42	17.80
100	PI/2 BPSK	1	271	16.56	16.62	16.61	17.80
100	PI/2 BPSK	135	0	16.47	16.56	16.48	17.80
100	PI/2 BPSK	135	69	16.52	16.71	16.54	17.80
100	PI/2 BPSK	135	138	16.64	16.63	16.44	17.80
100	PI/2 BPSK	270	0	16.56	16.43	16.41	17.80
100	QPSK	1	1	16.57	16.60	16.60	17.80
100	QPSK	1	137	16.44	16.54	16.63	17.80
100	QPSK	1	271	16.45	16.52	16.53	17.80
100	QPSK	135	0	16.61	16.48	16.52	17.80
100	QPSK	135	69	16.48	16.58	16.52	17.80
100	QPSK	135	138	16.57	16.49	16.64	17.80
100	QPSK	270	0	16.54	16.59	16.49	17.80
100	16QAM	1	1	16.50	16.60	16.61	17.80
100	64QAM	1	1	16.43	16.59	16.60	17.80
100	256QAM	1	1	16.43	16.52	16.61	17.80
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	16.58	16.63	16.60	17.80
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	16.54	16.51	16.56	17.80
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	16.51	16.55	16.51	17.80
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	16.62	16.56	16.60	17.80
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	16.56	16.60	16.55	17.80
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	16.63	16.62	16.50	17.80
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	16.59	16.59	16.49	17.80
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	16.58	16.54	16.61	17.80
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	16.60	16.51	16.59	17.80
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	16.51	16.62	16.51	17.80
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	16.59	16.54	16.52	17.80
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	16.61	16.61	16.59	17.80
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	16.50	16.59	16.50	17.80



【FR1 n41__FCC_Ant 1_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	18.19	18.41	18.17	19.30
100	PI/2 BPSK	1	137	18.35	18.32	18.35	19.30
100	PI/2 BPSK	1	271	18.29	18.32	18.22	19.30
100	PI/2 BPSK	135	0	18.23	18.25	18.26	19.30
100	PI/2 BPSK	135	69	18.26	18.30	18.14	19.30
100	PI/2 BPSK	135	138	18.23	18.26	18.24	19.30
100	PI/2 BPSK	270	0	18.32	18.26	18.17	19.30
100	QPSK	1	1	18.18	18.34	18.31	19.30
100	QPSK	1	137	18.19	18.38	18.25	19.30
100	QPSK	1	271	18.36	18.22	18.20	19.30
100	QPSK	135	0	18.25	18.17	18.22	19.30
100	QPSK	135	69	18.30	18.26	18.37	19.30
100	QPSK	135	138	18.27	18.35	18.32	19.30
100	QPSK	270	0	18.26	18.29	18.20	19.30
100	16QAM	1	1	18.14	18.15	18.19	19.30
100	64QAM	1	1	18.37	18.17	18.32	19.30
100	256QAM	1	1	18.33	18.30	18.21	19.30
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	18.07	18.37	18.12	19.30
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	18.15	18.33	18.13	19.30
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	18.17	18.34	18.08	19.30
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	18.15	18.39	18.04	19.30
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	18.12	18.27	18.10	19.30
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	18.06	18.30	18.16	19.30
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	18.14	18.39	18.10	19.30
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	18.12	18.29	18.08	19.30
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	18.05	18.35	18.13	19.30
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	18.08	18.29	18.10	19.30
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	18.05	18.40	18.05	19.30
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	18.16	18.34	18.07	19.30
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	18.17	18.29	18.03	19.30

