

15	16QAM	75	0	22.36	22.51	22.09	22.35	22.32	23.00
15	64QAM	1	0	22.14	22.30	21.92	22.28	22.18	23.00
15	64QAM	1	37	22.30	22.45	22.09	22.14	22.25	23.00
15	64QAM	1	74	22.31	22.48	22.08	22.28	22.12	23.00
15	64QAM	36	0	21.35	21.30	21.11	21.27	21.34	22.00
15	64QAM	36	20	21.27	21.41	21.06	21.32	21.24	22.00
15	64QAM	36	39	21.20	21.41	21.25	21.35	21.37	22.00
15	64QAM	75	0	21.29	21.54	21.17	21.22	21.33	22.00
15	256QAM	1	0	19.03	19.18	18.73	19.04	19.00	20.00
15	256QAM	1	37	19.03	19.21	18.88	19.03	18.96	20.00
15	256QAM	1	74	19.26	19.38	19.04	19.03	19.08	20.00
15	256QAM	36	0	19.27	19.35	19.06	19.27	19.28	20.00
15	256QAM	36	20	19.23	19.38	19.19	19.35	19.19	20.00
15	256QAM	36	39	19.26	19.36	19.15	19.32	19.27	20.00
15	256QAM	75	0	19.42	19.45	19.22	19.41	19.44	20.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	23.64	23.72	23.50	23.81	23.65	24.00
10	QPSK	1	25	23.45	23.63	23.27	23.47	23.60	24.00
10	QPSK	1	49	23.59	23.70	23.31	23.49	23.43	24.00
10	QPSK	25	0	23.38	23.36	23.17	23.43	23.23	24.00
10	QPSK	25	12	23.21	23.33	22.99	23.18	23.20	24.00
10	QPSK	25	25	23.39	23.23	23.16	23.34	23.30	24.00
10	QPSK	50	0	23.30	23.28	23.10	23.29	23.16	24.00
10	16QAM	1	0	22.78	23.09	22.75	22.90	22.92	24.00
10	16QAM	1	25	23.04	23.04	22.76	23.07	22.98	24.00
10	16QAM	1	49	22.95	23.09	22.78	23.06	22.91	24.00
10	16QAM	25	0	22.15	22.36	22.00	22.19	22.28	23.00
10	16QAM	25	12	22.20	22.35	22.05	22.10	22.23	23.00
10	16QAM	25	25	22.30	22.41	22.06	22.32	22.26	23.00
10	16QAM	50	0	22.39	22.52	22.07	22.28	22.26	23.00
10	64QAM	1	0	22.15	22.29	21.98	22.24	22.18	23.00
10	64QAM	1	25	22.30	22.44	22.00	22.12	22.14	23.00
10	64QAM	1	49	22.27	22.38	22.09	22.32	22.19	23.00
10	64QAM	25	0	21.35	21.28	21.09	21.27	21.28	22.00
10	64QAM	25	12	21.19	21.32	21.17	21.33	21.26	22.00
10	64QAM	25	25	21.24	21.38	21.22	21.32	21.33	22.00
10	64QAM	50	0	21.37	21.49	21.12	21.31	21.30	22.00
10	256QAM	1	0	19.08	19.17	18.74	19.04	18.97	20.00
10	256QAM	1	25	19.05	19.11	18.79	18.95	18.99	20.00
10	256QAM	1	49	19.24	19.32	19.02	19.04	19.08	20.00
10	256QAM	25	0	19.16	19.38	19.09	19.25	19.19	20.00
10	256QAM	25	12	19.27	19.38	19.06	19.36	19.26	20.00
10	256QAM	25	25	19.32	19.37	19.29	19.35	19.21	20.00
10	256QAM	50	0	19.39	19.44	19.18	19.37	19.45	20.00
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	23.59	23.73	23.49	23.88	23.61	24.00
5	QPSK	1	12	23.45	23.59	23.37	23.42	23.55	24.00
5	QPSK	1	24	23.65	23.60	23.30	23.57	23.52	24.00
5	QPSK	12	0	23.26	23.34	23.16	23.33	23.21	24.00
5	QPSK	12	7	23.31	23.26	23.04	23.28	23.25	24.00
5	QPSK	12	13	23.26	23.26	23.11	23.26	23.29	24.00
5	QPSK	25	0	23.35	23.34	23.07	23.26	23.20	24.00
5	16QAM	1	0	22.86	23.07	22.72	22.86	23.05	24.00
5	16QAM	1	12	23.09	23.03	22.80	23.05	23.00	24.00
5	16QAM	1	24	23.01	23.08	22.78	23.02	22.92	24.00
5	16QAM	12	0	22.19	22.33	21.94	22.23	22.33	23.00
5	16QAM	12	7	22.22	22.29	22.08	22.22	22.24	23.00
5	16QAM	12	13	22.28	22.46	22.09	22.31	22.25	23.00
5	16QAM	25	0	22.37	22.49	22.16	22.30	22.30	23.00
5	64QAM	1	0	22.13	22.28	22.03	22.24	22.17	23.00
5	64QAM	1	12	22.32	22.36	22.11	22.16	22.14	23.00
5	64QAM	1	24	22.24	22.47	22.10	22.32	22.18	23.00
5	64QAM	12	0	21.36	21.37	21.09	21.28	21.35	22.00
5	64QAM	12	7	21.20	21.35	21.15	21.28	21.29	22.00
5	64QAM	12	13	21.25	21.36	21.14	21.39	21.26	22.00
5	64QAM	25	0	21.30	21.55	21.12	21.26	21.38	22.00
5	256QAM	1	0	18.98	19.09	18.79	19.04	18.90	20.00
5	256QAM	1	12	18.98	19.17	18.85	18.98	18.95	20.00
5	256QAM	1	24	19.28	19.34	19.10	19.13	19.18	20.00
5	256QAM	12	0	19.20	19.39	19.06	19.23	19.18	20.00
5	256QAM	12	7	19.35	19.45	19.07	19.27	19.23	20.00
5	256QAM	12	13	19.31	19.37	19.26	19.35	19.23	20.00
5	256QAM	25	0	19.34	19.52	19.15	19.38	19.41	20.00

【LTE Band 41 FCC (2496~2690MHz) Ant 5_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	24.81	24.86	24.72	24.89	24.88	25.00
20	QPSK	1	49	24.70	24.85	24.55	24.64	24.76	25.00
20	QPSK	1	99	24.80	24.86	24.57	24.74	24.72	25.00
20	QPSK	50	0	23.54	23.55	23.35	23.57	23.44	24.00
20	QPSK	50	24	23.52	23.48	23.27	23.49	23.49	24.00
20	QPSK	50	50	23.51	23.50	23.36	23.55	23.47	24.00
20	QPSK	100	0	23.51	23.56	23.30	23.57	23.48	24.00
20	16QAM	1	0	23.09	23.26	22.99	23.07	23.17	24.00
20	16QAM	1	49	23.21	23.37	23.07	23.19	23.20	24.00
20	16QAM	1	99	23.20	23.34	23.03	23.24	23.16	24.00
20	16QAM	50	0	22.39	22.58	22.24	22.44	22.47	23.00
20	16QAM	50	24	22.44	22.58	22.33	22.38	22.50	23.00
20	16QAM	50	50	22.48	22.64	22.29	22.50	22.52	23.00
20	16QAM	100	0	22.58	22.69	22.34	22.54	22.60	23.00
20	64QAM	1	0	22.38	22.54	22.25	22.43	22.39	23.00
20	64QAM	1	49	22.55	22.62	22.30	22.42	22.47	23.00
20	64QAM	1	99	22.47	22.65	22.36	22.53	22.44	23.00
20	64QAM	50	0	21.51	21.60	21.36	21.52	21.49	22.00
20	64QAM	50	24	21.52	21.59	21.37	21.45	21.47	22.00
20	64QAM	50	50	21.52	21.66	21.41	21.59	21.56	22.00
20	64QAM	100	0	21.53	21.67	21.41	21.52	21.58	22.00
20	256QAM	1	0	19.22	19.31	19.02	19.22	19.19	20.00
20	256QAM	1	49	19.27	19.35	19.04	19.20	19.23	20.00
20	256QAM	1	99	19.42	19.52	19.31	19.37	19.40	20.00
20	256QAM	50	0	19.48	19.60	19.40	19.42	19.49	20.00
20	256QAM	50	24	19.56	19.61	19.36	19.50	19.47	20.00
20	256QAM	50	50	19.56	19.66	19.43	19.50	19.48	20.00
20	256QAM	100	0	19.61	19.72	19.45	19.65	19.60	20.00
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	24.85	24.89	24.67	24.77	24.82	25.00
15	QPSK	1	37	24.57	24.70	24.47	24.57	24.62	25.00
15	QPSK	1	74	24.68	24.83	24.48	24.64	24.63	25.00
15	QPSK	36	0	23.50	23.64	23.25	23.40	23.30	24.00
15	QPSK	36	20	23.38	23.51	23.24	23.32	23.44	24.00
15	QPSK	36	39	23.38	23.51	23.22	23.35	23.40	24.00
15	QPSK	75	0	23.55	23.52	23.26	23.32	23.34	24.00
15	16QAM	1	0	23.06	23.22	22.96	22.95	23.04	24.00
15	16QAM	1	37	23.15	23.23	23.01	23.14	23.15	24.00
15	16QAM	1	74	23.14	23.20	22.96	23.21	23.10	24.00
15	16QAM	36	0	22.25	22.49	22.20	22.34	22.34	23.00
15	16QAM	36	20	22.40	22.48	22.23	22.32	22.37	23.00
15	16QAM	36	39	22.39	22.50	22.21	22.40	22.38	23.00
15	16QAM	75	0	22.45	22.56	22.28	22.43	22.54	23.00
15	64QAM	1	0	22.30	22.48	22.21	22.31	22.32	23.00
15	64QAM	1	37	22.48	22.53	22.27	22.29	22.37	23.00
15	64QAM	1	74	22.45	22.58	22.34	22.45	22.38	23.00
15	64QAM	36	0	21.48	21.55	21.34	21.49	21.44	22.00
15	64QAM	36	20	21.49	21.57	21.31	21.36	21.32	22.00
15	64QAM	36	39	21.43	21.51	21.33	21.51	21.46	22.00
15	64QAM	75	0	21.42	21.61	21.26	21.43	21.55	22.00
15	256QAM	1	0	19.14	19.24	18.96	19.18	19.10	20.00
15	256QAM	1	37	19.18	19.28	18.98	19.15	19.16	20.00
15	256QAM	1	74	19.30	19.45	19.23	19.24	19.36	20.00
15	256QAM	36	0	19.37	19.51	19.36	19.36	19.41	20.00
15	256QAM	36	20	19.47	19.56	19.27	19.36	19.40	20.00
15	256QAM	36	39	19.47	19.57	19.34	19.42	19.36	20.00
15	256QAM	75	0	19.56	19.58	19.31	19.53	19.53	20.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	24.88	24.88	24.59	24.76	24.87	25.00
10	QPSK	1	25	24.66	24.78	24.54	24.53	24.62	25.00
10	QPSK	1	49	24.72	24.79	24.54	24.60	24.61	25.00
10	QPSK	25	0	23.43	23.63	23.29	23.32	23.32	24.00
10	QPSK	25	12	23.42	23.52	23.17	23.29	23.36	24.00
10	QPSK	25	25	23.37	23.52	23.23	23.42	23.41	24.00
10	QPSK	50	0	23.48	23.62	23.27	23.34	23.36	24.00
10	16QAM	1	0	23.02	23.17	22.92	23.00	23.12	24.00
10	16QAM	1	25	23.13	23.23	23.01	23.07	23.08	24.00

10	16QAM	1	49	23.13	23.26	22.91	23.23	23.04	24.00
10	16QAM	25	0	22.28	22.49	22.16	22.29	22.36	23.00
10	16QAM	25	12	22.39	22.55	22.21	22.28	22.43	23.00
10	16QAM	25	25	22.33	22.56	22.20	22.46	22.41	23.00
10	16QAM	50	0	22.46	22.62	22.27	22.46	22.58	23.00
10	64QAM	1	0	22.29	22.43	22.22	22.29	22.34	23.00
10	64QAM	1	25	22.42	22.59	22.28	22.32	22.43	23.00
10	64QAM	1	49	22.40	22.56	22.23	22.42	22.34	23.00
10	64QAM	25	0	21.40	21.48	21.23	21.46	21.36	22.00
10	64QAM	25	12	21.39	21.45	21.27	21.31	21.33	22.00
10	64QAM	25	25	21.49	21.61	21.26	21.50	21.50	22.00
10	64QAM	50	0	21.41	21.54	21.39	21.42	21.51	22.00
10	256QAM	1	0	19.20	19.27	18.91	19.20	19.10	20.00
10	256QAM	1	25	19.20	19.34	19.03	19.12	19.08	20.00
10	256QAM	1	49	19.31	19.50	19.17	19.26	19.38	20.00
10	256QAM	25	0	19.43	19.52	19.29	19.37	19.34	20.00
10	256QAM	25	12	19.49	19.47	19.32	19.41	19.32	20.00
10	256QAM	25	25	19.54	19.58	19.32	19.47	19.46	20.00
10	256QAM	50	0	19.53	19.63	19.41	19.53	19.52	20.00
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	24.77	24.82	24.68	24.77	24.76	25.00
5	QPSK	1	12	24.64	24.75	24.49	24.59	24.69	25.00
5	QPSK	1	24	24.77	24.76	24.50	24.63	24.65	25.00
5	QPSK	12	0	23.42	23.53	23.32	23.38	23.29	24.00
5	QPSK	12	7	23.51	23.46	23.21	23.36	23.48	24.00
5	QPSK	12	13	23.37	23.53	23.33	23.36	23.46	24.00
5	QPSK	25	0	23.48	23.52	23.26	23.33	23.39	24.00
5	16QAM	1	0	22.99	23.17	22.87	23.03	23.08	24.00
5	16QAM	1	12	23.15	23.30	22.99	23.13	23.16	24.00
5	16QAM	1	24	23.13	23.32	22.91	23.11	23.05	24.00
5	16QAM	12	0	22.31	22.52	22.13	22.33	22.38	23.00
5	16QAM	12	7	22.35	22.43	22.24	22.27	22.45	23.00
5	16QAM	12	13	22.46	22.49	22.16	22.47	22.39	23.00
5	16QAM	25	0	22.53	22.64	22.27	22.47	22.59	23.00
5	64QAM	1	0	22.35	22.41	22.10	22.32	22.36	23.00
5	64QAM	1	12	22.50	22.54	22.21	22.40	22.41	23.00
5	64QAM	1	24	22.43	22.51	22.23	22.51	22.41	23.00
5	64QAM	12	0	21.37	21.57	21.32	21.39	21.44	22.00
5	64QAM	12	7	21.48	21.48	21.28	21.43	21.46	22.00
5	64QAM	12	13	21.49	21.53	21.33	21.52	21.55	22.00
5	64QAM	25	0	21.48	21.65	21.40	21.49	21.52	22.00
5	256QAM	1	0	19.17	19.26	19.01	19.18	19.17	20.00
5	256QAM	1	12	19.16	19.26	18.94	19.12	19.18	20.00
5	256QAM	1	24	19.30	19.44	19.22	19.31	19.33	20.00
5	256QAM	12	0	19.44	19.53	19.25	19.40	19.35	20.00
5	256QAM	12	7	19.42	19.52	19.28	19.46	19.43	20.00
5	256QAM	12	13	19.54	19.59	19.30	19.37	19.42	20.00
5	256QAM	25	0	19.49	19.63	19.36	19.51	19.48	20.00

【LTE Band 41 _ FCC (2496~2690MHz) _ Ant 5 _ DSI 1】

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	24.81	24.86	24.72	24.89	24.88	25.00
20	QPSK	1	49	24.70	24.85	24.55	24.64	24.76	25.00
20	QPSK	1	99	24.80	24.86	24.57	24.74	24.72	25.00
20	QPSK	50	0	23.54	23.55	23.35	23.57	23.44	24.00
20	QPSK	50	24	23.52	23.48	23.27	23.49	23.49	24.00
20	QPSK	50	50	23.51	23.50	23.36	23.55	23.47	24.00
20	QPSK	100	0	23.51	23.56	23.30	23.57	23.48	24.00
20	16QAM	1	0	23.09	23.26	22.99	23.07	23.17	24.00
20	16QAM	1	49	23.21	23.37	23.07	23.19	23.20	24.00
20	16QAM	1	99	23.20	23.34	23.03	23.24	23.16	24.00
20	16QAM	50	0	22.39	22.58	22.24	22.44	22.47	23.00
20	16QAM	50	24	22.44	22.58	22.33	22.38	22.50	23.00
20	16QAM	50	50	22.48	22.64	22.29	22.50	22.52	23.00
20	16QAM	100	0	22.58	22.69	22.34	22.54	22.60	23.00
20	64QAM	1	0	22.38	22.54	22.25	22.43	22.39	23.00
20	64QAM	1	49	22.55	22.62	22.30	22.42	22.47	23.00
20	64QAM	1	99	22.47	22.65	22.36	22.53	22.44	23.00

20	64QAM	50	0	21.51	21.60	21.36	21.52	21.49	22.00
20	64QAM	50	24	21.52	21.59	21.37	21.45	21.47	22.00
20	64QAM	50	50	21.52	21.66	21.41	21.59	21.56	22.00
20	64QAM	100	0	21.53	21.67	21.41	21.52	21.58	22.00
20	256QAM	1	0	19.22	19.31	19.02	19.22	19.19	20.00
20	256QAM	1	49	19.27	19.35	19.04	19.20	19.23	20.00
20	256QAM	1	99	19.42	19.52	19.31	19.37	19.40	20.00
20	256QAM	50	0	19.48	19.60	19.40	19.42	19.49	20.00
20	256QAM	50	24	19.56	19.61	19.36	19.50	19.47	20.00
20	256QAM	50	50	19.56	19.66	19.43	19.50	19.48	20.00
20	256QAM	100	0	19.61	19.72	19.45	19.65	19.60	20.00
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	24.85	24.89	24.67	24.77	24.82	25.00
15	QPSK	1	37	24.57	24.70	24.47	24.57	24.62	25.00
15	QPSK	1	74	24.68	24.83	24.48	24.64	24.63	25.00
15	QPSK	36	0	23.50	23.64	23.25	23.40	23.30	24.00
15	QPSK	36	20	23.38	23.51	23.24	23.32	23.44	24.00
15	QPSK	36	39	23.38	23.51	23.22	23.35	23.40	24.00
15	QPSK	75	0	23.55	23.52	23.26	23.32	23.34	24.00
15	16QAM	1	0	23.06	23.22	22.96	22.95	23.04	24.00
15	16QAM	1	37	23.15	23.23	23.01	23.14	23.15	24.00
15	16QAM	1	74	23.14	23.20	22.96	23.21	23.10	24.00
15	16QAM	36	0	22.25	22.49	22.20	22.34	22.34	23.00
15	16QAM	36	20	22.40	22.48	22.23	22.32	22.37	23.00
15	16QAM	36	39	22.39	22.50	22.21	22.40	22.38	23.00
15	16QAM	75	0	22.45	22.56	22.28	22.43	22.54	23.00
15	64QAM	1	0	22.30	22.48	22.21	22.31	22.32	23.00
15	64QAM	1	37	22.48	22.53	22.27	22.29	22.37	23.00
15	64QAM	1	74	22.45	22.58	22.34	22.45	22.38	23.00
15	64QAM	36	0	21.48	21.55	21.34	21.49	21.44	22.00
15	64QAM	36	20	21.49	21.57	21.31	21.36	21.32	22.00
15	64QAM	36	39	21.43	21.51	21.33	21.51	21.46	22.00
15	64QAM	75	0	21.42	21.61	21.26	21.43	21.55	22.00
15	256QAM	1	0	19.14	19.24	18.96	19.18	19.10	20.00
15	256QAM	1	37	19.18	19.28	18.98	19.15	19.16	20.00
15	256QAM	1	74	19.30	19.45	19.23	19.24	19.36	20.00
15	256QAM	36	0	19.37	19.51	19.36	19.36	19.41	20.00
15	256QAM	36	20	19.47	19.56	19.27	19.36	19.40	20.00
15	256QAM	36	39	19.47	19.57	19.34	19.42	19.36	20.00
15	256QAM	75	0	19.56	19.58	19.31	19.53	19.53	20.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	24.88	24.88	24.59	24.76	24.87	25.00
10	QPSK	1	25	24.66	24.78	24.54	24.53	24.62	25.00
10	QPSK	1	49	24.72	24.79	24.54	24.60	24.61	25.00
10	QPSK	25	0	23.43	23.63	23.29	23.32	23.32	24.00
10	QPSK	25	12	23.42	23.52	23.17	23.29	23.36	24.00
10	QPSK	25	25	23.37	23.52	23.23	23.42	23.41	24.00
10	QPSK	50	0	23.48	23.62	23.27	23.34	23.36	24.00
10	16QAM	1	0	23.02	23.17	22.92	23.00	23.12	24.00
10	16QAM	1	25	23.13	23.23	23.01	23.07	23.08	24.00
10	16QAM	1	49	23.13	23.26	22.91	23.23	23.04	24.00
10	16QAM	25	0	22.28	22.49	22.16	22.29	22.36	23.00
10	16QAM	25	12	22.39	22.55	22.21	22.28	22.43	23.00
10	16QAM	25	25	22.33	22.56	22.20	22.46	22.41	23.00
10	16QAM	50	0	22.46	22.62	22.27	22.46	22.58	23.00
10	64QAM	1	0	22.29	22.43	22.22	22.29	22.34	23.00
10	64QAM	1	25	22.42	22.59	22.28	22.32	22.43	23.00
10	64QAM	1	49	22.40	22.56	22.23	22.42	22.34	23.00
10	64QAM	25	0	21.40	21.48	21.23	21.46	21.36	22.00
10	64QAM	25	12	21.39	21.45	21.27	21.31	21.33	22.00
10	64QAM	25	25	21.49	21.61	21.26	21.50	21.50	22.00
10	64QAM	50	0	21.41	21.54	21.39	21.42	21.51	22.00
10	256QAM	1	0	19.20	19.27	18.91	19.20	19.10	20.00
10	256QAM	1	25	19.20	19.34	19.03	19.12	19.08	20.00
10	256QAM	1	49	19.31	19.50	19.17	19.26	19.38	20.00
10	256QAM	25	0	19.43	19.52	19.29	19.37	19.34	20.00
10	256QAM	25	12	19.49	19.47	19.32	19.41	19.32	20.00
10	256QAM	25	25	19.54	19.58	19.32	19.47	19.46	20.00
10	256QAM	50	0	19.53	19.63	19.41	19.53	19.52	20.00
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	24.77	24.82	24.68	24.77	24.76	25.00
5	QPSK	1	12	24.64	24.75	24.49	24.59	24.69	25.00

5	QPSK	1	24	24.77	24.76	24.50	24.63	24.65	25.00
5	QPSK	12	0	23.42	23.53	23.32	23.38	23.29	24.00
5	QPSK	12	7	23.51	23.46	23.21	23.36	23.48	24.00
5	QPSK	12	13	23.37	23.53	23.33	23.36	23.46	24.00
5	QPSK	25	0	23.48	23.52	23.26	23.33	23.39	24.00
5	16QAM	1	0	22.99	23.17	22.87	23.03	23.08	24.00
5	16QAM	1	12	23.15	23.30	22.99	23.13	23.16	24.00
5	16QAM	1	24	23.13	23.32	22.91	23.11	23.05	24.00
5	16QAM	12	0	22.31	22.52	22.13	22.33	22.38	23.00
5	16QAM	12	7	22.35	22.43	22.24	22.27	22.45	23.00
5	16QAM	12	13	22.46	22.49	22.16	22.47	22.39	23.00
5	16QAM	25	0	22.53	22.64	22.27	22.47	22.59	23.00
5	64QAM	1	0	22.35	22.41	22.10	22.32	22.36	23.00
5	64QAM	1	12	22.50	22.54	22.21	22.40	22.41	23.00
5	64QAM	1	24	22.43	22.51	22.23	22.51	22.41	23.00
5	64QAM	12	0	21.37	21.57	21.32	21.39	21.44	22.00
5	64QAM	12	7	21.48	21.48	21.28	21.43	21.46	22.00
5	64QAM	12	13	21.49	21.53	21.33	21.52	21.55	22.00
5	64QAM	25	0	21.48	21.65	21.40	21.49	21.52	22.00
5	256QAM	1	0	19.17	19.26	19.01	19.18	19.17	20.00
5	256QAM	1	12	19.16	19.26	18.94	19.12	19.18	20.00
5	256QAM	1	24	19.30	19.44	19.22	19.31	19.33	20.00
5	256QAM	12	0	19.44	19.53	19.25	19.40	19.35	20.00
5	256QAM	12	7	19.42	19.52	19.28	19.46	19.43	20.00
5	256QAM	12	13	19.54	19.59	19.30	19.37	19.42	20.00
5	256QAM	25	0	19.49	19.63	19.36	19.51	19.48	20.00

【LTE Band 41_FCC (2496~2690MHz)_Ant 5_DSI 4】

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	24.81	24.86	24.72	24.89	24.88	25.00
20	QPSK	1	49	24.70	24.85	24.55	24.64	24.76	25.00
20	QPSK	1	99	24.80	24.86	24.57	24.74	24.72	25.00
20	QPSK	50	0	23.54	23.55	23.35	23.57	23.44	24.00
20	QPSK	50	24	23.52	23.48	23.27	23.49	23.49	24.00
20	QPSK	50	50	23.51	23.50	23.36	23.55	23.47	24.00
20	QPSK	100	0	23.51	23.56	23.30	23.57	23.48	24.00
20	16QAM	1	0	23.09	23.26	22.99	23.07	23.17	24.00
20	16QAM	1	49	23.21	23.37	23.07	23.19	23.20	24.00
20	16QAM	1	99	23.20	23.34	23.03	23.24	23.16	24.00
20	16QAM	50	0	22.39	22.58	22.24	22.44	22.47	23.00
20	16QAM	50	24	22.44	22.58	22.33	22.38	22.50	23.00
20	16QAM	50	50	22.48	22.64	22.29	22.50	22.52	23.00
20	16QAM	100	0	22.58	22.69	22.34	22.54	22.60	23.00
20	64QAM	1	0	22.38	22.54	22.25	22.43	22.39	23.00
20	64QAM	1	49	22.55	22.62	22.30	22.42	22.47	23.00
20	64QAM	1	99	22.47	22.65	22.36	22.53	22.44	23.00
20	64QAM	50	0	21.51	21.60	21.36	21.52	21.49	22.00
20	64QAM	50	24	21.52	21.59	21.37	21.45	21.47	22.00
20	64QAM	50	50	21.52	21.66	21.41	21.59	21.56	22.00
20	64QAM	100	0	21.53	21.67	21.41	21.52	21.58	22.00
20	256QAM	1	0	19.22	19.31	19.02	19.22	19.19	20.00
20	256QAM	1	49	19.27	19.35	19.04	19.20	19.23	20.00
20	256QAM	1	99	19.42	19.52	19.31	19.37	19.40	20.00
20	256QAM	50	0	19.48	19.60	19.40	19.42	19.49	20.00
20	256QAM	50	24	19.56	19.61	19.36	19.50	19.47	20.00
20	256QAM	50	50	19.56	19.66	19.43	19.50	19.48	20.00
20	256QAM	100	0	19.61	19.72	19.45	19.65	19.60	20.00
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	24.85	24.89	24.67	24.77	24.82	25.00
15	QPSK	1	37	24.57	24.70	24.47	24.57	24.62	25.00
15	QPSK	1	74	24.68	24.83	24.48	24.64	24.63	25.00
15	QPSK	36	0	23.50	23.64	23.25	23.40	23.30	24.00
15	QPSK	36	20	23.38	23.51	23.24	23.32	23.44	24.00
15	QPSK	36	39	23.38	23.51	23.22	23.35	23.40	24.00
15	QPSK	75	0	23.55	23.52	23.26	23.32	23.34	24.00
15	16QAM	1	0	23.06	23.22	22.96	22.95	23.04	24.00
15	16QAM	1	37	23.15	23.23	23.01	23.14	23.15	24.00
15	16QAM	1	74	23.14	23.20	22.96	23.21	23.10	24.00

15	16QAM	36	0	22.25	22.49	22.20	22.34	22.34	23.00
15	16QAM	36	20	22.40	22.48	22.23	22.32	22.37	23.00
15	16QAM	36	39	22.39	22.50	22.21	22.40	22.38	23.00
15	16QAM	75	0	22.45	22.56	22.28	22.43	22.54	23.00
15	64QAM	1	0	22.30	22.48	22.21	22.31	22.32	23.00
15	64QAM	1	37	22.48	22.53	22.27	22.29	22.37	23.00
15	64QAM	1	74	22.45	22.58	22.34	22.45	22.38	23.00
15	64QAM	36	0	21.48	21.55	21.34	21.49	21.44	22.00
15	64QAM	36	20	21.49	21.57	21.31	21.36	21.32	22.00
15	64QAM	36	39	21.43	21.51	21.33	21.51	21.46	22.00
15	64QAM	75	0	21.42	21.61	21.26	21.43	21.55	22.00
15	256QAM	1	0	19.14	19.24	18.96	19.18	19.10	20.00
15	256QAM	1	37	19.18	19.28	18.98	19.15	19.16	20.00
15	256QAM	1	74	19.30	19.45	19.23	19.24	19.36	20.00
15	256QAM	36	0	19.37	19.51	19.36	19.36	19.41	20.00
15	256QAM	36	20	19.47	19.56	19.27	19.36	19.40	20.00
15	256QAM	36	39	19.47	19.57	19.34	19.42	19.36	20.00
15	256QAM	75	0	19.56	19.58	19.31	19.53	19.53	20.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	24.88	24.88	24.59	24.76	24.87	25.00
10	QPSK	1	25	24.66	24.78	24.54	24.53	24.62	25.00
10	QPSK	1	49	24.72	24.79	24.54	24.60	24.61	25.00
10	QPSK	25	0	23.43	23.63	23.29	23.32	23.32	24.00
10	QPSK	25	12	23.42	23.52	23.17	23.29	23.36	24.00
10	QPSK	25	25	23.37	23.52	23.23	23.42	23.41	24.00
10	QPSK	50	0	23.48	23.62	23.27	23.34	23.36	24.00
10	16QAM	1	0	23.02	23.17	22.92	23.00	23.12	24.00
10	16QAM	1	25	23.13	23.23	23.01	23.07	23.08	24.00
10	16QAM	1	49	23.13	23.26	22.91	23.23	23.04	24.00
10	16QAM	25	0	22.28	22.49	22.16	22.29	22.36	23.00
10	16QAM	25	12	22.39	22.55	22.21	22.28	22.43	23.00
10	16QAM	25	25	22.33	22.56	22.20	22.46	22.41	23.00
10	16QAM	50	0	22.46	22.62	22.27	22.46	22.58	23.00
10	64QAM	1	0	22.29	22.43	22.22	22.29	22.34	23.00
10	64QAM	1	25	22.42	22.59	22.28	22.32	22.43	23.00
10	64QAM	1	49	22.40	22.56	22.23	22.42	22.34	23.00
10	64QAM	25	0	21.40	21.48	21.23	21.46	21.36	22.00
10	64QAM	25	12	21.39	21.45	21.27	21.31	21.33	22.00
10	64QAM	25	25	21.49	21.61	21.26	21.50	21.50	22.00
10	64QAM	50	0	21.41	21.54	21.39	21.42	21.51	22.00
10	256QAM	1	0	19.20	19.27	18.91	19.20	19.10	20.00
10	256QAM	1	25	19.20	19.34	19.03	19.12	19.08	20.00
10	256QAM	1	49	19.31	19.50	19.17	19.26	19.38	20.00
10	256QAM	25	0	19.43	19.52	19.29	19.37	19.34	20.00
10	256QAM	25	12	19.49	19.47	19.32	19.41	19.32	20.00
10	256QAM	25	25	19.54	19.58	19.32	19.47	19.46	20.00
10	256QAM	50	0	19.53	19.63	19.41	19.53	19.52	20.00
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	24.77	24.82	24.68	24.77	24.76	25.00
5	QPSK	1	12	24.64	24.75	24.49	24.59	24.69	25.00
5	QPSK	1	24	24.77	24.76	24.50	24.63	24.65	25.00
5	QPSK	12	0	23.42	23.53	23.32	23.38	23.29	24.00
5	QPSK	12	7	23.51	23.46	23.21	23.36	23.48	24.00
5	QPSK	12	13	23.37	23.53	23.33	23.36	23.46	24.00
5	QPSK	25	0	23.48	23.52	23.26	23.33	23.39	24.00
5	16QAM	1	0	22.99	23.17	22.87	23.03	23.08	24.00
5	16QAM	1	12	23.15	23.30	22.99	23.13	23.16	24.00
5	16QAM	1	24	23.13	23.32	22.91	23.11	23.05	24.00
5	16QAM	12	0	22.31	22.52	22.13	22.33	22.38	23.00
5	16QAM	12	7	22.35	22.43	22.24	22.27	22.45	23.00
5	16QAM	12	13	22.46	22.49	22.16	22.47	22.39	23.00
5	16QAM	25	0	22.53	22.64	22.27	22.47	22.59	23.00
5	64QAM	1	0	22.35	22.41	22.10	22.32	22.36	23.00
5	64QAM	1	12	22.50	22.54	22.21	22.40	22.41	23.00
5	64QAM	1	24	22.43	22.51	22.23	22.51	22.41	23.00
5	64QAM	12	0	21.37	21.57	21.32	21.39	21.44	22.00
5	64QAM	12	7	21.48	21.48	21.28	21.43	21.46	22.00
5	64QAM	12	13	21.49	21.53	21.33	21.52	21.55	22.00
5	64QAM	25	0	21.48	21.65	21.40	21.49	21.52	22.00
5	256QAM	1	0	19.17	19.26	19.01	19.18	19.17	20.00
5	256QAM	1	12	19.16	19.26	18.94	19.12	19.18	20.00
5	256QAM	1	24	19.30	19.44	19.22	19.31	19.33	20.00
5	256QAM	12	0	19.44	19.53	19.25	19.40	19.35	20.00
5	256QAM	12	7	19.42	19.52	19.28	19.46	19.43	20.00

5	256QAM	12	13	19.54	19.59	19.30	19.37	19.42	20.00
5	256QAM	25	0	19.49	19.63	19.36	19.51	19.48	20.00

【LTE Band 41_FCC (2496~2690MHz)_HPUE_Ant 5_DSI 0】

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	26.30	26.52	26.59	26.76	26.26	27.00
20	QPSK	1	49	26.12	26.40	26.40	26.49	26.09	27.00
20	QPSK	1	99	26.00	26.36	26.29	26.45	26.09	27.00
20	QPSK	50	0	25.26	25.53	25.56	25.68	25.14	26.00
20	QPSK	50	24	25.18	25.45	25.41	25.66	25.11	26.00
20	QPSK	50	50	25.17	25.44	25.38	25.63	25.11	26.00
20	QPSK	100	0	25.26	25.52	25.57	25.63	25.18	26.00
20	16QAM	1	0	24.91	25.17	25.14	25.32	24.85	26.00
20	16QAM	1	49	24.94	25.26	25.31	25.37	24.92	26.00
20	16QAM	1	99	24.98	25.29	25.26	25.45	24.96	26.00
20	16QAM	50	0	24.13	24.47	24.46	24.58	24.20	25.00
20	16QAM	50	24	24.15	24.47	24.41	24.67	24.14	25.00
20	16QAM	50	50	24.33	24.54	24.56	24.65	24.17	25.00
20	16QAM	100	0	24.30	24.58	24.56	24.73	24.24	25.00
20	64QAM	1	0	24.10	24.41	24.42	24.57	24.14	25.00
20	64QAM	1	49	24.19	24.49	24.46	24.60	24.11	25.00
20	64QAM	1	99	24.30	24.54	24.58	24.66	24.25	25.00
20	64QAM	50	0	23.14	23.48	23.49	23.64	23.20	24.00
20	64QAM	50	24	23.16	23.47	23.47	23.65	23.19	24.00
20	64QAM	50	50	23.28	23.58	23.60	23.75	23.27	24.00
20	64QAM	100	0	23.27	23.54	23.53	23.73	23.23	24.00
20	256QAM	1	0	20.97	21.17	21.09	21.28	20.93	22.00
20	256QAM	1	49	21.01	21.21	21.14	21.26	20.87	22.00
20	256QAM	1	99	21.12	21.39	21.35	21.54	21.12	22.00
20	256QAM	50	0	21.22	21.48	21.43	21.55	21.17	22.00
20	256QAM	50	24	21.19	21.49	21.44	21.54	21.17	22.00
20	256QAM	50	50	21.34	21.54	21.58	21.62	21.19	22.00
20	256QAM	100	0	21.36	21.60	21.56	21.69	21.30	22.00
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	26.28	26.40	26.52	26.70	26.24	27.00
15	QPSK	1	37	26.09	26.37	26.34	26.44	26.06	27.00
15	QPSK	1	74	25.97	26.28	26.17	26.31	26.06	27.00
15	QPSK	36	0	25.19	25.43	25.53	25.63	25.07	26.00
15	QPSK	36	20	25.09	25.36	25.28	25.64	24.97	26.00
15	QPSK	36	39	25.05	25.39	25.24	25.61	25.04	26.00
15	QPSK	75	0	25.19	25.47	25.45	25.52	25.13	26.00
15	16QAM	1	0	24.85	25.03	25.08	25.23	24.76	26.00
15	16QAM	1	37	24.87	25.14	25.17	25.35	24.85	26.00
15	16QAM	1	74	24.88	25.26	25.16	25.39	24.90	26.00
15	16QAM	36	0	24.07	24.45	24.35	24.53	24.05	25.00
15	16QAM	36	20	24.03	24.41	24.40	24.56	24.01	25.00
15	16QAM	36	39	24.26	24.43	24.48	24.62	24.13	25.00
15	16QAM	75	0	24.22	24.44	24.51	24.71	24.20	25.00
15	64QAM	1	0	23.95	24.27	24.34	24.43	24.03	25.00
15	64QAM	1	37	24.09	24.48	24.33	24.59	23.97	25.00
15	64QAM	1	74	24.18	24.47	24.51	24.54	24.22	25.00
15	64QAM	36	0	23.02	23.41	23.38	23.62	23.05	24.00
15	64QAM	36	20	23.15	23.33	23.34	23.52	23.13	24.00
15	64QAM	36	39	23.24	23.56	23.51	23.72	23.15	24.00
15	64QAM	75	0	23.19	23.44	23.46	23.72	23.16	24.00
15	256QAM	1	0	20.96	21.05	20.97	21.14	20.87	22.00
15	256QAM	1	37	20.96	21.14	21.04	21.24	20.79	22.00
15	256QAM	1	74	20.98	21.31	21.25	21.53	21.03	22.00
15	256QAM	36	0	21.16	21.42	21.40	21.52	21.08	22.00
15	256QAM	36	20	21.15	21.48	21.39	21.47	21.08	22.00
15	256QAM	36	39	21.30	21.48	21.52	21.57	21.10	22.00
15	256QAM	75	0	21.30	21.50	21.44	21.63	21.15	22.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	26.18	26.39	26.54	26.62	26.12	27.00
10	QPSK	1	25	26.03	26.31	26.27	26.36	25.94	27.00
10	QPSK	1	49	25.99	26.30	26.15	26.39	26.01	27.00

10	QPSK	25	0	25.15	25.42	25.50	25.55	25.04	26.00
10	QPSK	25	12	25.12	25.43	25.26	25.57	25.00	26.00
10	QPSK	25	25	25.10	25.32	25.31	25.60	25.00	26.00
10	QPSK	50	0	25.16	25.49	25.45	25.60	25.05	26.00
10	16QAM	1	0	24.79	25.11	25.01	25.24	24.79	26.00
10	16QAM	1	25	24.84	25.16	25.18	25.34	24.85	26.00
10	16QAM	1	49	24.92	25.22	25.14	25.32	24.81	26.00
10	16QAM	25	0	24.02	24.41	24.44	24.50	24.19	25.00
10	16QAM	25	12	24.06	24.45	24.31	24.55	24.09	25.00
10	16QAM	25	25	24.19	24.52	24.43	24.63	24.09	25.00
10	16QAM	50	0	24.23	24.47	24.55	24.65	24.16	25.00
10	64QAM	1	0	24.01	24.26	24.28	24.48	24.13	25.00
10	64QAM	1	25	24.14	24.41	24.41	24.50	23.98	25.00
10	64QAM	1	49	24.28	24.52	24.46	24.54	24.22	25.00
10	64QAM	25	0	23.12	23.45	23.46	23.62	23.08	24.00
10	64QAM	25	12	23.02	23.44	23.43	23.58	23.11	24.00
10	64QAM	25	25	23.21	23.51	23.57	23.74	23.17	24.00
10	64QAM	50	0	23.19	23.47	23.42	23.64	23.16	24.00
10	256QAM	1	0	20.92	21.10	21.01	21.17	20.85	22.00
10	256QAM	1	25	20.95	21.10	21.05	21.15	20.82	22.00
10	256QAM	1	49	21.09	21.37	21.32	21.43	21.08	22.00
10	256QAM	25	0	21.11	21.44	21.36	21.46	21.02	22.00
10	256QAM	25	12	21.07	21.35	21.36	21.43	21.11	22.00
10	256QAM	25	25	21.32	21.52	21.53	21.54	21.05	22.00
10	256QAM	50	0	21.33	21.57	21.51	21.62	21.24	22.00
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	26.27	26.48	26.46	26.70	26.13	27.00
5	QPSK	1	12	25.99	26.31	26.29	26.48	26.07	27.00
5	QPSK	1	24	25.85	26.32	26.24	26.34	26.02	27.00
5	QPSK	12	0	25.12	25.40	25.53	25.60	25.02	26.00
5	QPSK	12	7	25.16	25.33	25.39	25.62	24.96	26.00
5	QPSK	12	13	25.12	25.32	25.25	25.53	24.97	26.00
5	QPSK	25	0	25.20	25.48	25.54	25.50	25.07	26.00
5	16QAM	1	0	24.82	25.09	25.09	25.23	24.73	26.00
5	16QAM	1	12	24.88	25.17	25.28	25.23	24.78	26.00
5	16QAM	1	24	24.94	25.20	25.19	25.37	24.83	26.00
5	16QAM	12	0	24.07	24.41	24.35	24.50	24.12	25.00
5	16QAM	12	7	24.14	24.32	24.31	24.65	24.03	25.00
5	16QAM	12	13	24.28	24.43	24.45	24.51	24.08	25.00
5	16QAM	25	0	24.15	24.48	24.44	24.67	24.14	25.00
5	64QAM	1	0	24.01	24.29	24.34	24.48	24.10	25.00
5	64QAM	1	12	24.10	24.47	24.36	24.55	24.08	25.00
5	64QAM	1	24	24.29	24.42	24.53	24.65	24.16	25.00
5	64QAM	12	0	23.04	23.34	23.39	23.52	23.14	24.00
5	64QAM	12	7	23.11	23.33	23.44	23.51	23.14	24.00
5	64QAM	12	13	23.24	23.51	23.48	23.66	23.18	24.00
5	64QAM	25	0	23.22	23.42	23.42	23.71	23.19	24.00
5	256QAM	1	0	20.92	21.11	20.95	21.22	20.88	22.00
5	256QAM	1	12	20.94	21.12	21.00	21.25	20.85	22.00
5	256QAM	1	24	21.05	21.27	21.29	21.47	21.09	22.00
5	256QAM	12	0	21.08	21.35	21.39	21.47	21.05	22.00
5	256QAM	12	7	21.15	21.45	21.32	21.50	21.09	22.00
5	256QAM	12	13	21.25	21.43	21.51	21.49	21.16	22.00
5	256QAM	25	0	21.27	21.48	21.51	21.56	21.19	22.00

【LTE Band 41_FCC (2496~2690MHz)_HPUE_Ant 5_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	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	23.40	23.45	23.63	23.83	23.79	24.00
20	QPSK	1	49	23.22	23.33	23.44	23.56	23.62	24.00
20	QPSK	1	99	23.10	23.29	23.33	23.52	23.62	24.00
20	QPSK	50	0	22.36	22.46	22.60	22.75	22.67	23.00
20	QPSK	50	24	22.28	22.38	22.45	22.73	22.64	23.00
20	QPSK	50	50	22.27	22.37	22.42	22.70	22.64	23.00
20	QPSK	100	0	22.36	22.45	22.61	22.70	22.71	23.00
20	16QAM	1	0	22.01	22.10	22.18	22.39	22.38	23.00
20	16QAM	1	49	22.04	22.19	22.35	22.44	22.45	23.00
20	16QAM	1	99	22.08	22.22	22.30	22.52	22.49	23.00
20	16QAM	50	0	21.23	21.40	21.50	21.65	21.73	22.00