**【FR1 n41__FCC_Ant 1_DSI 6】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	20.25	20.35	20.31	21.40
100	PI/2 BPSK	1	137	20.11	20.10	20.30	21.40
100	PI/2 BPSK	1	271	20.31	20.29	20.30	21.40
100	PI/2 BPSK	135	0	20.12	20.10	20.09	21.40
100	PI/2 BPSK	135	69	20.09	20.31	20.19	21.40
100	PI/2 BPSK	135	138	20.30	20.23	20.25	21.40
100	PI/2 BPSK	270	0	20.26	20.31	20.18	21.40
100	QPSK	1	1	20.13	20.24	20.10	21.40
100	QPSK	1	137	20.27	20.29	20.09	21.40
100	QPSK	1	271	20.21	20.32	20.19	21.40
100	QPSK	135	0	20.24	20.32	20.27	21.40
100	QPSK	135	69	20.29	20.17	20.21	21.40
100	QPSK	135	138	20.16	20.18	20.24	21.40
100	QPSK	270	0	20.19	20.17	20.30	21.40
100	16QAM	1	1	20.10	20.22	20.09	21.40
100	64QAM	1	1	20.22	20.20	20.17	21.40
100	256QAM	1	1	20.23	20.18	20.18	21.40
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	20.11	20.20	20.29	21.40
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.23	20.28	20.20	21.40
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	20.20	20.31	20.24	21.40
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.14	20.28	20.25	21.40
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	20.17	20.24	20.20	21.40
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	20.11	20.23	20.23	21.40
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.11	20.34	20.16	21.40
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	20.12	20.26	20.20	21.40
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.23	20.29	20.19	21.40
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	20.14	20.30	20.24	21.40
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.14	20.23	20.20	21.40
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	20.19	20.23	20.27	21.40
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	20.20	20.29	20.24	21.40



【FR1 n41__FCC_Ant 1_DSI 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	15.29	15.31	15.28	16.20
100	PI/2 BPSK	1	137	15.16	15.05	15.10	16.20
100	PI/2 BPSK	1	271	15.22	15.11	15.11	16.20
100	PI/2 BPSK	135	0	15.04	15.06	14.99	16.20
100	PI/2 BPSK	135	69	15.12	15.28	15.15	16.20
100	PI/2 BPSK	135	138	15.06	15.18	15.13	16.20
100	PI/2 BPSK	270	0	15.19	14.98	15.20	16.20
100	QPSK	1	1	15.02	15.16	15.13	16.20
100	QPSK	1	137	15.16	15.14	15.05	16.20
100	QPSK	1	271	15.18	15.10	15.14	16.20
100	QPSK	135	0	15.08	15.03	15.09	16.20
100	QPSK	135	69	15.06	15.15	15.07	16.20
100	QPSK	135	138	15.03	15.12	15.14	16.20
100	QPSK	270	0	15.06	15.03	15.11	16.20
100	16QAM	1	1	15.13	15.05	15.06	16.20
100	64QAM	1	1	15.11	15.00	15.01	16.20
100	256QAM	1	1	15.03	15.05	15.10	16.20
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	15.24	15.23	15.26	16.20
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	15.28	15.28	15.25	16.20
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	15.22	15.20	15.18	16.20
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	15.26	15.24	15.13	16.20
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	15.15	15.17	15.16	16.20
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	15.21	15.21	15.23	16.20
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	15.27	15.27	15.18	16.20
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	15.24	15.27	15.26	16.20
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	15.25	15.17	15.20	16.20
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	15.15	15.24	15.22	16.20
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	15.27	15.27	15.20	16.20
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	15.17	15.18	15.15	16.20
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	15.19	15.16	15.24	16.20



【FR1 n41__FCC_HPUE_Ant 1_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	26.15	26.21	26.18	27.00
100	PI/2 BPSK	1	137	26.06	26.15	26.02	27.00
100	PI/2 BPSK	1	271	25.95	26.13	26.02	27.00
100	PI/2 BPSK	135	0	25.55	25.66	25.52	26.50
100	PI/2 BPSK	135	69	26.02	26.16	26.11	27.00
100	PI/2 BPSK	135	138	25.41	25.61	25.47	26.50
100	PI/2 BPSK	270	0	25.53	25.63	25.52	26.50
100	QPSK	1	1	26.08	26.18	26.11	27.00
100	QPSK	1	137	25.95	26.11	25.96	27.00
100	QPSK	1	271	25.96	26.14	25.97	27.00
100	QPSK	135	0	25.13	25.25	25.19	26.00
100	QPSK	135	69	25.96	26.16	26.01	27.00
100	QPSK	135	138	25.12	25.21	25.12	26.00
100	QPSK	270	0	24.98	25.18	25.08	26.00
100	16QAM	1	1	25.07	25.15	24.98	26.00
100	64QAM	1	1	23.48	23.63	23.49	24.50
100	256QAM	1	1	21.52	21.65	21.58	22.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	26.01	26.07	26.08	27.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	26.10	26.18	26.07	27.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	26.13	26.16	26.11	27.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	26.09	26.10	26.06	27.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	26.10	26.15	26.06	27.00
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	26.01	26.19	26.04	27.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	26.14	26.11	26.03	27.00
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	26.02	26.06	26.08	27.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	26.14	26.20	26.13	27.00
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	26.08	26.09	26.10	27.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	26.13	26.12	26.15	27.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	26.13	26.14	26.12	27.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	26.06	26.19	26.13	27.00



【FR1 n41__FCC_HPUE_Ant 1_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	19.64	19.77	19.70	20.80
100	PI/2 BPSK	1	137	19.68	19.51	19.32	20.80
100	PI/2 BPSK	1	271	19.59	19.67	19.72	20.80
100	PI/2 BPSK	135	0	19.37	19.60	19.41	20.80
100	PI/2 BPSK	135	69	19.43	19.69	19.44	20.80
100	PI/2 BPSK	135	138	19.70	19.61	19.35	20.80
100	PI/2 BPSK	270	0	19.63	19.52	19.43	20.80
100	QPSK	1	1	19.51	19.48	19.67	20.80
100	QPSK	1	137	19.43	19.52	19.69	20.80
100	QPSK	1	271	19.38	19.60	19.52	20.80
100	QPSK	135	0	19.53	19.43	19.60	20.80
100	QPSK	135	69	19.40	19.51	19.45	20.80
100	QPSK	135	138	19.63	19.60	19.64	20.80
100	QPSK	270	0	19.47	19.67	19.55	20.80
100	16QAM	1	1	19.44	19.69	19.51	20.80
100	64QAM	1	1	19.36	19.56	19.54	20.80
100	256QAM	1	1	19.34	19.54	19.68	20.80
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	19.51	19.71	19.56	20.80
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	19.53	19.67	19.61	20.80
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	19.62	19.70	19.66	20.80
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	19.63	19.74	19.57	20.80
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	19.59	19.75	19.60	20.80
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	19.56	19.65	19.64	20.80
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	19.58	19.68	19.65	20.80
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	19.59	19.65	19.56	20.80
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	19.53	19.63	19.58	20.80
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	19.62	19.70	19.66	20.80
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	19.55	19.67	19.62	20.80
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	19.61	19.65	19.65	20.80
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	19.58	19.66	19.59	20.80