20	16QAM	50	24	21.25	21.40	21.45	21.74	21.67	22.00
20	16QAM	50	50	21.43	21.47	21.60	21.72	21.70	22.00
20	16QAM	100	0	21.40	21.51	21.60	21.80	21.77	22.00
20	64QAM	1	0	21.20	21.34	21.46	21.64	21.67	22.00
20	64QAM	1	49	21.29	21.42	21.50	21.67	21.64	22.00
20	64QAM	1	99	21.40	21.47	21.62	21.73	21.78	22.00
20	64QAM	50	0	20.24	20.41	20.53	20.71	20.73	21.00
20	64QAM	50	24	20.26	20.40	20.51	20.72	20.72	21.00
20	64QAM	50	50	20.38	20.51	20.64	20.82	20.80	21.00
20	64QAM	100	0	20.37	20.47	20.57	20.80	20.76	21.00
20	256QAM	1	0	18.07	18.10	18.13	18.35	18.46	19.00
20	256QAM	1	49	18.11	18.14	18.18	18.33	18.40	19.00
20	256QAM	1	99	18.22	18.32	18.39	18.61	18.65	19.00
20	256QAM	50	0	18.32	18.41	18.47	18.62	18.70	19.00
20	256QAM	50	24	18.29	18.42	18.48	18.61	18.70	19.00
20	256QAM	50	50	18.44	18.47	18.62	18.69	18.72	19.00
20	256QAM	100	0	18.46	18.53	18.60	18.76	18.83	19.00
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	23.37	23.42	23.60	23.80	23.72	24.00
15	QPSK	1	37	23.23	23.24	23.42	23.50	23.60	24.00
15	QPSK	1	74	23.01	23.30	23.25	23.52	23.60	24.00
15	QPSK	36	0	22.27	22.43	22.60	22.66	22.59	23.00
15	QPSK	36	20	22.25	22.38	22.40	22.64	22.64	23.00
15	QPSK	36	39	22.26	22.30	22.36	22.65	22.65	23.00
15	QPSK	75	0	22.30	22.46	22.52	22.62	22.66	23.00
15	16QAM	1	0	21.99	22.01	22.17	22.32	22.32	23.00
15	16QAM	1	37	21.99	22.11	22.34	22.39	22.38	23.00
15	16QAM	1	74	22.03	22.15	22.23	22.51	22.44	23.00
15	16QAM	36	0	21.22	21.39	21.48	21.64	21.67	22.00
15	16QAM	36	20	21.25	21.36	21.42	21.70	21.60	22.00
15	16QAM	36	39	21.40	21.42	21.56	21.67	21.67	22.00
15	16QAM	75	0	21.35	21.43	21.58	21.76	21.71	22.00
15	64QAM	1	0	21.19	21.29	21.38	21.63	21.68	22.00
15	64QAM	1	37	21.25	21.34	21.50	21.59	21.58	22.00
15	64QAM	1	74	21.38	21.45	21.60	21.71	21.71	22.00
15	64QAM	36	0	20.16	20.36	20.47	20.71	20.69	21.00
15	64QAM	36	20	20.24	20.38	20.49	20.64	20.73	21.00
15	64QAM	36	39	20.33	20.44	20.58	20.82	20.78	21.00
15	64QAM	75	0	20.34	20.39	20.51	20.75	20.77	21.00
15	256QAM	1	0	18.04	18.03	18.04	18.28	18.42	19.00
15	256QAM	1	37	18.04	18.05	18.17	18.24	18.38	19.00
15	256QAM	1	74	18.23	18.32	18.32	18.56	18.57	19.00
15	256QAM	36	0	18.23	18.37	18.44	18.59	18.69	19.00
15	256QAM	36	20	18.29	18.40	18.39	18.57	18.68	19.00
15	256QAM	36	39	18.44	18.41	18.53	18.61	18.69	19.00
15	256QAM	75	0	18.44	18.47	18.57	18.74	18.82	19.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	23.33	23.44	23.54	23.76	23.75	24.00
10	QPSK	1	25	23.15	23.26	23.39	23.56	23.56	24.00
10	QPSK	1	49	23.10	23.20	23.26	23.45	23.63	24.00
10	QPSK	25	0	22.37	22.38	22.56	22.74	22.65	23.00
10	QPSK	25	12	22.23	22.36	22.46	22.73	22.64	23.00
10	QPSK	25	25	22.18	22.33	22.34	22.62	22.56	23.00
10	QPSK	50	0	22.32	22.41	22.62	22.68	22.70	23.00
10	16QAM	1	0	21.98	22.01	22.13	22.33	22.31	23.00
10	16QAM	1	25	21.95	22.10	22.33	22.35	22.39	23.00
10	16QAM	1	49	22.06	22.14	22.28	22.46	22.49	23.00
10	16QAM	25	0	21.15	21.35	21.42	21.63	21.70	22.00
10	16QAM	25	12	21.20	21.36	21.38	21.68	21.58	22.00
10	16QAM	25	25	21.38	21.46	21.51	21.63	21.62	22.00
10	16QAM	50	0	21.32	21.46	21.60	21.71	21.70	22.00
10	64QAM	1	0	21.13	21.26	21.42	21.59	21.67	22.00
10	64QAM	1	25	21.24	21.35	21.44	21.59	21.57	22.00
10	64QAM	1	49	21.37	21.39	21.59	21.74	21.70	22.00
10	64QAM	25	0	20.19	20.42	20.53	20.63	20.71	21.00
10	64QAM	25	12	20.24	20.39	20.42	20.71	20.64	21.00
10	64QAM	25	25	20.33	20.50	20.61	20.81	20.73	21.00
10	64QAM	50	0	20.29	20.48	20.56	20.74	20.71	21.00
10	256QAM	1	0	17.98	18.04	18.04	18.28	18.42	19.00
10	256QAM	1	25	18.11	18.11	18.14	18.30	18.36	19.00
10	256QAM	1	49	18.16	18.28	18.40	18.56	18.58	19.00
10	256QAM	25	0	18.24	18.37	18.38	18.57	18.68	19.00
10	256QAM	25	12	18.28	18.34	18.48	18.56	18.61	19.00
10	256QAM	25	25	18.38	18.40	18.57	18.64	18.64	19.00

10	256QAM	50	0	18.43	18.50	18.54	18.73	18.75	19.00
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	23.39	23.36	23.57	23.80	23.70	24.00
5	QPSK	1	12	23.19	23.28	23.36	23.47	23.54	24.00
5	QPSK	1	24	23.07	23.24	23.28	23.43	23.62	24.00
5	QPSK	12	0	22.34	22.40	22.56	22.74	22.65	23.00
5	QPSK	12	7	22.29	22.29	22.45	22.74	22.65	23.00
5	QPSK	12	13	22.28	22.37	22.34	22.63	22.58	23.00
5	QPSK	25	0	22.37	22.37	22.58	22.61	22.72	23.00
5	16QAM	1	0	21.93	22.05	22.19	22.36	22.33	23.00
5	16QAM	1	12	21.99	22.10	22.32	22.42	22.39	23.00
5	16QAM	1	24	22.08	22.19	22.24	22.49	22.43	23.00
5	16QAM	12	0	21.24	21.39	21.49	21.66	21.69	22.00
5	16QAM	12	7	21.23	21.36	21.44	21.71	21.62	22.00
5	16QAM	12	13	21.38	21.41	21.56	21.70	21.62	22.00
5	16QAM	25	0	21.32	21.50	21.61	21.81	21.73	22.00
5	64QAM	1	0	21.11	21.35	21.41	21.62	21.65	22.00
5	64QAM	1	12	21.28	21.40	21.51	21.58	21.61	22.00
5	64QAM	1	24	21.38	21.46	21.62	21.73	21.74	22.00
5	64QAM	12	0	20.24	20.32	20.51	20.68	20.65	21.00
5	64QAM	12	7	20.17	20.39	20.52	20.73	20.66	21.00
5	64QAM	12	13	20.35	20.50	20.64	20.80	20.72	21.00
5	64QAM	25	0	20.34	20.40	20.54	20.73	20.77	21.00
5	256QAM	1	0	18.08	18.03	18.10	18.29	18.44	19.00
5	256QAM	1	12	18.11	18.07	18.11	18.33	18.36	19.00
5	256QAM	1	24	18.20	18.29	18.40	18.59	18.57	19.00
5	256QAM	12	0	18.32	18.35	18.46	18.54	18.71	19.00
5	256QAM	12	7	18.22	18.39	18.45	18.54	18.66	19.00
5	256QAM	12	13	18.44	18.48	18.62	18.66	18.68	19.00
5	256QAM	25	0	18.37	18.46	18.56	18.77	18.81	19.00

【LTE Band 41_FCC (2496~2690MHz)_HPUE_Ant 5_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	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	26.30	26.52	26.59	26.76	26.26	27.00
20	QPSK	1	49	26.12	26.40	26.40	26.49	26.09	27.00
20	QPSK	1	99	26.00	26.36	26.29	26.45	26.09	27.00
20	QPSK	50	0	25.26	25.53	25.56	25.68	25.14	26.00
20	QPSK	50	24	25.18	25.45	25.41	25.66	25.11	26.00
20	QPSK	50	50	25.17	25.44	25.38	25.63	25.11	26.00
20	QPSK	100	0	25.26	25.52	25.57	25.63	25.18	26.00
20	16QAM	1	0	24.91	25.17	25.14	25.32	24.85	26.00
20	16QAM	1	49	24.94	25.26	25.31	25.37	24.92	26.00
20	16QAM	1	99	24.98	25.29	25.26	25.45	24.96	26.00
20	16QAM	50	0	24.13	24.47	24.46	24.58	24.20	25.00
20	16QAM	50	24	24.15	24.47	24.41	24.67	24.14	25.00
20	16QAM	50	50	24.33	24.54	24.56	24.65	24.17	25.00
20	16QAM	100	0	24.30	24.58	24.56	24.73	24.24	25.00
20	64QAM	1	0	24.10	24.41	24.42	24.57	24.14	25.00
20	64QAM	1	49	24.19	24.49	24.46	24.60	24.11	25.00
20	64QAM	1	99	24.30	24.54	24.58	24.66	24.25	25.00
20	64QAM	50	0	23.14	23.48	23.49	23.64	23.20	24.00
20	64QAM	50	24	23.16	23.47	23.47	23.65	23.19	24.00
20	64QAM	50	50	23.28	23.58	23.60	23.75	23.27	24.00
20	64QAM	100	0	23.27	23.54	23.53	23.73	23.23	24.00
20	256QAM	1	0	20.97	21.17	21.09	21.28	20.93	22.00
20	256QAM	1	49	21.01	21.21	21.14	21.26	20.87	22.00
20	256QAM	1	99	21.12	21.39	21.35	21.54	21.12	22.00
20	256QAM	50	0	21.22	21.48	21.43	21.55	21.17	22.00
20	256QAM	50	24	21.19	21.49	21.44	21.54	21.17	22.00
20	256QAM	50	50	21.34	21.54	21.58	21.62	21.19	22.00
20	256QAM	100	0	21.36	21.60	21.56	21.69	21.30	22.00
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	26.28	26.40	26.52	26.70	26.24	27.00
15	QPSK	1	37	26.09	26.37	26.34	26.44	26.06	27.00
15	QPSK	1	74	25.97	26.28	26.17	26.31	26.06	27.00
15	QPSK	36	0	25.19	25.43	25.53	25.63	25.07	26.00

15	QPSK	36	20	25.09	25.36	25.28	25.64	24.97	26.00
15	QPSK	36	39	25.05	25.39	25.24	25.61	25.04	26.00
15	QPSK	75	0	25.19	25.47	25.45	25.52	25.13	26.00
15	16QAM	1	0	24.85	25.03	25.08	25.23	24.76	26.00
15	16QAM	1	37	24.87	25.14	25.17	25.35	24.85	26.00
15	16QAM	1	74	24.88	25.26	25.16	25.39	24.90	26.00
15	16QAM	36	0	24.07	24.45	24.35	24.53	24.05	25.00
15	16QAM	36	20	24.03	24.41	24.40	24.56	24.01	25.00
15	16QAM	36	39	24.26	24.43	24.48	24.62	24.13	25.00
15	16QAM	75	0	24.22	24.44	24.51	24.71	24.20	25.00
15	64QAM	1	0	23.95	24.27	24.34	24.43	24.03	25.00
15	64QAM	1	37	24.09	24.48	24.33	24.59	23.97	25.00
15	64QAM	1	74	24.18	24.47	24.51	24.54	24.22	25.00
15	64QAM	36	0	23.02	23.41	23.38	23.62	23.05	24.00
15	64QAM	36	20	23.15	23.33	23.34	23.52	23.13	24.00
15	64QAM	36	39	23.24	23.56	23.51	23.72	23.15	24.00
15	64QAM	75	0	23.19	23.44	23.46	23.72	23.16	24.00
15	256QAM	1	0	20.96	21.05	20.97	21.14	20.87	22.00
15	256QAM	1	37	20.96	21.14	21.04	21.24	20.79	22.00
15	256QAM	1	74	20.98	21.31	21.25	21.53	21.03	22.00
15	256QAM	36	0	21.16	21.42	21.40	21.52	21.08	22.00
15	256QAM	36	20	21.15	21.48	21.39	21.47	21.08	22.00
15	256QAM	36	39	21.30	21.48	21.52	21.57	21.10	22.00
15	256QAM	75	0	21.30	21.50	21.44	21.63	21.15	22.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	26.18	26.39	26.54	26.62	26.12	27.00
10	QPSK	1	25	26.03	26.31	26.27	26.36	25.94	27.00
10	QPSK	1	49	25.99	26.30	26.15	26.39	26.01	27.00
10	QPSK	25	0	25.15	25.42	25.50	25.55	25.04	26.00
10	QPSK	25	12	25.12	25.43	25.26	25.57	25.00	26.00
10	QPSK	25	25	25.10	25.32	25.31	25.60	25.00	26.00
10	QPSK	50	0	25.16	25.49	25.45	25.60	25.05	26.00
10	16QAM	1	0	24.79	25.11	25.01	25.24	24.79	26.00
10	16QAM	1	25	24.84	25.16	25.18	25.34	24.85	26.00
10	16QAM	1	49	24.92	25.22	25.14	25.32	24.81	26.00
10	16QAM	25	0	24.02	24.41	24.44	24.50	24.19	25.00
10	16QAM	25	12	24.06	24.45	24.31	24.55	24.09	25.00
10	16QAM	25	25	24.19	24.52	24.43	24.63	24.09	25.00
10	16QAM	50	0	24.23	24.47	24.55	24.65	24.16	25.00
10	64QAM	1	0	24.01	24.26	24.28	24.48	24.13	25.00
10	64QAM	1	25	24.14	24.41	24.41	24.50	23.98	25.00
10	64QAM	1	49	24.28	24.52	24.46	24.54	24.22	25.00
10	64QAM	25	0	23.12	23.45	23.46	23.62	23.08	24.00
10	64QAM	25	12	23.02	23.44	23.43	23.58	23.11	24.00
10	64QAM	25	25	23.21	23.51	23.57	23.74	23.17	24.00
10	64QAM	50	0	23.19	23.47	23.42	23.64	23.16	24.00
10	256QAM	1	0	20.92	21.10	21.01	21.17	20.85	22.00
10	256QAM	1	25	20.95	21.10	21.05	21.15	20.82	22.00
10	256QAM	1	49	21.09	21.37	21.32	21.43	21.08	22.00
10	256QAM	25	0	21.11	21.44	21.36	21.46	21.02	22.00
10	256QAM	25	12	21.07	21.35	21.36	21.43	21.11	22.00
10	256QAM	25	25	21.32	21.52	21.53	21.54	21.05	22.00
10	256QAM	50	0	21.33	21.57	21.51	21.62	21.24	22.00
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	26.27	26.48	26.46	26.70	26.13	27.00
5	QPSK	1	12	25.99	26.31	26.29	26.48	26.07	27.00
5	QPSK	1	24	25.85	26.32	26.24	26.34	26.02	27.00
5	QPSK	12	0	25.12	25.40	25.53	25.60	25.02	26.00
5	QPSK	12	7	25.16	25.33	25.39	25.62	24.96	26.00
5	QPSK	12	13	25.12	25.32	25.25	25.53	24.97	26.00
5	QPSK	25	0	25.20	25.48	25.54	25.50	25.07	26.00
5	16QAM	1	0	24.82	25.09	25.09	25.23	24.73	26.00
5	16QAM	1	12	24.88	25.17	25.28	25.23	24.78	26.00
5	16QAM	1	24	24.94	25.20	25.19	25.37	24.83	26.00
5	16QAM	12	0	24.07	24.41	24.35	24.50	24.12	25.00
5	16QAM	12	7	24.14	24.32	24.31	24.65	24.03	25.00
5	16QAM	12	13	24.28	24.43	24.45	24.51	24.08	25.00
5	16QAM	25	0	24.15	24.48	24.44	24.67	24.14	25.00
5	64QAM	1	0	24.01	24.29	24.34	24.48	24.10	25.00
5	64QAM	1	12	24.10	24.47	24.36	24.55	24.08	25.00
5	64QAM	1	24	24.29	24.42	24.53	24.65	24.16	25.00
5	64QAM	12	0	23.04	23.34	23.39	23.52	23.14	24.00
5	64QAM	12	7	23.11	23.33	23.44	23.51	23.14	24.00
5	64QAM	12	13	23.24	23.51	23.48	23.66	23.18	24.00

5	64QAM	25	0	23.22	23.42	23.42	23.71	23.19	24.00
5	256QAM	1	0	20.92	21.11	20.95	21.22	20.88	22.00
5	256QAM	1	12	20.94	21.12	21.00	21.25	20.85	22.00
5	256QAM	1	24	21.05	21.27	21.29	21.47	21.09	22.00
5	256QAM	12	0	21.08	21.35	21.39	21.47	21.05	22.00
5	256QAM	12	7	21.15	21.45	21.32	21.50	21.09	22.00
5	256QAM	12	13	21.25	21.43	21.51	21.49	21.16	22.00
5	256QAM	25	0	21.27	21.48	21.51	21.56	21.19	22.00

【LTE Band 41__FCC (2496~2690MHz)_HPUE_Ant 5_DSI 1】

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	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	26.30	26.52	26.59	26.76	26.26	27.00
20	QPSK	1	49	26.12	26.40	26.40	26.49	26.09	27.00
20	QPSK	1	99	26.00	26.36	26.29	26.45	26.09	27.00
20	QPSK	50	0	25.26	25.53	25.56	25.68	25.14	26.00
20	QPSK	50	24	25.18	25.45	25.41	25.66	25.11	26.00
20	QPSK	50	50	25.17	25.44	25.38	25.63	25.11	26.00
20	QPSK	100	0	25.26	25.52	25.57	25.63	25.18	26.00
20	16QAM	1	0	24.91	25.17	25.14	25.32	24.85	26.00
20	16QAM	1	49	24.94	25.26	25.31	25.37	24.92	26.00
20	16QAM	1	99	24.98	25.29	25.26	25.45	24.96	26.00
20	16QAM	50	0	24.13	24.47	24.46	24.58	24.20	25.00
20	16QAM	50	24	24.15	24.47	24.41	24.67	24.14	25.00
20	16QAM	50	50	24.33	24.54	24.56	24.65	24.17	25.00
20	16QAM	100	0	24.30	24.58	24.56	24.73	24.24	25.00
20	64QAM	1	0	24.10	24.41	24.42	24.57	24.14	25.00
20	64QAM	1	49	24.19	24.49	24.46	24.60	24.11	25.00
20	64QAM	1	99	24.30	24.54	24.58	24.66	24.25	25.00
20	64QAM	50	0	23.14	23.48	23.49	23.64	23.20	24.00
20	64QAM	50	24	23.16	23.47	23.47	23.65	23.19	24.00
20	64QAM	50	50	23.28	23.58	23.60	23.75	23.27	24.00
20	64QAM	100	0	23.27	23.54	23.53	23.73	23.23	24.00
20	256QAM	1	0	20.97	21.17	21.09	21.28	20.93	22.00
20	256QAM	1	49	21.01	21.21	21.14	21.26	20.87	22.00
20	256QAM	1	99	21.12	21.39	21.35	21.54	21.12	22.00
20	256QAM	50	0	21.22	21.48	21.43	21.55	21.17	22.00
20	256QAM	50	24	21.19	21.49	21.44	21.54	21.17	22.00
20	256QAM	50	50	21.34	21.54	21.58	21.62	21.19	22.00
20	256QAM	100	0	21.36	21.60	21.56	21.69	21.30	22.00
Channel				39725	40173	40620	41068	41515	
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	26.28	26.40	26.52	26.70	26.24	27.00
15	QPSK	1	37	26.09	26.37	26.34	26.44	26.06	27.00
15	QPSK	1	74	25.97	26.28	26.17	26.31	26.06	27.00
15	QPSK	36	0	25.19	25.43	25.53	25.63	25.07	26.00
15	QPSK	36	20	25.09	25.36	25.28	25.64	24.97	26.00
15	QPSK	36	39	25.05	25.39	25.24	25.61	25.04	26.00
15	QPSK	75	0	25.19	25.47	25.45	25.52	25.13	26.00
15	16QAM	1	0	24.85	25.03	25.08	25.23	24.76	26.00
15	16QAM	1	37	24.87	25.14	25.17	25.35	24.85	26.00
15	16QAM	1	74	24.88	25.26	25.16	25.39	24.90	26.00
15	16QAM	36	0	24.07	24.45	24.35	24.53	24.05	25.00
15	16QAM	36	20	24.03	24.41	24.40	24.56	24.01	25.00
15	16QAM	36	39	24.26	24.43	24.48	24.62	24.13	25.00
15	16QAM	75	0	24.22	24.44	24.51	24.71	24.20	25.00
15	64QAM	1	0	23.95	24.27	24.34	24.43	24.03	25.00
15	64QAM	1	37	24.09	24.48	24.33	24.59	23.97	25.00
15	64QAM	1	74	24.18	24.47	24.51	24.54	24.22	25.00
15	64QAM	36	0	23.02	23.41	23.38	23.62	23.05	24.00
15	64QAM	36	20	23.15	23.33	23.34	23.52	23.13	24.00
15	64QAM	36	39	23.24	23.56	23.51	23.72	23.15	24.00
15	64QAM	75	0	23.19	23.44	23.46	23.72	23.16	24.00
15	256QAM	1	0	20.96	21.05	20.97	21.14	20.87	22.00
15	256QAM	1	37	20.96	21.14	21.04	21.24	20.79	22.00
15	256QAM	1	74	20.98	21.31	21.25	21.53	21.03	22.00
15	256QAM	36	0	21.16	21.42	21.40	21.52	21.08	22.00
15	256QAM	36	20	21.15	21.48	21.39	21.47	21.08	22.00
15	256QAM	36	39	21.30	21.48	21.52	21.57	21.10	22.00
15	256QAM	75	0	21.30	21.50	21.44	21.63	21.15	22.00

Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	26.18	26.39	26.54	26.62	26.12	27.00
10	QPSK	1	25	26.03	26.31	26.27	26.36	25.94	27.00
10	QPSK	1	49	25.99	26.30	26.15	26.39	26.01	27.00
10	QPSK	25	0	25.15	25.42	25.50	25.55	25.04	26.00
10	QPSK	25	12	25.12	25.43	25.26	25.57	25.00	26.00
10	QPSK	25	25	25.10	25.32	25.31	25.60	25.00	26.00
10	QPSK	50	0	25.16	25.49	25.45	25.60	25.05	26.00
10	16QAM	1	0	24.79	25.11	25.01	25.24	24.79	26.00
10	16QAM	1	25	24.84	25.16	25.18	25.34	24.85	26.00
10	16QAM	1	49	24.92	25.22	25.14	25.32	24.81	26.00
10	16QAM	25	0	24.02	24.41	24.44	24.50	24.19	25.00
10	16QAM	25	12	24.06	24.45	24.31	24.55	24.09	25.00
10	16QAM	25	25	24.19	24.52	24.43	24.63	24.09	25.00
10	16QAM	50	0	24.23	24.47	24.55	24.65	24.16	25.00
10	64QAM	1	0	24.01	24.26	24.28	24.48	24.13	25.00
10	64QAM	1	25	24.14	24.41	24.41	24.50	23.98	25.00
10	64QAM	1	49	24.28	24.52	24.46	24.54	24.22	25.00
10	64QAM	25	0	23.12	23.45	23.46	23.62	23.08	24.00
10	64QAM	25	12	23.02	23.44	23.43	23.58	23.11	24.00
10	64QAM	25	25	23.21	23.51	23.57	23.74	23.17	24.00
10	64QAM	50	0	23.19	23.47	23.42	23.64	23.16	24.00
10	256QAM	1	0	20.92	21.10	21.01	21.17	20.85	22.00
10	256QAM	1	25	20.95	21.10	21.05	21.15	20.82	22.00
10	256QAM	1	49	21.09	21.37	21.32	21.43	21.08	22.00
10	256QAM	25	0	21.11	21.44	21.36	21.46	21.02	22.00
10	256QAM	25	12	21.07	21.35	21.36	21.43	21.11	22.00
10	256QAM	25	25	21.32	21.52	21.53	21.54	21.05	22.00
10	256QAM	50	0	21.33	21.57	21.51	21.62	21.24	22.00
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	26.27	26.48	26.46	26.70	26.13	27.00
5	QPSK	1	12	25.99	26.31	26.29	26.48	26.07	27.00
5	QPSK	1	24	25.85	26.32	26.24	26.34	26.02	27.00
5	QPSK	12	0	25.12	25.40	25.53	25.60	25.02	26.00
5	QPSK	12	7	25.16	25.33	25.39	25.62	24.96	26.00
5	QPSK	12	13	25.12	25.32	25.25	25.53	24.97	26.00
5	QPSK	25	0	25.20	25.48	25.54	25.50	25.07	26.00
5	16QAM	1	0	24.82	25.09	25.09	25.23	24.73	26.00
5	16QAM	1	12	24.88	25.17	25.28	25.23	24.78	26.00
5	16QAM	1	24	24.94	25.20	25.19	25.37	24.83	26.00
5	16QAM	12	0	24.07	24.41	24.35	24.50	24.12	25.00
5	16QAM	12	7	24.14	24.32	24.31	24.65	24.03	25.00
5	16QAM	12	13	24.28	24.43	24.45	24.51	24.08	25.00
5	16QAM	25	0	24.15	24.48	24.44	24.67	24.14	25.00
5	64QAM	1	0	24.01	24.29	24.34	24.48	24.10	25.00
5	64QAM	1	12	24.10	24.47	24.36	24.55	24.08	25.00
5	64QAM	1	24	24.29	24.42	24.53	24.65	24.16	25.00
5	64QAM	12	0	23.04	23.34	23.39	23.52	23.14	24.00
5	64QAM	12	7	23.11	23.33	23.44	23.51	23.14	24.00
5	64QAM	12	13	23.24	23.51	23.48	23.66	23.18	24.00
5	64QAM	25	0	23.22	23.42	23.42	23.71	23.19	24.00
5	256QAM	1	0	20.92	21.11	20.95	21.22	20.88	22.00
5	256QAM	1	12	20.94	21.12	21.00	21.25	20.85	22.00
5	256QAM	1	24	21.05	21.27	21.29	21.47	21.09	22.00
5	256QAM	12	0	21.08	21.35	21.39	21.47	21.05	22.00
5	256QAM	12	7	21.15	21.45	21.32	21.50	21.09	22.00
5	256QAM	12	13	21.25	21.43	21.51	21.49	21.16	22.00
5	256QAM	25	0	21.27	21.48	21.51	21.56	21.19	22.00

【LTE Band 41_FCC (2496~2690MHz)_HPUE_Ant 5_DSI 4】

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	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	26.30	26.52	26.59	26.76	26.26	27.00
20	QPSK	1	49	26.12	26.40	26.40	26.49	26.09	27.00
20	QPSK	1	99	26.00	26.36	26.29	26.45	26.09	27.00
20	QPSK	50	0	25.26	25.53	25.56	25.68	25.14	26.00
20	QPSK	50	24	25.18	25.45	25.41	25.66	25.11	26.00



FCC SAR TEST REPORT

Report No. :FA503114B

20	QPSK	50	50	25.17	25.44	25.38	25.63	25.11	26.00
20	QPSK	100	0	25.26	25.52	25.57	25.63	25.18	26.00
20	16QAM	1	0	24.91	25.17	25.14	25.32	24.85	26.00
20	16QAM	1	49	24.94	25.26	25.31	25.37	24.92	26.00
20	16QAM	1	99	24.98	25.29	25.26	25.45	24.96	26.00
20	16QAM	50	0	24.13	24.47	24.46	24.58	24.20	25.00
20	16QAM	50	24	24.15	24.47	24.41	24.67	24.14	25.00
20	16QAM	50	50	24.33	24.54	24.56	24.65	24.17	25.00
20	16QAM	100	0	24.30	24.58	24.56	24.73	24.24	25.00
20	64QAM	1	0	24.10	24.41	24.42	24.57	24.14	25.00
20	64QAM	1	49	24.19	24.49	24.46	24.60	24.11	25.00
20	64QAM	1	99	24.30	24.54	24.58	24.66	24.25	25.00
20	64QAM	50	0	23.14	23.48	23.49	23.64	23.20	24.00
20	64QAM	50	24	23.16	23.47	23.47	23.65	23.19	24.00
20	64QAM	50	50	23.28	23.58	23.60	23.75	23.27	24.00
20	64QAM	100	0	23.27	23.54	23.53	23.73	23.23	24.00
20	256QAM	1	0	20.97	21.17	21.09	21.28	20.93	22.00
20	256QAM	1	49	21.01	21.21	21.14	21.26	20.87	22.00
20	256QAM	1	99	21.12	21.39	21.35	21.54	21.12	22.00
20	256QAM	50	0	21.22	21.48	21.43	21.55	21.17	22.00
20	256QAM	50	24	21.19	21.49	21.44	21.54	21.17	22.00
20	256QAM	50	50	21.34	21.54	21.58	21.62	21.19	22.00
20	256QAM	100	0	21.36	21.60	21.56	21.69	21.30	22.00
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	26.28	26.40	26.52	26.70	26.24	27.00
15	QPSK	1	37	26.09	26.37	26.34	26.44	26.06	27.00
15	QPSK	1	74	25.97	26.28	26.17	26.31	26.06	27.00
15	QPSK	36	0	25.19	25.43	25.53	25.63	25.07	26.00
15	QPSK	36	20	25.09	25.36	25.28	25.64	24.97	26.00
15	QPSK	36	39	25.05	25.39	25.24	25.61	25.04	26.00
15	QPSK	75	0	25.19	25.47	25.45	25.52	25.13	26.00
15	16QAM	1	0	24.85	25.03	25.08	25.23	24.76	26.00
15	16QAM	1	37	24.87	25.14	25.17	25.35	24.85	26.00
15	16QAM	1	74	24.88	25.26	25.16	25.39	24.90	26.00
15	16QAM	36	0	24.07	24.45	24.35	24.53	24.05	25.00
15	16QAM	36	20	24.03	24.41	24.40	24.56	24.01	25.00
15	16QAM	36	39	24.26	24.43	24.48	24.62	24.13	25.00
15	16QAM	75	0	24.22	24.44	24.51	24.71	24.20	25.00
15	64QAM	1	0	23.95	24.27	24.34	24.43	24.03	25.00
15	64QAM	1	37	24.09	24.48	24.33	24.59	23.97	25.00
15	64QAM	1	74	24.18	24.47	24.51	24.54	24.22	25.00
15	64QAM	36	0	23.02	23.41	23.38	23.62	23.05	24.00
15	64QAM	36	20	23.15	23.33	23.34	23.52	23.13	24.00
15	64QAM	36	39	23.24	23.56	23.51	23.72	23.15	24.00
15	64QAM	75	0	23.19	23.44	23.46	23.72	23.16	24.00
15	256QAM	1	0	20.96	21.05	20.97	21.14	20.87	22.00
15	256QAM	1	37	20.96	21.14	21.04	21.24	20.79	22.00
15	256QAM	1	74	20.98	21.31	21.25	21.53	21.03	22.00
15	256QAM	36	0	21.16	21.42	21.40	21.52	21.08	22.00
15	256QAM	36	20	21.15	21.48	21.39	21.47	21.08	22.00
15	256QAM	36	39	21.30	21.48	21.52	21.57	21.10	22.00
15	256QAM	75	0	21.30	21.50	21.44	21.63	21.15	22.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	26.18	26.39	26.54	26.62	26.12	27.00
10	QPSK	1	25	26.03	26.31	26.27	26.36	25.94	27.00
10	QPSK	1	49	25.99	26.30	26.15	26.39	26.01	27.00
10	QPSK	25	0	25.15	25.42	25.50	25.55	25.04	26.00
10	QPSK	25	12	25.12	25.43	25.26	25.57	25.00	26.00
10	QPSK	25	25	25.10	25.32	25.31	25.60	25.00	26.00
10	QPSK	50	0	25.16	25.49	25.45	25.60	25.05	26.00
10	16QAM	1	0	24.79	25.11	25.01	25.24	24.79	26.00
10	16QAM	1	25	24.84	25.16	25.18	25.34	24.85	26.00
10	16QAM	1	49	24.92	25.22	25.14	25.32	24.81	26.00
10	16QAM	25	0	24.02	24.41	24.44	24.50	24.19	25.00
10	16QAM	25	12	24.06	24.45	24.31	24.55	24.09	25.00
10	16QAM	25	25	24.19	24.52	24.43	24.63	24.09	25.00
10	16QAM	50	0	24.23	24.47	24.55	24.65	24.16	25.00
10	64QAM	1	0	24.01	24.26	24.28	24.48	24.13	25.00
10	64QAM	1	25	24.14	24.41	24.41	24.50	23.98	25.00
10	64QAM	1	49	24.28	24.52	24.46	24.54	24.22	25.00
10	64QAM	25	0	23.12	23.45	23.46	23.62	23.08	24.00
10	64QAM	25	12	23.02	23.44	23.43	23.58	23.11	24.00
10	64QAM	25	25	23.21	23.51	23.57	23.74	23.17	24.00
10	64QAM	50	0	23.19	23.47	23.42	23.64	23.16	24.00

10	256QAM	1	0	20.92	21.10	21.01	21.17	20.85	22.00
10	256QAM	1	25	20.95	21.10	21.05	21.15	20.82	22.00
10	256QAM	1	49	21.09	21.37	21.32	21.43	21.08	22.00
10	256QAM	25	0	21.11	21.44	21.36	21.46	21.02	22.00
10	256QAM	25	12	21.07	21.35	21.36	21.43	21.11	22.00
10	256QAM	25	25	21.32	21.52	21.53	21.54	21.05	22.00
10	256QAM	50	0	21.33	21.57	21.51	21.62	21.24	22.00
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	26.27	26.48	26.46	26.70	26.13	27.00
5	QPSK	1	12	25.99	26.31	26.29	26.48	26.07	27.00
5	QPSK	1	24	25.85	26.32	26.24	26.34	26.02	27.00
5	QPSK	12	0	25.12	25.40	25.53	25.60	25.02	26.00
5	QPSK	12	7	25.16	25.33	25.39	25.62	24.96	26.00
5	QPSK	12	13	25.12	25.32	25.25	25.53	24.97	26.00
5	QPSK	25	0	25.20	25.48	25.54	25.50	25.07	26.00
5	16QAM	1	0	24.82	25.09	25.09	25.23	24.73	26.00
5	16QAM	1	12	24.88	25.17	25.28	25.23	24.78	26.00
5	16QAM	1	24	24.94	25.20	25.19	25.37	24.83	26.00
5	16QAM	12	0	24.07	24.41	24.35	24.50	24.12	25.00
5	16QAM	12	7	24.14	24.32	24.31	24.65	24.03	25.00
5	16QAM	12	13	24.28	24.43	24.45	24.51	24.08	25.00
5	16QAM	25	0	24.15	24.48	24.44	24.67	24.14	25.00
5	64QAM	1	0	24.01	24.29	24.34	24.48	24.10	25.00
5	64QAM	1	12	24.10	24.47	24.36	24.55	24.08	25.00
5	64QAM	1	24	24.29	24.42	24.53	24.65	24.16	25.00
5	64QAM	12	0	23.04	23.34	23.39	23.52	23.14	24.00
5	64QAM	12	7	23.11	23.33	23.44	23.51	23.14	24.00
5	64QAM	12	13	23.24	23.51	23.48	23.66	23.18	24.00
5	64QAM	25	0	23.22	23.42	23.42	23.71	23.19	24.00
5	256QAM	1	0	20.92	21.11	20.95	21.22	20.88	22.00
5	256QAM	1	12	20.94	21.12	21.00	21.25	20.85	22.00
5	256QAM	1	24	21.05	21.27	21.29	21.47	21.09	22.00
5	256QAM	12	0	21.08	21.35	21.39	21.47	21.05	22.00
5	256QAM	12	7	21.15	21.45	21.32	21.50	21.09	22.00
5	256QAM	12	13	21.25	21.43	21.51	21.49	21.16	22.00
5	256QAM	25	0	21.27	21.48	21.51	21.56	21.19	22.00

【LTE Band 41_FCC (2496~2690MHz)_Ant 8_DSI 0】

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	24.41	24.64	24.63	24.58	24.48	25.00
20	QPSK	1	49	24.39	24.45	24.54	24.55	24.45	25.00
20	QPSK	1	99	24.39	24.32	24.54	24.55	24.38	25.00
20	QPSK	50	0	23.54	23.65	23.63	23.62	23.50	24.00
20	QPSK	50	24	23.42	23.55	23.58	23.59	23.47	24.00
20	QPSK	50	50	23.51	23.49	23.58	23.61	23.49	24.00
20	QPSK	100	0	23.52	23.64	23.57	23.55	23.45	24.00
20	16QAM	1	0	23.33	23.53	23.72	23.56	23.52	24.00
20	16QAM	1	49	23.53	23.48	23.58	23.59	23.46	24.00
20	16QAM	1	99	23.36	23.30	23.48	23.51	23.39	24.00
20	16QAM	50	0	22.52	22.59	22.60	22.58	22.46	23.00
20	16QAM	50	24	22.56	22.57	22.58	22.65	22.46	23.00
20	16QAM	50	50	22.56	22.50	22.65	22.61	22.51	23.00
20	16QAM	100	0	22.57	22.55	22.57	22.64	22.43	23.00
20	64QAM	1	0	22.43	22.55	22.66	22.64	22.61	23.00
20	64QAM	1	49	22.63	22.44	22.68	22.68	22.46	23.00
20	64QAM	1	99	22.36	22.41	22.52	22.59	22.42	23.00
20	64QAM	50	0	21.46	21.59	21.58	21.59	21.48	22.00
20	64QAM	50	24	21.57	21.57	21.60	21.66	21.44	22.00
20	64QAM	50	50	21.56	21.52	21.67	21.61	21.49	22.00
20	64QAM	100	0	21.54	21.56	21.60	21.64	21.46	22.00
20	256QAM	1	0	19.40	19.48	19.66	19.55	19.47	20.00
20	256QAM	1	49	19.41	19.48	19.52	19.50	19.41	20.00
20	256QAM	1	99	19.45	19.41	19.65	19.52	19.42	20.00
20	256QAM	50	0	19.47	19.61	19.62	19.59	19.50	20.00
20	256QAM	50	24	19.55	19.58	19.64	19.64	19.46	20.00
20	256QAM	50	50	19.55	19.53	19.70	19.59	19.46	20.00
20	256QAM	100	0	19.57	19.56	19.62	19.63	19.46	20.00
Channel				39725	40173	40620	41068	41515	Tune-up



FCC SAR TEST REPORT

Report No. :FA503114B

Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	limit (dBm)
15	QPSK	1	0	24.34	24.62	24.62	24.47	24.47	25.00
15	QPSK	1	37	24.33	24.39	24.47	24.40	24.33	25.00
15	QPSK	1	74	24.35	24.20	24.49	24.43	24.32	25.00
15	QPSK	36	0	23.50	23.55	23.49	23.60	23.39	24.00
15	QPSK	36	20	23.38	23.45	23.43	23.45	23.34	24.00
15	QPSK	36	39	23.48	23.39	23.48	23.47	23.38	24.00
15	QPSK	75	0	23.50	23.62	23.52	23.42	23.31	24.00
15	16QAM	1	0	23.31	23.42	23.67	23.45	23.44	24.00
15	16QAM	1	37	23.45	23.42	23.52	23.50	23.40	24.00
15	16QAM	1	74	23.34	23.20	23.36	23.47	23.24	24.00
15	16QAM	36	0	22.47	22.51	22.56	22.49	22.34	23.00
15	16QAM	36	20	22.46	22.54	22.51	22.56	22.42	23.00
15	16QAM	36	39	22.44	22.45	22.62	22.58	22.44	23.00
15	16QAM	75	0	22.45	22.47	22.54	22.55	22.30	23.00
15	64QAM	1	0	22.38	22.47	22.60	22.59	22.57	23.00
15	64QAM	1	37	22.52	22.37	22.63	22.57	22.39	23.00
15	64QAM	1	74	22.35	22.28	22.49	22.53	22.28	23.00
15	64QAM	36	0	21.44	21.44	21.49	21.50	21.38	22.00
15	64QAM	36	20	21.48	21.51	21.49	21.57	21.41	22.00
15	64QAM	36	39	21.44	21.41	21.59	21.46	21.36	22.00
15	64QAM	75	0	21.48	21.41	21.50	21.50	21.36	22.00
15	256QAM	1	0	19.31	19.41	19.51	19.44	19.35	20.00
15	256QAM	1	37	19.32	19.47	19.48	19.41	19.34	20.00
15	256QAM	1	74	19.36	19.27	19.64	19.37	19.29	20.00
15	256QAM	36	0	19.44	19.57	19.49	19.52	19.41	20.00
15	256QAM	36	20	19.52	19.53	19.53	19.62	19.40	20.00
15	256QAM	36	39	19.40	19.45	19.56	19.51	19.35	20.00
15	256QAM	75	0	19.50	19.43	19.49	19.49	19.39	20.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	24.27	24.52	24.53	24.57	24.45	25.00
10	QPSK	1	25	24.37	24.33	24.42	24.53	24.39	25.00
10	QPSK	1	49	24.36	24.30	24.46	24.53	24.35	25.00
10	QPSK	25	0	23.45	23.59	23.52	23.53	23.38	24.00
10	QPSK	25	12	23.32	23.53	23.52	23.57	23.36	24.00
10	QPSK	25	25	23.47	23.42	23.55	23.59	23.48	24.00
10	QPSK	50	0	23.38	23.54	23.51	23.48	23.42	24.00
10	16QAM	1	0	23.21	23.39	23.60	23.44	23.50	24.00
10	16QAM	1	25	23.39	23.34	23.47	23.45	23.35	24.00
10	16QAM	1	49	23.22	23.21	23.39	23.37	23.25	24.00
10	16QAM	25	0	22.43	22.53	22.50	22.51	22.39	23.00
10	16QAM	25	12	22.52	22.52	22.46	22.53	22.38	23.00
10	16QAM	25	25	22.52	22.38	22.51	22.49	22.49	23.00
10	16QAM	50	0	22.55	22.50	22.53	22.55	22.36	23.00
10	64QAM	1	0	22.31	22.53	22.58	22.62	22.55	23.00
10	64QAM	1	25	22.62	22.29	22.63	22.56	22.39	23.00
10	64QAM	1	49	22.21	22.35	22.39	22.44	22.38	23.00
10	64QAM	25	0	21.43	21.48	21.44	21.54	21.37	22.00
10	64QAM	25	12	21.46	21.43	21.54	21.54	21.36	22.00
10	64QAM	25	25	21.44	21.46	21.55	21.55	21.40	22.00
10	64QAM	50	0	21.52	21.53	21.57	21.49	21.33	22.00
10	256QAM	1	0	19.38	19.40	19.59	19.46	19.41	20.00
10	256QAM	1	25	19.32	19.47	19.47	19.40	19.35	20.00
10	256QAM	1	49	19.38	19.27	19.58	19.41	19.34	20.00
10	256QAM	25	0	19.39	19.47	19.53	19.45	19.47	20.00
10	256QAM	25	12	19.41	19.56	19.56	19.51	19.31	20.00
10	256QAM	25	25	19.43	19.43	19.66	19.52	19.40	20.00
10	256QAM	50	0	19.43	19.42	19.57	19.51	19.34	20.00
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	24.27	24.59	24.61	24.47	24.35	25.00
5	QPSK	1	12	24.31	24.32	24.42	24.42	24.31	25.00
5	QPSK	1	24	24.36	24.21	24.45	24.49	24.29	25.00
5	QPSK	12	0	23.41	23.59	23.60	23.59	23.36	24.00
5	QPSK	12	7	23.39	23.46	23.54	23.57	23.43	24.00
5	QPSK	12	13	23.40	23.37	23.54	23.48	23.44	24.00
5	QPSK	25	0	23.48	23.60	23.49	23.53	23.32	24.00
5	16QAM	1	0	23.23	23.47	23.62	23.48	23.48	24.00
5	16QAM	1	12	23.46	23.34	23.46	23.54	23.37	24.00
5	16QAM	1	24	23.25	23.15	23.40	23.44	23.26	24.00
5	16QAM	12	0	22.40	22.46	22.53	22.52	22.37	23.00
5	16QAM	12	7	22.52	22.44	22.55	22.51	22.33	23.00
5	16QAM	12	13	22.47	22.38	22.51	22.58	22.46	23.00
5	16QAM	25	0	22.56	22.50	22.48	22.53	22.39	23.00

5	64QAM	1	0	22.29	22.50	22.51	22.55	22.50	23.00
5	64QAM	1	12	22.50	22.35	22.58	22.56	22.41	23.00
5	64QAM	1	24	22.25	22.39	22.49	22.46	22.33	23.00
5	64QAM	12	0	21.39	21.48	21.50	21.56	21.42	22.00
5	64QAM	12	7	21.42	21.44	21.54	21.52	21.33	22.00
5	64QAM	12	13	21.49	21.47	21.56	21.58	21.43	22.00
5	64QAM	25	0	21.44	21.46	21.58	21.55	21.41	22.00
5	256QAM	1	0	19.37	19.41	19.60	19.50	19.41	20.00
5	256QAM	1	12	19.36	19.44	19.50	19.46	19.34	20.00
5	256QAM	1	24	19.42	19.37	19.63	19.43	19.34	20.00
5	256QAM	12	0	19.40	19.59	19.60	19.57	19.38	20.00
5	256QAM	12	7	19.48	19.56	19.58	19.56	19.37	20.00
5	256QAM	12	13	19.49	19.51	19.59	19.55	19.31	20.00
5	256QAM	25	0	19.47	19.41	19.50	19.48	19.43	20.00

【LTE Band 41 FCC (2496~2690MHz) 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	Tune-up limit (dBm)
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	24.41	24.64	24.63	24.58	24.48	25.00
20	QPSK	1	49	24.39	24.45	24.54	24.55	24.45	25.00
20	QPSK	1	99	24.39	24.32	24.54	24.55	24.38	25.00
20	QPSK	50	0	23.54	23.65	23.63	23.62	23.50	24.00
20	QPSK	50	24	23.42	23.55	23.58	23.59	23.47	24.00
20	QPSK	50	50	23.51	23.49	23.58	23.61	23.49	24.00
20	QPSK	100	0	23.52	23.64	23.57	23.55	23.45	24.00
20	16QAM	1	0	23.33	23.53	23.72	23.56	23.52	24.00
20	16QAM	1	49	23.53	23.48	23.58	23.59	23.46	24.00
20	16QAM	1	99	23.36	23.30	23.48	23.51	23.39	24.00
20	16QAM	50	0	22.52	22.59	22.60	22.58	22.46	23.00
20	16QAM	50	24	22.56	22.57	22.58	22.65	22.46	23.00
20	16QAM	50	50	22.56	22.50	22.65	22.61	22.51	23.00
20	16QAM	100	0	22.57	22.55	22.57	22.64	22.43	23.00
20	64QAM	1	0	22.43	22.55	22.66	22.64	22.61	23.00
20	64QAM	1	49	22.63	22.44	22.68	22.68	22.46	23.00
20	64QAM	1	99	22.36	22.41	22.52	22.59	22.42	23.00
20	64QAM	50	0	21.46	21.59	21.58	21.59	21.48	22.00
20	64QAM	50	24	21.57	21.57	21.60	21.66	21.44	22.00
20	64QAM	50	50	21.56	21.52	21.67	21.61	21.49	22.00
20	64QAM	100	0	21.54	21.56	21.60	21.64	21.46	22.00
20	256QAM	1	0	19.40	19.48	19.66	19.55	19.47	20.00
20	256QAM	1	49	19.41	19.48	19.52	19.50	19.41	20.00
20	256QAM	1	99	19.45	19.41	19.65	19.52	19.42	20.00
20	256QAM	50	0	19.47	19.61	19.62	19.59	19.50	20.00
20	256QAM	50	24	19.55	19.58	19.64	19.64	19.46	20.00
20	256QAM	50	50	19.55	19.53	19.70	19.59	19.46	20.00
20	256QAM	100	0	19.57	19.56	19.62	19.63	19.46	20.00
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	24.34	24.62	24.62	24.47	24.47	25.00
15	QPSK	1	37	24.33	24.39	24.47	24.40	24.33	25.00
15	QPSK	1	74	24.35	24.20	24.49	24.43	24.32	25.00
15	QPSK	36	0	23.50	23.55	23.49	23.60	23.39	24.00
15	QPSK	36	20	23.38	23.45	23.43	23.45	23.34	24.00
15	QPSK	36	39	23.48	23.39	23.48	23.47	23.38	24.00
15	QPSK	75	0	23.50	23.62	23.52	23.42	23.31	24.00
15	16QAM	1	0	23.31	23.42	23.67	23.45	23.44	24.00
15	16QAM	1	37	23.45	23.42	23.52	23.50	23.40	24.00
15	16QAM	1	74	23.34	23.20	23.36	23.47	23.24	24.00
15	16QAM	36	0	22.47	22.51	22.56	22.49	22.34	23.00
15	16QAM	36	20	22.46	22.54	22.51	22.56	22.42	23.00
15	16QAM	36	39	22.44	22.45	22.62	22.58	22.44	23.00
15	16QAM	75	0	22.45	22.47	22.54	22.55	22.30	23.00
15	64QAM	1	0	22.38	22.47	22.60	22.59	22.57	23.00
15	64QAM	1	37	22.52	22.37	22.63	22.57	22.39	23.00
15	64QAM	1	74	22.35	22.28	22.49	22.53	22.28	23.00
15	64QAM	36	0	21.44	21.44	21.49	21.50	21.38	22.00
15	64QAM	36	20	21.48	21.51	21.49	21.57	21.41	22.00
15	64QAM	36	39	21.44	21.41	21.59	21.46	21.36	22.00
15	64QAM	75	0	21.48	21.41	21.50	21.50	21.36	22.00
15	256QAM	1	0	19.31	19.41	19.51	19.44	19.35	20.00



FCC SAR TEST REPORT

Report No. :FA5O3114B

15	256QAM	1	37	19.32	19.47	19.48	19.41	19.34	20.00
15	256QAM	1	74	19.36	19.27	19.64	19.37	19.29	20.00
15	256QAM	36	0	19.44	19.57	19.49	19.52	19.41	20.00
15	256QAM	36	20	19.52	19.53	19.53	19.62	19.40	20.00
15	256QAM	36	39	19.40	19.45	19.56	19.51	19.35	20.00
15	256QAM	75	0	19.50	19.43	19.49	19.49	19.39	20.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	24.27	24.52	24.53	24.57	24.45	25.00
10	QPSK	1	25	24.37	24.33	24.42	24.53	24.39	25.00
10	QPSK	1	49	24.36	24.30	24.46	24.53	24.35	25.00
10	QPSK	25	0	23.45	23.59	23.52	23.53	23.38	24.00
10	QPSK	25	12	23.32	23.53	23.52	23.57	23.36	24.00
10	QPSK	25	25	23.47	23.42	23.55	23.59	23.48	24.00
10	QPSK	50	0	23.38	23.54	23.51	23.48	23.42	24.00
10	16QAM	1	0	23.21	23.39	23.60	23.44	23.50	24.00
10	16QAM	1	25	23.39	23.34	23.47	23.45	23.35	24.00
10	16QAM	1	49	23.22	23.21	23.39	23.37	23.25	24.00
10	16QAM	25	0	22.43	22.53	22.50	22.51	22.39	23.00
10	16QAM	25	12	22.52	22.52	22.46	22.53	22.38	23.00
10	16QAM	25	25	22.52	22.38	22.51	22.49	22.49	23.00
10	16QAM	50	0	22.55	22.50	22.53	22.55	22.36	23.00
10	64QAM	1	0	22.31	22.53	22.58	22.62	22.55	23.00
10	64QAM	1	25	22.62	22.29	22.63	22.56	22.39	23.00
10	64QAM	1	49	22.21	22.35	22.39	22.44	22.38	23.00
10	64QAM	25	0	21.43	21.48	21.44	21.54	21.37	22.00
10	64QAM	25	12	21.46	21.43	21.54	21.54	21.36	22.00
10	64QAM	25	25	21.44	21.46	21.55	21.55	21.40	22.00
10	64QAM	50	0	21.52	21.53	21.57	21.49	21.33	22.00
10	256QAM	1	0	19.38	19.40	19.59	19.46	19.41	20.00
10	256QAM	1	25	19.32	19.47	19.47	19.40	19.35	20.00
10	256QAM	1	49	19.38	19.27	19.58	19.41	19.34	20.00
10	256QAM	25	0	19.39	19.47	19.53	19.45	19.47	20.00
10	256QAM	25	12	19.41	19.56	19.56	19.51	19.31	20.00
10	256QAM	25	25	19.43	19.43	19.66	19.52	19.40	20.00
10	256QAM	50	0	19.43	19.42	19.57	19.51	19.34	20.00
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	24.27	24.59	24.61	24.47	24.35	25.00
5	QPSK	1	12	24.31	24.32	24.42	24.42	24.31	25.00
5	QPSK	1	24	24.36	24.21	24.45	24.49	24.29	25.00
5	QPSK	12	0	23.41	23.59	23.60	23.59	23.36	24.00
5	QPSK	12	7	23.39	23.46	23.54	23.57	23.43	24.00
5	QPSK	12	13	23.40	23.37	23.54	23.48	23.44	24.00
5	QPSK	25	0	23.48	23.60	23.49	23.53	23.32	24.00
5	16QAM	1	0	23.23	23.47	23.62	23.48	23.48	24.00
5	16QAM	1	12	23.46	23.34	23.46	23.54	23.37	24.00
5	16QAM	1	24	23.25	23.15	23.40	23.44	23.26	24.00
5	16QAM	12	0	22.40	22.46	22.53	22.52	22.37	23.00
5	16QAM	12	7	22.52	22.44	22.55	22.51	22.33	23.00
5	16QAM	12	13	22.47	22.38	22.51	22.58	22.46	23.00
5	16QAM	25	0	22.56	22.50	22.48	22.53	22.39	23.00
5	64QAM	1	0	22.29	22.50	22.51	22.55	22.50	23.00
5	64QAM	1	12	22.50	22.35	22.58	22.56	22.41	23.00
5	64QAM	1	24	22.25	22.39	22.49	22.46	22.33	23.00
5	64QAM	12	0	21.39	21.48	21.50	21.56	21.42	22.00
5	64QAM	12	7	21.42	21.44	21.54	21.52	21.33	22.00
5	64QAM	12	13	21.49	21.47	21.56	21.58	21.43	22.00
5	64QAM	25	0	21.44	21.46	21.58	21.55	21.41	22.00
5	256QAM	1	0	19.37	19.41	19.60	19.50	19.41	20.00
5	256QAM	1	12	19.36	19.44	19.50	19.46	19.34	20.00
5	256QAM	1	24	19.42	19.37	19.63	19.43	19.34	20.00
5	256QAM	12	0	19.40	19.59	19.60	19.57	19.38	20.00
5	256QAM	12	7	19.48	19.56	19.58	19.56	19.37	20.00
5	256QAM	12	13	19.49	19.51	19.59	19.55	19.31	20.00
5	256QAM	25	0	19.47	19.41	19.50	19.48	19.43	20.00

【LTE Band 41 FCC (2496~2690MHz) 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	24.41	24.64	24.63	24.58	24.48	25.00
20	QPSK	1	49	24.39	24.45	24.54	24.55	24.45	25.00
20	QPSK	1	99	24.39	24.32	24.54	24.55	24.38	25.00
20	QPSK	50	0	23.54	23.65	23.63	23.62	23.50	24.00
20	QPSK	50	24	23.42	23.55	23.58	23.59	23.47	24.00
20	QPSK	50	50	23.51	23.49	23.58	23.61	23.49	24.00
20	QPSK	100	0	23.52	23.64	23.57	23.55	23.45	24.00
20	16QAM	1	0	23.33	23.53	23.72	23.56	23.52	24.00
20	16QAM	1	49	23.53	23.48	23.58	23.59	23.46	24.00
20	16QAM	1	99	23.36	23.30	23.48	23.51	23.39	24.00
20	16QAM	50	0	22.52	22.59	22.60	22.58	22.46	23.00
20	16QAM	50	24	22.56	22.57	22.58	22.65	22.46	23.00
20	16QAM	50	50	22.56	22.50	22.65	22.61	22.51	23.00
20	16QAM	100	0	22.57	22.55	22.57	22.64	22.43	23.00
20	64QAM	1	0	22.43	22.55	22.66	22.64	22.61	23.00
20	64QAM	1	49	22.63	22.44	22.68	22.68	22.46	23.00
20	64QAM	1	99	22.36	22.41	22.52	22.59	22.42	23.00
20	64QAM	50	0	21.46	21.59	21.58	21.59	21.48	22.00
20	64QAM	50	24	21.57	21.57	21.60	21.66	21.44	22.00
20	64QAM	50	50	21.56	21.52	21.67	21.61	21.49	22.00
20	64QAM	100	0	21.54	21.56	21.60	21.64	21.46	22.00
20	256QAM	1	0	19.40	19.48	19.66	19.55	19.47	20.00
20	256QAM	1	49	19.41	19.48	19.52	19.50	19.41	20.00
20	256QAM	1	99	19.45	19.41	19.65	19.52	19.42	20.00
20	256QAM	50	0	19.47	19.61	19.62	19.59	19.50	20.00
20	256QAM	50	24	19.55	19.58	19.64	19.64	19.46	20.00
20	256QAM	50	50	19.55	19.53	19.70	19.59	19.46	20.00
20	256QAM	100	0	19.57	19.56	19.62	19.63	19.46	20.00
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	24.34	24.62	24.62	24.47	24.47	25.00
15	QPSK	1	37	24.33	24.39	24.47	24.40	24.33	25.00
15	QPSK	1	74	24.35	24.20	24.49	24.43	24.32	25.00
15	QPSK	36	0	23.50	23.55	23.49	23.60	23.39	24.00
15	QPSK	36	20	23.38	23.45	23.43	23.45	23.34	24.00
15	QPSK	36	39	23.48	23.39	23.48	23.47	23.38	24.00
15	QPSK	75	0	23.50	23.62	23.52	23.42	23.31	24.00
15	16QAM	1	0	23.31	23.42	23.67	23.45	23.44	24.00
15	16QAM	1	37	23.45	23.42	23.52	23.50	23.40	24.00
15	16QAM	1	74	23.34	23.20	23.36	23.47	23.24	24.00
15	16QAM	36	0	22.47	22.51	22.56	22.49	22.34	23.00
15	16QAM	36	20	22.46	22.54	22.51	22.56	22.42	23.00
15	16QAM	36	39	22.44	22.45	22.62	22.58	22.44	23.00
15	16QAM	75	0	22.45	22.47	22.54	22.55	22.30	23.00
15	64QAM	1	0	22.38	22.47	22.60	22.59	22.57	23.00
15	64QAM	1	37	22.52	22.37	22.63	22.57	22.39	23.00
15	64QAM	1	74	22.35	22.28	22.49	22.53	22.28	23.00
15	64QAM	36	0	21.44	21.44	21.49	21.50	21.38	22.00
15	64QAM	36	20	21.48	21.51	21.49	21.57	21.41	22.00
15	64QAM	36	39	21.44	21.41	21.59	21.46	21.36	22.00
15	64QAM	75	0	21.48	21.41	21.50	21.50	21.36	22.00
15	256QAM	1	0	19.31	19.41	19.51	19.44	19.35	20.00
15	256QAM	1	37	19.32	19.47	19.48	19.41	19.34	20.00
15	256QAM	1	74	19.36	19.27	19.64	19.37	19.29	20.00
15	256QAM	36	0	19.44	19.57	19.49	19.52	19.41	20.00
15	256QAM	36	20	19.52	19.53	19.53	19.62	19.40	20.00
15	256QAM	36	39	19.40	19.45	19.56	19.51	19.35	20.00
15	256QAM	75	0	19.50	19.43	19.49	19.49	19.39	20.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	24.27	24.52	24.53	24.57	24.45	25.00
10	QPSK	1	25	24.37	24.33	24.42	24.53	24.39	25.00
10	QPSK	1	49	24.36	24.30	24.46	24.53	24.35	25.00
10	QPSK	25	0	23.45	23.59	23.52	23.53	23.38	24.00
10	QPSK	25	12	23.32	23.53	23.52	23.57	23.36	24.00
10	QPSK	25	25	23.47	23.42	23.55	23.59	23.48	24.00
10	QPSK	50	0	23.38	23.54	23.51	23.48	23.42	24.00
10	16QAM	1	0	23.21	23.39	23.60	23.44	23.50	24.00
10	16QAM	1	25	23.39	23.34	23.47	23.45	23.35	24.00

10	16QAM	1	49	23.22	23.21	23.39	23.37	23.25	24.00
10	16QAM	25	0	22.43	22.53	22.50	22.51	22.39	23.00
10	16QAM	25	12	22.52	22.52	22.46	22.53	22.38	23.00
10	16QAM	25	25	22.52	22.38	22.51	22.49	22.49	23.00
10	16QAM	50	0	22.55	22.50	22.53	22.55	22.36	23.00
10	64QAM	1	0	22.31	22.53	22.58	22.62	22.55	23.00
10	64QAM	1	25	22.62	22.29	22.63	22.56	22.39	23.00
10	64QAM	1	49	22.21	22.35	22.39	22.44	22.38	23.00
10	64QAM	25	0	21.43	21.48	21.44	21.54	21.37	22.00
10	64QAM	25	12	21.46	21.43	21.54	21.54	21.36	22.00
10	64QAM	25	25	21.44	21.46	21.55	21.55	21.40	22.00
10	64QAM	50	0	21.52	21.53	21.57	21.49	21.33	22.00
10	256QAM	1	0	19.38	19.40	19.59	19.46	19.41	20.00
10	256QAM	1	25	19.32	19.47	19.47	19.40	19.35	20.00
10	256QAM	1	49	19.38	19.27	19.58	19.41	19.34	20.00
10	256QAM	25	0	19.39	19.47	19.53	19.45	19.47	20.00
10	256QAM	25	12	19.41	19.56	19.56	19.51	19.31	20.00
10	256QAM	25	25	19.43	19.43	19.66	19.52	19.40	20.00
10	256QAM	50	0	19.43	19.42	19.57	19.51	19.34	20.00
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	24.27	24.59	24.61	24.47	24.35	25.00
5	QPSK	1	12	24.31	24.32	24.42	24.42	24.31	25.00
5	QPSK	1	24	24.36	24.21	24.45	24.49	24.29	25.00
5	QPSK	12	0	23.41	23.59	23.60	23.59	23.36	24.00
5	QPSK	12	7	23.39	23.46	23.54	23.57	23.43	24.00
5	QPSK	12	13	23.40	23.37	23.54	23.48	23.44	24.00
5	QPSK	25	0	23.48	23.60	23.49	23.53	23.32	24.00
5	16QAM	1	0	23.23	23.47	23.62	23.48	23.48	24.00
5	16QAM	1	12	23.46	23.34	23.46	23.54	23.37	24.00
5	16QAM	1	24	23.25	23.15	23.40	23.44	23.26	24.00
5	16QAM	12	0	22.40	22.46	22.53	22.52	22.37	23.00
5	16QAM	12	7	22.52	22.44	22.55	22.51	22.33	23.00
5	16QAM	12	13	22.47	22.38	22.51	22.58	22.46	23.00
5	16QAM	25	0	22.56	22.50	22.48	22.53	22.39	23.00
5	64QAM	1	0	22.29	22.50	22.51	22.55	22.50	23.00
5	64QAM	1	12	22.50	22.35	22.58	22.56	22.41	23.00
5	64QAM	1	24	22.25	22.39	22.49	22.46	22.33	23.00
5	64QAM	12	0	21.39	21.48	21.50	21.56	21.42	22.00
5	64QAM	12	7	21.42	21.44	21.54	21.52	21.33	22.00
5	64QAM	12	13	21.49	21.47	21.56	21.58	21.43	22.00
5	64QAM	25	0	21.44	21.46	21.58	21.55	21.41	22.00
5	256QAM	1	0	19.37	19.41	19.60	19.50	19.41	20.00
5	256QAM	1	12	19.36	19.44	19.50	19.46	19.34	20.00
5	256QAM	1	24	19.42	19.37	19.63	19.43	19.34	20.00
5	256QAM	12	0	19.40	19.59	19.60	19.57	19.38	20.00
5	256QAM	12	7	19.48	19.56	19.58	19.56	19.37	20.00
5	256QAM	12	13	19.49	19.51	19.59	19.55	19.31	20.00
5	256QAM	25	0	19.47	19.41	19.50	19.48	19.43	20.00

【LTE Band 41 _ FCC (2496~2690MHz) _ Ant 8 _ DSI 1】

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	24.41	24.64	24.63	24.58	24.48	25.00
20	QPSK	1	49	24.39	24.45	24.54	24.55	24.45	25.00
20	QPSK	1	99	24.39	24.32	24.54	24.55	24.38	25.00
20	QPSK	50	0	23.54	23.65	23.63	23.62	23.50	24.00
20	QPSK	50	24	23.42	23.55	23.58	23.59	23.47	24.00
20	QPSK	50	50	23.51	23.49	23.58	23.61	23.49	24.00
20	QPSK	100	0	23.52	23.64	23.57	23.55	23.45	24.00
20	16QAM	1	0	23.33	23.53	23.72	23.56	23.52	24.00
20	16QAM	1	49	23.53	23.48	23.58	23.59	23.46	24.00
20	16QAM	1	99	23.36	23.30	23.48	23.51	23.39	24.00
20	16QAM	50	0	22.52	22.59	22.60	22.58	22.46	23.00
20	16QAM	50	24	22.56	22.57	22.58	22.65	22.46	23.00
20	16QAM	50	50	22.56	22.50	22.65	22.61	22.51	23.00
20	16QAM	100	0	22.57	22.55	22.57	22.64	22.43	23.00
20	64QAM	1	0	22.43	22.55	22.66	22.64	22.61	23.00
20	64QAM	1	49	22.63	22.44	22.68	22.68	22.46	23.00
20	64QAM	1	99	22.36	22.41	22.52	22.59	22.42	23.00

20	64QAM	50	0	21.46	21.59	21.58	21.59	21.48	22.00
20	64QAM	50	24	21.57	21.57	21.60	21.66	21.44	22.00
20	64QAM	50	50	21.56	21.52	21.67	21.61	21.49	22.00
20	64QAM	100	0	21.54	21.56	21.60	21.64	21.46	22.00
20	256QAM	1	0	19.40	19.48	19.66	19.55	19.47	20.00
20	256QAM	1	49	19.41	19.48	19.52	19.50	19.41	20.00
20	256QAM	1	99	19.45	19.41	19.65	19.52	19.42	20.00
20	256QAM	50	0	19.47	19.61	19.62	19.59	19.50	20.00
20	256QAM	50	24	19.55	19.58	19.64	19.64	19.46	20.00
20	256QAM	50	50	19.55	19.53	19.70	19.59	19.46	20.00
20	256QAM	100	0	19.57	19.56	19.62	19.63	19.46	20.00
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	24.34	24.62	24.62	24.47	24.47	25.00
15	QPSK	1	37	24.33	24.39	24.47	24.40	24.33	25.00
15	QPSK	1	74	24.35	24.20	24.49	24.43	24.32	25.00
15	QPSK	36	0	23.50	23.55	23.49	23.60	23.39	24.00
15	QPSK	36	20	23.38	23.45	23.43	23.45	23.34	24.00
15	QPSK	36	39	23.48	23.39	23.48	23.47	23.38	24.00
15	QPSK	75	0	23.50	23.62	23.52	23.42	23.31	24.00
15	16QAM	1	0	23.31	23.42	23.67	23.45	23.44	24.00
15	16QAM	1	37	23.45	23.42	23.52	23.50	23.40	24.00
15	16QAM	1	74	23.34	23.20	23.36	23.47	23.24	24.00
15	16QAM	36	0	22.47	22.51	22.56	22.49	22.34	23.00
15	16QAM	36	20	22.46	22.54	22.51	22.56	22.42	23.00
15	16QAM	36	39	22.44	22.45	22.62	22.58	22.44	23.00
15	16QAM	75	0	22.45	22.47	22.54	22.55	22.30	23.00
15	64QAM	1	0	22.38	22.47	22.60	22.59	22.57	23.00
15	64QAM	1	37	22.52	22.37	22.63	22.57	22.39	23.00
15	64QAM	1	74	22.35	22.28	22.49	22.53	22.28	23.00
15	64QAM	36	0	21.44	21.44	21.49	21.50	21.38	22.00
15	64QAM	36	20	21.48	21.51	21.49	21.57	21.41	22.00
15	64QAM	36	39	21.44	21.41	21.59	21.46	21.36	22.00
15	64QAM	75	0	21.48	21.41	21.50	21.50	21.36	22.00
15	256QAM	1	0	19.31	19.41	19.51	19.44	19.35	20.00
15	256QAM	1	37	19.32	19.47	19.48	19.41	19.34	20.00
15	256QAM	1	74	19.36	19.27	19.64	19.37	19.29	20.00
15	256QAM	36	0	19.44	19.57	19.49	19.52	19.41	20.00
15	256QAM	36	20	19.52	19.53	19.53	19.62	19.40	20.00
15	256QAM	36	39	19.40	19.45	19.56	19.51	19.35	20.00
15	256QAM	75	0	19.50	19.43	19.49	19.49	19.39	20.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	24.27	24.52	24.53	24.57	24.45	25.00
10	QPSK	1	25	24.37	24.33	24.42	24.53	24.39	25.00
10	QPSK	1	49	24.36	24.30	24.46	24.53	24.35	25.00
10	QPSK	25	0	23.45	23.59	23.52	23.53	23.38	24.00
10	QPSK	25	12	23.32	23.53	23.52	23.57	23.36	24.00
10	QPSK	25	25	23.47	23.42	23.55	23.59	23.48	24.00
10	QPSK	50	0	23.38	23.54	23.51	23.48	23.42	24.00
10	16QAM	1	0	23.21	23.39	23.60	23.44	23.50	24.00
10	16QAM	1	25	23.39	23.34	23.47	23.45	23.35	24.00
10	16QAM	1	49	23.22	23.21	23.39	23.37	23.25	24.00
10	16QAM	25	0	22.43	22.53	22.50	22.51	22.39	23.00
10	16QAM	25	12	22.52	22.52	22.46	22.53	22.38	23.00
10	16QAM	25	25	22.52	22.38	22.51	22.49	22.49	23.00
10	16QAM	50	0	22.55	22.50	22.53	22.55	22.36	23.00
10	64QAM	1	0	22.31	22.53	22.58	22.62	22.55	23.00
10	64QAM	1	25	22.62	22.29	22.63	22.56	22.39	23.00
10	64QAM	1	49	22.21	22.35	22.39	22.44	22.38	23.00
10	64QAM	25	0	21.43	21.48	21.44	21.54	21.37	22.00
10	64QAM	25	12	21.46	21.43	21.54	21.54	21.36	22.00
10	64QAM	25	25	21.44	21.46	21.55	21.55	21.40	22.00
10	64QAM	50	0	21.52	21.53	21.57	21.49	21.33	22.00
10	256QAM	1	0	19.38	19.40	19.59	19.46	19.41	20.00
10	256QAM	1	25	19.32	19.47	19.47	19.40	19.35	20.00
10	256QAM	1	49	19.38	19.27	19.58	19.41	19.34	20.00
10	256QAM	25	0	19.39	19.47	19.53	19.45	19.47	20.00
10	256QAM	25	12	19.41	19.56	19.56	19.51	19.31	20.00
10	256QAM	25	25	19.43	19.43	19.66	19.52	19.40	20.00
10	256QAM	50	0	19.43	19.42	19.57	19.51	19.34	20.00
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	24.27	24.59	24.61	24.47	24.35	25.00
5	QPSK	1	12	24.31	24.32	24.42	24.42	24.31	25.00

5	QPSK	1	24	24.36	24.21	24.45	24.49	24.29	25.00
5	QPSK	12	0	23.41	23.59	23.60	23.59	23.36	24.00
5	QPSK	12	7	23.39	23.46	23.54	23.57	23.43	24.00
5	QPSK	12	13	23.40	23.37	23.54	23.48	23.44	24.00
5	QPSK	25	0	23.48	23.60	23.49	23.53	23.32	24.00
5	16QAM	1	0	23.23	23.47	23.62	23.48	23.48	24.00
5	16QAM	1	12	23.46	23.34	23.46	23.54	23.37	24.00
5	16QAM	1	24	23.25	23.15	23.40	23.44	23.26	24.00
5	16QAM	12	0	22.40	22.46	22.53	22.52	22.37	23.00
5	16QAM	12	7	22.52	22.44	22.55	22.51	22.33	23.00
5	16QAM	12	13	22.47	22.38	22.51	22.58	22.46	23.00
5	16QAM	25	0	22.56	22.50	22.48	22.53	22.39	23.00
5	64QAM	1	0	22.29	22.50	22.51	22.55	22.50	23.00
5	64QAM	1	12	22.50	22.35	22.58	22.56	22.41	23.00
5	64QAM	1	24	22.25	22.39	22.49	22.46	22.33	23.00
5	64QAM	12	0	21.39	21.48	21.50	21.56	21.42	22.00
5	64QAM	12	7	21.42	21.44	21.54	21.52	21.33	22.00
5	64QAM	12	13	21.49	21.47	21.56	21.58	21.43	22.00
5	64QAM	25	0	21.44	21.46	21.58	21.55	21.41	22.00
5	256QAM	1	0	19.37	19.41	19.60	19.50	19.41	20.00
5	256QAM	1	12	19.36	19.44	19.50	19.46	19.34	20.00
5	256QAM	1	24	19.42	19.37	19.63	19.43	19.34	20.00
5	256QAM	12	0	19.40	19.59	19.60	19.57	19.38	20.00
5	256QAM	12	7	19.48	19.56	19.58	19.56	19.37	20.00
5	256QAM	12	13	19.49	19.51	19.59	19.55	19.31	20.00
5	256QAM	25	0	19.47	19.41	19.50	19.48	19.43	20.00

【LTE Band 41_FCC (2496~2690MHz)_Ant 8_DSI 4】

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	24.41	24.64	24.63	24.58	24.48	25.00
20	QPSK	1	49	24.39	24.45	24.54	24.55	24.45	25.00
20	QPSK	1	99	24.39	24.32	24.54	24.55	24.38	25.00
20	QPSK	50	0	23.54	23.65	23.63	23.62	23.50	24.00
20	QPSK	50	24	23.42	23.55	23.58	23.59	23.47	24.00
20	QPSK	50	50	23.51	23.49	23.58	23.61	23.49	24.00
20	QPSK	100	0	23.52	23.64	23.57	23.55	23.45	24.00
20	16QAM	1	0	23.33	23.53	23.72	23.56	23.52	24.00
20	16QAM	1	49	23.53	23.48	23.58	23.59	23.46	24.00
20	16QAM	1	99	23.36	23.30	23.48	23.51	23.39	24.00
20	16QAM	50	0	22.52	22.59	22.60	22.58	22.46	23.00
20	16QAM	50	24	22.56	22.57	22.58	22.65	22.46	23.00
20	16QAM	50	50	22.56	22.50	22.65	22.61	22.51	23.00
20	16QAM	100	0	22.57	22.55	22.57	22.64	22.43	23.00
20	64QAM	1	0	22.43	22.55	22.66	22.64	22.61	23.00
20	64QAM	1	49	22.63	22.44	22.68	22.68	22.46	23.00
20	64QAM	1	99	22.36	22.41	22.52	22.59	22.42	23.00
20	64QAM	50	0	21.46	21.59	21.58	21.59	21.48	22.00
20	64QAM	50	24	21.57	21.57	21.60	21.66	21.44	22.00
20	64QAM	50	50	21.56	21.52	21.67	21.61	21.49	22.00
20	64QAM	100	0	21.54	21.56	21.60	21.64	21.46	22.00
20	256QAM	1	0	19.40	19.48	19.66	19.55	19.47	20.00
20	256QAM	1	49	19.41	19.48	19.52	19.50	19.41	20.00
20	256QAM	1	99	19.45	19.41	19.65	19.52	19.42	20.00
20	256QAM	50	0	19.47	19.61	19.62	19.59	19.50	20.00
20	256QAM	50	24	19.55	19.58	19.64	19.64	19.46	20.00
20	256QAM	50	50	19.55	19.53	19.70	19.59	19.46	20.00
20	256QAM	100	0	19.57	19.56	19.62	19.63	19.46	20.00
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	24.34	24.62	24.62	24.47	24.47	25.00
15	QPSK	1	37	24.33	24.39	24.47	24.40	24.33	25.00
15	QPSK	1	74	24.35	24.20	24.49	24.43	24.32	25.00
15	QPSK	36	0	23.50	23.55	23.49	23.60	23.39	24.00
15	QPSK	36	20	23.38	23.45	23.43	23.45	23.34	24.00
15	QPSK	36	39	23.48	23.39	23.48	23.47	23.38	24.00
15	QPSK	75	0	23.50	23.62	23.52	23.42	23.31	24.00
15	16QAM	1	0	23.31	23.42	23.67	23.45	23.44	24.00
15	16QAM	1	37	23.45	23.42	23.52	23.50	23.40	24.00
15	16QAM	1	74	23.34	23.20	23.36	23.47	23.24	24.00

15	16QAM	36	0	22.47	22.51	22.56	22.49	22.34	23.00
15	16QAM	36	20	22.46	22.54	22.51	22.56	22.42	23.00
15	16QAM	36	39	22.44	22.45	22.62	22.58	22.44	23.00
15	16QAM	75	0	22.45	22.47	22.54	22.55	22.30	23.00
15	64QAM	1	0	22.38	22.47	22.60	22.59	22.57	23.00
15	64QAM	1	37	22.52	22.37	22.63	22.57	22.39	23.00
15	64QAM	1	74	22.35	22.28	22.49	22.53	22.28	23.00
15	64QAM	36	0	21.44	21.44	21.49	21.50	21.38	22.00
15	64QAM	36	20	21.48	21.51	21.49	21.57	21.41	22.00
15	64QAM	36	39	21.44	21.41	21.59	21.46	21.36	22.00
15	64QAM	75	0	21.48	21.41	21.50	21.50	21.36	22.00
15	256QAM	1	0	19.31	19.41	19.51	19.44	19.35	20.00
15	256QAM	1	37	19.32	19.47	19.48	19.41	19.34	20.00
15	256QAM	1	74	19.36	19.27	19.64	19.37	19.29	20.00
15	256QAM	36	0	19.44	19.57	19.49	19.52	19.41	20.00
15	256QAM	36	20	19.52	19.53	19.53	19.62	19.40	20.00
15	256QAM	36	39	19.40	19.45	19.56	19.51	19.35	20.00
15	256QAM	75	0	19.50	19.43	19.49	19.49	19.39	20.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	24.27	24.52	24.53	24.57	24.45	25.00
10	QPSK	1	25	24.37	24.33	24.42	24.53	24.39	25.00
10	QPSK	1	49	24.36	24.30	24.46	24.53	24.35	25.00
10	QPSK	25	0	23.45	23.59	23.52	23.53	23.38	24.00
10	QPSK	25	12	23.32	23.53	23.52	23.57	23.36	24.00
10	QPSK	25	25	23.47	23.42	23.55	23.59	23.48	24.00
10	QPSK	50	0	23.38	23.54	23.51	23.48	23.42	24.00
10	16QAM	1	0	23.21	23.39	23.60	23.44	23.50	24.00
10	16QAM	1	25	23.39	23.34	23.47	23.45	23.35	24.00
10	16QAM	1	49	23.22	23.21	23.39	23.37	23.25	24.00
10	16QAM	25	0	22.43	22.53	22.50	22.51	22.39	23.00
10	16QAM	25	12	22.52	22.52	22.46	22.53	22.38	23.00
10	16QAM	25	25	22.52	22.38	22.51	22.49	22.49	23.00
10	16QAM	50	0	22.55	22.50	22.53	22.55	22.36	23.00
10	64QAM	1	0	22.31	22.53	22.58	22.62	22.55	23.00
10	64QAM	1	25	22.62	22.29	22.63	22.56	22.39	23.00
10	64QAM	1	49	22.21	22.35	22.39	22.44	22.38	23.00
10	64QAM	25	0	21.43	21.48	21.44	21.54	21.37	22.00
10	64QAM	25	12	21.46	21.43	21.54	21.54	21.36	22.00
10	64QAM	25	25	21.44	21.46	21.55	21.55	21.40	22.00
10	64QAM	50	0	21.52	21.53	21.57	21.49	21.33	22.00
10	256QAM	1	0	19.38	19.40	19.59	19.46	19.41	20.00
10	256QAM	1	25	19.32	19.47	19.47	19.40	19.35	20.00
10	256QAM	1	49	19.38	19.27	19.58	19.41	19.34	20.00
10	256QAM	25	0	19.39	19.47	19.53	19.45	19.47	20.00
10	256QAM	25	12	19.41	19.56	19.56	19.51	19.31	20.00
10	256QAM	25	25	19.43	19.43	19.66	19.52	19.40	20.00
10	256QAM	50	0	19.43	19.42	19.57	19.51	19.34	20.00
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	24.27	24.59	24.61	24.47	24.35	25.00
5	QPSK	1	12	24.31	24.32	24.42	24.42	24.31	25.00
5	QPSK	1	24	24.36	24.21	24.45	24.49	24.29	25.00
5	QPSK	12	0	23.41	23.59	23.60	23.59	23.36	24.00
5	QPSK	12	7	23.39	23.46	23.54	23.57	23.43	24.00
5	QPSK	12	13	23.40	23.37	23.54	23.48	23.44	24.00
5	QPSK	25	0	23.48	23.60	23.49	23.53	23.32	24.00
5	16QAM	1	0	23.23	23.47	23.62	23.48	23.48	24.00
5	16QAM	1	12	23.46	23.34	23.46	23.54	23.37	24.00
5	16QAM	1	24	23.25	23.15	23.40	23.44	23.26	24.00
5	16QAM	12	0	22.40	22.46	22.53	22.52	22.37	23.00
5	16QAM	12	7	22.52	22.44	22.55	22.51	22.33	23.00
5	16QAM	12	13	22.47	22.38	22.51	22.58	22.46	23.00
5	16QAM	25	0	22.56	22.50	22.48	22.53	22.39	23.00
5	64QAM	1	0	22.29	22.50	22.51	22.55	22.50	23.00
5	64QAM	1	12	22.50	22.35	22.58	22.56	22.41	23.00
5	64QAM	1	24	22.25	22.39	22.49	22.46	22.33	23.00
5	64QAM	12	0	21.39	21.48	21.50	21.56	21.42	22.00
5	64QAM	12	7	21.42	21.44	21.54	21.52	21.33	22.00
5	64QAM	12	13	21.49	21.47	21.56	21.58	21.43	22.00
5	64QAM	25	0	21.44	21.46	21.58	21.55	21.41	22.00
5	256QAM	1	0	19.37	19.41	19.60	19.50	19.41	20.00
5	256QAM	1	12	19.36	19.44	19.50	19.46	19.34	20.00
5	256QAM	1	24	19.42	19.37	19.63	19.43	19.34	20.00
5	256QAM	12	0	19.40	19.59	19.60	19.57	19.38	20.00
5	256QAM	12	7	19.48	19.56	19.58	19.56	19.37	20.00

5	256QAM	12	13	19.49	19.51	19.59	19.55	19.31	20.00
5	256QAM	25	0	19.47	19.41	19.50	19.48	19.43	20.00

【LTE Band 41_FCC (2496~2690MHz)_HPUE_Ant 8_DSI 0】

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	26.38	26.56	26.54	26.55	26.50	27.00
20	QPSK	1	49	26.40	26.42	26.53	26.45	26.45	27.00
20	QPSK	1	99	26.39	26.25	26.51	26.50	26.37	27.00
20	QPSK	50	0	25.47	25.58	25.61	25.61	25.51	26.00
20	QPSK	50	24	25.56	25.57	25.61	25.67	25.48	26.00
20	QPSK	50	50	25.51	25.49	25.66	25.62	25.54	26.00
20	QPSK	100	0	25.54	25.55	25.58	25.65	25.47	26.00
20	16QAM	1	0	25.64	25.55	25.81	25.71	25.71	26.00
20	16QAM	1	49	25.67	25.78	25.78	25.72	25.66	26.00
20	16QAM	1	99	25.43	25.46	25.68	25.58	25.48	26.00
20	16QAM	50	0	24.48	24.61	24.64	24.64	24.52	25.00
20	16QAM	50	24	24.54	24.58	24.60	24.68	24.50	25.00
20	16QAM	50	50	24.52	24.53	24.66	24.64	24.53	25.00
20	16QAM	100	0	24.51	24.57	24.58	24.66	24.46	25.00
20	64QAM	1	0	24.63	24.84	24.98	24.80	24.84	25.00
20	64QAM	1	49	24.89	24.74	24.84	24.69	24.82	25.00
20	64QAM	1	99	24.54	24.56	24.77	24.68	24.76	25.00
20	64QAM	50	0	23.49	23.59	23.65	23.62	23.51	24.00
20	64QAM	50	24	23.58	23.60	23.61	23.70	23.49	24.00
20	64QAM	50	50	23.53	23.52	23.67	23.60	23.51	24.00
20	64QAM	100	0	23.61	23.57	23.63	23.65	23.47	24.00
20	256QAM	1	0	21.55	21.67	21.82	21.67	21.71	22.00
20	256QAM	1	49	21.55	21.66	21.82	21.71	21.63	22.00
20	256QAM	1	99	21.67	21.63	21.59	21.72	21.57	22.00
20	256QAM	50	0	21.48	21.59	21.62	21.62	21.53	22.00
20	256QAM	50	24	21.54	21.60	21.60	21.67	21.48	22.00
20	256QAM	50	50	21.56	21.56	21.65	21.63	21.51	22.00
20	256QAM	100	0	21.54	21.60	21.58	21.66	21.49	22.00
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	26.36	26.55	26.50	26.50	26.46	27.00
15	QPSK	1	37	26.29	26.37	26.42	26.33	26.38	27.00
15	QPSK	1	74	26.27	26.15	26.46	26.39	26.35	27.00
15	QPSK	36	0	25.36	25.43	25.54	25.47	25.44	26.00
15	QPSK	36	20	25.44	25.45	25.50	25.57	25.35	26.00
15	QPSK	36	39	25.45	25.45	25.59	25.58	25.46	26.00
15	QPSK	75	0	25.52	25.43	25.54	25.56	25.37	26.00
15	16QAM	1	0	25.52	25.50	25.71	25.57	25.60	26.00
15	16QAM	1	37	25.63	25.75	25.64	25.61	25.61	26.00
15	16QAM	1	74	25.41	25.34	25.62	25.49	25.37	26.00
15	16QAM	36	0	24.36	24.53	24.50	24.54	24.37	25.00
15	16QAM	36	20	24.42	24.53	24.48	24.63	24.49	25.00
15	16QAM	36	39	24.49	24.44	24.62	24.60	24.52	25.00
15	16QAM	75	0	24.39	24.43	24.49	24.55	24.34	25.00
15	64QAM	1	0	24.54	24.77	24.84	24.78	24.75	25.00
15	64QAM	1	37	24.83	24.67	24.77	24.63	24.68	25.00
15	64QAM	1	74	24.48	24.49	24.75	24.58	24.69	25.00
15	64QAM	36	0	23.37	23.55	23.51	23.47	23.49	24.00
15	64QAM	36	20	23.47	23.50	23.50	23.63	23.36	24.00
15	64QAM	36	39	23.48	23.38	23.64	23.48	23.46	24.00
15	64QAM	75	0	23.56	23.56	23.56	23.53	23.37	24.00
15	256QAM	1	0	21.43	21.62	21.76	21.66	21.62	22.00
15	256QAM	1	37	21.48	21.62	21.72	21.66	21.60	22.00
15	256QAM	1	74	21.60	21.48	21.45	21.62	21.42	22.00
15	256QAM	36	0	21.35	21.45	21.54	21.50	21.43	22.00
15	256QAM	36	20	21.40	21.46	21.55	21.60	21.45	22.00
15	256QAM	36	39	21.46	21.54	21.61	21.48	21.41	22.00
15	256QAM	75	0	21.41	21.59	21.49	21.52	21.39	22.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	26.27	26.47	26.51	26.48	26.44	27.00
10	QPSK	1	25	26.37	26.35	26.48	26.32	26.38	27.00
10	QPSK	1	49	26.33	26.11	26.38	26.38	26.31	27.00

10	QPSK	25	0	25.38	25.48	25.48	25.48	25.50	26.00
10	QPSK	25	12	25.48	25.53	25.47	25.58	25.39	26.00
10	QPSK	25	25	25.46	25.42	25.62	25.47	25.49	26.00
10	QPSK	50	0	25.48	25.50	25.48	25.55	25.36	26.00
10	16QAM	1	0	25.52	25.51	25.72	25.56	25.57	26.00
10	16QAM	1	25	25.60	25.66	25.69	25.63	25.64	26.00
10	16QAM	1	49	25.31	25.42	25.62	25.49	25.44	26.00
10	16QAM	25	0	24.42	24.47	24.59	24.53	24.43	25.00
10	16QAM	25	12	24.51	24.56	24.57	24.64	24.48	25.00
10	16QAM	25	25	24.43	24.44	24.65	24.49	24.51	25.00
10	16QAM	50	0	24.43	24.54	24.54	24.62	24.34	25.00
10	64QAM	1	0	24.53	24.73	24.92	24.79	24.80	25.00
10	64QAM	1	25	24.80	24.64	24.72	24.64	24.69	25.00
10	64QAM	1	49	24.48	24.55	24.63	24.64	24.71	25.00
10	64QAM	25	0	23.38	23.55	23.53	23.56	23.44	24.00
10	64QAM	25	12	23.52	23.48	23.48	23.58	23.37	24.00
10	64QAM	25	25	23.49	23.48	23.56	23.58	23.38	24.00
10	64QAM	50	0	23.46	23.51	23.50	23.53	23.39	24.00
10	256QAM	1	0	21.44	21.53	21.75	21.61	21.63	22.00
10	256QAM	1	25	21.44	21.53	21.81	21.57	21.62	22.00
10	256QAM	1	49	21.53	21.58	21.44	21.61	21.43	22.00
10	256QAM	25	0	21.39	21.58	21.57	21.50	21.48	22.00
10	256QAM	25	12	21.40	21.51	21.52	21.57	21.45	22.00
10	256QAM	25	25	21.46	21.45	21.61	21.55	21.41	22.00
10	256QAM	50	0	21.49	21.49	21.43	21.62	21.46	22.00
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	26.37	26.47	26.50	26.43	26.40	27.00
5	QPSK	1	12	26.32	26.40	26.51	26.44	26.41	27.00
5	QPSK	1	24	26.36	26.23	26.39	26.44	26.22	27.00
5	QPSK	12	0	25.43	25.46	25.55	25.52	25.39	26.00
5	QPSK	12	7	25.48	25.56	25.50	25.56	25.40	26.00
5	QPSK	12	13	25.39	25.42	25.55	25.52	25.41	26.00
5	QPSK	25	0	25.43	25.47	25.54	25.64	25.35	26.00
5	16QAM	1	0	25.57	25.42	25.68	25.69	25.56	26.00
5	16QAM	1	12	25.61	25.67	25.66	25.68	25.64	26.00
5	16QAM	1	24	25.38	25.35	25.55	25.43	25.46	26.00
5	16QAM	12	0	24.36	24.54	24.56	24.57	24.45	25.00
5	16QAM	12	7	24.46	24.57	24.55	24.65	24.38	25.00
5	16QAM	12	13	24.46	24.42	24.53	24.63	24.41	25.00
5	16QAM	25	0	24.50	24.53	24.48	24.63	24.45	25.00
5	64QAM	1	0	24.60	24.81	24.95	24.77	24.69	25.00
5	64QAM	1	12	24.74	24.70	24.72	24.54	24.76	25.00
5	64QAM	1	24	24.49	24.48	24.68	24.64	24.69	25.00
5	64QAM	12	0	23.46	23.50	23.52	23.49	23.47	24.00
5	64QAM	12	7	23.49	23.49	23.48	23.66	23.42	24.00
5	64QAM	12	13	23.51	23.41	23.53	23.52	23.45	24.00
5	64QAM	25	0	23.47	23.47	23.58	23.54	23.40	24.00
5	256QAM	1	0	21.41	21.54	21.78	21.62	21.61	22.00
5	256QAM	1	12	21.44	21.61	21.75	21.57	21.49	22.00
5	256QAM	1	24	21.52	21.54	21.44	21.57	21.42	22.00
5	256QAM	12	0	21.46	21.46	21.47	21.52	21.38	22.00
5	256QAM	12	7	21.46	21.55	21.56	21.65	21.33	22.00
5	256QAM	12	13	21.55	21.52	21.59	21.60	21.45	22.00
5	256QAM	25	0	21.46	21.58	21.55	21.57	21.40	22.00

【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	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	26.40	26.56	26.54	26.55	26.50	27.00
20	QPSK	1	49	26.38	26.42	26.53	26.45	26.45	27.00
20	QPSK	1	99	26.39	26.25	26.51	26.50	26.37	27.00
20	QPSK	50	0	25.57	25.58	25.61	25.61	25.51	26.00
20	QPSK	50	24	25.56	25.57	25.61	25.67	25.48	26.00
20	QPSK	50	50	25.51	25.49	25.66	25.62	25.54	26.00
20	QPSK	100	0	25.54	25.55	25.58	25.65	25.47	26.00
20	16QAM	1	0	25.64	25.55	25.81	25.71	25.71	26.00
20	16QAM	1	49	25.67	25.78	25.78	25.72	25.66	26.00
20	16QAM	1	99	25.43	25.46	25.68	25.58	25.48	26.00
20	16QAM	50	0	24.48	24.61	24.64	24.64	24.52	25.00