**【FR1 n41__FCC_HPUE_Ant 1_DSI 3】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	21.24	21.25	21.12	22.30
100	PI/2 BPSK	1	137	21.28	21.13	21.12	22.30
100	PI/2 BPSK	1	271	21.18	21.16	21.28	22.30
100	PI/2 BPSK	135	0	21.21	21.10	21.26	22.30
100	PI/2 BPSK	135	69	21.24	21.21	21.21	22.30
100	PI/2 BPSK	135	138	21.05	21.09	21.24	22.30
100	PI/2 BPSK	270	0	21.22	21.12	21.26	22.30
100	QPSK	1	1	21.18	21.10	21.25	22.30
100	QPSK	1	137	21.20	21.23	21.23	22.30
100	QPSK	1	271	21.27	21.23	21.21	22.30
100	QPSK	135	0	21.21	21.24	21.26	22.30
100	QPSK	135	69	21.10	21.21	21.27	22.30
100	QPSK	135	138	21.07	21.18	21.09	22.30
100	QPSK	270	0	21.09	21.27	21.17	22.30
100	16QAM	1	1	21.15	21.21	21.19	22.30
100	64QAM	1	1	21.06	21.18	21.13	22.30
100	256QAM	1	1	21.19	21.19	21.04	22.30
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	21.11	21.16	21.10	22.30
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	21.11	21.23	20.98	22.30
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	21.09	21.19	21.10	22.30
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	21.19	21.13	21.00	22.30
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	21.20	21.22	21.03	22.30
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	21.09	21.15	21.10	22.30
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	21.19	21.18	20.97	22.30
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	21.16	21.17	21.07	22.30
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	21.14	21.12	20.97	22.30
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	21.22	21.14	20.98	22.30
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	21.21	21.19	20.99	22.30
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	21.17	21.16	21.07	22.30
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	21.18	21.10	21.09	22.30



【FR1 n41__FCC_HPUE_Ant 1_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.53	23.58	23.51	24.40
100	PI/2 BPSK	1	137	23.40	23.37	23.48	24.40
100	PI/2 BPSK	1	271	23.49	23.39	23.33	24.40
100	PI/2 BPSK	135	0	23.47	23.41	23.52	24.40
100	PI/2 BPSK	135	69	23.38	23.56	23.51	24.40
100	PI/2 BPSK	135	138	23.55	23.46	23.45	24.40
100	PI/2 BPSK	270	0	23.41	23.37	23.36	24.40
100	QPSK	1	1	23.52	23.51	23.43	24.40
100	QPSK	1	137	23.36	23.38	23.38	24.40
100	QPSK	1	271	23.35	23.45	23.52	24.40
100	QPSK	135	0	23.44	23.49	23.55	24.40
100	QPSK	135	69	23.55	23.34	23.48	24.40
100	QPSK	135	138	23.44	23.50	23.45	24.40
100	QPSK	270	0	23.51	23.50	23.45	24.40
100	16QAM	1	1	23.43	23.40	23.54	24.40
100	64QAM	1	1	23.41	23.44	23.37	24.40
100	256QAM	1	1	21.35	21.51	21.53	22.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.52	23.51	23.42	24.40
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.39	23.57	23.48	24.40
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	23.42	23.50	23.44	24.40
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.47	23.51	23.49	24.40
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.42	23.44	23.47	24.40
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	23.43	23.49	23.38	24.40
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.46	23.46	23.49	24.40
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	23.49	23.52	23.36	24.40
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.42	23.54	23.45	24.40
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	23.44	23.53	23.38	24.40
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.51	23.55	23.46	24.40
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.51	23.57	23.44	24.40
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.40	23.47	23.45	24.40



【FR1 n41__FCC_HPUE_Ant 1_DSI 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	18.28	18.35	18.31	19.20
100	PI/2 BPSK	1	137	18.22	18.15	18.32	19.20
100	PI/2 BPSK	1	271	18.29	18.23	18.14	19.20
100	PI/2 BPSK	135	0	18.13	18.27	18.14	19.20
100	PI/2 BPSK	135	69	18.20	18.22	18.15	19.20
100	PI/2 BPSK	135	138	18.24	18.11	18.30	19.20
100	PI/2 BPSK	270	0	18.29	18.29	18.08	19.20
100	QPSK	1	1	18.18	18.24	18.32	19.20
100	QPSK	1	137	18.23	18.19	18.19	19.20
100	QPSK	1	271	18.31	18.15	18.27	19.20
100	QPSK	135	0	18.21	18.21	18.20	19.20
100	QPSK	135	69	18.14	18.30	18.09	19.20
100	QPSK	135	138	18.27	18.22	18.31	19.20
100	QPSK	270	0	18.16	18.17	18.17	19.20
100	16QAM	1	1	18.20	18.22	18.08	19.20
100	64QAM	1	1	18.12	18.24	18.24	19.20
100	256QAM	1	1	18.14	18.27	18.16	19.20
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	18.14	18.23	18.26	19.20
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	18.26	18.33	18.26	19.20
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	18.22	18.27	18.21	19.20
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	18.15	18.32	18.17	19.20
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	18.25	18.33	18.21	19.20
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	18.15	18.32	18.19	19.20
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	18.19	18.25	18.22	19.20
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	18.24	18.31	18.19	19.20
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	18.26	18.23	18.28	19.20
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	18.23	18.24	18.27	19.20
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	18.17	18.27	18.17	19.20
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	18.20	18.24	18.18	19.20
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	18.13	18.29	18.29	19.20