20	16QAM	50	24	24.54	24.58	24.60	24.68	24.50	25.00
20	16QAM	50	50	24.52	24.53	24.66	24.64	24.53	25.00
20	16QAM	100	0	24.51	24.57	24.58	24.66	24.46	25.00
20	64QAM	1	0	24.63	24.84	24.98	24.80	24.84	25.00
20	64QAM	1	49	24.89	24.74	24.84	24.69	24.82	25.00
20	64QAM	1	99	24.54	24.56	24.77	24.68	24.76	25.00
20	64QAM	50	0	23.49	23.59	23.65	23.62	23.51	24.00
20	64QAM	50	24	23.58	23.60	23.61	23.70	23.49	24.00
20	64QAM	50	50	23.53	23.52	23.67	23.60	23.51	24.00
20	64QAM	100	0	23.61	23.57	23.63	23.65	23.47	24.00
20	256QAM	1	0	21.55	21.67	21.82	21.67	21.71	22.00
20	256QAM	1	49	21.55	21.66	21.82	21.71	21.63	22.00
20	256QAM	1	99	21.67	21.63	21.59	21.72	21.57	22.00
20	256QAM	50	0	21.48	21.59	21.62	21.62	21.53	22.00
20	256QAM	50	24	21.54	21.60	21.60	21.67	21.48	22.00
20	256QAM	50	50	21.56	21.56	21.65	21.63	21.51	22.00
20	256QAM	100	0	21.54	21.60	21.58	21.66	21.49	22.00
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	26.36	26.55	26.50	26.50	26.46	27.00
15	QPSK	1	37	26.29	26.37	26.42	26.33	26.38	27.00
15	QPSK	1	74	26.27	26.15	26.46	26.39	26.35	27.00
15	QPSK	36	0	25.36	25.43	25.54	25.47	25.44	26.00
15	QPSK	36	20	25.44	25.45	25.50	25.57	25.35	26.00
15	QPSK	36	39	25.45	25.45	25.59	25.58	25.46	26.00
15	QPSK	75	0	25.52	25.43	25.54	25.56	25.37	26.00
15	16QAM	1	0	25.52	25.50	25.71	25.57	25.60	26.00
15	16QAM	1	37	25.63	25.75	25.64	25.61	25.61	26.00
15	16QAM	1	74	25.41	25.34	25.62	25.49	25.37	26.00
15	16QAM	36	0	24.36	24.53	24.50	24.54	24.37	25.00
15	16QAM	36	20	24.42	24.53	24.48	24.63	24.49	25.00
15	16QAM	36	39	24.49	24.44	24.62	24.60	24.52	25.00
15	16QAM	75	0	24.39	24.43	24.49	24.55	24.34	25.00
15	64QAM	1	0	24.54	24.77	24.84	24.78	24.75	25.00
15	64QAM	1	37	24.83	24.67	24.77	24.63	24.68	25.00
15	64QAM	1	74	24.48	24.49	24.75	24.58	24.69	25.00
15	64QAM	36	0	23.37	23.55	23.51	23.47	23.49	24.00
15	64QAM	36	20	23.47	23.50	23.50	23.63	23.36	24.00
15	64QAM	36	39	23.48	23.38	23.64	23.48	23.46	24.00
15	64QAM	75	0	23.56	23.56	23.56	23.53	23.37	24.00
15	256QAM	1	0	21.43	21.62	21.76	21.66	21.62	22.00
15	256QAM	1	37	21.48	21.62	21.72	21.66	21.60	22.00
15	256QAM	1	74	21.60	21.48	21.45	21.62	21.42	22.00
15	256QAM	36	0	21.35	21.45	21.54	21.50	21.43	22.00
15	256QAM	36	20	21.40	21.46	21.55	21.60	21.45	22.00
15	256QAM	36	39	21.46	21.54	21.61	21.48	21.41	22.00
15	256QAM	75	0	21.41	21.59	21.49	21.52	21.39	22.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	26.27	26.47	26.51	26.48	26.44	27.00
10	QPSK	1	25	26.37	26.35	26.48	26.32	26.38	27.00
10	QPSK	1	49	26.33	26.11	26.38	26.38	26.31	27.00
10	QPSK	25	0	25.38	25.48	25.48	25.48	25.50	26.00
10	QPSK	25	12	25.48	25.53	25.47	25.58	25.39	26.00
10	QPSK	25	25	25.46	25.42	25.62	25.47	25.49	26.00
10	QPSK	50	0	25.48	25.50	25.48	25.55	25.36	26.00
10	16QAM	1	0	25.52	25.51	25.72	25.56	25.57	26.00
10	16QAM	1	25	25.60	25.66	25.69	25.63	25.64	26.00
10	16QAM	1	49	25.31	25.42	25.62	25.49	25.44	26.00
10	16QAM	25	0	24.42	24.47	24.59	24.53	24.43	25.00
10	16QAM	25	12	24.51	24.56	24.57	24.64	24.48	25.00
10	16QAM	25	25	24.43	24.44	24.65	24.49	24.51	25.00
10	16QAM	50	0	24.43	24.54	24.54	24.62	24.34	25.00
10	64QAM	1	0	24.53	24.73	24.92	24.79	24.80	25.00
10	64QAM	1	25	24.80	24.64	24.72	24.64	24.69	25.00
10	64QAM	1	49	24.48	24.55	24.63	24.64	24.71	25.00
10	64QAM	25	0	23.38	23.55	23.53	23.56	23.44	24.00
10	64QAM	25	12	23.52	23.48	23.48	23.58	23.37	24.00
10	64QAM	25	25	23.49	23.48	23.56	23.58	23.38	24.00
10	64QAM	50	0	23.46	23.51	23.50	23.53	23.39	24.00
10	256QAM	1	0	21.44	21.53	21.75	21.61	21.63	22.00
10	256QAM	1	25	21.44	21.53	21.81	21.57	21.62	22.00
10	256QAM	1	49	21.53	21.58	21.44	21.61	21.43	22.00
10	256QAM	25	0	21.39	21.58	21.57	21.50	21.48	22.00
10	256QAM	25	12	21.40	21.51	21.52	21.57	21.45	22.00
10	256QAM	25	25	21.46	21.45	21.61	21.55	21.41	22.00

10	256QAM	50	0	21.49	21.49	21.43	21.62	21.46	22.00
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	26.37	26.47	26.50	26.43	26.40	27.00
5	QPSK	1	12	26.32	26.40	26.51	26.44	26.41	27.00
5	QPSK	1	24	26.36	26.23	26.39	26.44	26.22	27.00
5	QPSK	12	0	25.43	25.46	25.55	25.52	25.39	26.00
5	QPSK	12	7	25.48	25.56	25.50	25.56	25.40	26.00
5	QPSK	12	13	25.39	25.42	25.55	25.52	25.41	26.00
5	QPSK	25	0	25.43	25.47	25.54	25.64	25.35	26.00
5	16QAM	1	0	25.57	25.42	25.68	25.69	25.56	26.00
5	16QAM	1	12	25.61	25.67	25.66	25.68	25.64	26.00
5	16QAM	1	24	25.38	25.35	25.55	25.43	25.46	26.00
5	16QAM	12	0	24.36	24.54	24.56	24.57	24.45	25.00
5	16QAM	12	7	24.46	24.57	24.55	24.65	24.38	25.00
5	16QAM	12	13	24.46	24.42	24.53	24.63	24.41	25.00
5	16QAM	25	0	24.50	24.53	24.48	24.63	24.45	25.00
5	64QAM	1	0	24.60	24.81	24.95	24.77	24.69	25.00
5	64QAM	1	12	24.74	24.70	24.72	24.54	24.76	25.00
5	64QAM	1	24	24.49	24.48	24.68	24.64	24.69	25.00
5	64QAM	12	0	23.46	23.50	23.52	23.49	23.47	24.00
5	64QAM	12	7	23.49	23.49	23.48	23.66	23.42	24.00
5	64QAM	12	13	23.51	23.41	23.53	23.52	23.45	24.00
5	64QAM	25	0	23.47	23.47	23.58	23.54	23.40	24.00
5	256QAM	1	0	21.41	21.54	21.78	21.62	21.61	22.00
5	256QAM	1	12	21.44	21.61	21.75	21.57	21.49	22.00
5	256QAM	1	24	21.52	21.54	21.44	21.57	21.42	22.00
5	256QAM	12	0	21.46	21.46	21.47	21.52	21.38	22.00
5	256QAM	12	7	21.46	21.55	21.56	21.65	21.33	22.00
5	256QAM	12	13	21.55	21.52	21.59	21.60	21.45	22.00
5	256QAM	25	0	21.46	21.58	21.55	21.57	21.40	22.00

【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	26.40	26.56	26.54	26.55	26.50	26.80
20	QPSK	1	49	26.38	26.42	26.53	26.45	26.45	26.80
20	QPSK	1	99	26.39	26.25	26.51	26.50	26.37	26.80
20	QPSK	50	0	25.57	25.58	25.61	25.61	25.51	26.00
20	QPSK	50	24	25.56	25.57	25.61	25.67	25.48	26.00
20	QPSK	50	50	25.51	25.49	25.66	25.62	25.54	26.00
20	QPSK	100	0	25.54	25.55	25.58	25.65	25.47	26.00
20	16QAM	1	0	25.64	25.55	25.81	25.71	25.71	26.00
20	16QAM	1	49	25.67	25.78	25.78	25.72	25.66	26.00
20	16QAM	1	99	25.43	25.46	25.68	25.58	25.48	26.00
20	16QAM	50	0	24.48	24.61	24.64	24.64	24.52	25.00
20	16QAM	50	24	24.54	24.58	24.60	24.68	24.50	25.00
20	16QAM	50	50	24.52	24.53	24.66	24.64	24.53	25.00
20	16QAM	100	0	24.51	24.57	24.58	24.66	24.46	25.00
20	64QAM	1	0	24.63	24.84	24.98	24.80	24.84	25.00
20	64QAM	1	49	24.89	24.74	24.84	24.69	24.82	25.00
20	64QAM	1	99	24.54	24.56	24.77	24.68	24.76	25.00
20	64QAM	50	0	23.49	23.59	23.65	23.62	23.51	24.00
20	64QAM	50	24	23.58	23.60	23.61	23.70	23.49	24.00
20	64QAM	50	50	23.53	23.52	23.67	23.60	23.51	24.00
20	64QAM	100	0	23.61	23.57	23.63	23.65	23.47	24.00
20	256QAM	1	0	21.55	21.67	21.82	21.67	21.71	22.00
20	256QAM	1	49	21.55	21.66	21.82	21.71	21.63	22.00
20	256QAM	1	99	21.67	21.63	21.59	21.72	21.57	22.00
20	256QAM	50	0	21.48	21.59	21.62	21.62	21.53	22.00
20	256QAM	50	24	21.54	21.60	21.60	21.67	21.48	22.00
20	256QAM	50	50	21.56	21.56	21.65	21.63	21.51	22.00
20	256QAM	100	0	21.54	21.60	21.58	21.66	21.49	22.00
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	26.36	26.55	26.50	26.50	26.46	26.80
15	QPSK	1	37	26.29	26.37	26.42	26.33	26.38	26.80
15	QPSK	1	74	26.27	26.15	26.46	26.39	26.35	26.80
15	QPSK	36	0	25.36	25.43	25.54	25.47	25.44	26.00

15	QPSK	36	20	25.44	25.45	25.50	25.57	25.35	26.00
15	QPSK	36	39	25.45	25.45	25.59	25.58	25.46	26.00
15	QPSK	75	0	25.52	25.43	25.54	25.56	25.37	26.00
15	16QAM	1	0	25.52	25.50	25.71	25.57	25.60	26.00
15	16QAM	1	37	25.63	25.75	25.64	25.61	25.61	26.00
15	16QAM	1	74	25.41	25.34	25.62	25.49	25.37	26.00
15	16QAM	36	0	24.36	24.53	24.50	24.54	24.37	25.00
15	16QAM	36	20	24.42	24.53	24.48	24.63	24.49	25.00
15	16QAM	36	39	24.49	24.44	24.62	24.60	24.52	25.00
15	16QAM	75	0	24.39	24.43	24.49	24.55	24.34	25.00
15	64QAM	1	0	24.54	24.77	24.84	24.78	24.75	25.00
15	64QAM	1	37	24.83	24.67	24.77	24.63	24.68	25.00
15	64QAM	1	74	24.48	24.49	24.75	24.58	24.69	25.00
15	64QAM	36	0	23.37	23.55	23.51	23.47	23.49	24.00
15	64QAM	36	20	23.47	23.50	23.50	23.63	23.36	24.00
15	64QAM	36	39	23.48	23.38	23.64	23.48	23.46	24.00
15	64QAM	75	0	23.56	23.56	23.56	23.53	23.37	24.00
15	256QAM	1	0	21.43	21.62	21.76	21.66	21.62	22.00
15	256QAM	1	37	21.48	21.62	21.72	21.66	21.60	22.00
15	256QAM	1	74	21.60	21.48	21.45	21.62	21.42	22.00
15	256QAM	36	0	21.35	21.45	21.54	21.50	21.43	22.00
15	256QAM	36	20	21.40	21.46	21.55	21.60	21.45	22.00
15	256QAM	36	39	21.46	21.54	21.61	21.48	21.41	22.00
15	256QAM	75	0	21.41	21.59	21.49	21.52	21.39	22.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	26.27	26.47	26.51	26.48	26.44	26.80
10	QPSK	1	25	26.37	26.35	26.48	26.32	26.38	26.80
10	QPSK	1	49	26.33	26.11	26.38	26.38	26.31	26.80
10	QPSK	25	0	25.38	25.48	25.48	25.48	25.50	26.00
10	QPSK	25	12	25.48	25.53	25.47	25.58	25.39	26.00
10	QPSK	25	25	25.46	25.42	25.62	25.47	25.49	26.00
10	QPSK	50	0	25.48	25.50	25.48	25.55	25.36	26.00
10	16QAM	1	0	25.52	25.51	25.72	25.56	25.57	26.00
10	16QAM	1	25	25.60	25.66	25.69	25.63	25.64	26.00
10	16QAM	1	49	25.31	25.42	25.62	25.49	25.44	26.00
10	16QAM	25	0	24.42	24.47	24.59	24.53	24.43	25.00
10	16QAM	25	12	24.51	24.56	24.57	24.64	24.48	25.00
10	16QAM	25	25	24.43	24.44	24.65	24.49	24.51	25.00
10	16QAM	50	0	24.43	24.54	24.54	24.62	24.34	25.00
10	64QAM	1	0	24.53	24.73	24.92	24.79	24.80	25.00
10	64QAM	1	25	24.80	24.64	24.72	24.64	24.69	25.00
10	64QAM	1	49	24.48	24.55	24.63	24.64	24.71	25.00
10	64QAM	25	0	23.38	23.55	23.53	23.56	23.44	24.00
10	64QAM	25	12	23.52	23.48	23.48	23.58	23.37	24.00
10	64QAM	25	25	23.49	23.48	23.56	23.58	23.38	24.00
10	64QAM	50	0	23.46	23.51	23.50	23.53	23.39	24.00
10	256QAM	1	0	21.44	21.53	21.75	21.61	21.63	22.00
10	256QAM	1	25	21.44	21.53	21.81	21.57	21.62	22.00
10	256QAM	1	49	21.53	21.58	21.44	21.61	21.43	22.00
10	256QAM	25	0	21.39	21.58	21.57	21.50	21.48	22.00
10	256QAM	25	12	21.40	21.51	21.52	21.57	21.45	22.00
10	256QAM	25	25	21.46	21.45	21.61	21.55	21.41	22.00
10	256QAM	50	0	21.49	21.49	21.43	21.62	21.46	22.00
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	26.37	26.47	26.50	26.43	26.40	26.80
5	QPSK	1	12	26.32	26.40	26.51	26.44	26.41	26.80
5	QPSK	1	24	26.36	26.23	26.39	26.44	26.22	26.80
5	QPSK	12	0	25.43	25.46	25.55	25.52	25.39	26.00
5	QPSK	12	7	25.48	25.56	25.50	25.56	25.40	26.00
5	QPSK	12	13	25.39	25.42	25.55	25.52	25.41	26.00
5	QPSK	25	0	25.43	25.47	25.54	25.64	25.35	26.00
5	16QAM	1	0	25.57	25.42	25.68	25.69	25.56	26.00
5	16QAM	1	12	25.61	25.67	25.66	25.68	25.64	26.00
5	16QAM	1	24	25.38	25.35	25.55	25.43	25.46	26.00
5	16QAM	12	0	24.36	24.54	24.56	24.57	24.45	25.00
5	16QAM	12	7	24.46	24.57	24.55	24.65	24.38	25.00
5	16QAM	12	13	24.46	24.42	24.53	24.63	24.41	25.00
5	16QAM	25	0	24.50	24.53	24.48	24.63	24.45	25.00
5	64QAM	1	0	24.60	24.81	24.95	24.77	24.69	25.00
5	64QAM	1	12	24.74	24.70	24.72	24.54	24.76	25.00
5	64QAM	1	24	24.49	24.48	24.68	24.64	24.69	25.00
5	64QAM	12	0	23.46	23.50	23.52	23.49	23.47	24.00
5	64QAM	12	7	23.49	23.49	23.48	23.66	23.42	24.00
5	64QAM	12	13	23.51	23.41	23.53	23.52	23.45	24.00

5	64QAM	25	0	23.47	23.47	23.58	23.54	23.40	24.00
5	256QAM	1	0	21.41	21.54	21.78	21.62	21.61	22.00
5	256QAM	1	12	21.44	21.61	21.75	21.57	21.49	22.00
5	256QAM	1	24	21.52	21.54	21.44	21.57	21.42	22.00
5	256QAM	12	0	21.46	21.46	21.47	21.52	21.38	22.00
5	256QAM	12	7	21.46	21.55	21.56	21.65	21.33	22.00
5	256QAM	12	13	21.55	21.52	21.59	21.60	21.45	22.00
5	256QAM	25	0	21.46	21.58	21.55	21.57	21.40	22.00

【LTE Band 41__FCC (2496~2690MHz)_HPUE_Ant 8_DSI 1】

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	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	26.38	26.56	26.54	26.55	26.50	26.80
20	QPSK	1	49	26.40	26.42	26.53	26.45	26.45	26.80
20	QPSK	1	99	26.39	26.25	26.51	26.50	26.37	26.80
20	QPSK	50	0	25.47	25.58	25.61	25.61	25.51	26.00
20	QPSK	50	24	25.56	25.57	25.61	25.67	25.48	26.00
20	QPSK	50	50	25.51	25.49	25.66	25.62	25.54	26.00
20	QPSK	100	0	25.54	25.55	25.58	25.65	25.47	26.00
20	16QAM	1	0	25.64	25.55	25.81	25.71	25.71	26.00
20	16QAM	1	49	25.67	25.78	25.78	25.72	25.66	26.00
20	16QAM	1	99	25.43	25.46	25.68	25.58	25.48	26.00
20	16QAM	50	0	24.48	24.61	24.64	24.64	24.52	25.00
20	16QAM	50	24	24.54	24.58	24.60	24.68	24.50	25.00
20	16QAM	50	50	24.52	24.53	24.66	24.64	24.53	25.00
20	16QAM	100	0	24.51	24.57	24.58	24.66	24.46	25.00
20	64QAM	1	0	24.63	24.84	24.98	24.80	24.84	25.00
20	64QAM	1	49	24.89	24.74	24.84	24.69	24.82	25.00
20	64QAM	1	99	24.54	24.56	24.77	24.68	24.76	25.00
20	64QAM	50	0	23.49	23.59	23.65	23.62	23.51	24.00
20	64QAM	50	24	23.58	23.60	23.61	23.70	23.49	24.00
20	64QAM	50	50	23.53	23.52	23.67	23.60	23.51	24.00
20	64QAM	100	0	23.61	23.57	23.63	23.65	23.47	24.00
20	256QAM	1	0	21.55	21.67	21.82	21.67	21.71	22.00
20	256QAM	1	49	21.55	21.66	21.82	21.71	21.63	22.00
20	256QAM	1	99	21.67	21.63	21.59	21.72	21.57	22.00
20	256QAM	50	0	21.48	21.59	21.62	21.62	21.53	22.00
20	256QAM	50	24	21.54	21.60	21.60	21.67	21.48	22.00
20	256QAM	50	50	21.56	21.56	21.65	21.63	21.51	22.00
20	256QAM	100	0	21.54	21.60	21.58	21.66	21.49	22.00
Channel				39725	40173	40620	41068	41515	
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	26.36	26.55	26.50	26.50	26.46	26.80
15	QPSK	1	37	26.29	26.37	26.42	26.33	26.38	26.80
15	QPSK	1	74	26.27	26.15	26.46	26.39	26.35	26.80
15	QPSK	36	0	25.36	25.43	25.54	25.47	25.44	26.00
15	QPSK	36	20	25.44	25.45	25.50	25.57	25.35	26.00
15	QPSK	36	39	25.45	25.45	25.59	25.58	25.46	26.00
15	QPSK	75	0	25.52	25.43	25.54	25.56	25.37	26.00
15	16QAM	1	0	25.52	25.50	25.71	25.57	25.60	26.00
15	16QAM	1	37	25.63	25.75	25.64	25.61	25.61	26.00
15	16QAM	1	74	25.41	25.34	25.62	25.49	25.37	26.00
15	16QAM	36	0	24.36	24.53	24.50	24.54	24.37	25.00
15	16QAM	36	20	24.42	24.53	24.48	24.63	24.49	25.00
15	16QAM	36	39	24.49	24.44	24.62	24.60	24.52	25.00
15	16QAM	75	0	24.39	24.43	24.49	24.55	24.34	25.00
15	64QAM	1	0	24.54	24.77	24.84	24.78	24.75	25.00
15	64QAM	1	37	24.83	24.67	24.77	24.63	24.68	25.00
15	64QAM	1	74	24.48	24.49	24.75	24.58	24.69	25.00
15	64QAM	36	0	23.37	23.55	23.51	23.47	23.49	24.00
15	64QAM	36	20	23.47	23.50	23.50	23.63	23.36	24.00
15	64QAM	36	39	23.48	23.38	23.64	23.48	23.46	24.00
15	64QAM	75	0	23.56	23.56	23.56	23.53	23.37	24.00
15	256QAM	1	0	21.43	21.62	21.76	21.66	21.62	22.00
15	256QAM	1	37	21.48	21.62	21.72	21.66	21.60	22.00
15	256QAM	1	74	21.60	21.48	21.45	21.62	21.42	22.00
15	256QAM	36	0	21.35	21.45	21.54	21.50	21.43	22.00
15	256QAM	36	20	21.40	21.46	21.55	21.60	21.45	22.00
15	256QAM	36	39	21.46	21.54	21.61	21.48	21.41	22.00
15	256QAM	75	0	21.41	21.59	21.49	21.52	21.39	22.00

Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	26.27	26.47	26.51	26.48	26.44	26.80
10	QPSK	1	25	26.37	26.35	26.48	26.32	26.38	26.80
10	QPSK	1	49	26.33	26.11	26.38	26.38	26.31	26.80
10	QPSK	25	0	25.38	25.48	25.48	25.48	25.50	26.00
10	QPSK	25	12	25.48	25.53	25.47	25.58	25.39	26.00
10	QPSK	25	25	25.46	25.42	25.62	25.47	25.49	26.00
10	QPSK	50	0	25.48	25.50	25.48	25.55	25.36	26.00
10	16QAM	1	0	25.52	25.51	25.72	25.56	25.57	26.00
10	16QAM	1	25	25.60	25.66	25.69	25.63	25.64	26.00
10	16QAM	1	49	25.31	25.42	25.62	25.49	25.44	26.00
10	16QAM	25	0	24.42	24.47	24.59	24.53	24.43	25.00
10	16QAM	25	12	24.51	24.56	24.57	24.64	24.48	25.00
10	16QAM	25	25	24.43	24.44	24.65	24.49	24.51	25.00
10	16QAM	50	0	24.43	24.54	24.54	24.62	24.34	25.00
10	64QAM	1	0	24.53	24.73	24.92	24.79	24.80	25.00
10	64QAM	1	25	24.80	24.64	24.72	24.64	24.69	25.00
10	64QAM	1	49	24.48	24.55	24.63	24.64	24.71	25.00
10	64QAM	25	0	23.38	23.55	23.53	23.56	23.44	24.00
10	64QAM	25	12	23.52	23.48	23.48	23.58	23.37	24.00
10	64QAM	25	25	23.49	23.48	23.56	23.58	23.38	24.00
10	64QAM	50	0	23.46	23.51	23.50	23.53	23.39	24.00
10	256QAM	1	0	21.44	21.53	21.75	21.61	21.63	22.00
10	256QAM	1	25	21.44	21.53	21.81	21.57	21.62	22.00
10	256QAM	1	49	21.53	21.58	21.44	21.61	21.43	22.00
10	256QAM	25	0	21.39	21.58	21.57	21.50	21.48	22.00
10	256QAM	25	12	21.40	21.51	21.52	21.57	21.45	22.00
10	256QAM	25	25	21.46	21.45	21.61	21.55	21.41	22.00
10	256QAM	50	0	21.49	21.49	21.43	21.62	21.46	22.00
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	26.37	26.47	26.50	26.43	26.40	26.80
5	QPSK	1	12	26.32	26.40	26.51	26.44	26.41	26.80
5	QPSK	1	24	26.36	26.23	26.39	26.44	26.22	26.80
5	QPSK	12	0	25.43	25.46	25.55	25.52	25.39	26.00
5	QPSK	12	7	25.48	25.56	25.50	25.56	25.40	26.00
5	QPSK	12	13	25.39	25.42	25.55	25.52	25.41	26.00
5	QPSK	25	0	25.43	25.47	25.54	25.64	25.35	26.00
5	16QAM	1	0	25.57	25.42	25.68	25.69	25.56	26.00
5	16QAM	1	12	25.61	25.67	25.66	25.68	25.64	26.00
5	16QAM	1	24	25.38	25.35	25.55	25.43	25.46	26.00
5	16QAM	12	0	24.36	24.54	24.56	24.57	24.45	25.00
5	16QAM	12	7	24.46	24.57	24.55	24.65	24.38	25.00
5	16QAM	12	13	24.46	24.42	24.53	24.63	24.41	25.00
5	16QAM	25	0	24.50	24.53	24.48	24.63	24.45	25.00
5	64QAM	1	0	24.60	24.81	24.95	24.77	24.69	25.00
5	64QAM	1	12	24.74	24.70	24.72	24.54	24.76	25.00
5	64QAM	1	24	24.49	24.48	24.68	24.64	24.69	25.00
5	64QAM	12	0	23.46	23.50	23.52	23.49	23.47	24.00
5	64QAM	12	7	23.49	23.49	23.48	23.66	23.42	24.00
5	64QAM	12	13	23.51	23.41	23.53	23.52	23.45	24.00
5	64QAM	25	0	23.47	23.47	23.58	23.54	23.40	24.00
5	256QAM	1	0	21.41	21.54	21.78	21.62	21.61	22.00
5	256QAM	1	12	21.44	21.61	21.75	21.57	21.49	22.00
5	256QAM	1	24	21.52	21.54	21.44	21.57	21.42	22.00
5	256QAM	12	0	21.46	21.46	21.47	21.52	21.38	22.00
5	256QAM	12	7	21.46	21.55	21.56	21.65	21.33	22.00
5	256QAM	12	13	21.55	21.52	21.59	21.60	21.45	22.00
5	256QAM	25	0	21.46	21.58	21.55	21.57	21.40	22.00

【LTE Band 41_FCC (2496~2690MHz)_HPUE_Ant 8_DSI 4】

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	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	26.38	26.56	26.54	26.55	26.50	26.80
20	QPSK	1	49	26.40	26.42	26.53	26.45	26.45	26.80
20	QPSK	1	99	26.39	26.25	26.51	26.50	26.37	26.80
20	QPSK	50	0	25.47	25.58	25.61	25.61	25.51	26.00
20	QPSK	50	24	25.56	25.57	25.61	25.67	25.48	26.00

20	QPSK	50	50	25.51	25.49	25.66	25.62	25.54	26.00
20	QPSK	100	0	25.54	25.55	25.58	25.65	25.47	26.00
20	16QAM	1	0	25.64	25.55	25.81	25.71	25.71	26.00
20	16QAM	1	49	25.67	25.78	25.78	25.72	25.66	26.00
20	16QAM	1	99	25.43	25.46	25.68	25.58	25.48	26.00
20	16QAM	50	0	24.48	24.61	24.64	24.64	24.52	25.00
20	16QAM	50	24	24.54	24.58	24.60	24.68	24.50	25.00
20	16QAM	50	50	24.52	24.53	24.66	24.64	24.53	25.00
20	16QAM	100	0	24.51	24.57	24.58	24.66	24.46	25.00
20	64QAM	1	0	24.63	24.84	24.98	24.80	24.84	25.00
20	64QAM	1	49	24.89	24.74	24.84	24.69	24.82	25.00
20	64QAM	1	99	24.54	24.56	24.77	24.68	24.76	25.00
20	64QAM	50	0	23.49	23.59	23.65	23.62	23.51	24.00
20	64QAM	50	24	23.58	23.60	23.61	23.70	23.49	24.00
20	64QAM	50	50	23.53	23.52	23.67	23.60	23.51	24.00
20	64QAM	100	0	23.61	23.57	23.63	23.65	23.47	24.00
20	256QAM	1	0	21.55	21.67	21.82	21.67	21.71	22.00
20	256QAM	1	49	21.55	21.66	21.82	21.71	21.63	22.00
20	256QAM	1	99	21.67	21.63	21.59	21.72	21.57	22.00
20	256QAM	50	0	21.48	21.59	21.62	21.62	21.53	22.00
20	256QAM	50	24	21.54	21.60	21.60	21.67	21.48	22.00
20	256QAM	50	50	21.56	21.56	21.65	21.63	21.51	22.00
20	256QAM	100	0	21.54	21.60	21.58	21.66	21.49	22.00
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	26.36	26.55	26.50	26.50	26.46	26.80
15	QPSK	1	37	26.29	26.37	26.42	26.33	26.38	26.80
15	QPSK	1	74	26.27	26.15	26.46	26.39	26.35	26.80
15	QPSK	36	0	25.36	25.43	25.54	25.47	25.44	26.00
15	QPSK	36	20	25.44	25.45	25.50	25.57	25.35	26.00
15	QPSK	36	39	25.45	25.45	25.59	25.58	25.46	26.00
15	QPSK	75	0	25.52	25.43	25.54	25.56	25.37	26.00
15	16QAM	1	0	25.52	25.50	25.71	25.57	25.60	26.00
15	16QAM	1	37	25.63	25.75	25.64	25.61	25.61	26.00
15	16QAM	1	74	25.41	25.34	25.62	25.49	25.37	26.00
15	16QAM	36	0	24.36	24.53	24.50	24.54	24.37	25.00
15	16QAM	36	20	24.42	24.53	24.48	24.63	24.49	25.00
15	16QAM	36	39	24.49	24.44	24.62	24.60	24.52	25.00
15	16QAM	75	0	24.39	24.43	24.49	24.55	24.34	25.00
15	64QAM	1	0	24.54	24.77	24.84	24.78	24.75	25.00
15	64QAM	1	37	24.83	24.67	24.77	24.63	24.68	25.00
15	64QAM	1	74	24.48	24.49	24.75	24.58	24.69	25.00
15	64QAM	36	0	23.37	23.55	23.51	23.47	23.49	24.00
15	64QAM	36	20	23.47	23.50	23.50	23.63	23.36	24.00
15	64QAM	36	39	23.48	23.38	23.64	23.48	23.46	24.00
15	64QAM	75	0	23.56	23.56	23.56	23.53	23.37	24.00
15	256QAM	1	0	21.43	21.62	21.76	21.66	21.62	22.00
15	256QAM	1	37	21.48	21.62	21.72	21.66	21.60	22.00
15	256QAM	1	74	21.60	21.48	21.45	21.62	21.42	22.00
15	256QAM	36	0	21.35	21.45	21.54	21.50	21.43	22.00
15	256QAM	36	20	21.40	21.46	21.55	21.60	21.45	22.00
15	256QAM	36	39	21.46	21.54	21.61	21.48	21.41	22.00
15	256QAM	75	0	21.41	21.59	21.49	21.52	21.39	22.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	26.27	26.47	26.51	26.48	26.44	26.80
10	QPSK	1	25	26.37	26.35	26.48	26.32	26.38	26.80
10	QPSK	1	49	26.33	26.11	26.38	26.38	26.31	26.80
10	QPSK	25	0	25.38	25.48	25.48	25.48	25.50	26.00
10	QPSK	25	12	25.48	25.53	25.47	25.58	25.39	26.00
10	QPSK	25	25	25.46	25.42	25.62	25.47	25.49	26.00
10	QPSK	50	0	25.48	25.50	25.48	25.55	25.36	26.00
10	16QAM	1	0	25.52	25.51	25.72	25.56	25.57	26.00
10	16QAM	1	25	25.60	25.66	25.69	25.63	25.64	26.00
10	16QAM	1	49	25.31	25.42	25.62	25.49	25.44	26.00
10	16QAM	25	0	24.42	24.47	24.59	24.53	24.43	25.00
10	16QAM	25	12	24.51	24.56	24.57	24.64	24.48	25.00
10	16QAM	25	25	24.43	24.44	24.65	24.49	24.51	25.00
10	16QAM	50	0	24.43	24.54	24.54	24.62	24.34	25.00
10	64QAM	1	0	24.53	24.73	24.92	24.79	24.80	25.00
10	64QAM	1	25	24.80	24.64	24.72	24.64	24.69	25.00
10	64QAM	1	49	24.48	24.55	24.63	24.64	24.71	25.00
10	64QAM	25	0	23.38	23.55	23.53	23.56	23.44	24.00
10	64QAM	25	12	23.52	23.48	23.48	23.58	23.37	24.00
10	64QAM	25	25	23.49	23.48	23.56	23.58	23.38	24.00
10	64QAM	50	0	23.46	23.51	23.50	23.53	23.39	24.00

10	256QAM	1	0	21.44	21.53	21.75	21.61	21.63	22.00
10	256QAM	1	25	21.44	21.53	21.81	21.57	21.62	22.00
10	256QAM	1	49	21.53	21.58	21.44	21.61	21.43	22.00
10	256QAM	25	0	21.39	21.58	21.57	21.50	21.48	22.00
10	256QAM	25	12	21.40	21.51	21.52	21.57	21.45	22.00
10	256QAM	25	25	21.46	21.45	21.61	21.55	21.41	22.00
10	256QAM	50	0	21.49	21.49	21.43	21.62	21.46	22.00
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	26.37	26.47	26.50	26.43	26.40	26.80
5	QPSK	1	12	26.32	26.40	26.51	26.44	26.41	26.80
5	QPSK	1	24	26.36	26.23	26.39	26.44	26.22	26.80
5	QPSK	12	0	25.43	25.46	25.55	25.52	25.39	26.00
5	QPSK	12	7	25.48	25.56	25.50	25.56	25.40	26.00
5	QPSK	12	13	25.39	25.42	25.55	25.52	25.41	26.00
5	QPSK	25	0	25.43	25.47	25.54	25.64	25.35	26.00
5	16QAM	1	0	25.57	25.42	25.68	25.69	25.56	26.00
5	16QAM	1	12	25.61	25.67	25.66	25.68	25.64	26.00
5	16QAM	1	24	25.38	25.35	25.55	25.43	25.46	26.00
5	16QAM	12	0	24.36	24.54	24.56	24.57	24.45	25.00
5	16QAM	12	7	24.46	24.57	24.55	24.65	24.38	25.00
5	16QAM	12	13	24.46	24.42	24.53	24.63	24.41	25.00
5	16QAM	25	0	24.50	24.53	24.48	24.63	24.45	25.00
5	64QAM	1	0	24.60	24.81	24.95	24.77	24.69	25.00
5	64QAM	1	12	24.74	24.70	24.72	24.54	24.76	25.00
5	64QAM	1	24	24.49	24.48	24.68	24.64	24.69	25.00
5	64QAM	12	0	23.46	23.50	23.52	23.49	23.47	24.00
5	64QAM	12	7	23.49	23.49	23.48	23.66	23.42	24.00
5	64QAM	12	13	23.51	23.41	23.53	23.52	23.45	24.00
5	64QAM	25	0	23.47	23.47	23.58	23.54	23.40	24.00
5	256QAM	1	0	21.41	21.54	21.78	21.62	21.61	22.00
5	256QAM	1	12	21.44	21.61	21.75	21.57	21.49	22.00
5	256QAM	1	24	21.52	21.54	21.44	21.57	21.42	22.00
5	256QAM	12	0	21.46	21.46	21.47	21.52	21.38	22.00
5	256QAM	12	7	21.46	21.55	21.56	21.65	21.33	22.00
5	256QAM	12	13	21.55	21.52	21.59	21.60	21.45	22.00
5	256QAM	25	0	21.46	21.58	21.55	21.57	21.40	22.00

【LTE Band 48 _FCC_ Part 96 (3550~3700MHz) _Ant 8_DSI 0】

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				55340	55830	55990	56150	56640	Tune-up limit (dBm)
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	22.62	22.83	22.79	22.89	22.91	23.00
20	QPSK	1	49	22.54	22.49	22.70	22.83	22.79	23.00
20	QPSK	1	99	22.53	22.69	22.55	22.78	22.83	23.00
20	QPSK	50	0	21.72	21.82	21.80	21.95	21.97	22.00
20	QPSK	50	24	21.68	21.72	21.77	21.89	21.94	22.00
20	QPSK	50	50	21.66	21.80	21.72	21.85	21.97	22.00
20	QPSK	100	0	21.73	21.78	21.77	21.96	21.89	22.00
20	16QAM	1	0	21.66	21.52	21.64	21.86	21.77	22.00
20	16QAM	1	49	21.62	21.74	21.75	21.82	21.96	22.00
20	16QAM	1	99	21.54	21.75	21.73	21.76	21.85	22.00
20	16QAM	50	0	20.70	20.68	20.72	20.98	20.93	21.00
20	16QAM	50	24	20.72	20.78	20.80	20.97	20.95	21.00
20	16QAM	50	50	20.65	20.81	20.82	20.85	20.91	21.00
20	16QAM	100	0	20.72	20.82	20.79	20.95	20.92	21.00
20	64QAM	1	0	20.54	20.57	20.51	20.93	20.86	21.00
20	64QAM	1	49	20.60	20.76	20.62	20.85	21.00	21.00
20	64QAM	1	99	20.57	20.81	20.70	20.81	20.86	21.00
20	64QAM	50	0	19.67	19.69	19.69	19.97	19.90	20.00
20	64QAM	50	24	19.72	19.81	19.78	19.97	19.95	20.00
20	64QAM	50	50	19.64	19.85	19.79	19.88	19.95	20.00
20	64QAM	100	0	19.72	19.80	19.75	19.94	19.92	20.00
20	256QAM	1	0	17.63	17.56	17.55	17.96	17.78	18.00
20	256QAM	1	49	17.63	17.73	17.67	17.85	17.93	18.00
20	256QAM	1	99	17.58	17.84	17.80	17.77	17.84	18.00
20	256QAM	50	0	17.72	17.70	17.68	17.97	17.92	18.00
20	256QAM	50	24	17.74	17.83	17.79	17.99	17.98	18.00
20	256QAM	50	50	17.70	17.84	17.83	17.88	17.94	18.00
20	256QAM	100	0	17.76	17.83	17.79	17.98	17.93	18.00
Channel				55315	55820	55990	56160	56665	Tune-up



FCC SAR TEST REPORT

Report No. :FA503114B

Frequency (MHz)				3557.5	3608	3625	3642	3692.5	limit (dBm)
15	QPSK	1	0	22.52	22.72	22.67	22.74	22.79	23.00
15	QPSK	1	37	22.44	22.39	22.62	22.78	22.70	23.00
15	QPSK	1	74	22.48	22.63	22.50	22.73	22.80	23.00
15	QPSK	36	0	21.70	21.80	21.75	21.86	21.85	22.00
15	QPSK	36	20	21.60	21.59	21.76	21.84	21.82	22.00
15	QPSK	36	39	21.55	21.74	21.69	21.82	21.92	22.00
15	QPSK	75	0	21.67	21.69	21.72	21.92	21.80	22.00
15	16QAM	1	0	21.54	21.42	21.53	21.75	21.69	22.00
15	16QAM	1	37	21.60	21.64	21.62	21.79	21.87	22.00
15	16QAM	1	74	21.50	21.74	21.66	21.65	21.72	22.00
15	16QAM	36	0	20.63	20.56	20.67	20.95	20.90	21.00
15	16QAM	36	20	20.63	20.75	20.69	20.84	20.93	21.00
15	16QAM	36	39	20.58	20.77	20.73	20.76	20.79	21.00
15	16QAM	75	0	20.58	20.70	20.66	20.83	20.90	21.00
15	64QAM	1	0	20.50	20.50	20.43	20.81	20.82	21.00
15	64QAM	1	37	20.56	20.61	20.57	20.78	20.86	21.00
15	64QAM	1	74	20.54	20.77	20.58	20.69	20.84	21.00
15	64QAM	36	0	19.56	19.54	19.59	19.92	19.75	20.00
15	64QAM	36	20	19.62	19.68	19.75	19.91	19.85	20.00
15	64QAM	36	39	19.52	19.83	19.69	19.73	19.87	20.00
15	64QAM	75	0	19.66	19.66	19.73	19.89	19.90	20.00
15	256QAM	1	0	17.54	17.44	17.49	17.86	17.75	18.00
15	256QAM	1	37	17.52	17.67	17.64	17.80	17.81	18.00
15	256QAM	1	74	17.52	17.72	17.76	17.67	17.81	18.00
15	256QAM	36	0	17.65	17.64	17.62	17.92	17.81	18.00
15	256QAM	36	20	17.68	17.80	17.71	17.90	17.96	18.00
15	256QAM	36	39	17.57	17.81	17.71	17.75	17.87	18.00
15	256QAM	75	0	17.62	17.82	17.65	17.85	17.90	18.00
Channel				55290	55815	55990	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	22.48	22.79	22.69	22.84	22.85	23.00
10	QPSK	1	25	22.51	22.37	22.68	22.70	22.74	23.00
10	QPSK	1	49	22.38	22.54	22.51	22.77	22.80	23.00
10	QPSK	25	0	21.68	21.79	21.74	21.91	21.84	22.00
10	QPSK	25	12	21.62	21.62	21.65	21.87	21.79	22.00
10	QPSK	25	25	21.58	21.73	21.60	21.71	21.93	22.00
10	QPSK	50	0	21.63	21.68	21.73	21.89	21.82	22.00
10	16QAM	1	0	21.56	21.47	21.50	21.71	21.64	22.00
10	16QAM	1	25	21.54	21.61	21.61	21.70	21.94	22.00
10	16QAM	1	49	21.42	21.67	21.67	21.63	21.82	22.00
10	16QAM	25	0	20.63	20.64	20.67	20.87	20.79	21.00
10	16QAM	25	12	20.69	20.67	20.76	20.84	20.91	21.00
10	16QAM	25	25	20.54	20.73	20.78	20.76	20.81	21.00
10	16QAM	50	0	20.59	20.76	20.67	20.86	20.83	21.00
10	64QAM	1	0	20.51	20.46	20.44	20.85	20.78	21.00
10	64QAM	1	25	20.57	20.72	20.49	20.77	20.90	21.00
10	64QAM	1	49	20.51	20.67	20.66	20.80	20.73	21.00
10	64QAM	25	0	19.54	19.60	19.54	19.96	19.88	20.00
10	64QAM	25	12	19.69	19.73	19.76	19.85	19.90	20.00
10	64QAM	25	25	19.50	19.77	19.74	19.82	19.82	20.00
10	64QAM	50	0	19.57	19.65	19.66	19.92	19.78	20.00
10	256QAM	1	0	17.53	17.46	17.50	17.89	17.77	18.00
10	256QAM	1	25	17.50	17.69	17.59	17.83	17.85	18.00
10	256QAM	1	49	17.50	17.71	17.77	17.69	17.72	18.00
10	256QAM	25	0	17.59	17.67	17.66	17.82	17.85	18.00
10	256QAM	25	12	17.60	17.73	17.77	17.88	17.88	18.00
10	256QAM	25	25	17.68	17.80	17.71	17.80	17.85	18.00
10	256QAM	50	0	17.70	17.77	17.76	17.93	17.86	18.00
Channel				55265	55810	55990	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	22.51	22.73	22.65	22.76	22.84	23.00
5	QPSK	1	12	22.45	22.35	22.64	22.77	22.76	23.00
5	QPSK	1	24	22.40	22.64	22.42	22.65	22.70	23.00
5	QPSK	12	0	21.70	21.79	21.71	21.91	21.88	22.00
5	QPSK	12	7	21.57	21.65	21.70	21.76	21.91	22.00
5	QPSK	12	13	21.62	21.67	21.67	21.83	21.94	22.00
5	QPSK	25	0	21.60	21.65	21.67	21.83	21.81	22.00
5	16QAM	1	0	21.58	21.40	21.55	21.72	21.63	22.00
5	16QAM	1	12	21.58	21.68	21.65	21.71	21.89	22.00
5	16QAM	1	24	21.41	21.63	21.65	21.72	21.76	22.00
5	16QAM	12	0	20.69	20.55	20.71	20.97	20.89	21.00
5	16QAM	12	7	20.60	20.66	20.65	20.94	20.93	21.00
5	16QAM	12	13	20.56	20.75	20.81	20.72	20.85	21.00
5	16QAM	25	0	20.70	20.72	20.78	20.87	20.87	21.00

5	64QAM	1	0	20.47	20.55	20.43	20.82	20.72	21.00
5	64QAM	1	12	20.57	20.64	20.51	20.84	20.86	21.00
5	64QAM	1	24	20.45	20.76	20.55	20.76	20.75	21.00
5	64QAM	12	0	19.56	19.62	19.61	19.94	19.86	20.00
5	64QAM	12	7	19.59	19.69	19.71	19.85	19.81	20.00
5	64QAM	12	13	19.55	19.79	19.73	19.86	19.82	20.00
5	64QAM	25	0	19.63	19.74	19.71	19.85	19.90	20.00
5	256QAM	1	0	17.60	17.54	17.51	17.88	17.69	18.00
5	256QAM	1	12	17.58	17.63	17.61	17.72	17.88	18.00
5	256QAM	1	24	17.54	17.72	17.67	17.62	17.76	18.00
5	256QAM	12	0	17.59	17.65	17.62	17.89	17.78	18.00
5	256QAM	12	7	17.70	17.77	17.67	17.95	17.85	18.00
5	256QAM	12	13	17.55	17.74	17.81	17.78	17.83	18.00
5	256QAM	25	0	17.64	17.72	17.70	17.88	17.83	18.00

【LTE Band 48 _FCC_Part 96 (3550~3700MHz) _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				55340	55830	55990	56150	56640	Tune-up limit (dBm)
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	22.62	22.83	22.79	22.89	22.91	23.00
20	QPSK	1	49	22.54	22.49	22.70	22.83	22.79	23.00
20	QPSK	1	99	22.53	22.69	22.55	22.78	22.83	23.00
20	QPSK	50	0	21.72	21.82	21.80	21.95	21.97	22.00
20	QPSK	50	24	21.68	21.72	21.77	21.89	21.94	22.00
20	QPSK	50	50	21.66	21.80	21.72	21.85	21.97	22.00
20	QPSK	100	0	21.73	21.78	21.77	21.96	21.89	22.00
20	16QAM	1	0	21.66	21.52	21.64	21.86	21.77	22.00
20	16QAM	1	49	21.62	21.74	21.75	21.82	21.96	22.00
20	16QAM	1	99	21.54	21.75	21.73	21.76	21.85	22.00
20	16QAM	50	0	20.70	20.68	20.72	20.98	20.93	21.00
20	16QAM	50	24	20.72	20.78	20.80	20.97	20.95	21.00
20	16QAM	50	50	20.65	20.81	20.82	20.85	20.91	21.00
20	16QAM	100	0	20.72	20.82	20.79	20.95	20.92	21.00
20	64QAM	1	0	20.54	20.57	20.51	20.93	20.86	21.00
20	64QAM	1	49	20.60	20.76	20.62	20.85	21.00	21.00
20	64QAM	1	99	20.57	20.81	20.70	20.81	20.86	21.00
20	64QAM	50	0	19.67	19.69	19.69	19.97	19.90	20.00
20	64QAM	50	24	19.72	19.81	19.78	19.97	19.95	20.00
20	64QAM	50	50	19.64	19.85	19.79	19.88	19.95	20.00
20	64QAM	100	0	19.72	19.80	19.75	19.94	19.92	20.00
20	256QAM	1	0	17.63	17.56	17.55	17.96	17.78	18.00
20	256QAM	1	49	17.63	17.73	17.67	17.85	17.93	18.00
20	256QAM	1	99	17.58	17.84	17.80	17.77	17.84	18.00
20	256QAM	50	0	17.72	17.70	17.68	17.97	17.92	18.00
20	256QAM	50	24	17.74	17.83	17.79	17.99	17.98	18.00
20	256QAM	50	50	17.70	17.84	17.83	17.88	17.94	18.00
20	256QAM	100	0	17.76	17.83	17.79	17.98	17.93	18.00
Channel				55315	55820	55990	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	22.52	22.72	22.67	22.74	22.79	23.00
15	QPSK	1	37	22.44	22.39	22.62	22.78	22.70	23.00
15	QPSK	1	74	22.48	22.63	22.50	22.73	22.80	23.00
15	QPSK	36	0	21.70	21.80	21.75	21.86	21.85	22.00
15	QPSK	36	20	21.60	21.59	21.76	21.84	21.82	22.00
15	QPSK	36	39	21.55	21.74	21.69	21.82	21.92	22.00
15	QPSK	75	0	21.67	21.69	21.72	21.92	21.80	22.00
15	16QAM	1	0	21.54	21.42	21.53	21.75	21.69	22.00
15	16QAM	1	37	21.60	21.64	21.62	21.79	21.87	22.00
15	16QAM	1	74	21.50	21.74	21.66	21.65	21.72	22.00
15	16QAM	36	0	20.63	20.56	20.67	20.95	20.90	21.00
15	16QAM	36	20	20.63	20.75	20.69	20.84	20.93	21.00
15	16QAM	36	39	20.58	20.77	20.73	20.76	20.79	21.00
15	16QAM	75	0	20.58	20.70	20.66	20.83	20.90	21.00
15	64QAM	1	0	20.50	20.50	20.43	20.81	20.82	21.00
15	64QAM	1	37	20.56	20.61	20.57	20.78	20.86	21.00
15	64QAM	1	74	20.54	20.77	20.58	20.69	20.84	21.00
15	64QAM	36	0	19.56	19.54	19.59	19.92	19.75	20.00
15	64QAM	36	20	19.62	19.68	19.75	19.91	19.85	20.00
15	64QAM	36	39	19.52	19.83	19.69	19.73	19.87	20.00
15	64QAM	75	0	19.66	19.66	19.73	19.89	19.90	20.00
15	256QAM	1	0	17.54	17.44	17.49	17.86	17.75	18.00



FCC SAR TEST REPORT

Report No. :FA503114B

15	256QAM	1	37	17.52	17.67	17.64	17.80	17.81	18.00
15	256QAM	1	74	17.52	17.72	17.76	17.67	17.81	18.00
15	256QAM	36	0	17.65	17.64	17.62	17.92	17.81	18.00
15	256QAM	36	20	17.68	17.80	17.71	17.90	17.96	18.00
15	256QAM	36	39	17.57	17.81	17.71	17.75	17.87	18.00
15	256QAM	75	0	17.62	17.82	17.65	17.85	17.90	18.00
Channel				55290	55815	55990	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	22.48	22.79	22.69	22.84	22.85	23.00
10	QPSK	1	25	22.51	22.37	22.68	22.70	22.74	23.00
10	QPSK	1	49	22.38	22.54	22.51	22.77	22.80	23.00
10	QPSK	25	0	21.68	21.79	21.74	21.91	21.84	22.00
10	QPSK	25	12	21.62	21.62	21.65	21.87	21.79	22.00
10	QPSK	25	25	21.58	21.73	21.60	21.71	21.93	22.00
10	QPSK	50	0	21.63	21.68	21.73	21.89	21.82	22.00
10	16QAM	1	0	21.56	21.47	21.50	21.71	21.64	22.00
10	16QAM	1	25	21.54	21.61	21.61	21.70	21.94	22.00
10	16QAM	1	49	21.42	21.67	21.67	21.63	21.82	22.00
10	16QAM	25	0	20.63	20.64	20.67	20.87	20.79	21.00
10	16QAM	25	12	20.69	20.67	20.76	20.84	20.91	21.00
10	16QAM	25	25	20.54	20.73	20.78	20.76	20.81	21.00
10	16QAM	50	0	20.59	20.76	20.67	20.86	20.83	21.00
10	64QAM	1	0	20.51	20.46	20.44	20.85	20.78	21.00
10	64QAM	1	25	20.57	20.72	20.49	20.77	20.90	21.00
10	64QAM	1	49	20.51	20.67	20.66	20.80	20.73	21.00
10	64QAM	25	0	19.54	19.60	19.54	19.96	19.88	20.00
10	64QAM	25	12	19.69	19.73	19.76	19.85	19.90	20.00
10	64QAM	25	25	19.50	19.77	19.74	19.82	19.82	20.00
10	64QAM	50	0	19.57	19.65	19.66	19.92	19.78	20.00
10	256QAM	1	0	17.53	17.46	17.50	17.89	17.77	18.00
10	256QAM	1	25	17.50	17.69	17.59	17.83	17.85	18.00
10	256QAM	1	49	17.50	17.71	17.77	17.69	17.72	18.00
10	256QAM	25	0	17.59	17.67	17.66	17.82	17.85	18.00
10	256QAM	25	12	17.60	17.73	17.77	17.88	17.88	18.00
10	256QAM	25	25	17.68	17.80	17.71	17.80	17.85	18.00
10	256QAM	50	0	17.70	17.77	17.76	17.93	17.86	18.00
Channel				55265	55810	55990	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	22.51	22.73	22.65	22.76	22.84	23.00
5	QPSK	1	12	22.45	22.35	22.64	22.77	22.76	23.00
5	QPSK	1	24	22.40	22.64	22.42	22.65	22.70	23.00
5	QPSK	12	0	21.70	21.79	21.71	21.91	21.88	22.00
5	QPSK	12	7	21.57	21.65	21.70	21.76	21.91	22.00
5	QPSK	12	13	21.62	21.67	21.67	21.83	21.94	22.00
5	QPSK	25	0	21.60	21.65	21.67	21.83	21.81	22.00
5	16QAM	1	0	21.58	21.40	21.55	21.72	21.63	22.00
5	16QAM	1	12	21.58	21.68	21.65	21.71	21.89	22.00
5	16QAM	1	24	21.41	21.63	21.65	21.72	21.76	22.00
5	16QAM	12	0	20.69	20.55	20.71	20.97	20.89	21.00
5	16QAM	12	7	20.60	20.66	20.65	20.94	20.93	21.00
5	16QAM	12	13	20.56	20.75	20.81	20.72	20.85	21.00
5	16QAM	25	0	20.70	20.72	20.78	20.87	20.87	21.00
5	64QAM	1	0	20.47	20.55	20.43	20.82	20.72	21.00
5	64QAM	1	12	20.57	20.64	20.51	20.84	20.86	21.00
5	64QAM	1	24	20.45	20.76	20.55	20.76	20.75	21.00
5	64QAM	12	0	19.56	19.62	19.61	19.94	19.86	20.00
5	64QAM	12	7	19.59	19.69	19.71	19.85	19.81	20.00
5	64QAM	12	13	19.55	19.79	19.73	19.86	19.82	20.00
5	64QAM	25	0	19.63	19.74	19.71	19.85	19.90	20.00
5	256QAM	1	0	17.60	17.54	17.51	17.88	17.69	18.00
5	256QAM	1	12	17.58	17.63	17.61	17.72	17.88	18.00
5	256QAM	1	24	17.54	17.72	17.67	17.62	17.76	18.00
5	256QAM	12	0	17.59	17.65	17.62	17.89	17.78	18.00
5	256QAM	12	7	17.70	17.77	17.67	17.95	17.85	18.00
5	256QAM	12	13	17.55	17.74	17.81	17.78	17.83	18.00
5	256QAM	25	0	17.64	17.72	17.70	17.88	17.83	18.00

【LTE Band 48 FCC Part 96 (3550~3700MHz) 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				55340	55830	55990	56150	56640	Tune-up limit (dBm)
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	22.62	22.83	22.79	22.89	22.91	23.00
20	QPSK	1	49	22.54	22.49	22.70	22.83	22.79	23.00
20	QPSK	1	99	22.53	22.69	22.55	22.78	22.83	23.00
20	QPSK	50	0	21.72	21.82	21.80	21.95	21.97	22.00
20	QPSK	50	24	21.68	21.72	21.77	21.89	21.94	22.00
20	QPSK	50	50	21.66	21.80	21.72	21.85	21.97	22.00
20	QPSK	100	0	21.73	21.78	21.77	21.96	21.89	22.00
20	16QAM	1	0	21.66	21.52	21.64	21.86	21.77	22.00
20	16QAM	1	49	21.62	21.74	21.75	21.82	21.96	22.00
20	16QAM	1	99	21.54	21.75	21.73	21.76	21.85	22.00
20	16QAM	50	0	20.70	20.68	20.72	20.98	20.93	21.00
20	16QAM	50	24	20.72	20.78	20.80	20.97	20.95	21.00
20	16QAM	50	50	20.65	20.81	20.82	20.85	20.91	21.00
20	16QAM	100	0	20.72	20.82	20.79	20.95	20.92	21.00
20	64QAM	1	0	20.54	20.57	20.51	20.93	20.86	21.00
20	64QAM	1	49	20.60	20.76	20.62	20.85	21.00	21.00
20	64QAM	1	99	20.57	20.81	20.70	20.81	20.86	21.00
20	64QAM	50	0	19.67	19.69	19.69	19.97	19.90	20.00
20	64QAM	50	24	19.72	19.81	19.78	19.97	19.95	20.00
20	64QAM	50	50	19.64	19.85	19.79	19.88	19.95	20.00
20	64QAM	100	0	19.72	19.80	19.75	19.94	19.92	20.00
20	256QAM	1	0	17.63	17.56	17.55	17.96	17.78	18.00
20	256QAM	1	49	17.63	17.73	17.67	17.85	17.93	18.00
20	256QAM	1	99	17.58	17.84	17.80	17.77	17.84	18.00
20	256QAM	50	0	17.72	17.70	17.68	17.97	17.92	18.00
20	256QAM	50	24	17.74	17.83	17.79	17.99	17.98	18.00
20	256QAM	50	50	17.70	17.84	17.83	17.88	17.94	18.00
20	256QAM	100	0	17.76	17.83	17.79	17.98	17.93	18.00
Channel				55315	55820	55990	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	22.52	22.72	22.67	22.74	22.79	23.00
15	QPSK	1	37	22.44	22.39	22.62	22.78	22.70	23.00
15	QPSK	1	74	22.48	22.63	22.50	22.73	22.80	23.00
15	QPSK	36	0	21.70	21.80	21.75	21.86	21.85	22.00
15	QPSK	36	20	21.60	21.59	21.76	21.84	21.82	22.00
15	QPSK	36	39	21.55	21.74	21.69	21.82	21.92	22.00
15	QPSK	75	0	21.67	21.69	21.72	21.92	21.80	22.00
15	16QAM	1	0	21.54	21.42	21.53	21.75	21.69	22.00
15	16QAM	1	37	21.60	21.64	21.62	21.79	21.87	22.00
15	16QAM	1	74	21.50	21.74	21.66	21.65	21.72	22.00
15	16QAM	36	0	20.63	20.56	20.67	20.95	20.90	21.00
15	16QAM	36	20	20.63	20.75	20.69	20.84	20.93	21.00
15	16QAM	36	39	20.58	20.77	20.73	20.76	20.79	21.00
15	16QAM	75	0	20.58	20.70	20.66	20.83	20.90	21.00
15	64QAM	1	0	20.50	20.50	20.43	20.81	20.82	21.00
15	64QAM	1	37	20.56	20.61	20.57	20.78	20.86	21.00
15	64QAM	1	74	20.54	20.77	20.58	20.69	20.84	21.00
15	64QAM	36	0	19.56	19.54	19.59	19.92	19.75	20.00
15	64QAM	36	20	19.62	19.68	19.75	19.91	19.85	20.00
15	64QAM	36	39	19.52	19.83	19.69	19.73	19.87	20.00
15	64QAM	75	0	19.66	19.66	19.73	19.89	19.90	20.00
15	256QAM	1	0	17.54	17.44	17.49	17.86	17.75	18.00
15	256QAM	1	37	17.52	17.67	17.64	17.80	17.81	18.00
15	256QAM	1	74	17.52	17.72	17.76	17.67	17.81	18.00
15	256QAM	36	0	17.65	17.64	17.62	17.92	17.81	18.00
15	256QAM	36	20	17.68	17.80	17.71	17.90	17.96	18.00
15	256QAM	36	39	17.57	17.81	17.71	17.75	17.87	18.00
15	256QAM	75	0	17.62	17.82	17.65	17.85	17.90	18.00
Channel				55290	55815	55990	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	22.48	22.79	22.69	22.84	22.85	23.00
10	QPSK	1	25	22.51	22.37	22.68	22.70	22.74	23.00
10	QPSK	1	49	22.38	22.54	22.51	22.77	22.80	23.00
10	QPSK	25	0	21.68	21.79	21.74	21.91	21.84	22.00
10	QPSK	25	12	21.62	21.62	21.65	21.87	21.79	22.00
10	QPSK	25	25	21.58	21.73	21.60	21.71	21.93	22.00
10	QPSK	50	0	21.63	21.68	21.73	21.89	21.82	22.00
10	16QAM	1	0	21.56	21.47	21.50	21.71	21.64	22.00
10	16QAM	1	25	21.54	21.61	21.61	21.70	21.94	22.00

10	16QAM	1	49	21.42	21.67	21.67	21.63	21.82	22.00
10	16QAM	25	0	20.63	20.64	20.67	20.87	20.79	21.00
10	16QAM	25	12	20.69	20.67	20.76	20.84	20.91	21.00
10	16QAM	25	25	20.54	20.73	20.78	20.76	20.81	21.00
10	16QAM	50	0	20.59	20.76	20.67	20.86	20.83	21.00
10	64QAM	1	0	20.51	20.46	20.44	20.85	20.78	21.00
10	64QAM	1	25	20.57	20.72	20.49	20.77	20.90	21.00
10	64QAM	1	49	20.51	20.67	20.66	20.80	20.73	21.00
10	64QAM	25	0	19.54	19.60	19.54	19.96	19.88	20.00
10	64QAM	25	12	19.69	19.73	19.76	19.85	19.90	20.00
10	64QAM	25	25	19.50	19.77	19.74	19.82	19.82	20.00
10	64QAM	50	0	19.57	19.65	19.66	19.92	19.78	20.00
10	256QAM	1	0	17.53	17.46	17.50	17.89	17.77	18.00
10	256QAM	1	25	17.50	17.69	17.59	17.83	17.85	18.00
10	256QAM	1	49	17.50	17.71	17.77	17.69	17.72	18.00
10	256QAM	25	0	17.59	17.67	17.66	17.82	17.85	18.00
10	256QAM	25	12	17.60	17.73	17.77	17.88	17.88	18.00
10	256QAM	25	25	17.68	17.80	17.71	17.80	17.85	18.00
10	256QAM	50	0	17.70	17.77	17.76	17.93	17.86	18.00
Channel				55265	55810	55990	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	22.51	22.73	22.65	22.76	22.84	23.00
5	QPSK	1	12	22.45	22.35	22.64	22.77	22.76	23.00
5	QPSK	1	24	22.40	22.64	22.42	22.65	22.70	23.00
5	QPSK	12	0	21.70	21.79	21.71	21.91	21.88	22.00
5	QPSK	12	7	21.57	21.65	21.70	21.76	21.91	22.00
5	QPSK	12	13	21.62	21.67	21.67	21.83	21.94	22.00
5	QPSK	25	0	21.60	21.65	21.67	21.83	21.81	22.00
5	16QAM	1	0	21.58	21.40	21.55	21.72	21.63	22.00
5	16QAM	1	12	21.58	21.68	21.65	21.71	21.89	22.00
5	16QAM	1	24	21.41	21.63	21.65	21.72	21.76	22.00
5	16QAM	12	0	20.69	20.55	20.71	20.97	20.89	21.00
5	16QAM	12	7	20.60	20.66	20.65	20.94	20.93	21.00
5	16QAM	12	13	20.56	20.75	20.81	20.72	20.85	21.00
5	16QAM	25	0	20.70	20.72	20.78	20.87	20.87	21.00
5	64QAM	1	0	20.47	20.55	20.43	20.82	20.72	21.00
5	64QAM	1	12	20.57	20.64	20.51	20.84	20.86	21.00
5	64QAM	1	24	20.45	20.76	20.55	20.76	20.75	21.00
5	64QAM	12	0	19.56	19.62	19.61	19.94	19.86	20.00
5	64QAM	12	7	19.59	19.69	19.71	19.85	19.81	20.00
5	64QAM	12	13	19.55	19.79	19.73	19.86	19.82	20.00
5	64QAM	25	0	19.63	19.74	19.71	19.85	19.90	20.00
5	256QAM	1	0	17.60	17.54	17.51	17.88	17.69	18.00
5	256QAM	1	12	17.58	17.63	17.61	17.72	17.88	18.00
5	256QAM	1	24	17.54	17.72	17.67	17.62	17.76	18.00
5	256QAM	12	0	17.59	17.65	17.62	17.89	17.78	18.00
5	256QAM	12	7	17.70	17.77	17.67	17.95	17.85	18.00
5	256QAM	12	13	17.55	17.74	17.81	17.78	17.83	18.00
5	256QAM	25	0	17.64	17.72	17.70	17.88	17.83	18.00

【LTE Band 48 _FCC_ Part 96 (3550~3700MHz)_ Ant 8_DSI 1】

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				55340	55830	55990	56150	56640	
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	22.62	22.83	22.79	22.89	22.91	23.00
20	QPSK	1	49	22.54	22.49	22.70	22.83	22.79	23.00
20	QPSK	1	99	22.53	22.69	22.55	22.78	22.83	23.00
20	QPSK	50	0	21.72	21.82	21.80	21.95	21.97	22.00
20	QPSK	50	24	21.68	21.72	21.77	21.89	21.94	22.00
20	QPSK	50	50	21.66	21.80	21.72	21.85	21.97	22.00
20	QPSK	100	0	21.73	21.78	21.77	21.96	21.89	22.00
20	16QAM	1	0	21.66	21.52	21.64	21.86	21.77	22.00
20	16QAM	1	49	21.62	21.74	21.75	21.82	21.96	22.00
20	16QAM	1	99	21.54	21.75	21.73	21.76	21.85	22.00
20	16QAM	50	0	20.70	20.68	20.72	20.98	20.93	21.00
20	16QAM	50	24	20.72	20.78	20.80	20.97	20.95	21.00
20	16QAM	50	50	20.65	20.81	20.82	20.85	20.91	21.00
20	16QAM	100	0	20.72	20.82	20.79	20.95	20.92	21.00
20	64QAM	1	0	20.54	20.57	20.51	20.93	20.86	21.00
20	64QAM	1	49	20.60	20.76	20.62	20.85	21.00	21.00
20	64QAM	1	99	20.57	20.81	20.70	20.81	20.86	21.00

20	64QAM	50	0	19.67	19.69	19.69	19.97	19.90	20.00
20	64QAM	50	24	19.72	19.81	19.78	19.97	19.95	20.00
20	64QAM	50	50	19.64	19.85	19.79	19.88	19.95	20.00
20	64QAM	100	0	19.72	19.80	19.75	19.94	19.92	20.00
20	256QAM	1	0	17.63	17.56	17.55	17.96	17.78	18.00
20	256QAM	1	49	17.63	17.73	17.67	17.85	17.93	18.00
20	256QAM	1	99	17.58	17.84	17.80	17.77	17.84	18.00
20	256QAM	50	0	17.72	17.70	17.68	17.97	17.92	18.00
20	256QAM	50	24	17.74	17.83	17.79	17.99	17.98	18.00
20	256QAM	50	50	17.70	17.84	17.83	17.88	17.94	18.00
20	256QAM	100	0	17.76	17.83	17.79	17.98	17.93	18.00
Channel				55315	55820	55990	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	22.52	22.72	22.67	22.74	22.79	23.00
15	QPSK	1	37	22.44	22.39	22.62	22.78	22.70	23.00
15	QPSK	1	74	22.48	22.63	22.50	22.73	22.80	23.00
15	QPSK	36	0	21.70	21.80	21.75	21.86	21.85	22.00
15	QPSK	36	20	21.60	21.59	21.76	21.84	21.82	22.00
15	QPSK	36	39	21.55	21.74	21.69	21.82	21.92	22.00
15	QPSK	75	0	21.67	21.69	21.72	21.92	21.80	22.00
15	16QAM	1	0	21.54	21.42	21.53	21.75	21.69	22.00
15	16QAM	1	37	21.60	21.64	21.62	21.79	21.87	22.00
15	16QAM	1	74	21.50	21.74	21.66	21.65	21.72	22.00
15	16QAM	36	0	20.63	20.56	20.67	20.95	20.90	21.00
15	16QAM	36	20	20.63	20.75	20.69	20.84	20.93	21.00
15	16QAM	36	39	20.58	20.77	20.73	20.76	20.79	21.00
15	16QAM	75	0	20.58	20.70	20.66	20.83	20.90	21.00
15	64QAM	1	0	20.50	20.50	20.43	20.81	20.82	21.00
15	64QAM	1	37	20.56	20.61	20.57	20.78	20.86	21.00
15	64QAM	1	74	20.54	20.77	20.58	20.69	20.84	21.00
15	64QAM	36	0	19.56	19.54	19.59	19.92	19.75	20.00
15	64QAM	36	20	19.62	19.68	19.75	19.91	19.85	20.00
15	64QAM	36	39	19.52	19.83	19.69	19.73	19.87	20.00
15	64QAM	75	0	19.66	19.66	19.73	19.89	19.90	20.00
15	256QAM	1	0	17.54	17.44	17.49	17.86	17.75	18.00
15	256QAM	1	37	17.52	17.67	17.64	17.80	17.81	18.00
15	256QAM	1	74	17.52	17.72	17.76	17.67	17.81	18.00
15	256QAM	36	0	17.65	17.64	17.62	17.92	17.81	18.00
15	256QAM	36	20	17.68	17.80	17.71	17.90	17.96	18.00
15	256QAM	36	39	17.57	17.81	17.71	17.75	17.87	18.00
15	256QAM	75	0	17.62	17.82	17.65	17.85	17.90	18.00
Channel				55290	55815	55990	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	22.48	22.79	22.69	22.84	22.85	23.00
10	QPSK	1	25	22.51	22.37	22.68	22.70	22.74	23.00
10	QPSK	1	49	22.38	22.54	22.51	22.77	22.80	23.00
10	QPSK	25	0	21.68	21.79	21.74	21.91	21.84	22.00
10	QPSK	25	12	21.62	21.62	21.65	21.87	21.79	22.00
10	QPSK	25	25	21.58	21.73	21.60	21.71	21.93	22.00
10	QPSK	50	0	21.63	21.68	21.73	21.89	21.82	22.00
10	16QAM	1	0	21.56	21.47	21.50	21.71	21.64	22.00
10	16QAM	1	25	21.54	21.61	21.61	21.70	21.94	22.00
10	16QAM	1	49	21.42	21.67	21.67	21.63	21.82	22.00
10	16QAM	25	0	20.63	20.64	20.67	20.87	20.79	21.00
10	16QAM	25	12	20.69	20.67	20.76	20.84	20.91	21.00
10	16QAM	25	25	20.54	20.73	20.78	20.76	20.81	21.00
10	16QAM	50	0	20.59	20.76	20.67	20.86	20.83	21.00
10	64QAM	1	0	20.51	20.46	20.44	20.85	20.78	21.00
10	64QAM	1	25	20.57	20.72	20.49	20.77	20.90	21.00
10	64QAM	1	49	20.51	20.67	20.66	20.80	20.73	21.00
10	64QAM	25	0	19.54	19.60	19.54	19.96	19.88	20.00
10	64QAM	25	12	19.69	19.73	19.76	19.85	19.90	20.00
10	64QAM	25	25	19.50	19.77	19.74	19.82	19.82	20.00
10	64QAM	50	0	19.57	19.65	19.66	19.92	19.78	20.00
10	256QAM	1	0	17.53	17.46	17.50	17.89	17.77	18.00
10	256QAM	1	25	17.50	17.69	17.59	17.83	17.85	18.00
10	256QAM	1	49	17.50	17.71	17.77	17.69	17.72	18.00
10	256QAM	25	0	17.59	17.67	17.66	17.82	17.85	18.00
10	256QAM	25	12	17.60	17.73	17.77	17.88	17.88	18.00
10	256QAM	25	25	17.68	17.80	17.71	17.80	17.85	18.00
10	256QAM	50	0	17.70	17.77	17.76	17.93	17.86	18.00
Channel				55265	55810	55990	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	22.51	22.73	22.65	22.76	22.84	23.00
5	QPSK	1	12	22.45	22.35	22.64	22.77	22.76	23.00

5	QPSK	1	24	22.40	22.64	22.42	22.65	22.70	23.00
5	QPSK	12	0	21.70	21.79	21.71	21.91	21.88	22.00
5	QPSK	12	7	21.57	21.65	21.70	21.76	21.91	22.00
5	QPSK	12	13	21.62	21.67	21.67	21.83	21.94	22.00
5	QPSK	25	0	21.60	21.65	21.67	21.83	21.81	22.00
5	16QAM	1	0	21.58	21.40	21.55	21.72	21.63	22.00
5	16QAM	1	12	21.58	21.68	21.65	21.71	21.89	22.00
5	16QAM	1	24	21.41	21.63	21.65	21.72	21.76	22.00
5	16QAM	12	0	20.69	20.55	20.71	20.97	20.89	21.00
5	16QAM	12	7	20.60	20.66	20.65	20.94	20.93	21.00
5	16QAM	12	13	20.56	20.75	20.81	20.72	20.85	21.00
5	16QAM	25	0	20.70	20.72	20.78	20.87	20.87	21.00
5	64QAM	1	0	20.47	20.55	20.43	20.82	20.72	21.00
5	64QAM	1	12	20.57	20.64	20.51	20.84	20.86	21.00
5	64QAM	1	24	20.45	20.76	20.55	20.76	20.75	21.00
5	64QAM	12	0	19.56	19.62	19.61	19.94	19.86	20.00
5	64QAM	12	7	19.59	19.69	19.71	19.85	19.81	20.00
5	64QAM	12	13	19.55	19.79	19.73	19.86	19.82	20.00
5	64QAM	25	0	19.63	19.74	19.71	19.85	19.90	20.00
5	256QAM	1	0	17.60	17.54	17.51	17.88	17.69	18.00
5	256QAM	1	12	17.58	17.63	17.61	17.72	17.88	18.00
5	256QAM	1	24	17.54	17.72	17.67	17.62	17.76	18.00
5	256QAM	12	0	17.59	17.65	17.62	17.89	17.78	18.00
5	256QAM	12	7	17.70	17.77	17.67	17.95	17.85	18.00
5	256QAM	12	13	17.55	17.74	17.81	17.78	17.83	18.00
5	256QAM	25	0	17.64	17.72	17.70	17.88	17.83	18.00

【LTE Band 48 _FCC_Part 96 (3550~3700MHz)_Ant 8_DSI 4】

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				55340	55830	55990	56150	56640	
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	22.62	22.83	22.79	22.89	22.91	23.00
20	QPSK	1	49	22.54	22.49	22.70	22.83	22.79	23.00
20	QPSK	1	99	22.53	22.69	22.55	22.78	22.83	23.00
20	QPSK	50	0	21.72	21.82	21.80	21.95	21.97	22.00
20	QPSK	50	24	21.68	21.72	21.77	21.89	21.94	22.00
20	QPSK	50	50	21.66	21.80	21.72	21.85	21.97	22.00
20	QPSK	100	0	21.73	21.78	21.77	21.96	21.89	22.00
20	16QAM	1	0	21.66	21.52	21.64	21.86	21.77	22.00
20	16QAM	1	49	21.62	21.74	21.75	21.82	21.96	22.00
20	16QAM	1	99	21.54	21.75	21.73	21.76	21.85	22.00
20	16QAM	50	0	20.70	20.68	20.72	20.98	20.93	21.00
20	16QAM	50	24	20.72	20.78	20.80	20.97	20.95	21.00
20	16QAM	50	50	20.65	20.81	20.82	20.85	20.91	21.00
20	16QAM	100	0	20.72	20.82	20.79	20.95	20.92	21.00
20	64QAM	1	0	20.54	20.57	20.51	20.93	20.86	21.00
20	64QAM	1	49	20.60	20.76	20.62	20.85	21.00	21.00
20	64QAM	1	99	20.57	20.81	20.70	20.81	20.86	21.00
20	64QAM	50	0	19.67	19.69	19.69	19.97	19.90	20.00
20	64QAM	50	24	19.72	19.81	19.78	19.97	19.95	20.00
20	64QAM	50	50	19.64	19.85	19.79	19.88	19.95	20.00
20	64QAM	100	0	19.72	19.80	19.75	19.94	19.92	20.00
20	256QAM	1	0	17.63	17.56	17.55	17.96	17.78	18.00
20	256QAM	1	49	17.63	17.73	17.67	17.85	17.93	18.00
20	256QAM	1	99	17.58	17.84	17.80	17.77	17.84	18.00
20	256QAM	50	0	17.72	17.70	17.68	17.97	17.92	18.00
20	256QAM	50	24	17.74	17.83	17.79	17.99	17.98	18.00
20	256QAM	50	50	17.70	17.84	17.83	17.88	17.94	18.00
20	256QAM	100	0	17.76	17.83	17.79	17.98	17.93	18.00
Channel				55315	55820	55990	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	22.52	22.72	22.67	22.74	22.79	23.00
15	QPSK	1	37	22.44	22.39	22.62	22.78	22.70	23.00
15	QPSK	1	74	22.48	22.63	22.50	22.73	22.80	23.00
15	QPSK	36	0	21.70	21.80	21.75	21.86	21.85	22.00
15	QPSK	36	20	21.60	21.59	21.76	21.84	21.82	22.00
15	QPSK	36	39	21.55	21.74	21.69	21.82	21.92	22.00
15	QPSK	75	0	21.67	21.69	21.72	21.92	21.80	22.00
15	16QAM	1	0	21.54	21.42	21.53	21.75	21.69	22.00
15	16QAM	1	37	21.60	21.64	21.62	21.79	21.87	22.00
15	16QAM	1	74	21.50	21.74	21.66	21.65	21.72	22.00

15	16QAM	36	0	20.63	20.56	20.67	20.95	20.90	21.00
15	16QAM	36	20	20.63	20.75	20.69	20.84	20.93	21.00
15	16QAM	36	39	20.58	20.77	20.73	20.76	20.79	21.00
15	16QAM	75	0	20.58	20.70	20.66	20.83	20.90	21.00
15	64QAM	1	0	20.50	20.50	20.43	20.81	20.82	21.00
15	64QAM	1	37	20.56	20.61	20.57	20.78	20.86	21.00
15	64QAM	1	74	20.54	20.77	20.58	20.69	20.84	21.00
15	64QAM	36	0	19.56	19.54	19.59	19.92	19.75	20.00
15	64QAM	36	20	19.62	19.68	19.75	19.91	19.85	20.00
15	64QAM	36	39	19.52	19.83	19.69	19.73	19.87	20.00
15	64QAM	75	0	19.66	19.66	19.73	19.89	19.90	20.00
15	256QAM	1	0	17.54	17.44	17.49	17.86	17.75	18.00
15	256QAM	1	37	17.52	17.67	17.64	17.80	17.81	18.00
15	256QAM	1	74	17.52	17.72	17.76	17.67	17.81	18.00
15	256QAM	36	0	17.65	17.64	17.62	17.92	17.81	18.00
15	256QAM	36	20	17.68	17.80	17.71	17.90	17.96	18.00
15	256QAM	36	39	17.57	17.81	17.71	17.75	17.87	18.00
15	256QAM	75	0	17.62	17.82	17.65	17.85	17.90	18.00
Channel				55290	55815	55990	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	22.48	22.79	22.69	22.84	22.85	23.00
10	QPSK	1	25	22.51	22.37	22.68	22.70	22.74	23.00
10	QPSK	1	49	22.38	22.54	22.51	22.77	22.80	23.00
10	QPSK	25	0	21.68	21.79	21.74	21.91	21.84	22.00
10	QPSK	25	12	21.62	21.62	21.65	21.87	21.79	22.00
10	QPSK	25	25	21.58	21.73	21.60	21.71	21.93	22.00
10	QPSK	50	0	21.63	21.68	21.73	21.89	21.82	22.00
10	16QAM	1	0	21.56	21.47	21.50	21.71	21.64	22.00
10	16QAM	1	25	21.54	21.61	21.61	21.70	21.94	22.00
10	16QAM	1	49	21.42	21.67	21.67	21.63	21.82	22.00
10	16QAM	25	0	20.63	20.64	20.67	20.87	20.79	21.00
10	16QAM	25	12	20.69	20.67	20.76	20.84	20.91	21.00
10	16QAM	25	25	20.54	20.73	20.78	20.76	20.81	21.00
10	16QAM	50	0	20.59	20.76	20.67	20.86	20.83	21.00
10	64QAM	1	0	20.51	20.46	20.44	20.85	20.78	21.00
10	64QAM	1	25	20.57	20.72	20.49	20.77	20.90	21.00
10	64QAM	1	49	20.51	20.67	20.66	20.80	20.73	21.00
10	64QAM	25	0	19.54	19.60	19.54	19.96	19.88	20.00
10	64QAM	25	12	19.69	19.73	19.76	19.85	19.90	20.00
10	64QAM	25	25	19.50	19.77	19.74	19.82	19.82	20.00
10	64QAM	50	0	19.57	19.65	19.66	19.92	19.78	20.00
10	256QAM	1	0	17.53	17.46	17.50	17.89	17.77	18.00
10	256QAM	1	25	17.50	17.69	17.59	17.83	17.85	18.00
10	256QAM	1	49	17.50	17.71	17.77	17.69	17.72	18.00
10	256QAM	25	0	17.59	17.67	17.66	17.82	17.85	18.00
10	256QAM	25	12	17.60	17.73	17.77	17.88	17.88	18.00
10	256QAM	25	25	17.68	17.80	17.71	17.80	17.85	18.00
10	256QAM	50	0	17.70	17.77	17.76	17.93	17.86	18.00
Channel				55265	55810	55990	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	22.51	22.73	22.65	22.76	22.84	23.00
5	QPSK	1	12	22.45	22.35	22.64	22.77	22.76	23.00
5	QPSK	1	24	22.40	22.64	22.42	22.65	22.70	23.00
5	QPSK	12	0	21.70	21.79	21.71	21.91	21.88	22.00
5	QPSK	12	7	21.57	21.65	21.70	21.76	21.91	22.00
5	QPSK	12	13	21.62	21.67	21.67	21.83	21.94	22.00
5	QPSK	25	0	21.60	21.65	21.67	21.83	21.81	22.00
5	16QAM	1	0	21.58	21.40	21.55	21.72	21.63	22.00
5	16QAM	1	12	21.58	21.68	21.65	21.71	21.89	22.00
5	16QAM	1	24	21.41	21.63	21.65	21.72	21.76	22.00
5	16QAM	12	0	20.69	20.55	20.71	20.97	20.89	21.00
5	16QAM	12	7	20.60	20.66	20.65	20.94	20.93	21.00
5	16QAM	12	13	20.56	20.75	20.81	20.72	20.85	21.00
5	16QAM	25	0	20.70	20.72	20.78	20.87	20.87	21.00
5	64QAM	1	0	20.47	20.55	20.43	20.82	20.72	21.00
5	64QAM	1	12	20.57	20.64	20.51	20.84	20.86	21.00
5	64QAM	1	24	20.45	20.76	20.55	20.76	20.75	21.00
5	64QAM	12	0	19.56	19.62	19.61	19.94	19.86	20.00
5	64QAM	12	7	19.59	19.69	19.71	19.85	19.81	20.00
5	64QAM	12	13	19.55	19.79	19.73	19.86	19.82	20.00
5	64QAM	25	0	19.63	19.74	19.71	19.85	19.90	20.00
5	256QAM	1	0	17.60	17.54	17.51	17.88	17.69	18.00
5	256QAM	1	12	17.58	17.63	17.61	17.72	17.88	18.00
5	256QAM	1	24	17.54	17.72	17.67	17.62	17.76	18.00
5	256QAM	12	0	17.59	17.65	17.62	17.89	17.78	18.00
5	256QAM	12	7	17.70	17.77	17.67	17.95	17.85	18.00



FCC SAR TEST REPORT

Report No. :FA503114B

5	256QAM	12	13	17.55	17.74	17.81	17.78	17.83	18.00
5	256QAM	25	0	17.64	17.72	17.70	17.88	17.83	18.00

【LTE Band 48 _FCC_Part 96 (3550~3700MHz)_Ant 9_DSI 0】

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				55340	55830	55990	56150	56640	23.00
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	21.49	21.63	21.79	21.71	21.58	23.00
20	QPSK	1	49	21.38	21.47	21.73	21.54	21.39	23.00
20	QPSK	1	99	21.43	21.59	21.77	21.66	21.44	23.00
20	QPSK	50	0	20.45	20.64	20.84	20.65	20.60	22.00
20	QPSK	50	24	20.40	20.51	20.81	20.59	20.59	22.00
20	QPSK	50	50	20.41	20.61	20.84	20.64	20.57	22.00
20	QPSK	100	0	20.51	20.60	20.82	20.61	20.59	22.00
20	16QAM	1	0	20.95	21.05	21.26	21.13	20.94	22.00
20	16QAM	1	49	20.92	21.10	21.32	21.21	20.99	22.00
20	16QAM	1	99	20.98	21.17	21.38	21.19	21.06	22.00
20	16QAM	50	0	19.47	19.62	19.82	19.69	19.51	21.00
20	16QAM	50	24	19.47	19.70	19.86	19.72	19.62	21.00
20	16QAM	50	50	19.53	19.61	19.87	19.69	19.55	21.00
20	16QAM	100	0	19.55	19.62	19.88	19.73	19.60	21.00
20	64QAM	1	0	19.46	19.56	19.81	19.69	19.55	21.00
20	64QAM	1	49	19.45	19.56	19.80	19.59	19.56	21.00
20	64QAM	1	99	19.50	19.67	19.84	19.76	19.61	21.00
20	64QAM	50	0	18.44	18.53	18.78	18.64	18.54	20.00
20	64QAM	50	24	18.51	18.58	18.83	18.68	18.50	20.00
20	64QAM	50	50	18.52	18.58	18.82	18.63	18.54	20.00
20	64QAM	100	0	18.52	18.62	18.82	18.62	18.59	20.00
20	256QAM	1	0	16.47	16.52	16.72	16.59	16.52	18.00
20	256QAM	1	49	16.44	16.61	16.81	16.70	16.63	18.00
20	256QAM	1	99	16.35	16.50	16.65	16.45	16.40	18.00
20	256QAM	50	0	16.50	16.61	16.83	16.65	16.56	18.00
20	256QAM	50	24	16.57	16.63	16.86	16.75	16.56	18.00
20	256QAM	50	50	16.51	16.69	16.86	16.77	16.58	18.00
20	256QAM	100	0	16.60	16.69	16.87	16.79	16.62	18.00
Channel				55315	55820	55990	56160	56665	23.00
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	21.39	21.55	21.71	21.67	21.50	23.00
15	QPSK	1	37	21.34	21.34	21.71	21.51	21.32	23.00
15	QPSK	1	74	21.39	21.57	21.63	21.54	21.40	23.00
15	QPSK	36	0	20.32	20.58	20.75	20.57	20.43	22.00
15	QPSK	36	20	20.26	20.38	20.68	20.48	20.51	22.00
15	QPSK	36	39	20.37	20.48	20.79	20.56	20.55	22.00
15	QPSK	75	0	20.47	20.58	20.76	20.50	20.56	22.00
15	16QAM	1	0	20.92	20.92	21.12	21.07	20.88	22.00
15	16QAM	1	37	20.88	21.02	21.28	21.15	20.86	22.00
15	16QAM	1	74	20.86	21.06	21.33	21.07	21.04	22.00
15	16QAM	36	0	19.45	19.50	19.69	19.60	19.47	21.00
15	16QAM	36	20	19.33	19.61	19.83	19.67	19.55	21.00
15	16QAM	36	39	19.38	19.56	19.82	19.63	19.44	21.00
15	16QAM	75	0	19.43	19.48	19.75	19.61	19.50	21.00
15	64QAM	1	0	19.41	19.46	19.76	19.57	19.48	21.00
15	64QAM	1	37	19.38	19.48	19.68	19.49	19.47	21.00
15	64QAM	1	74	19.36	19.54	19.75	19.68	19.56	21.00
15	64QAM	36	0	18.40	18.38	18.73	18.60	18.45	20.00
15	64QAM	36	20	18.50	18.44	18.78	18.65	18.42	20.00
15	64QAM	36	39	18.45	18.55	18.78	18.57	18.40	20.00
15	64QAM	75	0	18.49	18.55	18.75	18.56	18.57	20.00
15	256QAM	1	0	16.37	16.39	16.67	16.50	16.41	18.00
15	256QAM	1	37	16.39	16.52	16.78	16.65	16.51	18.00
15	256QAM	1	74	16.21	16.43	16.50	16.33	16.31	18.00
15	256QAM	36	0	16.37	16.53	16.77	16.53	16.45	18.00
15	256QAM	36	20	16.52	16.58	16.72	16.68	16.42	18.00
15	256QAM	36	39	16.36	16.64	16.80	16.73	16.45	18.00
15	256QAM	75	0	16.48	16.58	16.77	16.75	16.61	18.00
Channel				55290	55815	55990	56165	56690	23.00
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	21.48	21.57	21.75	21.63	21.51	23.00
10	QPSK	1	25	21.26	21.32	21.72	21.42	21.28	23.00
10	QPSK	1	49	21.41	21.51	21.62	21.58	21.35	23.00

10	QPSK	25	0	20.30	20.54	20.80	20.56	20.46	22.00
10	QPSK	25	12	20.37	20.46	20.73	20.51	20.55	22.00
10	QPSK	25	25	20.37	20.48	20.72	20.62	20.46	22.00
10	QPSK	50	0	20.45	20.49	20.75	20.47	20.53	22.00
10	16QAM	1	0	20.81	21.01	21.12	21.07	20.87	22.00
10	16QAM	1	25	20.78	20.97	21.30	21.18	20.87	22.00
10	16QAM	1	49	20.93	21.14	21.34	21.14	21.05	22.00
10	16QAM	25	0	19.38	19.58	19.73	19.62	19.49	21.00
10	16QAM	25	12	19.37	19.55	19.80	19.62	19.50	21.00
10	16QAM	25	25	19.42	19.57	19.79	19.57	19.42	21.00
10	16QAM	50	0	19.49	19.50	19.82	19.68	19.51	21.00
10	64QAM	1	0	19.33	19.45	19.68	19.66	19.54	21.00
10	64QAM	1	25	19.31	19.43	19.76	19.45	19.51	21.00
10	64QAM	1	49	19.39	19.64	19.74	19.63	19.49	21.00
10	64QAM	25	0	18.32	18.38	18.67	18.57	18.45	20.00
10	64QAM	25	12	18.45	18.47	18.72	18.65	18.40	20.00
10	64QAM	25	25	18.49	18.55	18.75	18.59	18.40	20.00
10	64QAM	50	0	18.40	18.53	18.80	18.49	18.56	20.00
10	256QAM	1	0	16.38	16.45	16.68	16.44	16.38	18.00
10	256QAM	1	25	16.36	16.51	16.73	16.55	16.54	18.00
10	256QAM	1	49	16.30	16.38	16.52	16.40	16.33	18.00
10	256QAM	25	0	16.37	16.57	16.69	16.56	16.54	18.00
10	256QAM	25	12	16.47	16.57	16.77	16.64	16.50	18.00
10	256QAM	25	25	16.42	16.55	16.83	16.75	16.48	18.00
10	256QAM	50	0	16.48	16.64	16.85	16.75	16.59	18.00
Channel				55265	55810	55990	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	21.40	21.60	21.65	21.66	21.45	23.00
5	QPSK	1	12	21.27	21.40	21.68	21.40	21.26	23.00
5	QPSK	1	24	21.36	21.51	21.76	21.57	21.35	23.00
5	QPSK	12	0	20.36	20.57	20.69	20.63	20.46	22.00
5	QPSK	12	7	20.34	20.43	20.75	20.49	20.48	22.00
5	QPSK	12	13	20.34	20.47	20.73	20.56	20.55	22.00
5	QPSK	25	0	20.36	20.51	20.75	20.49	20.52	22.00
5	16QAM	1	0	20.92	21.00	21.18	21.11	20.86	22.00
5	16QAM	1	12	20.87	21.07	21.25	21.15	20.85	22.00
5	16QAM	1	24	20.93	21.09	21.25	21.07	20.92	22.00
5	16QAM	12	0	19.42	19.58	19.71	19.59	19.41	21.00
5	16QAM	12	7	19.36	19.69	19.75	19.57	19.53	21.00
5	16QAM	12	13	19.46	19.51	19.73	19.64	19.50	21.00
5	16QAM	25	0	19.41	19.48	19.83	19.70	19.46	21.00
5	64QAM	1	0	19.34	19.45	19.71	19.68	19.46	21.00
5	64QAM	1	12	19.39	19.43	19.67	19.50	19.48	21.00
5	64QAM	1	24	19.35	19.58	19.69	19.68	19.52	21.00
5	64QAM	12	0	18.42	18.51	18.64	18.61	18.41	20.00
5	64QAM	12	7	18.43	18.50	18.70	18.64	18.47	20.00
5	64QAM	12	13	18.48	18.55	18.68	18.62	18.41	20.00
5	64QAM	25	0	18.40	18.53	18.72	18.55	18.48	20.00
5	256QAM	1	0	16.38	16.45	16.66	16.46	16.37	18.00
5	256QAM	1	12	16.33	16.47	16.71	16.58	16.55	18.00
5	256QAM	1	24	16.20	16.37	16.50	16.44	16.25	18.00
5	256QAM	12	0	16.35	16.52	16.70	16.53	16.50	18.00
5	256QAM	12	7	16.47	16.48	16.71	16.68	16.47	18.00
5	256QAM	12	13	16.45	16.59	16.80	16.74	16.55	18.00
5	256QAM	25	0	16.59	16.56	16.75	16.74	16.52	18.00

【LTE Band 48_FCC_Part 96 (3550~3700MHz)_Ant 9_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				55340	55830	55990	56150	56640	
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	21.49	21.63	21.79	21.71	21.58	23.00
20	QPSK	1	49	21.38	21.47	21.73	21.54	21.39	23.00
20	QPSK	1	99	21.43	21.59	21.77	21.66	21.44	23.00
20	QPSK	50	0	20.45	20.64	20.84	20.65	20.60	22.00
20	QPSK	50	24	20.40	20.51	20.81	20.59	20.59	22.00
20	QPSK	50	50	20.41	20.61	20.84	20.64	20.57	22.00
20	QPSK	100	0	20.51	20.60	20.82	20.61	20.59	22.00
20	16QAM	1	0	20.95	21.05	21.26	21.13	20.94	22.00
20	16QAM	1	49	20.92	21.10	21.32	21.21	20.99	22.00
20	16QAM	1	99	20.98	21.17	21.38	21.19	21.06	22.00
20	16QAM	50	0	19.47	19.62	19.82	19.69	19.51	21.00