【FR1 n41__FCC_Ant 3_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.11	23.52	23.41	24.00
100	PI/2 BPSK	1	137	22.94	23.46	23.26	24.00
100	PI/2 BPSK	1	271	22.88	23.33	23.08	24.00
100	PI/2 BPSK	135	0	21.59	22.02	21.91	23.50
100	PI/2 BPSK	135	69	22.96	23.39	23.19	24.00
100	PI/2 BPSK	135	138	21.50	22.01	21.81	23.50
100	PI/2 BPSK	270	0	21.64	22.04	21.84	23.50
100	QPSK	1	1	22.71	23.26	23.01	24.00
100	QPSK	1	137	22.92	23.41	23.17	24.00
100	QPSK	1	271	22.93	23.44	23.28	24.00
100	QPSK	135	0	21.00	21.44	21.23	23.00
100	QPSK	135	69	22.88	23.41	23.28	24.00
100	QPSK	135	138	21.08	21.57	21.34	23.00
100	QPSK	270	0	21.01	21.50	21.33	23.00
100	16QAM	1	1	21.88	22.41	22.21	23.00
100	64QAM	1	1	20.42	20.87	20.74	21.50
100	256QAM	1	1	18.40	18.80	18.64	19.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.07	23.50	23.26	24.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.96	23.50	23.28	24.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	23.07	23.47	23.29	24.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.00	23.39	23.39	24.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.01	23.44	23.27	24.00
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	23.07	23.50	23.38	24.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.06	23.47	23.32	24.00
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	23.08	23.48	23.26	24.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.04	23.42	23.32	24.00
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	23.03	23.43	23.36	24.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.99	23.40	23.33	24.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.09	23.43	23.33	24.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.07	23.40	23.38	24.00



【FR1 n41__FCC_Ant 3_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.11	23.52	23.41	24.00
100	PI/2 BPSK	1	137	22.94	23.46	23.26	24.00
100	PI/2 BPSK	1	271	22.88	23.33	23.08	24.00
100	PI/2 BPSK	135	0	21.59	22.02	21.91	23.50
100	PI/2 BPSK	135	69	22.96	23.39	23.19	24.00
100	PI/2 BPSK	135	138	21.50	22.01	21.81	23.50
100	PI/2 BPSK	270	0	21.64	22.04	21.84	23.50
100	QPSK	1	1	22.71	23.26	23.01	24.00
100	QPSK	1	137	22.92	23.41	23.17	24.00
100	QPSK	1	271	22.93	23.44	23.28	24.00
100	QPSK	135	0	21.00	21.44	21.23	23.00
100	QPSK	135	69	22.88	23.41	23.28	24.00
100	QPSK	135	138	21.08	21.57	21.34	23.00
100	QPSK	270	0	21.01	21.50	21.33	23.00
100	16QAM	1	1	21.88	22.41	22.21	23.00
100	64QAM	1	1	20.42	20.87	20.74	21.50
100	256QAM	1	1	18.40	18.80	18.64	19.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.07	23.50	23.26	24.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.96	23.50	23.28	24.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	23.07	23.47	23.29	24.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.00	23.39	23.39	24.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.01	23.44	23.27	24.00
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	23.07	23.50	23.38	24.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.06	23.47	23.32	24.00
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	23.08	23.48	23.26	24.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.04	23.42	23.32	24.00
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	23.03	23.43	23.36	24.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.99	23.40	23.33	24.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.09	23.43	23.33	24.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.07	23.40	23.38	24.00