20	16QAM	50	24	19.47	19.70	19.86	19.72	19.62	21.00
20	16QAM	50	50	19.53	19.61	19.87	19.69	19.55	21.00
20	16QAM	100	0	19.55	19.62	19.88	19.73	19.60	21.00
20	64QAM	1	0	19.46	19.56	19.81	19.69	19.55	21.00
20	64QAM	1	49	19.45	19.56	19.80	19.59	19.56	21.00
20	64QAM	1	99	19.50	19.67	19.84	19.76	19.61	21.00
20	64QAM	50	0	18.44	18.53	18.78	18.64	18.54	20.00
20	64QAM	50	24	18.51	18.58	18.83	18.68	18.50	20.00
20	64QAM	50	50	18.52	18.58	18.82	18.63	18.54	20.00
20	64QAM	100	0	18.52	18.62	18.82	18.62	18.59	20.00
20	256QAM	1	0	16.47	16.52	16.72	16.59	16.52	18.00
20	256QAM	1	49	16.44	16.61	16.81	16.70	16.63	18.00
20	256QAM	1	99	16.35	16.50	16.65	16.45	16.40	18.00
20	256QAM	50	0	16.50	16.61	16.83	16.65	16.56	18.00
20	256QAM	50	24	16.57	16.63	16.86	16.75	16.56	18.00
20	256QAM	50	50	16.51	16.69	16.86	16.77	16.58	18.00
20	256QAM	100	0	16.60	16.69	16.87	16.79	16.62	18.00
Channel				55315	55820	55990	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	21.39	21.55	21.71	21.67	21.50	23.00
15	QPSK	1	37	21.34	21.34	21.71	21.51	21.32	23.00
15	QPSK	1	74	21.39	21.57	21.63	21.54	21.40	23.00
15	QPSK	36	0	20.32	20.58	20.75	20.57	20.43	22.00
15	QPSK	36	20	20.26	20.38	20.68	20.48	20.51	22.00
15	QPSK	36	39	20.37	20.48	20.79	20.56	20.55	22.00
15	QPSK	75	0	20.47	20.58	20.76	20.50	20.56	22.00
15	16QAM	1	0	20.92	20.92	21.12	21.07	20.88	22.00
15	16QAM	1	37	20.88	21.02	21.28	21.15	20.86	22.00
15	16QAM	1	74	20.86	21.06	21.33	21.07	21.04	22.00
15	16QAM	36	0	19.45	19.50	19.69	19.60	19.47	21.00
15	16QAM	36	20	19.33	19.61	19.83	19.67	19.55	21.00
15	16QAM	36	39	19.38	19.56	19.82	19.63	19.44	21.00
15	16QAM	75	0	19.43	19.48	19.75	19.61	19.50	21.00
15	64QAM	1	0	19.41	19.46	19.76	19.57	19.48	21.00
15	64QAM	1	37	19.38	19.48	19.68	19.49	19.47	21.00
15	64QAM	1	74	19.36	19.54	19.75	19.68	19.56	21.00
15	64QAM	36	0	18.40	18.38	18.73	18.60	18.45	20.00
15	64QAM	36	20	18.50	18.44	18.78	18.65	18.42	20.00
15	64QAM	36	39	18.45	18.55	18.78	18.57	18.40	20.00
15	64QAM	75	0	18.49	18.55	18.75	18.56	18.57	20.00
15	256QAM	1	0	16.37	16.39	16.67	16.50	16.41	18.00
15	256QAM	1	37	16.39	16.52	16.78	16.65	16.51	18.00
15	256QAM	1	74	16.21	16.43	16.50	16.33	16.31	18.00
15	256QAM	36	0	16.37	16.53	16.77	16.53	16.45	18.00
15	256QAM	36	20	16.52	16.58	16.72	16.68	16.42	18.00
15	256QAM	36	39	16.36	16.64	16.80	16.73	16.45	18.00
15	256QAM	75	0	16.48	16.58	16.77	16.75	16.61	18.00
Channel				55290	55815	55990	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	21.48	21.57	21.75	21.63	21.51	23.00
10	QPSK	1	25	21.26	21.32	21.72	21.42	21.28	23.00
10	QPSK	1	49	21.41	21.51	21.62	21.58	21.35	23.00
10	QPSK	25	0	20.30	20.54	20.80	20.56	20.46	22.00
10	QPSK	25	12	20.37	20.46	20.73	20.51	20.55	22.00
10	QPSK	25	25	20.37	20.48	20.72	20.62	20.46	22.00
10	QPSK	50	0	20.45	20.49	20.75	20.47	20.53	22.00
10	16QAM	1	0	20.81	21.01	21.12	21.07	20.87	22.00
10	16QAM	1	25	20.78	20.97	21.30	21.18	20.87	22.00
10	16QAM	1	49	20.93	21.14	21.34	21.14	21.05	22.00
10	16QAM	25	0	19.38	19.58	19.73	19.62	19.49	21.00
10	16QAM	25	12	19.37	19.55	19.80	19.62	19.50	21.00
10	16QAM	25	25	19.42	19.57	19.79	19.57	19.42	21.00
10	16QAM	50	0	19.49	19.50	19.82	19.68	19.51	21.00
10	64QAM	1	0	19.33	19.45	19.68	19.66	19.54	21.00
10	64QAM	1	25	19.31	19.43	19.76	19.45	19.51	21.00
10	64QAM	1	49	19.39	19.64	19.74	19.63	19.49	21.00
10	64QAM	25	0	18.32	18.38	18.67	18.57	18.45	20.00
10	64QAM	25	12	18.45	18.47	18.72	18.65	18.40	20.00
10	64QAM	25	25	18.49	18.55	18.75	18.59	18.40	20.00
10	64QAM	50	0	18.40	18.53	18.80	18.49	18.56	20.00
10	256QAM	1	0	16.38	16.45	16.68	16.44	16.38	18.00
10	256QAM	1	25	16.36	16.51	16.73	16.55	16.54	18.00
10	256QAM	1	49	16.30	16.38	16.52	16.40	16.33	18.00
10	256QAM	25	0	16.37	16.57	16.69	16.56	16.54	18.00
10	256QAM	25	12	16.47	16.57	16.77	16.64	16.50	18.00
10	256QAM	25	25	16.42	16.55	16.83	16.75	16.48	18.00

10	256QAM	50	0	16.48	16.64	16.85	16.75	16.59	18.00
Channel				55265	55810	55990	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	21.40	21.60	21.65	21.66	21.45	23.00
5	QPSK	1	12	21.27	21.40	21.68	21.40	21.26	23.00
5	QPSK	1	24	21.36	21.51	21.76	21.57	21.35	23.00
5	QPSK	12	0	20.36	20.57	20.69	20.63	20.46	22.00
5	QPSK	12	7	20.34	20.43	20.75	20.49	20.48	22.00
5	QPSK	12	13	20.34	20.47	20.73	20.56	20.55	22.00
5	QPSK	25	0	20.36	20.51	20.75	20.49	20.52	22.00
5	16QAM	1	0	20.92	21.00	21.18	21.11	20.86	22.00
5	16QAM	1	12	20.87	21.07	21.25	21.15	20.85	22.00
5	16QAM	1	24	20.93	21.09	21.25	21.07	20.92	22.00
5	16QAM	12	0	19.42	19.58	19.71	19.59	19.41	21.00
5	16QAM	12	7	19.36	19.69	19.75	19.57	19.53	21.00
5	16QAM	12	13	19.46	19.51	19.73	19.64	19.50	21.00
5	16QAM	25	0	19.41	19.48	19.83	19.70	19.46	21.00
5	64QAM	1	0	19.34	19.45	19.71	19.68	19.46	21.00
5	64QAM	1	12	19.39	19.43	19.67	19.50	19.48	21.00
5	64QAM	1	24	19.35	19.58	19.69	19.68	19.52	21.00
5	64QAM	12	0	18.42	18.51	18.64	18.61	18.41	20.00
5	64QAM	12	7	18.43	18.50	18.70	18.64	18.47	20.00
5	64QAM	12	13	18.48	18.55	18.68	18.62	18.41	20.00
5	64QAM	25	0	18.40	18.53	18.72	18.55	18.48	20.00
5	256QAM	1	0	16.38	16.45	16.66	16.46	16.37	18.00
5	256QAM	1	12	16.33	16.47	16.71	16.58	16.55	18.00
5	256QAM	1	24	16.20	16.37	16.50	16.44	16.25	18.00
5	256QAM	12	0	16.35	16.52	16.70	16.53	16.50	18.00
5	256QAM	12	7	16.47	16.48	16.71	16.68	16.47	18.00
5	256QAM	12	13	16.45	16.59	16.80	16.74	16.55	18.00
5	256QAM	25	0	16.59	16.56	16.75	16.74	16.52	18.00

【LTE Band 48_FCC_Part 96 (3550~3700MHz)_Ant 9_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				55340	55830	55990	56150	56640	
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	21.49	21.63	21.79	21.71	21.58	23.00
20	QPSK	1	49	21.38	21.47	21.73	21.54	21.39	23.00
20	QPSK	1	99	21.43	21.59	21.77	21.66	21.44	23.00
20	QPSK	50	0	20.45	20.64	20.84	20.65	20.60	22.00
20	QPSK	50	24	20.40	20.51	20.81	20.59	20.59	22.00
20	QPSK	50	50	20.41	20.61	20.84	20.64	20.57	22.00
20	QPSK	100	0	20.51	20.60	20.82	20.61	20.59	22.00
20	16QAM	1	0	20.95	21.05	21.26	21.13	20.94	22.00
20	16QAM	1	49	20.92	21.10	21.32	21.21	20.99	22.00
20	16QAM	1	99	20.98	21.17	21.38	21.19	21.06	22.00
20	16QAM	50	0	19.47	19.62	19.82	19.69	19.51	21.00
20	16QAM	50	24	19.47	19.70	19.86	19.72	19.62	21.00
20	16QAM	50	50	19.53	19.61	19.87	19.69	19.55	21.00
20	16QAM	100	0	19.55	19.62	19.88	19.73	19.60	21.00
20	64QAM	1	0	19.46	19.56	19.81	19.69	19.55	21.00
20	64QAM	1	49	19.45	19.56	19.80	19.59	19.56	21.00
20	64QAM	1	99	19.50	19.67	19.84	19.76	19.61	21.00
20	64QAM	50	0	18.44	18.53	18.78	18.64	18.54	20.00
20	64QAM	50	24	18.51	18.58	18.83	18.68	18.50	20.00
20	64QAM	50	50	18.52	18.58	18.82	18.63	18.54	20.00
20	64QAM	100	0	18.52	18.62	18.82	18.62	18.59	20.00
20	256QAM	1	0	16.47	16.52	16.72	16.59	16.52	18.00
20	256QAM	1	49	16.44	16.61	16.81	16.70	16.63	18.00
20	256QAM	1	99	16.35	16.50	16.65	16.45	16.40	18.00
20	256QAM	50	0	16.50	16.61	16.83	16.65	16.56	18.00
20	256QAM	50	24	16.57	16.63	16.86	16.75	16.56	18.00
20	256QAM	50	50	16.51	16.69	16.86	16.77	16.58	18.00
20	256QAM	100	0	16.60	16.69	16.87	16.79	16.62	18.00
Channel				55315	55820	55990	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	21.39	21.55	21.71	21.67	21.50	23.00
15	QPSK	1	37	21.34	21.34	21.71	21.51	21.32	23.00
15	QPSK	1	74	21.39	21.57	21.63	21.54	21.40	23.00
15	QPSK	36	0	20.32	20.58	20.75	20.57	20.43	22.00

15	QPSK	36	20	20.26	20.38	20.68	20.48	20.51	22.00
15	QPSK	36	39	20.37	20.48	20.79	20.56	20.55	22.00
15	QPSK	75	0	20.47	20.58	20.76	20.50	20.56	22.00
15	16QAM	1	0	20.92	20.92	21.12	21.07	20.88	22.00
15	16QAM	1	37	20.88	21.02	21.28	21.15	20.86	22.00
15	16QAM	1	74	20.86	21.06	21.33	21.07	21.04	22.00
15	16QAM	36	0	19.45	19.50	19.69	19.60	19.47	21.00
15	16QAM	36	20	19.33	19.61	19.83	19.67	19.55	21.00
15	16QAM	36	39	19.38	19.56	19.82	19.63	19.44	21.00
15	16QAM	75	0	19.43	19.48	19.75	19.61	19.50	21.00
15	64QAM	1	0	19.41	19.46	19.76	19.57	19.48	21.00
15	64QAM	1	37	19.38	19.48	19.68	19.49	19.47	21.00
15	64QAM	1	74	19.36	19.54	19.75	19.68	19.56	21.00
15	64QAM	36	0	18.40	18.38	18.73	18.60	18.45	20.00
15	64QAM	36	20	18.50	18.44	18.78	18.65	18.42	20.00
15	64QAM	36	39	18.45	18.55	18.78	18.57	18.40	20.00
15	64QAM	75	0	18.49	18.55	18.75	18.56	18.57	20.00
15	256QAM	1	0	16.37	16.39	16.67	16.50	16.41	18.00
15	256QAM	1	37	16.39	16.52	16.78	16.65	16.51	18.00
15	256QAM	1	74	16.21	16.43	16.50	16.33	16.31	18.00
15	256QAM	36	0	16.37	16.53	16.77	16.53	16.45	18.00
15	256QAM	36	20	16.52	16.58	16.72	16.68	16.42	18.00
15	256QAM	36	39	16.36	16.64	16.80	16.73	16.45	18.00
15	256QAM	75	0	16.48	16.58	16.77	16.75	16.61	18.00
Channel				55290	55815	55990	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	21.48	21.57	21.75	21.63	21.51	23.00
10	QPSK	1	25	21.26	21.32	21.72	21.42	21.28	23.00
10	QPSK	1	49	21.41	21.51	21.62	21.58	21.35	23.00
10	QPSK	25	0	20.30	20.54	20.80	20.56	20.46	22.00
10	QPSK	25	12	20.37	20.46	20.73	20.51	20.55	22.00
10	QPSK	25	25	20.37	20.48	20.72	20.62	20.46	22.00
10	QPSK	50	0	20.45	20.49	20.75	20.47	20.53	22.00
10	16QAM	1	0	20.81	21.01	21.12	21.07	20.87	22.00
10	16QAM	1	25	20.78	20.97	21.30	21.18	20.87	22.00
10	16QAM	1	49	20.93	21.14	21.34	21.14	21.05	22.00
10	16QAM	25	0	19.38	19.58	19.73	19.62	19.49	21.00
10	16QAM	25	12	19.37	19.55	19.80	19.62	19.50	21.00
10	16QAM	25	25	19.42	19.57	19.79	19.57	19.42	21.00
10	16QAM	50	0	19.49	19.50	19.82	19.68	19.51	21.00
10	64QAM	1	0	19.33	19.45	19.68	19.66	19.54	21.00
10	64QAM	1	25	19.31	19.43	19.76	19.45	19.51	21.00
10	64QAM	1	49	19.39	19.64	19.74	19.63	19.49	21.00
10	64QAM	25	0	18.32	18.38	18.67	18.57	18.45	20.00
10	64QAM	25	12	18.45	18.47	18.72	18.65	18.40	20.00
10	64QAM	25	25	18.49	18.55	18.75	18.59	18.40	20.00
10	64QAM	50	0	18.40	18.53	18.80	18.49	18.56	20.00
10	256QAM	1	0	16.38	16.45	16.68	16.44	16.38	18.00
10	256QAM	1	25	16.36	16.51	16.73	16.55	16.54	18.00
10	256QAM	1	49	16.30	16.38	16.52	16.40	16.33	18.00
10	256QAM	25	0	16.37	16.57	16.69	16.56	16.54	18.00
10	256QAM	25	12	16.47	16.57	16.77	16.64	16.50	18.00
10	256QAM	25	25	16.42	16.55	16.83	16.75	16.48	18.00
10	256QAM	50	0	16.48	16.64	16.85	16.75	16.59	18.00
Channel				55265	55810	55990	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	21.40	21.60	21.65	21.66	21.45	23.00
5	QPSK	1	12	21.27	21.40	21.68	21.40	21.26	23.00
5	QPSK	1	24	21.36	21.51	21.76	21.57	21.35	23.00
5	QPSK	12	0	20.36	20.57	20.69	20.63	20.46	22.00
5	QPSK	12	7	20.34	20.43	20.75	20.49	20.48	22.00
5	QPSK	12	13	20.34	20.47	20.73	20.56	20.55	22.00
5	QPSK	25	0	20.36	20.51	20.75	20.49	20.52	22.00
5	16QAM	1	0	20.92	21.00	21.18	21.11	20.86	22.00
5	16QAM	1	12	20.87	21.07	21.25	21.15	20.85	22.00
5	16QAM	1	24	20.93	21.09	21.25	21.07	20.92	22.00
5	16QAM	12	0	19.42	19.58	19.71	19.59	19.41	21.00
5	16QAM	12	7	19.36	19.69	19.75	19.57	19.53	21.00
5	16QAM	12	13	19.46	19.51	19.73	19.64	19.50	21.00
5	16QAM	25	0	19.41	19.48	19.83	19.70	19.46	21.00
5	64QAM	1	0	19.34	19.45	19.71	19.68	19.46	21.00
5	64QAM	1	12	19.39	19.43	19.67	19.50	19.48	21.00
5	64QAM	1	24	19.35	19.58	19.69	19.68	19.52	21.00
5	64QAM	12	0	18.42	18.51	18.64	18.61	18.41	20.00
5	64QAM	12	7	18.43	18.50	18.70	18.64	18.47	20.00
5	64QAM	12	13	18.48	18.55	18.68	18.62	18.41	20.00

5	64QAM	25	0	18.40	18.53	18.72	18.55	18.48	20.00
5	256QAM	1	0	16.38	16.45	16.66	16.46	16.37	18.00
5	256QAM	1	12	16.33	16.47	16.71	16.58	16.55	18.00
5	256QAM	1	24	16.20	16.37	16.50	16.44	16.25	18.00
5	256QAM	12	0	16.35	16.52	16.70	16.53	16.50	18.00
5	256QAM	12	7	16.47	16.48	16.71	16.68	16.47	18.00
5	256QAM	12	13	16.45	16.59	16.80	16.74	16.55	18.00
5	256QAM	25	0	16.59	16.56	16.75	16.74	16.52	18.00

【LTE Band 48_FCC_Part 96 (3550~3700MHz)_Ant 9_DSI 1】

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				55340	55830	55990	56150	56640	
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	21.49	21.63	21.79	21.71	21.58	23.00
20	QPSK	1	49	21.38	21.47	21.73	21.54	21.39	23.00
20	QPSK	1	99	21.43	21.59	21.77	21.66	21.44	23.00
20	QPSK	50	0	20.45	20.64	20.84	20.65	20.60	22.00
20	QPSK	50	24	20.40	20.51	20.81	20.59	20.59	22.00
20	QPSK	50	50	20.41	20.61	20.84	20.64	20.57	22.00
20	QPSK	100	0	20.51	20.60	20.82	20.61	20.59	22.00
20	16QAM	1	0	20.95	21.05	21.26	21.13	20.94	22.00
20	16QAM	1	49	20.92	21.10	21.32	21.21	20.99	22.00
20	16QAM	1	99	20.98	21.17	21.38	21.19	21.06	22.00
20	16QAM	50	0	19.47	19.62	19.82	19.69	19.51	21.00
20	16QAM	50	24	19.47	19.70	19.86	19.72	19.62	21.00
20	16QAM	50	50	19.53	19.61	19.87	19.69	19.55	21.00
20	16QAM	100	0	19.55	19.62	19.88	19.73	19.60	21.00
20	64QAM	1	0	19.46	19.56	19.81	19.69	19.55	21.00
20	64QAM	1	49	19.45	19.56	19.80	19.59	19.56	21.00
20	64QAM	1	99	19.50	19.67	19.84	19.76	19.61	21.00
20	64QAM	50	0	18.44	18.53	18.78	18.64	18.54	20.00
20	64QAM	50	24	18.51	18.58	18.83	18.68	18.50	20.00
20	64QAM	50	50	18.52	18.58	18.82	18.63	18.54	20.00
20	64QAM	100	0	18.52	18.62	18.82	18.62	18.59	20.00
20	256QAM	1	0	16.47	16.52	16.72	16.59	16.52	18.00
20	256QAM	1	49	16.44	16.61	16.81	16.70	16.63	18.00
20	256QAM	1	99	16.35	16.50	16.65	16.45	16.40	18.00
20	256QAM	50	0	16.50	16.61	16.83	16.65	16.56	18.00
20	256QAM	50	24	16.57	16.63	16.86	16.75	16.56	18.00
20	256QAM	50	50	16.51	16.69	16.86	16.77	16.58	18.00
20	256QAM	100	0	16.60	16.69	16.87	16.79	16.62	18.00
Channel				55315	55820	55990	56160	56665	
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	21.39	21.55	21.71	21.67	21.50	23.00
15	QPSK	1	37	21.34	21.34	21.71	21.51	21.32	23.00
15	QPSK	1	74	21.39	21.57	21.63	21.54	21.40	23.00
15	QPSK	36	0	20.32	20.58	20.75	20.57	20.43	22.00
15	QPSK	36	20	20.26	20.38	20.68	20.48	20.51	22.00
15	QPSK	36	39	20.37	20.48	20.79	20.56	20.55	22.00
15	QPSK	75	0	20.47	20.58	20.76	20.50	20.56	22.00
15	16QAM	1	0	20.92	20.92	21.12	21.07	20.88	22.00
15	16QAM	1	37	20.88	21.02	21.28	21.15	20.86	22.00
15	16QAM	1	74	20.86	21.06	21.33	21.07	21.04	22.00
15	16QAM	36	0	19.45	19.50	19.69	19.60	19.47	21.00
15	16QAM	36	20	19.33	19.61	19.83	19.67	19.55	21.00
15	16QAM	36	39	19.38	19.56	19.82	19.63	19.44	21.00
15	16QAM	75	0	19.43	19.48	19.75	19.61	19.50	21.00
15	64QAM	1	0	19.41	19.46	19.76	19.57	19.48	21.00
15	64QAM	1	37	19.38	19.48	19.68	19.49	19.47	21.00
15	64QAM	1	74	19.36	19.54	19.75	19.68	19.56	21.00
15	64QAM	36	0	18.40	18.38	18.73	18.60	18.45	20.00
15	64QAM	36	20	18.50	18.44	18.78	18.65	18.42	20.00
15	64QAM	36	39	18.45	18.55	18.78	18.57	18.40	20.00
15	64QAM	75	0	18.49	18.55	18.75	18.56	18.57	20.00
15	256QAM	1	0	16.37	16.39	16.67	16.50	16.41	18.00
15	256QAM	1	37	16.39	16.52	16.78	16.65	16.51	18.00
15	256QAM	1	74	16.21	16.43	16.50	16.33	16.31	18.00
15	256QAM	36	0	16.37	16.53	16.77	16.53	16.45	18.00
15	256QAM	36	20	16.52	16.58	16.72	16.68	16.42	18.00
15	256QAM	36	39	16.36	16.64	16.80	16.73	16.45	18.00
15	256QAM	75	0	16.48	16.58	16.77	16.75	16.61	18.00

Channel				55290	55815	55990	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	21.48	21.57	21.75	21.63	21.51	23.00
10	QPSK	1	25	21.26	21.32	21.72	21.42	21.28	23.00
10	QPSK	1	49	21.41	21.51	21.62	21.58	21.35	23.00
10	QPSK	25	0	20.30	20.54	20.80	20.56	20.46	22.00
10	QPSK	25	12	20.37	20.46	20.73	20.51	20.55	22.00
10	QPSK	25	25	20.37	20.48	20.72	20.62	20.46	22.00
10	QPSK	50	0	20.45	20.49	20.75	20.47	20.53	22.00
10	16QAM	1	0	20.81	21.01	21.12	21.07	20.87	22.00
10	16QAM	1	25	20.78	20.97	21.30	21.18	20.87	22.00
10	16QAM	1	49	20.93	21.14	21.34	21.14	21.05	22.00
10	16QAM	25	0	19.38	19.58	19.73	19.62	19.49	21.00
10	16QAM	25	12	19.37	19.55	19.80	19.62	19.50	21.00
10	16QAM	25	25	19.42	19.57	19.79	19.57	19.42	21.00
10	16QAM	50	0	19.49	19.50	19.82	19.68	19.51	21.00
10	64QAM	1	0	19.33	19.45	19.68	19.66	19.54	21.00
10	64QAM	1	25	19.31	19.43	19.76	19.45	19.51	21.00
10	64QAM	1	49	19.39	19.64	19.74	19.63	19.49	21.00
10	64QAM	25	0	18.32	18.38	18.67	18.57	18.45	20.00
10	64QAM	25	12	18.45	18.47	18.72	18.65	18.40	20.00
10	64QAM	25	25	18.49	18.55	18.75	18.59	18.40	20.00
10	64QAM	50	0	18.40	18.53	18.80	18.49	18.56	20.00
10	256QAM	1	0	16.38	16.45	16.68	16.44	16.38	18.00
10	256QAM	1	25	16.36	16.51	16.73	16.55	16.54	18.00
10	256QAM	1	49	16.30	16.38	16.52	16.40	16.33	18.00
10	256QAM	25	0	16.37	16.57	16.69	16.56	16.54	18.00
10	256QAM	25	12	16.47	16.57	16.77	16.64	16.50	18.00
10	256QAM	25	25	16.42	16.55	16.83	16.75	16.48	18.00
10	256QAM	50	0	16.48	16.64	16.85	16.75	16.59	18.00
Channel				55265	55810	55990	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	21.40	21.60	21.65	21.66	21.45	23.00
5	QPSK	1	12	21.27	21.40	21.68	21.40	21.26	23.00
5	QPSK	1	24	21.36	21.51	21.76	21.57	21.35	23.00
5	QPSK	12	0	20.36	20.57	20.69	20.63	20.46	22.00
5	QPSK	12	7	20.34	20.43	20.75	20.49	20.48	22.00
5	QPSK	12	13	20.34	20.47	20.73	20.56	20.55	22.00
5	QPSK	25	0	20.36	20.51	20.75	20.49	20.52	22.00
5	16QAM	1	0	20.92	21.00	21.18	21.11	20.86	22.00
5	16QAM	1	12	20.87	21.07	21.25	21.15	20.85	22.00
5	16QAM	1	24	20.93	21.09	21.25	21.07	20.92	22.00
5	16QAM	12	0	19.42	19.58	19.71	19.59	19.41	21.00
5	16QAM	12	7	19.36	19.69	19.75	19.57	19.53	21.00
5	16QAM	12	13	19.46	19.51	19.73	19.64	19.50	21.00
5	16QAM	25	0	19.41	19.48	19.83	19.70	19.46	21.00
5	64QAM	1	0	19.34	19.45	19.71	19.68	19.46	21.00
5	64QAM	1	12	19.39	19.43	19.67	19.50	19.48	21.00
5	64QAM	1	24	19.35	19.58	19.69	19.68	19.52	21.00
5	64QAM	12	0	18.42	18.51	18.64	18.61	18.41	20.00
5	64QAM	12	7	18.43	18.50	18.70	18.64	18.47	20.00
5	64QAM	12	13	18.48	18.55	18.68	18.62	18.41	20.00
5	64QAM	25	0	18.40	18.53	18.72	18.55	18.48	20.00
5	256QAM	1	0	16.38	16.45	16.66	16.46	16.37	18.00
5	256QAM	1	12	16.33	16.47	16.71	16.58	16.55	18.00
5	256QAM	1	24	16.20	16.37	16.50	16.44	16.25	18.00
5	256QAM	12	0	16.35	16.52	16.70	16.53	16.50	18.00
5	256QAM	12	7	16.47	16.48	16.71	16.68	16.47	18.00
5	256QAM	12	13	16.45	16.59	16.80	16.74	16.55	18.00
5	256QAM	25	0	16.59	16.56	16.75	16.74	16.52	18.00

【LTE Band 48_FCC_Part 96 (3550~3700MHz)_Ant 9_DSI 4】

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				55340	55830	55990	56150	56640	
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	21.49	21.63	21.79	21.71	21.58	23.00
20	QPSK	1	49	21.38	21.47	21.73	21.54	21.39	23.00
20	QPSK	1	99	21.43	21.59	21.77	21.66	21.44	23.00
20	QPSK	50	0	20.45	20.64	20.84	20.65	20.60	22.00
20	QPSK	50	24	20.40	20.51	20.81	20.59	20.59	22.00

20	QPSK	50	50	20.41	20.61	20.84	20.64	20.57	22.00
20	QPSK	100	0	20.51	20.60	20.82	20.61	20.59	22.00
20	16QAM	1	0	20.95	21.05	21.26	21.13	20.94	22.00
20	16QAM	1	49	20.92	21.10	21.32	21.21	20.99	22.00
20	16QAM	1	99	20.98	21.17	21.38	21.19	21.06	22.00
20	16QAM	50	0	19.47	19.62	19.82	19.69	19.51	21.00
20	16QAM	50	24	19.47	19.70	19.86	19.72	19.62	21.00
20	16QAM	50	50	19.53	19.61	19.87	19.69	19.55	21.00
20	16QAM	100	0	19.55	19.62	19.88	19.73	19.60	21.00
20	64QAM	1	0	19.46	19.56	19.81	19.69	19.55	21.00
20	64QAM	1	49	19.45	19.56	19.80	19.59	19.56	21.00
20	64QAM	1	99	19.50	19.67	19.84	19.76	19.61	21.00
20	64QAM	50	0	18.44	18.53	18.78	18.64	18.54	20.00
20	64QAM	50	24	18.51	18.58	18.83	18.68	18.50	20.00
20	64QAM	50	50	18.52	18.58	18.82	18.63	18.54	20.00
20	64QAM	100	0	18.52	18.62	18.82	18.62	18.59	20.00
20	256QAM	1	0	16.47	16.52	16.72	16.59	16.52	18.00
20	256QAM	1	49	16.44	16.61	16.81	16.70	16.63	18.00
20	256QAM	1	99	16.35	16.50	16.65	16.45	16.40	18.00
20	256QAM	50	0	16.50	16.61	16.83	16.65	16.56	18.00
20	256QAM	50	24	16.57	16.63	16.86	16.75	16.56	18.00
20	256QAM	50	50	16.51	16.69	16.86	16.77	16.58	18.00
20	256QAM	100	0	16.60	16.69	16.87	16.79	16.62	18.00
Channel				55315	55820	55990	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	21.39	21.55	21.71	21.67	21.50	23.00
15	QPSK	1	37	21.34	21.34	21.71	21.51	21.32	23.00
15	QPSK	1	74	21.39	21.57	21.63	21.54	21.40	23.00
15	QPSK	36	0	20.32	20.58	20.75	20.57	20.43	22.00
15	QPSK	36	20	20.26	20.38	20.68	20.48	20.51	22.00
15	QPSK	36	39	20.37	20.48	20.79	20.56	20.55	22.00
15	QPSK	75	0	20.47	20.58	20.76	20.50	20.56	22.00
15	16QAM	1	0	20.92	20.92	21.12	21.07	20.88	22.00
15	16QAM	1	37	20.88	21.02	21.28	21.15	20.86	22.00
15	16QAM	1	74	20.86	21.06	21.33	21.07	21.04	22.00
15	16QAM	36	0	19.45	19.50	19.69	19.60	19.47	21.00
15	16QAM	36	20	19.33	19.61	19.83	19.67	19.55	21.00
15	16QAM	36	39	19.38	19.56	19.82	19.63	19.44	21.00
15	16QAM	75	0	19.43	19.48	19.75	19.61	19.50	21.00
15	64QAM	1	0	19.41	19.46	19.76	19.57	19.48	21.00
15	64QAM	1	37	19.38	19.48	19.68	19.49	19.47	21.00
15	64QAM	1	74	19.36	19.54	19.75	19.68	19.56	21.00
15	64QAM	36	0	18.40	18.38	18.73	18.60	18.45	20.00
15	64QAM	36	20	18.50	18.44	18.78	18.65	18.42	20.00
15	64QAM	36	39	18.45	18.55	18.78	18.57	18.40	20.00
15	64QAM	75	0	18.49	18.55	18.75	18.56	18.57	20.00
15	256QAM	1	0	16.37	16.39	16.67	16.50	16.41	18.00
15	256QAM	1	37	16.39	16.52	16.78	16.65	16.51	18.00
15	256QAM	1	74	16.21	16.43	16.50	16.33	16.31	18.00
15	256QAM	36	0	16.37	16.53	16.77	16.53	16.45	18.00
15	256QAM	36	20	16.52	16.58	16.72	16.68	16.42	18.00
15	256QAM	36	39	16.36	16.64	16.80	16.73	16.45	18.00
15	256QAM	75	0	16.48	16.58	16.77	16.75	16.61	18.00
Channel				55290	55815	55990	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	21.48	21.57	21.75	21.63	21.51	23.00
10	QPSK	1	25	21.26	21.32	21.72	21.42	21.28	23.00
10	QPSK	1	49	21.41	21.51	21.62	21.58	21.35	23.00
10	QPSK	25	0	20.30	20.54	20.80	20.56	20.46	22.00
10	QPSK	25	12	20.37	20.46	20.73	20.51	20.55	22.00
10	QPSK	25	25	20.37	20.48	20.72	20.62	20.46	22.00
10	QPSK	50	0	20.45	20.49	20.75	20.47	20.53	22.00
10	16QAM	1	0	20.81	21.01	21.12	21.07	20.87	22.00
10	16QAM	1	25	20.78	20.97	21.30	21.18	20.87	22.00
10	16QAM	1	49	20.93	21.14	21.34	21.14	21.05	22.00
10	16QAM	25	0	19.38	19.58	19.73	19.62	19.49	21.00
10	16QAM	25	12	19.37	19.55	19.80	19.62	19.50	21.00
10	16QAM	25	25	19.42	19.57	19.79	19.57	19.42	21.00
10	16QAM	50	0	19.49	19.50	19.82	19.68	19.51	21.00
10	64QAM	1	0	19.33	19.45	19.68	19.66	19.54	21.00
10	64QAM	1	25	19.31	19.43	19.76	19.45	19.51	21.00
10	64QAM	1	49	19.39	19.64	19.74	19.63	19.49	21.00
10	64QAM	25	0	18.32	18.38	18.67	18.57	18.45	20.00
10	64QAM	25	12	18.45	18.47	18.72	18.65	18.40	20.00
10	64QAM	25	25	18.49	18.55	18.75	18.59	18.40	20.00
10	64QAM	50	0	18.40	18.53	18.80	18.49	18.56	20.00

10	256QAM	1	0	16.38	16.45	16.68	16.44	16.38	18.00
10	256QAM	1	25	16.36	16.51	16.73	16.55	16.54	18.00
10	256QAM	1	49	16.30	16.38	16.52	16.40	16.33	18.00
10	256QAM	25	0	16.37	16.57	16.69	16.56	16.54	18.00
10	256QAM	25	12	16.47	16.57	16.77	16.64	16.50	18.00
10	256QAM	25	25	16.42	16.55	16.83	16.75	16.48	18.00
10	256QAM	50	0	16.48	16.64	16.85	16.75	16.59	18.00
Channel				55265	55810	55990	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	21.40	21.60	21.65	21.66	21.45	23.00
5	QPSK	1	12	21.27	21.40	21.68	21.40	21.26	23.00
5	QPSK	1	24	21.36	21.51	21.76	21.57	21.35	23.00
5	QPSK	12	0	20.36	20.57	20.69	20.63	20.46	22.00
5	QPSK	12	7	20.34	20.43	20.75	20.49	20.48	22.00
5	QPSK	12	13	20.34	20.47	20.73	20.56	20.55	22.00
5	QPSK	25	0	20.36	20.51	20.75	20.49	20.52	22.00
5	16QAM	1	0	20.92	21.00	21.18	21.11	20.86	22.00
5	16QAM	1	12	20.87	21.07	21.25	21.15	20.85	22.00
5	16QAM	1	24	20.93	21.09	21.25	21.07	20.92	22.00
5	16QAM	12	0	19.42	19.58	19.71	19.59	19.41	21.00
5	16QAM	12	7	19.36	19.69	19.75	19.57	19.53	21.00
5	16QAM	12	13	19.46	19.51	19.73	19.64	19.50	21.00
5	16QAM	25	0	19.41	19.48	19.83	19.70	19.46	21.00
5	64QAM	1	0	19.34	19.45	19.71	19.68	19.46	21.00
5	64QAM	1	12	19.39	19.43	19.67	19.50	19.48	21.00
5	64QAM	1	24	19.35	19.58	19.69	19.68	19.52	21.00
5	64QAM	12	0	18.42	18.51	18.64	18.61	18.41	20.00
5	64QAM	12	7	18.43	18.50	18.70	18.64	18.47	20.00
5	64QAM	12	13	18.48	18.55	18.68	18.62	18.41	20.00
5	64QAM	25	0	18.40	18.53	18.72	18.55	18.48	20.00
5	256QAM	1	0	16.38	16.45	16.66	16.46	16.37	18.00
5	256QAM	1	12	16.33	16.47	16.71	16.58	16.55	18.00
5	256QAM	1	24	16.20	16.37	16.50	16.44	16.25	18.00
5	256QAM	12	0	16.35	16.52	16.70	16.53	16.50	18.00
5	256QAM	12	7	16.47	16.48	16.71	16.68	16.47	18.00
5	256QAM	12	13	16.45	16.59	16.80	16.74	16.55	18.00
5	256QAM	25	0	16.59	16.56	16.75	16.74	16.52	18.00

【LTE Band 53_Ant 8_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				60190	60198	60205	Tune-up limit (dBm)
Frequency (MHz)				2488.5	2489.3	2490	
10	QPSK	1	0	23.75	23.74	23.76	25.00
10	QPSK	1	25	23.27	23.43	23.55	25.00
10	QPSK	1	49	23.53	23.45	23.33	25.00
10	QPSK	25	0	22.87	22.86	22.81	24.00
10	QPSK	25	12	22.61	22.75	22.52	24.00
10	QPSK	25	25	22.50	22.48	22.80	24.00
10	QPSK	50	0	22.79	22.85	22.86	24.00
10	16QAM	1	0	22.43	22.49	22.53	24.00
10	16QAM	1	25	22.25	22.53	22.79	24.00
10	16QAM	1	49	22.74	22.76	22.71	24.00
10	16QAM	25	0	21.66	21.68	21.70	23.00
10	16QAM	25	12	21.85	21.93	21.92	23.00
10	16QAM	25	25	21.86	21.85	21.85	23.00
10	16QAM	50	0	21.91	21.88	21.85	23.00
10	64QAM	1	0	21.94	21.96	21.85	23.00
10	64QAM	1	25	21.67	21.80	22.02	23.00
10	64QAM	1	49	21.83	21.82	21.73	23.00
10	64QAM	25	0	20.81	20.84	20.82	22.00
10	64QAM	25	12	20.89	20.92	20.87	22.00
10	64QAM	25	25	20.89	20.85	20.83	22.00
10	64QAM	50	0	20.88	20.93	20.85	22.00
10	256QAM	1	0	18.55	18.80	18.83	20.00
10	256QAM	1	25	18.35	18.76	18.89	20.00
10	256QAM	1	49	18.74	18.71	18.72	20.00
10	256QAM	25	0	18.67	18.76	18.88	20.00
10	256QAM	25	12	18.83	18.92	18.94	20.00
10	256QAM	25	25	18.91	18.92	18.86	20.00
10	256QAM	50	0	18.93	18.91	18.90	20.00
Channel				60165	60198	60230	Tune-up limit



FCC SAR TEST REPORT

Report No. :FA503114B

Frequency (MHz)				2486	2489.3	2492.5	(dBm)
5	QPSK	1	0	23.73	23.61	23.62	25.00
5	QPSK	1	12	23.16	23.32	23.46	25.00
5	QPSK	1	24	23.43	23.34	23.29	25.00
5	QPSK	12	0	22.73	22.79	22.68	24.00
5	QPSK	12	7	22.47	22.67	22.43	24.00
5	QPSK	12	13	22.42	22.45	22.78	24.00
5	QPSK	25	0	22.72	22.84	22.85	24.00
5	16QAM	1	0	22.38	22.38	22.39	24.00
5	16QAM	1	12	22.17	22.39	22.76	24.00
5	16QAM	1	24	22.70	22.64	22.62	24.00
5	16QAM	12	0	21.54	21.59	21.67	23.00
5	16QAM	12	7	21.73	21.86	21.87	23.00
5	16QAM	12	13	21.85	21.77	21.75	23.00
5	16QAM	25	0	21.89	21.82	21.72	23.00
5	64QAM	1	0	21.85	21.95	21.78	23.00
5	64QAM	1	12	21.61	21.75	21.99	23.00
5	64QAM	1	24	21.71	21.68	21.67	23.00
5	64QAM	12	0	20.66	20.79	20.79	22.00
5	64QAM	12	7	20.84	20.88	20.77	22.00
5	64QAM	12	13	20.81	20.81	20.79	22.00
5	64QAM	25	0	20.80	20.86	20.81	22.00
5	256QAM	1	0	18.54	18.78	18.73	20.00
5	256QAM	1	12	18.32	18.72	18.84	20.00
5	256QAM	1	24	18.62	18.61	18.57	20.00
5	256QAM	12	0	18.57	18.68	18.82	20.00
5	256QAM	12	7	18.72	18.78	18.89	20.00
5	256QAM	12	13	18.84	18.88	18.81	20.00
5	256QAM	25	0	18.88	18.79	18.76	20.00
Channel				60155	60198	60240	Tune-up limit (dBm)
Frequency (MHz)				2485	2489.3	2493.5	
3	QPSK	1	0	23.62	23.65	23.64	25.00
3	QPSK	1	8	23.14	23.42	23.43	25.00
3	QPSK	1	14	23.38	23.38	23.22	25.00
3	QPSK	8	0	22.81	22.79	22.72	24.00
3	QPSK	8	4	22.56	22.69	22.45	24.00
3	QPSK	8	7	22.39	22.37	22.66	24.00
3	QPSK	15	0	22.70	22.80	22.75	24.00
3	16QAM	1	0	22.32	22.37	22.43	24.00
3	16QAM	1	8	22.19	22.44	22.71	24.00
3	16QAM	1	14	22.67	22.74	22.62	24.00
3	16QAM	8	0	21.58	21.63	21.62	23.00
3	16QAM	8	4	21.71	21.86	21.79	23.00
3	16QAM	8	7	21.72	21.79	21.83	23.00
3	16QAM	15	0	21.81	21.85	21.79	23.00
3	64QAM	1	0	21.82	21.85	21.83	23.00
3	64QAM	1	8	21.64	21.76	21.93	23.00
3	64QAM	1	14	21.69	21.76	21.62	23.00
3	64QAM	8	0	20.68	20.81	20.69	22.00
3	64QAM	8	4	20.81	20.90	20.83	22.00
3	64QAM	8	7	20.77	20.71	20.80	22.00
3	64QAM	15	0	20.75	20.89	20.83	22.00
3	256QAM	1	0	18.44	18.68	18.75	20.00
3	256QAM	1	8	18.28	18.64	18.83	20.00
3	256QAM	1	14	18.60	18.58	18.70	20.00
3	256QAM	8	0	18.65	18.69	18.77	20.00
3	256QAM	8	4	18.69	18.81	18.81	20.00
3	256QAM	8	7	18.88	18.83	18.76	20.00
3	256QAM	15	0	18.89	18.79	18.75	20.00
Channel				60147	60198	60248	Tune-up limit (dBm)
Frequency (MHz)				2484.2	2489.3	2494.3	
1.4	QPSK	1	0	23.63	23.64	23.72	25.00
1.4	QPSK	1	3	23.17	23.33	23.48	25.00
1.4	QPSK	1	5	23.51	23.37	23.21	25.00
1.4	QPSK	3	0	22.79	22.76	22.71	24.00
1.4	QPSK	3	1	22.48	22.62	22.46	24.00
1.4	QPSK	3	3	22.38	22.45	22.73	24.00
1.4	QPSK	6	0	22.72	22.81	22.78	24.00
1.4	16QAM	1	0	22.28	22.37	22.38	24.00
1.4	16QAM	1	3	22.16	22.49	22.69	24.00
1.4	16QAM	1	5	22.71	22.63	22.62	24.00
1.4	16QAM	3	0	21.61	21.55	21.69	23.00
1.4	16QAM	3	1	21.79	21.81	21.87	23.00
1.4	16QAM	3	3	21.73	21.83	21.74	23.00
1.4	16QAM	6	0	21.85	21.79	21.79	23.00
1.4	64QAM	1	0	21.87	21.86	21.80	23.00
1.4	64QAM	1	3	21.53	21.76	21.93	23.00
1.4	64QAM	1	5	21.75	21.79	21.62	23.00

1.4	64QAM	3	0	20.67	20.76	20.74	22.00
1.4	64QAM	3	1	20.81	20.87	20.84	22.00
1.4	64QAM	3	3	20.74	20.83	20.73	22.00
1.4	64QAM	6	0	20.74	20.92	20.78	22.00
1.4	256QAM	1	0	18.42	18.75	18.73	20.00
1.4	256QAM	1	3	18.32	18.68	18.84	20.00
1.4	256QAM	1	5	18.68	18.63	18.69	20.00
1.4	256QAM	3	0	18.62	18.63	18.75	20.00
1.4	256QAM	3	1	18.77	18.85	18.80	20.00
1.4	256QAM	3	3	18.83	18.89	18.78	20.00
1.4	256QAM	6	0	18.84	18.78	18.88	20.00

【LTE Band 53_Ant 8_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				60190	60198	60205	Tune-up limit (dBm)
Frequency (MHz)				2488.5	2489.3	2490	
10	QPSK	1	0	23.75	23.74	23.76	25.00
10	QPSK	1	25	23.27	23.43	23.55	25.00
10	QPSK	1	49	23.53	23.45	23.33	25.00
10	QPSK	25	0	22.87	22.86	22.81	24.00
10	QPSK	25	12	22.61	22.75	22.52	24.00
10	QPSK	25	25	22.50	22.48	22.80	24.00
10	QPSK	50	0	22.79	22.85	22.86	24.00
10	16QAM	1	0	22.43	22.49	22.53	24.00
10	16QAM	1	25	22.25	22.53	22.79	24.00
10	16QAM	1	49	22.74	22.76	22.71	24.00
10	16QAM	25	0	21.66	21.68	21.70	23.00
10	16QAM	25	12	21.85	21.93	21.92	23.00
10	16QAM	25	25	21.86	21.85	21.85	23.00
10	16QAM	50	0	21.91	21.88	21.85	23.00
10	64QAM	1	0	21.94	21.96	21.85	23.00
10	64QAM	1	25	21.67	21.80	22.02	23.00
10	64QAM	1	49	21.83	21.82	21.73	23.00
10	64QAM	25	0	20.81	20.84	20.82	22.00
10	64QAM	25	12	20.89	20.92	20.87	22.00
10	64QAM	25	25	20.89	20.85	20.83	22.00
10	64QAM	50	0	20.88	20.93	20.85	22.00
10	256QAM	1	0	18.55	18.80	18.83	20.00
10	256QAM	1	25	18.35	18.76	18.89	20.00
10	256QAM	1	49	18.74	18.71	18.72	20.00
10	256QAM	25	0	18.67	18.76	18.88	20.00
10	256QAM	25	12	18.83	18.92	18.94	20.00
10	256QAM	25	25	18.91	18.92	18.86	20.00
10	256QAM	50	0	18.93	18.91	18.90	20.00
Channel				60165	60198	60230	Tune-up limit (dBm)
Frequency (MHz)				2486	2489.3	2492.5	
5	QPSK	1	0	23.73	23.61	23.62	25.00
5	QPSK	1	12	23.16	23.32	23.46	25.00
5	QPSK	1	24	23.43	23.34	23.29	25.00
5	QPSK	12	0	22.73	22.79	22.68	24.00
5	QPSK	12	7	22.47	22.67	22.43	24.00
5	QPSK	12	13	22.42	22.45	22.78	24.00
5	QPSK	25	0	22.72	22.84	22.85	24.00
5	16QAM	1	0	22.38	22.38	22.39	24.00
5	16QAM	1	12	22.17	22.39	22.76	24.00
5	16QAM	1	24	22.70	22.64	22.62	24.00
5	16QAM	12	0	21.54	21.59	21.67	23.00
5	16QAM	12	7	21.73	21.86	21.87	23.00
5	16QAM	12	13	21.85	21.77	21.75	23.00
5	16QAM	25	0	21.89	21.82	21.72	23.00
5	64QAM	1	0	21.85	21.95	21.78	23.00
5	64QAM	1	12	21.61	21.75	21.99	23.00
5	64QAM	1	24	21.71	21.68	21.67	23.00
5	64QAM	12	0	20.66	20.79	20.79	22.00
5	64QAM	12	7	20.84	20.88	20.77	22.00
5	64QAM	12	13	20.81	20.81	20.79	22.00
5	64QAM	25	0	20.80	20.86	20.81	22.00
5	256QAM	1	0	18.54	18.78	18.73	20.00
5	256QAM	1	12	18.32	18.72	18.84	20.00
5	256QAM	1	24	18.62	18.61	18.57	20.00
5	256QAM	12	0	18.57	18.68	18.82	20.00
5	256QAM	12	7	18.72	18.78	18.89	20.00

5	256QAM	12	13	18.84	18.88	18.81	20.00
5	256QAM	25	0	18.88	18.79	18.76	20.00
Channel				60155	60198	60240	Tune-up limit (dBm)
Frequency (MHz)				2485	2489.3	2493.5	
3	QPSK	1	0	23.62	23.65	23.64	25.00
3	QPSK	1	8	23.14	23.42	23.43	25.00
3	QPSK	1	14	23.38	23.38	23.22	25.00
3	QPSK	8	0	22.81	22.79	22.72	24.00
3	QPSK	8	4	22.56	22.69	22.45	24.00
3	QPSK	8	7	22.39	22.37	22.66	24.00
3	QPSK	15	0	22.70	22.80	22.75	24.00
3	16QAM	1	0	22.32	22.37	22.43	24.00
3	16QAM	1	8	22.19	22.44	22.71	24.00
3	16QAM	1	14	22.67	22.74	22.62	24.00
3	16QAM	8	0	21.58	21.63	21.62	23.00
3	16QAM	8	4	21.71	21.86	21.79	23.00
3	16QAM	8	7	21.72	21.79	21.83	23.00
3	16QAM	15	0	21.81	21.85	21.79	23.00
3	64QAM	1	0	21.82	21.85	21.83	23.00
3	64QAM	1	8	21.64	21.76	21.93	23.00
3	64QAM	1	14	21.69	21.76	21.62	23.00
3	64QAM	8	0	20.68	20.81	20.69	22.00
3	64QAM	8	4	20.81	20.90	20.83	22.00
3	64QAM	8	7	20.77	20.71	20.80	22.00
3	64QAM	15	0	20.75	20.89	20.83	22.00
3	256QAM	1	0	18.44	18.68	18.75	20.00
3	256QAM	1	8	18.28	18.64	18.83	20.00
3	256QAM	1	14	18.60	18.58	18.70	20.00
3	256QAM	8	0	18.65	18.69	18.77	20.00
3	256QAM	8	4	18.69	18.81	18.81	20.00
3	256QAM	8	7	18.88	18.83	18.76	20.00
3	256QAM	15	0	18.89	18.79	18.75	20.00
Channel				60147	60198	60248	Tune-up limit (dBm)
Frequency (MHz)				2484.2	2489.3	2494.3	
1.4	QPSK	1	0	23.63	23.64	23.72	25.00
1.4	QPSK	1	3	23.17	23.33	23.48	25.00
1.4	QPSK	1	5	23.51	23.37	23.21	25.00
1.4	QPSK	3	0	22.79	22.76	22.71	24.00
1.4	QPSK	3	1	22.48	22.62	22.46	24.00
1.4	QPSK	3	3	22.38	22.45	22.73	24.00
1.4	QPSK	6	0	22.72	22.81	22.78	24.00
1.4	16QAM	1	0	22.28	22.37	22.38	24.00
1.4	16QAM	1	3	22.16	22.49	22.69	24.00
1.4	16QAM	1	5	22.71	22.63	22.62	24.00
1.4	16QAM	3	0	21.61	21.55	21.69	23.00
1.4	16QAM	3	1	21.79	21.81	21.87	23.00
1.4	16QAM	3	3	21.73	21.83	21.74	23.00
1.4	16QAM	6	0	21.85	21.79	21.79	23.00
1.4	64QAM	1	0	21.87	21.86	21.80	23.00
1.4	64QAM	1	3	21.53	21.76	21.93	23.00
1.4	64QAM	1	5	21.75	21.79	21.62	23.00
1.4	64QAM	3	0	20.67	20.76	20.74	22.00
1.4	64QAM	3	1	20.81	20.87	20.84	22.00
1.4	64QAM	3	3	20.74	20.83	20.73	22.00
1.4	64QAM	6	0	20.74	20.92	20.78	22.00
1.4	256QAM	1	0	18.42	18.75	18.73	20.00
1.4	256QAM	1	3	18.32	18.68	18.84	20.00
1.4	256QAM	1	5	18.68	18.63	18.69	20.00
1.4	256QAM	3	0	18.62	18.63	18.75	20.00
1.4	256QAM	3	1	18.77	18.85	18.80	20.00
1.4	256QAM	3	3	18.83	18.89	18.78	20.00
1.4	256QAM	6	0	18.84	18.78	18.88	20.00

【LTE Band 53_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				60190	60198	60205	
Frequency (MHz)				2488.5	2489.3	2490	
10	QPSK	1	0	23.75	23.74	23.76	25.00
10	QPSK	1	25	23.27	23.43	23.55	25.00
10	QPSK	1	49	23.53	23.45	23.33	25.00
10	QPSK	25	0	22.87	22.86	22.81	24.00
10	QPSK	25	12	22.61	22.75	22.52	24.00



FCC SAR TEST REPORT

Report No. :FA503114B

10	QPSK	25	25	22.50	22.48	22.80	24.00
10	QPSK	50	0	22.79	22.85	22.86	24.00
10	16QAM	1	0	22.43	22.49	22.53	24.00
10	16QAM	1	25	22.25	22.53	22.79	24.00
10	16QAM	1	49	22.74	22.76	22.71	24.00
10	16QAM	25	0	21.66	21.68	21.70	23.00
10	16QAM	25	12	21.85	21.93	21.92	23.00
10	16QAM	25	25	21.86	21.85	21.85	23.00
10	16QAM	50	0	21.91	21.88	21.85	23.00
10	64QAM	1	0	21.94	21.96	21.85	23.00
10	64QAM	1	25	21.67	21.80	22.02	23.00
10	64QAM	1	49	21.83	21.82	21.73	23.00
10	64QAM	25	0	20.81	20.84	20.82	22.00
10	64QAM	25	12	20.89	20.92	20.87	22.00
10	64QAM	25	25	20.89	20.85	20.83	22.00
10	64QAM	50	0	20.88	20.93	20.85	22.00
10	256QAM	1	0	18.55	18.80	18.83	20.00
10	256QAM	1	25	18.35	18.76	18.89	20.00
10	256QAM	1	49	18.74	18.71	18.72	20.00
10	256QAM	25	0	18.67	18.76	18.88	20.00
10	256QAM	25	12	18.83	18.92	18.94	20.00
10	256QAM	25	25	18.91	18.92	18.86	20.00
10	256QAM	50	0	18.93	18.91	18.90	20.00
Channel				60165	60198	60230	Tune-up limit
Frequency (MHz)				2486	2489.3	2492.5	(dBm)
5	QPSK	1	0	23.73	23.61	23.62	25.00
5	QPSK	1	12	23.16	23.32	23.46	25.00
5	QPSK	1	24	23.43	23.34	23.29	25.00
5	QPSK	12	0	22.73	22.79	22.68	24.00
5	QPSK	12	7	22.47	22.67	22.43	24.00
5	QPSK	12	13	22.42	22.45	22.78	24.00
5	QPSK	25	0	22.72	22.84	22.85	24.00
5	16QAM	1	0	22.38	22.38	22.39	24.00
5	16QAM	1	12	22.17	22.39	22.76	24.00
5	16QAM	1	24	22.70	22.64	22.62	24.00
5	16QAM	12	0	21.54	21.59	21.67	23.00
5	16QAM	12	7	21.73	21.86	21.87	23.00
5	16QAM	12	13	21.85	21.77	21.75	23.00
5	16QAM	25	0	21.89	21.82	21.72	23.00
5	64QAM	1	0	21.85	21.95	21.78	23.00
5	64QAM	1	12	21.61	21.75	21.99	23.00
5	64QAM	1	24	21.71	21.68	21.67	23.00
5	64QAM	12	0	20.66	20.79	20.79	22.00
5	64QAM	12	7	20.84	20.88	20.77	22.00
5	64QAM	12	13	20.81	20.81	20.79	22.00
5	64QAM	25	0	20.80	20.86	20.81	22.00
5	256QAM	1	0	18.54	18.78	18.73	20.00
5	256QAM	1	12	18.32	18.72	18.84	20.00
5	256QAM	1	24	18.62	18.61	18.57	20.00
5	256QAM	12	0	18.57	18.68	18.82	20.00
5	256QAM	12	7	18.72	18.78	18.89	20.00
5	256QAM	12	13	18.84	18.88	18.81	20.00
5	256QAM	25	0	18.88	18.79	18.76	20.00
Channel				60155	60198	60240	Tune-up limit
Frequency (MHz)				2485	2489.3	2493.5	(dBm)
3	QPSK	1	0	23.62	23.65	23.64	25.00
3	QPSK	1	8	23.14	23.42	23.43	25.00
3	QPSK	1	14	23.38	23.38	23.22	25.00
3	QPSK	8	0	22.81	22.79	22.72	24.00
3	QPSK	8	4	22.56	22.69	22.45	24.00
3	QPSK	8	7	22.39	22.37	22.66	24.00
3	QPSK	15	0	22.70	22.80	22.75	24.00
3	16QAM	1	0	22.32	22.37	22.43	24.00
3	16QAM	1	8	22.19	22.44	22.71	24.00
3	16QAM	1	14	22.67	22.74	22.62	24.00
3	16QAM	8	0	21.58	21.63	21.62	23.00
3	16QAM	8	4	21.71	21.86	21.79	23.00
3	16QAM	8	7	21.72	21.79	21.83	23.00
3	16QAM	15	0	21.81	21.85	21.79	23.00
3	64QAM	1	0	21.82	21.85	21.83	23.00
3	64QAM	1	8	21.64	21.76	21.93	23.00
3	64QAM	1	14	21.69	21.76	21.62	23.00
3	64QAM	8	0	20.68	20.81	20.69	22.00
3	64QAM	8	4	20.81	20.90	20.83	22.00
3	64QAM	8	7	20.77	20.71	20.80	22.00
3	64QAM	15	0	20.75	20.89	20.83	22.00
3	256QAM	1	0	18.44	18.68	18.75	20.00
3	256QAM	1	8	18.28	18.64	18.83	20.00

3	256QAM	1	14	18.60	18.58	18.70	20.00
3	256QAM	8	0	18.65	18.69	18.77	20.00
3	256QAM	8	4	18.69	18.81	18.81	20.00
3	256QAM	8	7	18.88	18.83	18.76	20.00
3	256QAM	15	0	18.89	18.79	18.75	20.00
Channel				60147	60198	60248	Tune-up limit (dBm)
Frequency (MHz)				2484.2	2489.3	2494.3	
1.4	QPSK	1	0	23.63	23.64	23.72	25.00
1.4	QPSK	1	3	23.17	23.33	23.48	25.00
1.4	QPSK	1	5	23.51	23.37	23.21	25.00
1.4	QPSK	3	0	22.79	22.76	22.71	24.00
1.4	QPSK	3	1	22.48	22.62	22.46	24.00
1.4	QPSK	3	3	22.38	22.45	22.73	24.00
1.4	QPSK	6	0	22.72	22.81	22.78	24.00
1.4	16QAM	1	0	22.28	22.37	22.38	24.00
1.4	16QAM	1	3	22.16	22.49	22.69	24.00
1.4	16QAM	1	5	22.71	22.63	22.62	24.00
1.4	16QAM	3	0	21.61	21.55	21.69	23.00
1.4	16QAM	3	1	21.79	21.81	21.87	23.00
1.4	16QAM	3	3	21.73	21.83	21.74	23.00
1.4	16QAM	6	0	21.85	21.79	21.79	23.00
1.4	64QAM	1	0	21.87	21.86	21.80	23.00
1.4	64QAM	1	3	21.53	21.76	21.93	23.00
1.4	64QAM	1	5	21.75	21.79	21.62	23.00
1.4	64QAM	3	0	20.67	20.76	20.74	22.00
1.4	64QAM	3	1	20.81	20.87	20.84	22.00
1.4	64QAM	3	3	20.74	20.83	20.73	22.00
1.4	64QAM	6	0	20.74	20.92	20.78	22.00
1.4	256QAM	1	0	18.42	18.75	18.73	20.00
1.4	256QAM	1	3	18.32	18.68	18.84	20.00
1.4	256QAM	1	5	18.68	18.63	18.69	20.00
1.4	256QAM	3	0	18.62	18.63	18.75	20.00
1.4	256QAM	3	1	18.77	18.85	18.80	20.00
1.4	256QAM	3	3	18.83	18.89	18.78	20.00
1.4	256QAM	6	0	18.84	18.78	18.88	20.00

【LTE Band 53_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				60190	60198	60205	
Frequency (MHz)				2488.5	2489.3	2490	
10	QPSK	1	0	23.75	23.74	23.76	25.00
10	QPSK	1	25	23.27	23.43	23.55	25.00
10	QPSK	1	49	23.53	23.45	23.33	25.00
10	QPSK	25	0	22.87	22.86	22.81	24.00
10	QPSK	25	12	22.61	22.75	22.52	24.00
10	QPSK	25	25	22.50	22.48	22.80	24.00
10	QPSK	50	0	22.79	22.85	22.86	24.00
10	16QAM	1	0	22.43	22.49	22.53	24.00
10	16QAM	1	25	22.25	22.53	22.79	24.00
10	16QAM	1	49	22.74	22.76	22.71	24.00
10	16QAM	25	0	21.66	21.68	21.70	23.00
10	16QAM	25	12	21.85	21.93	21.92	23.00
10	16QAM	25	25	21.86	21.85	21.85	23.00
10	16QAM	50	0	21.91	21.88	21.85	23.00
10	64QAM	1	0	21.94	21.96	21.85	23.00
10	64QAM	1	25	21.67	21.80	22.02	23.00
10	64QAM	1	49	21.83	21.82	21.73	23.00
10	64QAM	25	0	20.81	20.84	20.82	22.00
10	64QAM	25	12	20.89	20.92	20.87	22.00
10	64QAM	25	25	20.89	20.85	20.83	22.00
10	64QAM	50	0	20.88	20.93	20.85	22.00
10	256QAM	1	0	18.55	18.80	18.83	20.00
10	256QAM	1	25	18.35	18.76	18.89	20.00
10	256QAM	1	49	18.74	18.71	18.72	20.00
10	256QAM	25	0	18.67	18.76	18.88	20.00
10	256QAM	25	12	18.83	18.92	18.94	20.00
10	256QAM	25	25	18.91	18.92	18.86	20.00
10	256QAM	50	0	18.93	18.91	18.90	20.00
Channel				60165	60198	60230	Tune-up limit (dBm)
Frequency (MHz)				2486	2489.3	2492.5	
5	QPSK	1	0	23.73	23.61	23.62	25.00
5	QPSK	1	12	23.16	23.32	23.46	25.00



FCC SAR TEST REPORT

Report No. :FA503114B

5	QPSK	1	24	23.43	23.34	23.29	25.00
5	QPSK	12	0	22.73	22.79	22.68	24.00
5	QPSK	12	7	22.47	22.67	22.43	24.00
5	QPSK	12	13	22.42	22.45	22.78	24.00
5	QPSK	25	0	22.72	22.84	22.85	24.00
5	16QAM	1	0	22.38	22.38	22.39	24.00
5	16QAM	1	12	22.17	22.39	22.76	24.00
5	16QAM	1	24	22.70	22.64	22.62	24.00
5	16QAM	12	0	21.54	21.59	21.67	23.00
5	16QAM	12	7	21.73	21.86	21.87	23.00
5	16QAM	12	13	21.85	21.77	21.75	23.00
5	16QAM	25	0	21.89	21.82	21.72	23.00
5	64QAM	1	0	21.85	21.95	21.78	23.00
5	64QAM	1	12	21.61	21.75	21.99	23.00
5	64QAM	1	24	21.71	21.68	21.67	23.00
5	64QAM	12	0	20.66	20.79	20.79	22.00
5	64QAM	12	7	20.84	20.88	20.77	22.00
5	64QAM	12	13	20.81	20.81	20.79	22.00
5	64QAM	25	0	20.80	20.86	20.81	22.00
5	256QAM	1	0	18.54	18.78	18.73	20.00
5	256QAM	1	12	18.32	18.72	18.84	20.00
5	256QAM	1	24	18.62	18.61	18.57	20.00
5	256QAM	12	0	18.57	18.68	18.82	20.00
5	256QAM	12	7	18.72	18.78	18.89	20.00
5	256QAM	12	13	18.84	18.88	18.81	20.00
5	256QAM	25	0	18.88	18.79	18.76	20.00
Channel				60155	60198	60240	Tune-up limit (dBm)
Frequency (MHz)				2485	2489.3	2493.5	
3	QPSK	1	0	23.62	23.65	23.64	25.00
3	QPSK	1	8	23.14	23.42	23.43	25.00
3	QPSK	1	14	23.38	23.38	23.22	25.00
3	QPSK	8	0	22.81	22.79	22.72	24.00
3	QPSK	8	4	22.56	22.69	22.45	24.00
3	QPSK	8	7	22.39	22.37	22.66	24.00
3	QPSK	15	0	22.70	22.80	22.75	24.00
3	16QAM	1	0	22.32	22.37	22.43	24.00
3	16QAM	1	8	22.19	22.44	22.71	24.00
3	16QAM	1	14	22.67	22.74	22.62	24.00
3	16QAM	8	0	21.58	21.63	21.62	23.00
3	16QAM	8	4	21.71	21.86	21.79	23.00
3	16QAM	8	7	21.72	21.79	21.83	23.00
3	16QAM	15	0	21.81	21.85	21.79	23.00
3	64QAM	1	0	21.82	21.85	21.83	23.00
3	64QAM	1	8	21.64	21.76	21.93	23.00
3	64QAM	1	14	21.69	21.76	21.62	23.00
3	64QAM	8	0	20.68	20.81	20.69	22.00
3	64QAM	8	4	20.81	20.90	20.83	22.00
3	64QAM	8	7	20.77	20.71	20.80	22.00
3	64QAM	15	0	20.75	20.89	20.83	22.00
3	256QAM	1	0	18.44	18.68	18.75	20.00
3	256QAM	1	8	18.28	18.64	18.83	20.00
3	256QAM	1	14	18.60	18.58	18.70	20.00
3	256QAM	8	0	18.65	18.69	18.77	20.00
3	256QAM	8	4	18.69	18.81	18.81	20.00
3	256QAM	8	7	18.88	18.83	18.76	20.00
3	256QAM	15	0	18.89	18.79	18.75	20.00
Channel				60147	60198	60248	Tune-up limit (dBm)
Frequency (MHz)				2484.2	2489.3	2494.3	
1.4	QPSK	1	0	23.63	23.64	23.72	25.00
1.4	QPSK	1	3	23.17	23.33	23.48	25.00
1.4	QPSK	1	5	23.51	23.37	23.21	25.00
1.4	QPSK	3	0	22.79	22.76	22.71	24.00
1.4	QPSK	3	1	22.48	22.62	22.46	24.00
1.4	QPSK	3	3	22.38	22.45	22.73	24.00
1.4	QPSK	6	0	22.72	22.81	22.78	24.00
1.4	16QAM	1	0	22.28	22.37	22.38	24.00
1.4	16QAM	1	3	22.16	22.49	22.69	24.00
1.4	16QAM	1	5	22.71	22.63	22.62	24.00
1.4	16QAM	3	0	21.61	21.55	21.69	23.00
1.4	16QAM	3	1	21.79	21.81	21.87	23.00
1.4	16QAM	3	3	21.73	21.83	21.74	23.00
1.4	16QAM	6	0	21.85	21.79	21.79	23.00
1.4	64QAM	1	0	21.87	21.86	21.80	23.00
1.4	64QAM	1	3	21.53	21.76	21.93	23.00
1.4	64QAM	1	5	21.75	21.79	21.62	23.00
1.4	64QAM	3	0	20.67	20.76	20.74	22.00
1.4	64QAM	3	1	20.81	20.87	20.84	22.00
1.4	64QAM	3	3	20.74	20.83	20.73	22.00

1.4	64QAM	6	0	20.74	20.92	20.78	22.00
1.4	256QAM	1	0	18.42	18.75	18.73	20.00
1.4	256QAM	1	3	18.32	18.68	18.84	20.00
1.4	256QAM	1	5	18.68	18.63	18.69	20.00
1.4	256QAM	3	0	18.62	18.63	18.75	20.00
1.4	256QAM	3	1	18.77	18.85	18.80	20.00
1.4	256QAM	3	3	18.83	18.89	18.78	20.00
1.4	256QAM	6	0	18.84	18.78	18.88	20.00

【LTE Band 53_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				60190	60198	60205	
Frequency (MHz)				2488.5	2489.3	2490	
10	QPSK	1	0	23.75	23.74	23.76	25.00
10	QPSK	1	25	23.27	23.43	23.55	25.00
10	QPSK	1	49	23.53	23.45	23.33	25.00
10	QPSK	25	0	22.87	22.86	22.81	24.00
10	QPSK	25	12	22.61	22.75	22.52	24.00
10	QPSK	25	25	22.50	22.48	22.80	24.00
10	QPSK	50	0	22.79	22.85	22.86	24.00
10	16QAM	1	0	22.43	22.49	22.53	24.00
10	16QAM	1	25	22.25	22.53	22.79	24.00
10	16QAM	1	49	22.74	22.76	22.71	24.00
10	16QAM	25	0	21.66	21.68	21.70	23.00
10	16QAM	25	12	21.85	21.93	21.92	23.00
10	16QAM	25	25	21.86	21.85	21.85	23.00
10	16QAM	50	0	21.91	21.88	21.85	23.00
10	64QAM	1	0	21.94	21.96	21.85	23.00
10	64QAM	1	25	21.67	21.80	22.02	23.00
10	64QAM	1	49	21.83	21.82	21.73	23.00
10	64QAM	25	0	20.81	20.84	20.82	22.00
10	64QAM	25	12	20.89	20.92	20.87	22.00
10	64QAM	25	25	20.89	20.85	20.83	22.00
10	64QAM	50	0	20.88	20.93	20.85	22.00
10	256QAM	1	0	18.55	18.80	18.83	20.00
10	256QAM	1	25	18.35	18.76	18.89	20.00
10	256QAM	1	49	18.74	18.71	18.72	20.00
10	256QAM	25	0	18.67	18.76	18.88	20.00
10	256QAM	25	12	18.83	18.92	18.94	20.00
10	256QAM	25	25	18.91	18.92	18.86	20.00
10	256QAM	50	0	18.93	18.91	18.90	20.00
Channel				60165	60198	60230	Tune-up limit
Frequency (MHz)				2486	2489.3	2492.5	
5	QPSK	1	0	23.73	23.61	23.62	25.00
5	QPSK	1	12	23.16	23.32	23.46	25.00
5	QPSK	1	24	23.43	23.34	23.29	25.00
5	QPSK	12	0	22.73	22.79	22.68	24.00
5	QPSK	12	7	22.47	22.67	22.43	24.00
5	QPSK	12	13	22.42	22.45	22.78	24.00
5	QPSK	25	0	22.72	22.84	22.85	24.00
5	16QAM	1	0	22.38	22.38	22.39	24.00
5	16QAM	1	12	22.17	22.39	22.76	24.00
5	16QAM	1	24	22.70	22.64	22.62	24.00
5	16QAM	12	0	21.54	21.59	21.67	23.00
5	16QAM	12	7	21.73	21.86	21.87	23.00
5	16QAM	12	13	21.85	21.77	21.75	23.00
5	16QAM	25	0	21.89	21.82	21.72	23.00
5	64QAM	1	0	21.85	21.95	21.78	23.00
5	64QAM	1	12	21.61	21.75	21.99	23.00
5	64QAM	1	24	21.71	21.68	21.67	23.00
5	64QAM	12	0	20.66	20.79	20.79	22.00
5	64QAM	12	7	20.84	20.88	20.77	22.00
5	64QAM	12	13	20.81	20.81	20.79	22.00
5	64QAM	25	0	20.80	20.86	20.81	22.00
5	256QAM	1	0	18.54	18.78	18.73	20.00
5	256QAM	1	12	18.32	18.72	18.84	20.00
5	256QAM	1	24	18.62	18.61	18.57	20.00
5	256QAM	12	0	18.57	18.68	18.82	20.00
5	256QAM	12	7	18.72	18.78	18.89	20.00
5	256QAM	12	13	18.84	18.88	18.81	20.00
5	256QAM	25	0	18.88	18.79	18.76	20.00
Channel				60155	60198	60240	Tune-up limit

Frequency (MHz)				2485	2489.3	2493.5	(dBm)
3	QPSK	1	0	23.62	23.65	23.64	25.00
3	QPSK	1	8	23.14	23.42	23.43	25.00
3	QPSK	1	14	23.38	23.38	23.22	25.00
3	QPSK	8	0	22.81	22.79	22.72	24.00
3	QPSK	8	4	22.56	22.69	22.45	24.00
3	QPSK	8	7	22.39	22.37	22.66	24.00
3	QPSK	15	0	22.70	22.80	22.75	24.00
3	16QAM	1	0	22.32	22.37	22.43	24.00
3	16QAM	1	8	22.19	22.44	22.71	24.00
3	16QAM	1	14	22.67	22.74	22.62	24.00
3	16QAM	8	0	21.58	21.63	21.62	23.00
3	16QAM	8	4	21.71	21.86	21.79	23.00
3	16QAM	8	7	21.72	21.79	21.83	23.00
3	16QAM	15	0	21.81	21.85	21.79	23.00
3	64QAM	1	0	21.82	21.85	21.83	23.00
3	64QAM	1	8	21.64	21.76	21.93	23.00
3	64QAM	1	14	21.69	21.76	21.62	23.00
3	64QAM	8	0	20.68	20.81	20.69	22.00
3	64QAM	8	4	20.81	20.90	20.83	22.00
3	64QAM	8	7	20.77	20.71	20.80	22.00
3	64QAM	15	0	20.75	20.89	20.83	22.00
3	256QAM	1	0	18.44	18.68	18.75	20.00
3	256QAM	1	8	18.28	18.64	18.83	20.00
3	256QAM	1	14	18.60	18.58	18.70	20.00
3	256QAM	8	0	18.65	18.69	18.77	20.00
3	256QAM	8	4	18.69	18.81	18.81	20.00
3	256QAM	8	7	18.88	18.83	18.76	20.00
3	256QAM	15	0	18.89	18.79	18.75	20.00
Channel				60147	60198	60248	Tune-up limit (dBm)
Frequency (MHz)				2484.2	2489.3	2494.3	
1.4	QPSK	1	0	23.63	23.64	23.72	25.00
1.4	QPSK	1	3	23.17	23.33	23.48	25.00
1.4	QPSK	1	5	23.51	23.37	23.21	25.00
1.4	QPSK	3	0	22.79	22.76	22.71	24.00
1.4	QPSK	3	1	22.48	22.62	22.46	24.00
1.4	QPSK	3	3	22.38	22.45	22.73	24.00
1.4	QPSK	6	0	22.72	22.81	22.78	24.00
1.4	16QAM	1	0	22.28	22.37	22.38	24.00
1.4	16QAM	1	3	22.16	22.49	22.69	24.00
1.4	16QAM	1	5	22.71	22.63	22.62	24.00
1.4	16QAM	3	0	21.61	21.55	21.69	23.00
1.4	16QAM	3	1	21.79	21.81	21.87	23.00
1.4	16QAM	3	3	21.73	21.83	21.74	23.00
1.4	16QAM	6	0	21.85	21.79	21.79	23.00
1.4	64QAM	1	0	21.87	21.86	21.80	23.00
1.4	64QAM	1	3	21.53	21.76	21.93	23.00
1.4	64QAM	1	5	21.75	21.79	21.62	23.00
1.4	64QAM	3	0	20.67	20.76	20.74	22.00
1.4	64QAM	3	1	20.81	20.87	20.84	22.00
1.4	64QAM	3	3	20.74	20.83	20.73	22.00
1.4	64QAM	6	0	20.74	20.92	20.78	22.00
1.4	256QAM	1	0	18.42	18.75	18.73	20.00
1.4	256QAM	1	3	18.32	18.68	18.84	20.00
1.4	256QAM	1	5	18.68	18.63	18.69	20.00
1.4	256QAM	3	0	18.62	18.63	18.75	20.00
1.4	256QAM	3	1	18.77	18.85	18.80	20.00
1.4	256QAM	3	3	18.83	18.89	18.78	20.00
1.4	256QAM	6	0	18.84	18.78	18.88	20.00

【LTE Band 66_Ant 1_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	24.50	24.72	24.96	25.00
20	QPSK	1	49	24.41	24.71	24.90	25.00
20	QPSK	1	99	24.44	24.70	24.84	25.00
20	QPSK	50	0	23.50	23.76	23.95	24.00
20	QPSK	50	24	23.35	23.67	23.81	24.00
20	QPSK	50	50	23.41	23.68	23.89	24.00
20	QPSK	100	0	23.36	23.67	23.76	24.00
20	16QAM	1	0	23.68	23.96	24.00	24.00



FCC SAR TEST REPORT

Report No. :FA503114B

20	16QAM	1	49	23.62	23.97	24.00	24.00
20	16QAM	1	99	23.72	23.95	23.98	24.00
20	16QAM	50	0	22.31	22.66	22.73	23.00
20	16QAM	50	24	22.38	22.65	22.74	23.00
20	16QAM	50	50	22.50	22.73	22.80	23.00
20	16QAM	100	0	22.40	22.67	22.76	23.00
20	64QAM	1	0	22.34	22.57	22.77	23.00
20	64QAM	1	49	22.33	22.56	22.66	23.00
20	64QAM	1	99	22.28	22.58	22.66	23.00
20	64QAM	50	0	21.52	21.73	21.81	22.00
20	64QAM	50	24	21.41	21.72	21.81	22.00
20	64QAM	50	50	21.47	21.79	21.97	22.00
20	64QAM	100	0	21.46	21.70	21.79	22.00
20	256QAM	1	0	19.13	19.45	19.52	20.00
20	256QAM	1	49	19.30	19.52	19.64	20.00
20	256QAM	1	99	19.33	19.56	19.71	20.00
20	256QAM	50	0	19.51	19.76	19.82	20.00
20	256QAM	50	24	19.44	19.74	19.86	20.00
20	256QAM	50	50	19.56	19.80	19.93	20.00
20	256QAM	100	0	19.43	19.70	19.87	20.00
Channel				132047	132322	132597	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	QPSK	1	0	24.48	24.63	24.93	25.00
15	QPSK	1	37	24.35	24.69	24.87	25.00
15	QPSK	1	74	24.41	24.69	24.70	25.00
15	QPSK	36	0	23.35	23.63	23.84	24.00
15	QPSK	36	20	23.27	23.62	23.74	24.00
15	QPSK	36	39	23.33	23.62	23.76	24.00
15	QPSK	75	0	23.22	23.58	23.64	24.00
15	16QAM	1	0	23.61	23.94	23.90	24.00
15	16QAM	1	37	23.53	23.86	23.95	24.00
15	16QAM	1	74	23.63	23.82	23.85	24.00
15	16QAM	36	0	22.19	22.62	22.67	23.00
15	16QAM	36	20	22.27	22.61	22.60	23.00
15	16QAM	36	39	22.43	22.62	22.75	23.00
15	16QAM	75	0	22.28	22.64	22.74	23.00
15	64QAM	1	0	22.21	22.46	22.69	23.00
15	64QAM	1	37	22.28	22.43	22.65	23.00
15	64QAM	1	74	22.19	22.45	22.57	23.00
15	64QAM	36	0	21.40	21.59	21.73	22.00
15	64QAM	36	20	21.26	21.66	21.78	22.00
15	64QAM	36	39	21.41	21.65	21.91	22.00
15	64QAM	75	0	21.37	21.58	21.65	22.00
15	256QAM	1	0	19.03	19.35	19.51	20.00
15	256QAM	1	37	19.22	19.42	19.50	20.00
15	256QAM	1	74	19.30	19.43	19.60	20.00
15	256QAM	36	0	19.39	19.75	19.81	20.00
15	256QAM	36	20	19.39	19.66	19.78	20.00
15	256QAM	36	39	19.46	19.75	19.78	20.00
15	256QAM	75	0	19.40	19.63	19.76	20.00
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	24.46	24.63	24.91	25.00
10	QPSK	1	25	24.31	24.67	24.81	25.00
10	QPSK	1	49	24.37	24.59	24.74	25.00
10	QPSK	25	0	23.43	23.69	23.93	24.00
10	QPSK	25	12	23.23	23.59	23.71	24.00
10	QPSK	25	25	23.40	23.60	23.84	24.00
10	QPSK	50	0	23.29	23.66	23.62	24.00
10	16QAM	1	0	23.57	23.84	23.86	24.00
10	16QAM	1	25	23.50	23.89	23.92	24.00
10	16QAM	1	49	23.68	23.92	23.84	24.00
10	16QAM	25	0	22.18	22.55	22.66	23.00
10	16QAM	25	12	22.35	22.53	22.70	23.00
10	16QAM	25	25	22.40	22.60	22.76	23.00
10	16QAM	50	0	22.35	22.63	22.63	23.00
10	64QAM	1	0	22.27	22.45	22.69	23.00
10	64QAM	1	25	22.23	22.42	22.60	23.00
10	64QAM	1	49	22.21	22.45	22.58	23.00
10	64QAM	25	0	21.44	21.68	21.80	22.00
10	64QAM	25	12	21.27	21.67	21.73	22.00
10	64QAM	25	25	21.35	21.71	21.91	22.00
10	64QAM	50	0	21.38	21.60	21.68	22.00
10	256QAM	1	0	19.08	19.36	19.39	20.00
10	256QAM	1	25	19.24	19.48	19.52	20.00
10	256QAM	1	49	19.32	19.50	19.65	20.00
10	256QAM	25	0	19.36	19.69	19.67	20.00
10	256QAM	25	12	19.42	19.65	19.81	20.00



FCC SAR TEST REPORT

Report No. :FA503114B

10	256QAM	25	25	19.49	19.74	19.92	20.00
10	256QAM	50	0	19.36	19.55	19.78	20.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	24.42	24.58	24.86	25.00
5	QPSK	1	12	24.28	24.64	24.87	25.00
5	QPSK	1	24	24.40	24.63	24.77	25.00
5	QPSK	12	0	23.42	23.73	23.88	24.00
5	QPSK	12	7	23.23	23.59	23.68	24.00
5	QPSK	12	13	23.37	23.63	23.85	24.00
5	QPSK	25	0	23.25	23.63	23.67	24.00
5	16QAM	1	0	23.59	23.88	23.88	24.00
5	16QAM	1	12	23.48	23.85	23.88	24.00
5	16QAM	1	24	23.67	23.83	23.97	24.00
5	16QAM	12	0	22.19	22.52	22.66	23.00
5	16QAM	12	7	22.32	22.60	22.64	23.00
5	16QAM	12	13	22.36	22.58	22.72	23.00
5	16QAM	25	0	22.28	22.54	22.65	23.00
5	64QAM	1	0	22.31	22.50	22.69	23.00
5	64QAM	1	12	22.20	22.48	22.53	23.00
5	64QAM	1	24	22.18	22.46	22.55	23.00
5	64QAM	12	0	21.50	21.61	21.69	22.00
5	64QAM	12	7	21.37	21.63	21.78	22.00
5	64QAM	12	13	21.41	21.70	21.93	22.00
5	64QAM	25	0	21.33	21.55	21.75	22.00
5	256QAM	1	0	19.00	19.35	19.38	20.00
5	256QAM	1	12	19.18	19.44	19.58	20.00
5	256QAM	1	24	19.29	19.44	19.68	20.00
5	256QAM	12	0	19.48	19.63	19.75	20.00
5	256QAM	12	7	19.38	19.63	19.83	20.00
5	256QAM	12	13	19.51	19.71	19.92	20.00
5	256QAM	25	0	19.32	19.66	19.85	20.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	24.44	24.68	24.83	25.00
3	QPSK	1	8	24.34	24.58	24.77	25.00
3	QPSK	1	14	24.43	24.62	24.82	25.00
3	QPSK	8	0	23.39	23.71	23.80	24.00
3	QPSK	8	4	23.21	23.62	23.79	24.00
3	QPSK	8	7	23.32	23.58	23.78	24.00
3	QPSK	15	0	23.30	23.59	23.73	24.00
3	16QAM	1	0	23.59	23.88	23.99	24.00
3	16QAM	1	8	23.50	23.86	23.85	24.00
3	16QAM	1	14	23.58	23.88	23.96	24.00
3	16QAM	8	0	22.23	22.55	22.66	23.00
3	16QAM	8	4	22.36	22.57	22.61	23.00
3	16QAM	8	7	22.45	22.67	22.74	23.00
3	16QAM	15	0	22.28	22.55	22.72	23.00
3	64QAM	1	0	22.19	22.51	22.68	23.00
3	64QAM	1	8	22.30	22.50	22.59	23.00
3	64QAM	1	14	22.21	22.47	22.61	23.00
3	64QAM	8	0	21.43	21.62	21.67	22.00
3	64QAM	8	4	21.39	21.68	21.72	22.00
3	64QAM	8	7	21.36	21.64	21.91	22.00
3	64QAM	15	0	21.37	21.64	21.76	22.00
3	256QAM	1	0	19.03	19.33	19.43	20.00
3	256QAM	1	8	19.17	19.38	19.55	20.00
3	256QAM	1	14	19.31	19.48	19.63	20.00
3	256QAM	8	0	19.40	19.69	19.70	20.00
3	256QAM	8	4	19.36	19.73	19.84	20.00
3	256QAM	8	7	19.50	19.66	19.84	20.00
3	256QAM	15	0	19.42	19.64	19.74	20.00
Channel				131979	132322	132665	Tune-up limit
Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	24.35	24.60	24.92	25.00
1.4	QPSK	1	3	24.34	24.59	24.85	25.00
1.4	QPSK	1	5	24.40	24.57	24.70	25.00
1.4	QPSK	3	0	24.41	24.64	24.89	25.00
1.4	QPSK	3	1	24.27	24.62	24.75	25.00
1.4	QPSK	3	3	24.31	24.58	24.83	25.00
1.4	QPSK	6	0	23.32	23.54	23.63	24.00
1.4	16QAM	1	0	23.54	23.93	23.88	24.00
1.4	16QAM	1	3	23.58	23.90	23.97	24.00
1.4	16QAM	1	5	23.68	23.87	23.90	24.00
1.4	16QAM	3	0	23.17	23.58	23.62	24.00
1.4	16QAM	3	1	23.27	23.60	23.64	24.00
1.4	16QAM	3	3	23.40	23.61	23.76	24.00
1.4	16QAM	6	0	22.35	22.54	22.73	23.00

1.4	64QAM	1	0	22.33	22.43	22.63	23.00
1.4	64QAM	1	3	22.29	22.47	22.60	23.00
1.4	64QAM	1	5	22.19	22.54	22.52	23.00
1.4	64QAM	3	0	22.42	22.71	22.75	23.00
1.4	64QAM	3	1	22.27	22.66	22.78	23.00
1.4	64QAM	3	3	22.42	22.72	22.83	23.00
1.4	64QAM	6	0	21.36	21.61	21.70	22.00
1.4	256QAM	1	0	19.00	19.42	19.48	20.00
1.4	256QAM	1	3	19.18	19.41	19.53	20.00
1.4	256QAM	1	5	19.29	19.44	19.68	20.00
1.4	256QAM	3	0	19.38	19.62	19.68	20.00
1.4	256QAM	3	1	19.39	19.59	19.71	20.00
1.4	256QAM	3	3	19.47	19.76	19.87	20.00
1.4	256QAM	6	0	19.34	19.68	19.73	20.00

【LTE Band 66_Ant 1_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	24.50	24.72	24.96	25.00
20	QPSK	1	49	24.41	24.71	24.90	25.00
20	QPSK	1	99	24.44	24.70	24.84	25.00
20	QPSK	50	0	23.50	23.76	23.95	24.00
20	QPSK	50	24	23.35	23.67	23.81	24.00
20	QPSK	50	50	23.41	23.68	23.89	24.00
20	QPSK	100	0	23.36	23.67	23.76	24.00
20	16QAM	1	0	23.68	23.96	24.00	24.00
20	16QAM	1	49	23.62	23.97	24.00	24.00
20	16QAM	1	99	23.72	23.95	23.98	24.00
20	16QAM	50	0	22.31	22.66	22.73	23.00
20	16QAM	50	24	22.38	22.65	22.74	23.00
20	16QAM	50	50	22.50	22.73	22.80	23.00
20	16QAM	100	0	22.40	22.67	22.76	23.00
20	64QAM	1	0	22.34	22.57	22.77	23.00
20	64QAM	1	49	22.33	22.56	22.66	23.00
20	64QAM	1	99	22.28	22.58	22.66	23.00
20	64QAM	50	0	21.52	21.73	21.81	22.00
20	64QAM	50	24	21.41	21.72	21.81	22.00
20	64QAM	50	50	21.47	21.79	21.97	22.00
20	64QAM	100	0	21.46	21.70	21.79	22.00
20	256QAM	1	0	19.13	19.45	19.52	20.00
20	256QAM	1	49	19.30	19.52	19.64	20.00
20	256QAM	1	99	19.33	19.56	19.71	20.00
20	256QAM	50	0	19.51	19.76	19.82	20.00
20	256QAM	50	24	19.44	19.74	19.86	20.00
20	256QAM	50	50	19.56	19.80	19.93	20.00
20	256QAM	100	0	19.43	19.70	19.87	20.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	24.48	24.63	24.93	25.00
15	QPSK	1	37	24.35	24.69	24.87	25.00
15	QPSK	1	74	24.41	24.69	24.70	25.00
15	QPSK	36	0	23.35	23.63	23.84	24.00
15	QPSK	36	20	23.27	23.62	23.74	24.00
15	QPSK	36	39	23.33	23.62	23.76	24.00
15	QPSK	75	0	23.22	23.58	23.64	24.00
15	16QAM	1	0	23.61	23.94	23.90	24.00
15	16QAM	1	37	23.53	23.86	23.95	24.00
15	16QAM	1	74	23.63	23.82	23.85	24.00
15	16QAM	36	0	22.19	22.62	22.67	23.00
15	16QAM	36	20	22.27	22.61	22.60	23.00
15	16QAM	36	39	22.43	22.62	22.75	23.00
15	16QAM	75	0	22.28	22.64	22.74	23.00
15	64QAM	1	0	22.21	22.46	22.69	23.00
15	64QAM	1	37	22.28	22.43	22.65	23.00
15	64QAM	1	74	22.19	22.45	22.57	23.00
15	64QAM	36	0	21.40	21.59	21.73	22.00
15	64QAM	36	20	21.26	21.66	21.78	22.00
15	64QAM	36	39	21.41	21.65	21.91	22.00
15	64QAM	75	0	21.37	21.58	21.65	22.00
15	256QAM	1	0	19.03	19.35	19.51	20.00
15	256QAM	1	37	19.22	19.42	19.50	20.00



FCC SAR TEST REPORT

Report No. :FA503114B

15	256QAM	1	74	19.30	19.43	19.60	20.00
15	256QAM	36	0	19.39	19.75	19.81	20.00
15	256QAM	36	20	19.39	19.66	19.78	20.00
15	256QAM	36	39	19.46	19.75	19.78	20.00
15	256QAM	75	0	19.40	19.63	19.76	20.00
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	24.46	24.63	24.91	25.00
10	QPSK	1	25	24.31	24.67	24.81	25.00
10	QPSK	1	49	24.37	24.59	24.74	25.00
10	QPSK	25	0	23.43	23.69	23.93	24.00
10	QPSK	25	12	23.23	23.59	23.71	24.00
10	QPSK	25	25	23.40	23.60	23.84	24.00
10	QPSK	50	0	23.29	23.66	23.62	24.00
10	16QAM	1	0	23.57	23.84	23.86	24.00
10	16QAM	1	25	23.50	23.89	23.92	24.00
10	16QAM	1	49	23.68	23.92	23.84	24.00
10	16QAM	25	0	22.18	22.55	22.66	23.00
10	16QAM	25	12	22.35	22.53	22.70	23.00
10	16QAM	25	25	22.40	22.60	22.76	23.00
10	16QAM	50	0	22.35	22.63	22.63	23.00
10	64QAM	1	0	22.27	22.45	22.69	23.00
10	64QAM	1	25	22.23	22.42	22.60	23.00
10	64QAM	1	49	22.21	22.45	22.58	23.00
10	64QAM	25	0	21.44	21.68	21.80	22.00
10	64QAM	25	12	21.27	21.67	21.73	22.00
10	64QAM	25	25	21.35	21.71	21.91	22.00
10	64QAM	50	0	21.38	21.60	21.68	22.00
10	256QAM	1	0	19.08	19.36	19.39	20.00
10	256QAM	1	25	19.24	19.48	19.52	20.00
10	256QAM	1	49	19.32	19.50	19.65	20.00
10	256QAM	25	0	19.36	19.69	19.67	20.00
10	256QAM	25	12	19.42	19.65	19.81	20.00
10	256QAM	25	25	19.49	19.74	19.92	20.00
10	256QAM	50	0	19.36	19.55	19.78	20.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	24.42	24.58	24.86	25.00
5	QPSK	1	12	24.28	24.64	24.87	25.00
5	QPSK	1	24	24.40	24.63	24.77	25.00
5	QPSK	12	0	23.42	23.73	23.88	24.00
5	QPSK	12	7	23.23	23.59	23.68	24.00
5	QPSK	12	13	23.37	23.63	23.85	24.00
5	QPSK	25	0	23.25	23.63	23.67	24.00
5	16QAM	1	0	23.59	23.88	23.88	24.00
5	16QAM	1	12	23.48	23.85	23.88	24.00
5	16QAM	1	24	23.67	23.83	23.97	24.00
5	16QAM	12	0	22.19	22.52	22.66	23.00
5	16QAM	12	7	22.32	22.60	22.64	23.00
5	16QAM	12	13	22.36	22.58	22.72	23.00
5	16QAM	25	0	22.28	22.54	22.65	23.00
5	64QAM	1	0	22.31	22.50	22.69	23.00
5	64QAM	1	12	22.20	22.48	22.53	23.00
5	64QAM	1	24	22.18	22.46	22.55	23.00
5	64QAM	12	0	21.50	21.61	21.69	22.00
5	64QAM	12	7	21.37	21.63	21.78	22.00
5	64QAM	12	13	21.41	21.70	21.93	22.00
5	64QAM	25	0	21.33	21.55	21.75	22.00
5	256QAM	1	0	19.00	19.35	19.38	20.00
5	256QAM	1	12	19.18	19.44	19.58	20.00
5	256QAM	1	24	19.29	19.44	19.68	20.00
5	256QAM	12	0	19.48	19.63	19.75	20.00
5	256QAM	12	7	19.38	19.63	19.83	20.00
5	256QAM	12	13	19.51	19.71	19.92	20.00
5	256QAM	25	0	19.32	19.66	19.85	20.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	24.44	24.68	24.83	25.00
3	QPSK	1	8	24.34	24.58	24.77	25.00
3	QPSK	1	14	24.43	24.62	24.82	25.00
3	QPSK	8	0	23.39	23.71	23.80	24.00
3	QPSK	8	4	23.21	23.62	23.79	24.00
3	QPSK	8	7	23.32	23.58	23.78	24.00
3	QPSK	15	0	23.30	23.59	23.73	24.00
3	16QAM	1	0	23.59	23.88	23.99	24.00
3	16QAM	1	8	23.50	23.86	23.85	24.00
3	16QAM	1	14	23.58	23.88	23.96	24.00
3	16QAM	8	0	22.23	22.55	22.66	23.00