【FR1 n41__FCC_Ant 3_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	15.49	15.55	15.46	16.60
100	PI/2 BPSK	1	137	15.28	15.36	15.33	16.60
100	PI/2 BPSK	1	271	15.28	15.37	15.30	16.60
100	PI/2 BPSK	135	0	15.40	15.39	15.47	16.60
100	PI/2 BPSK	135	69	15.40	15.52	15.26	16.60
100	PI/2 BPSK	135	138	15.31	15.34	15.30	16.60
100	PI/2 BPSK	270	0	15.48	15.43	15.28	16.60
100	QPSK	1	1	15.36	15.56	15.31	16.60
100	QPSK	1	137	15.27	15.43	15.29	16.60
100	QPSK	1	271	15.43	15.39	15.46	16.60
100	QPSK	135	0	15.32	15.51	15.50	16.60
100	QPSK	135	69	15.39	15.56	15.42	16.60
100	QPSK	135	138	15.30	15.36	15.28	16.60
100	QPSK	270	0	15.48	15.34	15.29	16.60
100	16QAM	1	1	15.31	15.45	15.49	16.60
100	64QAM	1	1	15.48	15.33	15.41	16.60
100	256QAM	1	1	15.45	15.34	15.43	16.60
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	15.43	15.47	15.37	16.60
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	15.36	15.42	15.35	16.60
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	15.43	15.44	15.39	16.60
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	15.43	15.51	15.36	16.60
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	15.37	15.52	15.40	16.60
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	15.44	15.42	15.34	16.60
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	15.37	15.49	15.43	16.60
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	15.43	15.46	15.44	16.60
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	15.35	15.47	15.35	16.60
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	15.44	15.40	15.39	16.60
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	15.39	15.52	15.36	16.60
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	15.46	15.45	15.36	16.60
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	15.34	15.50	15.34	16.60

**【FR1 n41__FCC_Ant 3_DSI 3】**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	19.96	20.08	19.89	20.90
100	PI/2 BPSK	1	137	19.98	19.87	19.92	20.90
100	PI/2 BPSK	1	271	19.90	19.96	19.87	20.90
100	PI/2 BPSK	135	0	19.85	19.88	19.91	20.90
100	PI/2 BPSK	135	69	19.88	19.99	19.94	20.90
100	PI/2 BPSK	135	138	19.88	19.96	19.94	20.90
100	PI/2 BPSK	270	0	19.88	20.05	19.92	20.90
100	QPSK	1	1	19.84	19.94	20.04	20.90
100	QPSK	1	137	20.05	20.00	19.89	20.90
100	QPSK	1	271	19.95	19.94	19.93	20.90
100	QPSK	135	0	19.88	19.87	19.86	20.90
100	QPSK	135	69	19.97	19.90	20.02	20.90
100	QPSK	135	138	19.99	19.92	19.99	20.90
100	QPSK	270	0	19.95	19.89	19.84	20.90
100	16QAM	1	1	19.91	20.02	19.92	20.90
100	64QAM	1	1	20.00	19.85	19.93	20.90
100	256QAM	1	1	18.50	18.56	18.53	19.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	19.86	20.06	19.75	20.90
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	19.92	19.95	19.83	20.90
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	19.86	19.95	19.83	20.90
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	19.90	19.98	19.86	20.90
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	19.93	20.07	19.83	20.90
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	19.86	20.04	19.77	20.90
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	19.90	19.98	19.81	20.90
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	19.85	19.96	19.82	20.90
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	19.82	19.97	19.75	20.90
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	19.87	20.03	19.84	20.90
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	19.82	20.03	19.81	20.90
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	19.83	19.97	19.81	20.90
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	19.91	20.03	19.81	20.90



【FR1 n41__FCC_Ant 3_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	21.43	21.48	21.45	22.40
100	PI/2 BPSK	1	137	21.22	21.36	21.41	22.40
100	PI/2 BPSK	1	271	21.29	21.19	21.24	22.40
100	PI/2 BPSK	135	0	21.30	21.36	21.41	22.40
100	PI/2 BPSK	135	69	21.32	21.39	21.25	22.40
100	PI/2 BPSK	135	138	21.21	21.21	21.19	22.40
100	PI/2 BPSK	270	0	21.19	21.27	21.21	22.40
100	QPSK	1	1	21.28	21.20	21.29	22.40
100	QPSK	1	137	21.24	21.25	21.31	22.40
100	QPSK	1	271	21.31	21.24	21.41	22.40
100	QPSK	135	0	21.35	21.30	21.28	22.40
100	QPSK	135	69	21.27	21.24	21.24	22.40
100	QPSK	135	138	21.30	21.23	21.19	22.40
100	QPSK	270	0	21.24	21.32	21.24	22.40
100	16QAM	1	1	21.28	21.36	21.24	22.40
100	64QAM	1	1	20.25	20.26	20.28	21.50
100	256QAM	1	1	17.53	17.52	17.51	19.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	21.39	21.39	21.41	22.40
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	21.34	21.40	21.31	22.40
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	21.32	21.33	21.32	22.40
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	21.29	21.40	21.31	22.40
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	21.41	21.37	21.40	22.40
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	21.29	21.36	21.36	22.40
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	21.32	21.45	21.33	22.40
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	21.31	21.39	21.36	22.40
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	21.30	21.45	21.33	22.40
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	21.39	21.42	21.37	22.40
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	21.40	21.46	21.40	22.40
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	21.32	21.37	21.36	22.40
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	21.34	21.43	21.33	22.40



【FR1 n41__FCC_Ant 3_DSI 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	18.91	18.99	18.93	20.30
100	PI/2 BPSK	1	137	18.78	18.71	18.76	20.30
100	PI/2 BPSK	1	271	18.58	18.76	18.82	20.30
100	PI/2 BPSK	135	0	18.65	18.63	18.58	20.30
100	PI/2 BPSK	135	69	18.77	18.95	18.77	20.30
100	PI/2 BPSK	135	138	18.59	18.75	18.71	20.30
100	PI/2 BPSK	270	0	18.82	18.61	18.72	20.30
100	QPSK	1	1	18.74	18.70	18.63	20.30
100	QPSK	1	137	18.75	18.72	18.59	20.30
100	QPSK	1	271	18.66	18.64	18.76	20.30
100	QPSK	135	0	18.79	18.58	18.76	20.30
100	QPSK	135	69	18.69	18.59	18.60	20.30
100	QPSK	135	138	18.61	18.71	18.71	20.30
100	QPSK	270	0	18.70	18.63	18.78	20.30
100	16QAM	1	1	18.80	18.79	18.71	20.30
100	64QAM	1	1	18.67	18.66	18.76	20.30
100	256QAM	1	1	17.73	17.71	17.75	19.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	18.88	18.89	18.91	20.30
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	18.85	18.88	18.82	20.30
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	18.84	18.91	18.80	20.30
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	18.80	18.87	18.91	20.30
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	18.84	18.87	18.83	20.30
Channel				503700	518598	533496	Tune-up limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	18.79	18.84	18.84	20.30
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	18.88	18.96	18.90	20.30
Channel				502704	518598	534498	Tune-up limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	18.89	18.86	18.86	20.30
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	18.87	18.91	18.79	20.30
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	18.80	18.95	18.85	20.30
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	18.77	18.86	18.87	20.30
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	18.76	18.86	18.83	20.30
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	18.87	18.98	18.91	20.30