3	16QAM	8	4	22.36	22.57	22.61	23.00
3	16QAM	8	7	22.45	22.67	22.74	23.00
3	16QAM	15	0	22.28	22.55	22.72	23.00
3	64QAM	1	0	22.19	22.51	22.68	23.00
3	64QAM	1	8	22.30	22.50	22.59	23.00
3	64QAM	1	14	22.21	22.47	22.61	23.00
3	64QAM	8	0	21.43	21.62	21.67	22.00
3	64QAM	8	4	21.39	21.68	21.72	22.00
3	64QAM	8	7	21.36	21.64	21.91	22.00
3	64QAM	15	0	21.37	21.64	21.76	22.00
3	256QAM	1	0	19.03	19.33	19.43	20.00
3	256QAM	1	8	19.17	19.38	19.55	20.00
3	256QAM	1	14	19.31	19.48	19.63	20.00
3	256QAM	8	0	19.40	19.69	19.70	20.00
3	256QAM	8	4	19.36	19.73	19.84	20.00
3	256QAM	8	7	19.50	19.66	19.84	20.00
3	256QAM	15	0	19.42	19.64	19.74	20.00
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	24.35	24.60	24.92	25.00
1.4	QPSK	1	3	24.34	24.59	24.85	25.00
1.4	QPSK	1	5	24.40	24.57	24.70	25.00
1.4	QPSK	3	0	24.41	24.64	24.89	25.00
1.4	QPSK	3	1	24.27	24.62	24.75	25.00
1.4	QPSK	3	3	24.31	24.58	24.83	25.00
1.4	QPSK	6	0	23.32	23.54	23.63	24.00
1.4	16QAM	1	0	23.54	23.93	23.88	24.00
1.4	16QAM	1	3	23.58	23.90	23.97	24.00
1.4	16QAM	1	5	23.68	23.87	23.90	24.00
1.4	16QAM	3	0	23.17	23.58	23.62	24.00
1.4	16QAM	3	1	23.27	23.60	23.64	24.00
1.4	16QAM	3	3	23.40	23.61	23.76	24.00
1.4	16QAM	6	0	22.35	22.54	22.73	23.00
1.4	64QAM	1	0	22.33	22.43	22.63	23.00
1.4	64QAM	1	3	22.29	22.47	22.60	23.00
1.4	64QAM	1	5	22.19	22.54	22.52	23.00
1.4	64QAM	3	0	22.42	22.71	22.75	23.00
1.4	64QAM	3	1	22.27	22.66	22.78	23.00
1.4	64QAM	3	3	22.42	22.72	22.83	23.00
1.4	64QAM	6	0	21.36	21.61	21.70	22.00
1.4	256QAM	1	0	19.00	19.42	19.48	20.00
1.4	256QAM	1	3	19.18	19.41	19.53	20.00
1.4	256QAM	1	5	19.29	19.44	19.68	20.00
1.4	256QAM	3	0	19.38	19.62	19.68	20.00
1.4	256QAM	3	1	19.39	19.59	19.71	20.00
1.4	256QAM	3	3	19.47	19.76	19.87	20.00
1.4	256QAM	6	0	19.34	19.68	19.73	20.00

【LTE Band 66_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				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	24.50	24.72	24.96	25.00
20	QPSK	1	49	24.41	24.71	24.90	25.00
20	QPSK	1	99	24.44	24.70	24.84	25.00
20	QPSK	50	0	23.50	23.76	23.95	24.00
20	QPSK	50	24	23.35	23.67	23.81	24.00
20	QPSK	50	50	23.41	23.68	23.89	24.00
20	QPSK	100	0	23.36	23.67	23.76	24.00
20	16QAM	1	0	23.68	23.96	24.00	24.00
20	16QAM	1	49	23.62	23.97	24.00	24.00
20	16QAM	1	99	23.72	23.95	23.98	24.00
20	16QAM	50	0	22.31	22.66	22.73	23.00
20	16QAM	50	24	22.38	22.65	22.74	23.00
20	16QAM	50	50	22.50	22.73	22.80	23.00
20	16QAM	100	0	22.40	22.67	22.76	23.00
20	64QAM	1	0	22.34	22.57	22.77	23.00
20	64QAM	1	49	22.33	22.56	22.66	23.00
20	64QAM	1	99	22.28	22.58	22.66	23.00
20	64QAM	50	0	21.52	21.73	21.81	22.00
20	64QAM	50	24	21.41	21.72	21.81	22.00
20	64QAM	50	50	21.47	21.79	21.97	22.00



FCC SAR TEST REPORT

Report No. :FA503114B

20	64QAM	100	0	21.46	21.70	21.79	22.00
20	256QAM	1	0	19.13	19.45	19.52	20.00
20	256QAM	1	49	19.30	19.52	19.64	20.00
20	256QAM	1	99	19.33	19.56	19.71	20.00
20	256QAM	50	0	19.51	19.76	19.82	20.00
20	256QAM	50	24	19.44	19.74	19.86	20.00
20	256QAM	50	50	19.56	19.80	19.93	20.00
20	256QAM	100	0	19.43	19.70	19.87	20.00
Channel				132047	132322	132597	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	QPSK	1	0	24.48	24.63	24.93	25.00
15	QPSK	1	37	24.35	24.69	24.87	25.00
15	QPSK	1	74	24.41	24.69	24.70	25.00
15	QPSK	36	0	23.35	23.63	23.84	24.00
15	QPSK	36	20	23.27	23.62	23.74	24.00
15	QPSK	36	39	23.33	23.62	23.76	24.00
15	QPSK	75	0	23.22	23.58	23.64	24.00
15	16QAM	1	0	23.61	23.94	23.90	24.00
15	16QAM	1	37	23.53	23.86	23.95	24.00
15	16QAM	1	74	23.63	23.82	23.85	24.00
15	16QAM	36	0	22.19	22.62	22.67	23.00
15	16QAM	36	20	22.27	22.61	22.60	23.00
15	16QAM	36	39	22.43	22.62	22.75	23.00
15	16QAM	75	0	22.28	22.64	22.74	23.00
15	64QAM	1	0	22.21	22.46	22.69	23.00
15	64QAM	1	37	22.28	22.43	22.65	23.00
15	64QAM	1	74	22.19	22.45	22.57	23.00
15	64QAM	36	0	21.40	21.59	21.73	22.00
15	64QAM	36	20	21.26	21.66	21.78	22.00
15	64QAM	36	39	21.41	21.65	21.91	22.00
15	64QAM	75	0	21.37	21.58	21.65	22.00
15	256QAM	1	0	19.03	19.35	19.51	20.00
15	256QAM	1	37	19.22	19.42	19.50	20.00
15	256QAM	1	74	19.30	19.43	19.60	20.00
15	256QAM	36	0	19.39	19.75	19.81	20.00
15	256QAM	36	20	19.39	19.66	19.78	20.00
15	256QAM	36	39	19.46	19.75	19.78	20.00
15	256QAM	75	0	19.40	19.63	19.76	20.00
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	24.46	24.63	24.91	25.00
10	QPSK	1	25	24.31	24.67	24.81	25.00
10	QPSK	1	49	24.37	24.59	24.74	25.00
10	QPSK	25	0	23.43	23.69	23.93	24.00
10	QPSK	25	12	23.23	23.59	23.71	24.00
10	QPSK	25	25	23.40	23.60	23.84	24.00
10	QPSK	50	0	23.29	23.66	23.62	24.00
10	16QAM	1	0	23.57	23.84	23.86	24.00
10	16QAM	1	25	23.50	23.89	23.92	24.00
10	16QAM	1	49	23.68	23.92	23.84	24.00
10	16QAM	25	0	22.18	22.55	22.66	23.00
10	16QAM	25	12	22.35	22.53	22.70	23.00
10	16QAM	25	25	22.40	22.60	22.76	23.00
10	16QAM	50	0	22.35	22.63	22.63	23.00
10	64QAM	1	0	22.27	22.45	22.69	23.00
10	64QAM	1	25	22.23	22.42	22.60	23.00
10	64QAM	1	49	22.21	22.45	22.58	23.00
10	64QAM	25	0	21.44	21.68	21.80	22.00
10	64QAM	25	12	21.27	21.67	21.73	22.00
10	64QAM	25	25	21.35	21.71	21.91	22.00
10	64QAM	50	0	21.38	21.60	21.68	22.00
10	256QAM	1	0	19.08	19.36	19.39	20.00
10	256QAM	1	25	19.24	19.48	19.52	20.00
10	256QAM	1	49	19.32	19.50	19.65	20.00
10	256QAM	25	0	19.36	19.69	19.67	20.00
10	256QAM	25	12	19.42	19.65	19.81	20.00
10	256QAM	25	25	19.49	19.74	19.92	20.00
10	256QAM	50	0	19.36	19.55	19.78	20.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	24.42	24.58	24.86	25.00
5	QPSK	1	12	24.28	24.64	24.87	25.00
5	QPSK	1	24	24.40	24.63	24.77	25.00
5	QPSK	12	0	23.42	23.73	23.88	24.00
5	QPSK	12	7	23.23	23.59	23.68	24.00
5	QPSK	12	13	23.37	23.63	23.85	24.00
5	QPSK	25	0	23.25	23.63	23.67	24.00
5	16QAM	1	0	23.59	23.88	23.88	24.00



FCC SAR TEST REPORT

Report No. :FA503114B

5	16QAM	1	12	23.48	23.85	23.88	24.00
5	16QAM	1	24	23.67	23.83	23.97	24.00
5	16QAM	12	0	22.19	22.52	22.66	23.00
5	16QAM	12	7	22.32	22.60	22.64	23.00
5	16QAM	12	13	22.36	22.58	22.72	23.00
5	16QAM	25	0	22.28	22.54	22.65	23.00
5	64QAM	1	0	22.31	22.50	22.69	23.00
5	64QAM	1	12	22.20	22.48	22.53	23.00
5	64QAM	1	24	22.18	22.46	22.55	23.00
5	64QAM	12	0	21.50	21.61	21.69	22.00
5	64QAM	12	7	21.37	21.63	21.78	22.00
5	64QAM	12	13	21.41	21.70	21.93	22.00
5	64QAM	25	0	21.33	21.55	21.75	22.00
5	256QAM	1	0	19.00	19.35	19.38	20.00
5	256QAM	1	12	19.18	19.44	19.58	20.00
5	256QAM	1	24	19.29	19.44	19.68	20.00
5	256QAM	12	0	19.48	19.63	19.75	20.00
5	256QAM	12	7	19.38	19.63	19.83	20.00
5	256QAM	12	13	19.51	19.71	19.92	20.00
5	256QAM	25	0	19.32	19.66	19.85	20.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	24.44	24.68	24.83	25.00
3	QPSK	1	8	24.34	24.58	24.77	25.00
3	QPSK	1	14	24.43	24.62	24.82	25.00
3	QPSK	8	0	23.39	23.71	23.80	24.00
3	QPSK	8	4	23.21	23.62	23.79	24.00
3	QPSK	8	7	23.32	23.58	23.78	24.00
3	QPSK	15	0	23.30	23.59	23.73	24.00
3	16QAM	1	0	23.59	23.88	23.99	24.00
3	16QAM	1	8	23.50	23.86	23.85	24.00
3	16QAM	1	14	23.58	23.88	23.96	24.00
3	16QAM	8	0	22.23	22.55	22.66	23.00
3	16QAM	8	4	22.36	22.57	22.61	23.00
3	16QAM	8	7	22.45	22.67	22.74	23.00
3	16QAM	15	0	22.28	22.55	22.72	23.00
3	64QAM	1	0	22.19	22.51	22.68	23.00
3	64QAM	1	8	22.30	22.50	22.59	23.00
3	64QAM	1	14	22.21	22.47	22.61	23.00
3	64QAM	8	0	21.43	21.62	21.67	22.00
3	64QAM	8	4	21.39	21.68	21.72	22.00
3	64QAM	8	7	21.36	21.64	21.91	22.00
3	64QAM	15	0	21.37	21.64	21.76	22.00
3	256QAM	1	0	19.03	19.33	19.43	20.00
3	256QAM	1	8	19.17	19.38	19.55	20.00
3	256QAM	1	14	19.31	19.48	19.63	20.00
3	256QAM	8	0	19.40	19.69	19.70	20.00
3	256QAM	8	4	19.36	19.73	19.84	20.00
3	256QAM	8	7	19.50	19.66	19.84	20.00
3	256QAM	15	0	19.42	19.64	19.74	20.00
Channel				131979	132322	132665	Tune-up limit
Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	24.35	24.60	24.92	25.00
1.4	QPSK	1	3	24.34	24.59	24.85	25.00
1.4	QPSK	1	5	24.40	24.57	24.70	25.00
1.4	QPSK	3	0	24.41	24.64	24.89	25.00
1.4	QPSK	3	1	24.27	24.62	24.75	25.00
1.4	QPSK	3	3	24.31	24.58	24.83	25.00
1.4	QPSK	6	0	23.32	23.54	23.63	24.00
1.4	16QAM	1	0	23.54	23.93	23.88	24.00
1.4	16QAM	1	3	23.58	23.90	23.97	24.00
1.4	16QAM	1	5	23.68	23.87	23.90	24.00
1.4	16QAM	3	0	23.17	23.58	23.62	24.00
1.4	16QAM	3	1	23.27	23.60	23.64	24.00
1.4	16QAM	3	3	23.40	23.61	23.76	24.00
1.4	16QAM	6	0	22.35	22.54	22.73	23.00
1.4	64QAM	1	0	22.33	22.43	22.63	23.00
1.4	64QAM	1	3	22.29	22.47	22.60	23.00
1.4	64QAM	1	5	22.19	22.54	22.52	23.00
1.4	64QAM	3	0	22.42	22.71	22.75	23.00
1.4	64QAM	3	1	22.27	22.66	22.78	23.00
1.4	64QAM	3	3	22.42	22.72	22.83	23.00
1.4	64QAM	6	0	21.36	21.61	21.70	22.00
1.4	256QAM	1	0	19.00	19.42	19.48	20.00
1.4	256QAM	1	3	19.18	19.41	19.53	20.00
1.4	256QAM	1	5	19.29	19.44	19.68	20.00
1.4	256QAM	3	0	19.38	19.62	19.68	20.00
1.4	256QAM	3	1	19.39	19.59	19.71	20.00

1.4	256QAM	3	3	19.47	19.76	19.87	20.00
1.4	256QAM	6	0	19.34	19.68	19.73	20.00

【LTE Band 66_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				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	24.50	24.72	24.96	25.00
20	QPSK	1	49	24.41	24.71	24.90	25.00
20	QPSK	1	99	24.44	24.70	24.84	25.00
20	QPSK	50	0	23.50	23.76	23.95	24.00
20	QPSK	50	24	23.35	23.67	23.81	24.00
20	QPSK	50	50	23.41	23.68	23.89	24.00
20	QPSK	100	0	23.36	23.67	23.76	24.00
20	16QAM	1	0	23.68	23.96	24.00	24.00
20	16QAM	1	49	23.62	23.97	24.00	24.00
20	16QAM	1	99	23.72	23.95	23.98	24.00
20	16QAM	50	0	22.31	22.66	22.73	23.00
20	16QAM	50	24	22.38	22.65	22.74	23.00
20	16QAM	50	50	22.50	22.73	22.80	23.00
20	16QAM	100	0	22.40	22.67	22.76	23.00
20	64QAM	1	0	22.34	22.57	22.77	23.00
20	64QAM	1	49	22.33	22.56	22.66	23.00
20	64QAM	1	99	22.28	22.58	22.66	23.00
20	64QAM	50	0	21.52	21.73	21.81	22.00
20	64QAM	50	24	21.41	21.72	21.81	22.00
20	64QAM	50	50	21.47	21.79	21.97	22.00
20	64QAM	100	0	21.46	21.70	21.79	22.00
20	256QAM	1	0	19.13	19.45	19.52	20.00
20	256QAM	1	49	19.30	19.52	19.64	20.00
20	256QAM	1	99	19.33	19.56	19.71	20.00
20	256QAM	50	0	19.51	19.76	19.82	20.00
20	256QAM	50	24	19.44	19.74	19.86	20.00
20	256QAM	50	50	19.56	19.80	19.93	20.00
20	256QAM	100	0	19.43	19.70	19.87	20.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	24.48	24.63	24.93	25.00
15	QPSK	1	37	24.35	24.69	24.87	25.00
15	QPSK	1	74	24.41	24.69	24.70	25.00
15	QPSK	36	0	23.35	23.63	23.84	24.00
15	QPSK	36	20	23.27	23.62	23.74	24.00
15	QPSK	36	39	23.33	23.62	23.76	24.00
15	QPSK	75	0	23.22	23.58	23.64	24.00
15	16QAM	1	0	23.61	23.94	23.90	24.00
15	16QAM	1	37	23.53	23.86	23.95	24.00
15	16QAM	1	74	23.63	23.82	23.85	24.00
15	16QAM	36	0	22.19	22.62	22.67	23.00
15	16QAM	36	20	22.27	22.61	22.60	23.00
15	16QAM	36	39	22.43	22.62	22.75	23.00
15	16QAM	75	0	22.28	22.64	22.74	23.00
15	64QAM	1	0	22.21	22.46	22.69	23.00
15	64QAM	1	37	22.28	22.43	22.65	23.00
15	64QAM	1	74	22.19	22.45	22.57	23.00
15	64QAM	36	0	21.40	21.59	21.73	22.00
15	64QAM	36	20	21.26	21.66	21.78	22.00
15	64QAM	36	39	21.41	21.65	21.91	22.00
15	64QAM	75	0	21.37	21.58	21.65	22.00
15	256QAM	1	0	19.03	19.35	19.51	20.00
15	256QAM	1	37	19.22	19.42	19.50	20.00
15	256QAM	1	74	19.30	19.43	19.60	20.00
15	256QAM	36	0	19.39	19.75	19.81	20.00
15	256QAM	36	20	19.39	19.66	19.78	20.00
15	256QAM	36	39	19.46	19.75	19.78	20.00
15	256QAM	75	0	19.40	19.63	19.76	20.00
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	24.46	24.63	24.91	25.00
10	QPSK	1	25	24.31	24.67	24.81	25.00
10	QPSK	1	49	24.37	24.59	24.74	25.00
10	QPSK	25	0	23.43	23.69	23.93	24.00
10	QPSK	25	12	23.23	23.59	23.71	24.00



FCC SAR TEST REPORT

Report No. :FA503114B

10	QPSK	25	25	23.40	23.60	23.84	24.00
10	QPSK	50	0	23.29	23.66	23.62	24.00
10	16QAM	1	0	23.57	23.84	23.86	24.00
10	16QAM	1	25	23.50	23.89	23.92	24.00
10	16QAM	1	49	23.68	23.92	23.84	24.00
10	16QAM	25	0	22.18	22.55	22.66	23.00
10	16QAM	25	12	22.35	22.53	22.70	23.00
10	16QAM	25	25	22.40	22.60	22.76	23.00
10	16QAM	50	0	22.35	22.63	22.63	23.00
10	64QAM	1	0	22.27	22.45	22.69	23.00
10	64QAM	1	25	22.23	22.42	22.60	23.00
10	64QAM	1	49	22.21	22.45	22.58	23.00
10	64QAM	25	0	21.44	21.68	21.80	22.00
10	64QAM	25	12	21.27	21.67	21.73	22.00
10	64QAM	25	25	21.35	21.71	21.91	22.00
10	64QAM	50	0	21.38	21.60	21.68	22.00
10	256QAM	1	0	19.08	19.36	19.39	20.00
10	256QAM	1	25	19.24	19.48	19.52	20.00
10	256QAM	1	49	19.32	19.50	19.65	20.00
10	256QAM	25	0	19.36	19.69	19.67	20.00
10	256QAM	25	12	19.42	19.65	19.81	20.00
10	256QAM	25	25	19.49	19.74	19.92	20.00
10	256QAM	50	0	19.36	19.55	19.78	20.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	24.42	24.58	24.86	25.00
5	QPSK	1	12	24.28	24.64	24.87	25.00
5	QPSK	1	24	24.40	24.63	24.77	25.00
5	QPSK	12	0	23.42	23.73	23.88	24.00
5	QPSK	12	7	23.23	23.59	23.68	24.00
5	QPSK	12	13	23.37	23.63	23.85	24.00
5	QPSK	25	0	23.25	23.63	23.67	24.00
5	16QAM	1	0	23.59	23.88	23.88	24.00
5	16QAM	1	12	23.48	23.85	23.88	24.00
5	16QAM	1	24	23.67	23.83	23.97	24.00
5	16QAM	12	0	22.19	22.52	22.66	23.00
5	16QAM	12	7	22.32	22.60	22.64	23.00
5	16QAM	12	13	22.36	22.58	22.72	23.00
5	16QAM	25	0	22.28	22.54	22.65	23.00
5	64QAM	1	0	22.31	22.50	22.69	23.00
5	64QAM	1	12	22.20	22.48	22.53	23.00
5	64QAM	1	24	22.18	22.46	22.55	23.00
5	64QAM	12	0	21.50	21.61	21.69	22.00
5	64QAM	12	7	21.37	21.63	21.78	22.00
5	64QAM	12	13	21.41	21.70	21.93	22.00
5	64QAM	25	0	21.33	21.55	21.75	22.00
5	256QAM	1	0	19.00	19.35	19.38	20.00
5	256QAM	1	12	19.18	19.44	19.58	20.00
5	256QAM	1	24	19.29	19.44	19.68	20.00
5	256QAM	12	0	19.48	19.63	19.75	20.00
5	256QAM	12	7	19.38	19.63	19.83	20.00
5	256QAM	12	13	19.51	19.71	19.92	20.00
5	256QAM	25	0	19.32	19.66	19.85	20.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	24.44	24.68	24.83	25.00
3	QPSK	1	8	24.34	24.58	24.77	25.00
3	QPSK	1	14	24.43	24.62	24.82	25.00
3	QPSK	8	0	23.39	23.71	23.80	24.00
3	QPSK	8	4	23.21	23.62	23.79	24.00
3	QPSK	8	7	23.32	23.58	23.78	24.00
3	QPSK	15	0	23.30	23.59	23.73	24.00
3	16QAM	1	0	23.59	23.88	23.99	24.00
3	16QAM	1	8	23.50	23.86	23.85	24.00
3	16QAM	1	14	23.58	23.88	23.96	24.00
3	16QAM	8	0	22.23	22.55	22.66	23.00
3	16QAM	8	4	22.36	22.57	22.61	23.00
3	16QAM	8	7	22.45	22.67	22.74	23.00
3	16QAM	15	0	22.28	22.55	22.72	23.00
3	64QAM	1	0	22.19	22.51	22.68	23.00
3	64QAM	1	8	22.30	22.50	22.59	23.00
3	64QAM	1	14	22.21	22.47	22.61	23.00
3	64QAM	8	0	21.43	21.62	21.67	22.00
3	64QAM	8	4	21.39	21.68	21.72	22.00
3	64QAM	8	7	21.36	21.64	21.91	22.00
3	64QAM	15	0	21.37	21.64	21.76	22.00
3	256QAM	1	0	19.03	19.33	19.43	20.00
3	256QAM	1	8	19.17	19.38	19.55	20.00

3	256QAM	1	14	19.31	19.48	19.63	20.00
3	256QAM	8	0	19.40	19.69	19.70	20.00
3	256QAM	8	4	19.36	19.73	19.84	20.00
3	256QAM	8	7	19.50	19.66	19.84	20.00
3	256QAM	15	0	19.42	19.64	19.74	20.00
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	24.35	24.60	24.92	25.00
1.4	QPSK	1	3	24.34	24.59	24.85	25.00
1.4	QPSK	1	5	24.40	24.57	24.70	25.00
1.4	QPSK	3	0	24.41	24.64	24.89	25.00
1.4	QPSK	3	1	24.27	24.62	24.75	25.00
1.4	QPSK	3	3	24.31	24.58	24.83	25.00
1.4	QPSK	6	0	23.32	23.54	23.63	24.00
1.4	16QAM	1	0	23.54	23.93	23.88	24.00
1.4	16QAM	1	3	23.58	23.90	23.97	24.00
1.4	16QAM	1	5	23.68	23.87	23.90	24.00
1.4	16QAM	3	0	23.17	23.58	23.62	24.00
1.4	16QAM	3	1	23.27	23.60	23.64	24.00
1.4	16QAM	3	3	23.40	23.61	23.76	24.00
1.4	16QAM	6	0	22.35	22.54	22.73	23.00
1.4	64QAM	1	0	22.33	22.43	22.63	23.00
1.4	64QAM	1	3	22.29	22.47	22.60	23.00
1.4	64QAM	1	5	22.19	22.54	22.52	23.00
1.4	64QAM	3	0	22.42	22.71	22.75	23.00
1.4	64QAM	3	1	22.27	22.66	22.78	23.00
1.4	64QAM	3	3	22.42	22.72	22.83	23.00
1.4	64QAM	6	0	21.36	21.61	21.70	22.00
1.4	256QAM	1	0	19.00	19.42	19.48	20.00
1.4	256QAM	1	3	19.18	19.41	19.53	20.00
1.4	256QAM	1	5	19.29	19.44	19.68	20.00
1.4	256QAM	3	0	19.38	19.62	19.68	20.00
1.4	256QAM	3	1	19.39	19.59	19.71	20.00
1.4	256QAM	3	3	19.47	19.76	19.87	20.00
1.4	256QAM	6	0	19.34	19.68	19.73	20.00

【LTE Band 66_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				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	24.50	24.72	24.96	25.00
20	QPSK	1	49	24.41	24.71	24.90	25.00
20	QPSK	1	99	24.44	24.70	24.84	25.00
20	QPSK	50	0	23.50	23.76	23.95	24.00
20	QPSK	50	24	23.35	23.67	23.81	24.00
20	QPSK	50	50	23.41	23.68	23.89	24.00
20	QPSK	100	0	23.36	23.67	23.76	24.00
20	16QAM	1	0	23.68	23.96	24.00	24.00
20	16QAM	1	49	23.62	23.97	24.00	24.00
20	16QAM	1	99	23.72	23.95	23.98	24.00
20	16QAM	50	0	22.31	22.66	22.73	23.00
20	16QAM	50	24	22.38	22.65	22.74	23.00
20	16QAM	50	50	22.50	22.73	22.80	23.00
20	16QAM	100	0	22.40	22.67	22.76	23.00
20	64QAM	1	0	22.34	22.57	22.77	23.00
20	64QAM	1	49	22.33	22.56	22.66	23.00
20	64QAM	1	99	22.28	22.58	22.66	23.00
20	64QAM	50	0	21.52	21.73	21.81	22.00
20	64QAM	50	24	21.41	21.72	21.81	22.00
20	64QAM	50	50	21.47	21.79	21.97	22.00
20	64QAM	100	0	21.46	21.70	21.79	22.00
20	256QAM	1	0	19.13	19.45	19.52	20.00
20	256QAM	1	49	19.30	19.52	19.64	20.00
20	256QAM	1	99	19.33	19.56	19.71	20.00
20	256QAM	50	0	19.51	19.76	19.82	20.00
20	256QAM	50	24	19.44	19.74	19.86	20.00
20	256QAM	50	50	19.56	19.80	19.93	20.00
20	256QAM	100	0	19.43	19.70	19.87	20.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	24.48	24.63	24.93	25.00
15	QPSK	1	37	24.35	24.69	24.87	25.00



FCC SAR TEST REPORT

Report No. :FA503114B

15	QPSK	1	74	24.41	24.69	24.70	25.00
15	QPSK	36	0	23.35	23.63	23.84	24.00
15	QPSK	36	20	23.27	23.62	23.74	24.00
15	QPSK	36	39	23.33	23.62	23.76	24.00
15	QPSK	75	0	23.22	23.58	23.64	24.00
15	16QAM	1	0	23.61	23.94	23.90	24.00
15	16QAM	1	37	23.53	23.86	23.95	24.00
15	16QAM	1	74	23.63	23.82	23.85	24.00
15	16QAM	36	0	22.19	22.62	22.67	23.00
15	16QAM	36	20	22.27	22.61	22.60	23.00
15	16QAM	36	39	22.43	22.62	22.75	23.00
15	16QAM	75	0	22.28	22.64	22.74	23.00
15	64QAM	1	0	22.21	22.46	22.69	23.00
15	64QAM	1	37	22.28	22.43	22.65	23.00
15	64QAM	1	74	22.19	22.45	22.57	23.00
15	64QAM	36	0	21.40	21.59	21.73	22.00
15	64QAM	36	20	21.26	21.66	21.78	22.00
15	64QAM	36	39	21.41	21.65	21.91	22.00
15	64QAM	75	0	21.37	21.58	21.65	22.00
15	256QAM	1	0	19.03	19.35	19.51	20.00
15	256QAM	1	37	19.22	19.42	19.50	20.00
15	256QAM	1	74	19.30	19.43	19.60	20.00
15	256QAM	36	0	19.39	19.75	19.81	20.00
15	256QAM	36	20	19.39	19.66	19.78	20.00
15	256QAM	36	39	19.46	19.75	19.78	20.00
15	256QAM	75	0	19.40	19.63	19.76	20.00
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	24.46	24.63	24.91	25.00
10	QPSK	1	25	24.31	24.67	24.81	25.00
10	QPSK	1	49	24.37	24.59	24.74	25.00
10	QPSK	25	0	23.43	23.69	23.93	24.00
10	QPSK	25	12	23.23	23.59	23.71	24.00
10	QPSK	25	25	23.40	23.60	23.84	24.00
10	QPSK	50	0	23.29	23.66	23.62	24.00
10	16QAM	1	0	23.57	23.84	23.86	24.00
10	16QAM	1	25	23.50	23.89	23.92	24.00
10	16QAM	1	49	23.68	23.92	23.84	24.00
10	16QAM	25	0	22.18	22.55	22.66	23.00
10	16QAM	25	12	22.35	22.53	22.70	23.00
10	16QAM	25	25	22.40	22.60	22.76	23.00
10	16QAM	50	0	22.35	22.63	22.63	23.00
10	64QAM	1	0	22.27	22.45	22.69	23.00
10	64QAM	1	25	22.23	22.42	22.60	23.00
10	64QAM	1	49	22.21	22.45	22.58	23.00
10	64QAM	25	0	21.44	21.68	21.80	22.00
10	64QAM	25	12	21.27	21.67	21.73	22.00
10	64QAM	25	25	21.35	21.71	21.91	22.00
10	64QAM	50	0	21.38	21.60	21.68	22.00
10	256QAM	1	0	19.08	19.36	19.39	20.00
10	256QAM	1	25	19.24	19.48	19.52	20.00
10	256QAM	1	49	19.32	19.50	19.65	20.00
10	256QAM	25	0	19.36	19.69	19.67	20.00
10	256QAM	25	12	19.42	19.65	19.81	20.00
10	256QAM	25	25	19.49	19.74	19.92	20.00
10	256QAM	50	0	19.36	19.55	19.78	20.00
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	24.42	24.58	24.86	25.00
5	QPSK	1	12	24.28	24.64	24.87	25.00
5	QPSK	1	24	24.40	24.63	24.77	25.00
5	QPSK	12	0	23.42	23.73	23.88	24.00
5	QPSK	12	7	23.23	23.59	23.68	24.00
5	QPSK	12	13	23.37	23.63	23.85	24.00
5	QPSK	25	0	23.25	23.63	23.67	24.00
5	16QAM	1	0	23.59	23.88	23.88	24.00
5	16QAM	1	12	23.48	23.85	23.88	24.00
5	16QAM	1	24	23.67	23.83	23.97	24.00
5	16QAM	12	0	22.19	22.52	22.66	23.00
5	16QAM	12	7	22.32	22.60	22.64	23.00
5	16QAM	12	13	22.36	22.58	22.72	23.00
5	16QAM	25	0	22.28	22.54	22.65	23.00
5	64QAM	1	0	22.31	22.50	22.69	23.00
5	64QAM	1	12	22.20	22.48	22.53	23.00
5	64QAM	1	24	22.18	22.46	22.55	23.00
5	64QAM	12	0	21.50	21.61	21.69	22.00
5	64QAM	12	7	21.37	21.63	21.78	22.00
5	64QAM	12	13	21.41	21.70	21.93	22.00



FCC SAR TEST REPORT

Report No. :FA503114B

5	64QAM	25	0	21.33	21.55	21.75	22.00
5	256QAM	1	0	19.00	19.35	19.38	20.00
5	256QAM	1	12	19.18	19.44	19.58	20.00
5	256QAM	1	24	19.29	19.44	19.68	20.00
5	256QAM	12	0	19.48	19.63	19.75	20.00
5	256QAM	12	7	19.38	19.63	19.83	20.00
5	256QAM	12	13	19.51	19.71	19.92	20.00
5	256QAM	25	0	19.32	19.66	19.85	20.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	24.44	24.68	24.83	25.00
3	QPSK	1	8	24.34	24.58	24.77	25.00
3	QPSK	1	14	24.43	24.62	24.82	25.00
3	QPSK	8	0	23.39	23.71	23.80	24.00
3	QPSK	8	4	23.21	23.62	23.79	24.00
3	QPSK	8	7	23.32	23.58	23.78	24.00
3	QPSK	15	0	23.30	23.59	23.73	24.00
3	16QAM	1	0	23.59	23.88	23.99	24.00
3	16QAM	1	8	23.50	23.86	23.85	24.00
3	16QAM	1	14	23.58	23.88	23.96	24.00
3	16QAM	8	0	22.23	22.55	22.66	23.00
3	16QAM	8	4	22.36	22.57	22.61	23.00
3	16QAM	8	7	22.45	22.67	22.74	23.00
3	16QAM	15	0	22.28	22.55	22.72	23.00
3	64QAM	1	0	22.19	22.51	22.68	23.00
3	64QAM	1	8	22.30	22.50	22.59	23.00
3	64QAM	1	14	22.21	22.47	22.61	23.00
3	64QAM	8	0	21.43	21.62	21.67	22.00
3	64QAM	8	4	21.39	21.68	21.72	22.00
3	64QAM	8	7	21.36	21.64	21.91	22.00
3	64QAM	15	0	21.37	21.64	21.76	22.00
3	256QAM	1	0	19.03	19.33	19.43	20.00
3	256QAM	1	8	19.17	19.38	19.55	20.00
3	256QAM	1	14	19.31	19.48	19.63	20.00
3	256QAM	8	0	19.40	19.69	19.70	20.00
3	256QAM	8	4	19.36	19.73	19.84	20.00
3	256QAM	8	7	19.50	19.66	19.84	20.00
3	256QAM	15	0	19.42	19.64	19.74	20.00
Channel				131979	132322	132665	Tune-up limit
Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	24.35	24.60	24.92	25.00
1.4	QPSK	1	3	24.34	24.59	24.85	25.00
1.4	QPSK	1	5	24.40	24.57	24.70	25.00
1.4	QPSK	3	0	24.41	24.64	24.89	25.00
1.4	QPSK	3	1	24.27	24.62	24.75	25.00
1.4	QPSK	3	3	24.31	24.58	24.83	25.00
1.4	QPSK	6	0	23.32	23.54	23.63	24.00
1.4	16QAM	1	0	23.54	23.93	23.88	24.00
1.4	16QAM	1	3	23.58	23.90	23.97	24.00
1.4	16QAM	1	5	23.68	23.87	23.90	24.00
1.4	16QAM	3	0	23.17	23.58	23.62	24.00
1.4	16QAM	3	1	23.27	23.60	23.64	24.00
1.4	16QAM	3	3	23.40	23.61	23.76	24.00
1.4	16QAM	6	0	22.35	22.54	22.73	23.00
1.4	64QAM	1	0	22.33	22.43	22.63	23.00
1.4	64QAM	1	3	22.29	22.47	22.60	23.00
1.4	64QAM	1	5	22.19	22.54	22.52	23.00
1.4	64QAM	3	0	22.42	22.71	22.75	23.00
1.4	64QAM	3	1	22.27	22.66	22.78	23.00
1.4	64QAM	3	3	22.42	22.72	22.83	23.00
1.4	64QAM	6	0	21.36	21.61	21.70	22.00
1.4	256QAM	1	0	19.00	19.42	19.48	20.00
1.4	256QAM	1	3	19.18	19.41	19.53	20.00
1.4	256QAM	1	5	19.29	19.44	19.68	20.00
1.4	256QAM	3	0	19.38	19.62	19.68	20.00
1.4	256QAM	3	1	19.39	19.59	19.71	20.00
1.4	256QAM	3	3	19.47	19.76	19.87	20.00
1.4	256QAM	6	0	19.34	19.68	19.73	20.00

【LTE Band 66_Ant 5_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	24.71	24.79	24.85	25.00
20	QPSK	1	49	24.51	24.73	24.67	25.00
20	QPSK	1	99	24.48	24.66	24.77	25.00
20	QPSK	50	0	23.72	23.79	23.88	24.00
20	QPSK	50	24	23.53	23.78	23.82	24.00
20	QPSK	50	50	23.58	23.76	23.83	24.00
20	QPSK	100	0	23.64	23.78	23.79	24.00
20	16QAM	1	0	23.49	23.79	23.72	24.00
20	16QAM	1	49	23.61	23.96	23.87	24.00
20	16QAM	1	99	23.98	23.92	23.78	24.00
20	16QAM	50	0	22.50	22.78	22.79	23.00
20	16QAM	50	24	22.59	22.82	22.86	23.00
20	16QAM	50	50	22.62	22.79	22.86	23.00
20	16QAM	100	0	22.59	22.79	22.86	23.00
20	64QAM	1	0	22.46	22.75	22.84	23.00
20	64QAM	1	49	22.73	22.95	22.91	23.00
20	64QAM	1	99	22.81	22.92	22.87	23.00
20	64QAM	50	0	21.47	21.80	21.88	22.00
20	64QAM	50	24	21.64	21.80	21.92	22.00
20	64QAM	50	50	21.70	21.80	21.83	22.00
20	64QAM	100	0	21.64	21.77	21.76	22.00
20	256QAM	1	0	19.37	19.77	19.82	20.00
20	256QAM	1	49	19.59	19.83	19.89	20.00
20	256QAM	1	99	19.82	19.83	19.83	20.00
20	256QAM	50	0	19.50	19.81	19.83	20.00
20	256QAM	50	24	19.66	19.81	19.81	20.00
20	256QAM	50	50	19.62	19.80	19.81	20.00
20	256QAM	100	0	19.63	19.85	19.81	20.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	24.62	24.69	24.71	25.00
15	QPSK	1	37	24.47	24.66	24.56	25.00
15	QPSK	1	74	24.41	24.60	24.62	25.00
15	QPSK	36	0	23.51	23.70	23.86	24.00
15	QPSK	36	20	23.45	23.67	23.71	24.00
15	QPSK	36	39	23.58	23.65	23.76	24.00
15	QPSK	75	0	23.61	23.73	23.77	24.00
15	16QAM	1	0	23.47	23.74	23.59	24.00
15	16QAM	1	37	23.51	23.84	23.83	24.00
15	16QAM	1	74	23.91	23.90	23.74	24.00
15	16QAM	36	0	22.40	22.71	22.69	23.00
15	16QAM	36	20	22.47	22.81	22.73	23.00
15	16QAM	36	39	22.58	22.76	22.78	23.00
15	16QAM	75	0	22.53	22.64	22.77	23.00
15	64QAM	1	0	22.32	22.66	22.80	23.00
15	64QAM	1	37	22.60	22.89	22.81	23.00
15	64QAM	1	74	22.80	22.83	22.86	23.00
15	64QAM	36	0	21.46	21.66	21.76	22.00
15	64QAM	36	20	21.57	21.72	21.87	22.00
15	64QAM	36	39	21.57	21.68	21.78	22.00
15	64QAM	75	0	21.51	21.75	21.73	22.00
15	256QAM	1	0	19.33	19.67	19.71	20.00
15	256QAM	1	37	19.57	19.69	19.82	20.00
15	256QAM	1	74	19.77	19.76	19.77	20.00
15	256QAM	36	0	19.48	19.67	19.68	20.00
15	256QAM	36	20	19.55	19.77	19.69	20.00
15	256QAM	36	39	19.49	19.71	19.71	20.00
15	256QAM	75	0	19.53	19.75	19.79	20.00
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	24.70	24.68	24.70	25.00
10	QPSK	1	25	24.42	24.69	24.61	25.00
10	QPSK	1	49	24.46	24.53	24.64	25.00
10	QPSK	25	0	23.38	23.70	23.74	24.00
10	QPSK	25	12	23.51	23.76	23.73	24.00
10	QPSK	25	25	23.68	23.71	23.77	24.00
10	QPSK	50	0	23.50	23.74	23.78	24.00
10	16QAM	1	0	23.39	23.71	23.60	24.00
10	16QAM	1	25	23.52	23.93	23.83	24.00
10	16QAM	1	49	23.96	23.90	23.68	24.00
10	16QAM	25	0	22.45	22.67	22.73	23.00



FCC SAR TEST REPORT

Report No. :FA503114B

10	16QAM	25	12	22.48	22.76	22.78	23.00
10	16QAM	25	25	22.57	22.78	22.76	23.00
10	16QAM	50	0	22.51	22.66	22.83	23.00
10	64QAM	1	0	22.41	22.72	22.80	23.00
10	64QAM	1	25	22.71	22.82	22.82	23.00
10	64QAM	1	49	22.67	22.89	22.79	23.00
10	64QAM	25	0	21.34	21.70	21.75	22.00
10	64QAM	25	12	21.50	21.73	21.80	22.00
10	64QAM	25	25	21.61	21.67	21.72	22.00
10	64QAM	50	0	21.53	21.65	21.68	22.00
10	256QAM	1	0	19.29	19.69	19.79	20.00
10	256QAM	1	25	19.47	19.78	19.85	20.00
10	256QAM	1	49	19.70	19.72	19.75	20.00
10	256QAM	25	0	19.45	19.72	19.76	20.00
10	256QAM	25	12	19.55	19.74	19.70	20.00
10	256QAM	25	25	19.53	19.71	19.70	20.00
10	256QAM	50	0	19.58	19.83	19.78	20.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	24.59	24.66	24.83	25.00
5	QPSK	1	12	24.49	24.71	24.53	25.00
5	QPSK	1	24	24.35	24.52	24.72	25.00
5	QPSK	12	0	23.46	23.73	23.81	24.00
5	QPSK	12	7	23.45	23.69	23.75	24.00
5	QPSK	12	13	23.70	23.72	23.68	24.00
5	QPSK	25	0	23.59	23.68	23.70	24.00
5	16QAM	1	0	23.35	23.65	23.67	24.00
5	16QAM	1	12	23.51	23.90	23.85	24.00
5	16QAM	1	24	23.92	23.78	23.73	24.00
5	16QAM	12	0	22.46	22.71	22.74	23.00
5	16QAM	12	7	22.45	22.76	22.83	23.00
5	16QAM	12	13	22.58	22.64	22.75	23.00
5	16QAM	25	0	22.46	22.75	22.77	23.00
5	64QAM	1	0	22.44	22.63	22.71	23.00
5	64QAM	1	12	22.64	22.82	22.81	23.00
5	64QAM	1	24	22.77	22.81	22.78	23.00
5	64QAM	12	0	21.41	21.67	21.85	22.00
5	64QAM	12	7	21.54	21.66	21.86	22.00
5	64QAM	12	13	21.58	21.78	21.81	22.00
5	64QAM	25	0	21.50	21.75	21.73	22.00
5	256QAM	1	0	19.28	19.69	19.73	20.00
5	256QAM	1	12	19.56	19.72	19.75	20.00
5	256QAM	1	24	19.75	19.73	19.72	20.00
5	256QAM	12	0	19.41	19.71	19.81	20.00
5	256QAM	12	7	19.63	19.77	19.70	20.00
5	256QAM	12	13	19.49	19.66	19.72	20.00
5	256QAM	25	0	19.56	19.76	19.69	20.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	24.62	24.71	24.79	25.00
3	QPSK	1	8	24.43	24.62	24.59	25.00
3	QPSK	1	14	24.35	24.56	24.75	25.00
3	QPSK	8	0	23.46	23.72	23.82	24.00
3	QPSK	8	4	23.43	23.76	23.69	24.00
3	QPSK	8	7	23.70	23.72	23.74	24.00
3	QPSK	15	0	23.50	23.76	23.77	24.00
3	16QAM	1	0	23.42	23.75	23.58	24.00
3	16QAM	1	8	23.58	23.90	23.76	24.00
3	16QAM	1	14	23.88	23.88	23.73	24.00
3	16QAM	8	0	22.38	22.76	22.71	23.00
3	16QAM	8	4	22.48	22.80	22.76	23.00
3	16QAM	8	7	22.54	22.65	22.76	23.00
3	16QAM	15	0	22.56	22.67	22.81	23.00
3	64QAM	1	0	22.42	22.61	22.79	23.00
3	64QAM	1	8	22.60	22.91	22.86	23.00
3	64QAM	1	14	22.75	22.90	22.83	23.00
3	64QAM	8	0	21.45	21.75	21.76	22.00
3	64QAM	8	4	21.56	21.66	21.81	22.00
3	64QAM	8	7	21.69	21.78	21.80	22.00
3	64QAM	15	0	21.56	21.64	21.67	22.00
3	256QAM	1	0	19.27	19.72	19.72	20.00
3	256QAM	1	8	19.54	19.79	19.80	20.00
3	256QAM	1	14	19.69	19.70	19.76	20.00
3	256QAM	8	0	19.36	19.71	19.82	20.00
3	256QAM	8	4	19.53	19.66	19.77	20.00
3	256QAM	8	7	19.53	19.67	19.67	20.00
3	256QAM	15	0	19.50	19.74	19.67	20.00
Channel				131979	132322	132665	Tune-up limit

Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	24.65	24.76	24.71	25.00
1.4	QPSK	1	3	24.38	24.72	24.64	25.00
1.4	QPSK	1	5	24.39	24.61	24.63	25.00
1.4	QPSK	3	0	24.43	24.68	24.74	25.00
1.4	QPSK	3	1	24.39	24.74	24.79	25.00
1.4	QPSK	3	3	24.71	24.63	24.80	25.00
1.4	QPSK	6	0	23.53	23.65	23.68	24.00
1.4	16QAM	1	0	23.36	23.68	23.58	24.00
1.4	16QAM	1	3	23.47	23.88	23.81	24.00
1.4	16QAM	1	5	23.95	23.88	23.68	24.00
1.4	16QAM	3	0	23.47	23.74	23.69	24.00
1.4	16QAM	3	1	23.52	23.80	23.84	24.00
1.4	16QAM	3	3	23.54	23.69	23.77	24.00
1.4	16QAM	6	0	22.52	22.69	22.77	23.00
1.4	64QAM	1	0	22.44	22.60	22.71	23.00
1.4	64QAM	1	3	22.67	22.82	22.79	23.00
1.4	64QAM	1	5	22.74	22.91	22.83	23.00
1.4	64QAM	3	0	22.43	22.77	22.84	23.00
1.4	64QAM	3	1	22.60	22.73	22.81	23.00
1.4	64QAM	3	3	22.59	22.76	22.68	23.00
1.4	64QAM	6	0	21.50	21.62	21.66	22.00
1.4	256QAM	1	0	19.26	19.69	19.75	20.00
1.4	256QAM	1	3	19.55	19.79	19.84	20.00
1.4	256QAM	1	5	19.68	19.68	19.80	20.00
1.4	256QAM	3	0	19.41	19.73	19.68	20.00
1.4	256QAM	3	1	19.60	19.74	19.71	20.00
1.4	256QAM	3	3	19.54	19.77	19.73	20.00
1.4	256QAM	6	0	19.58	19.80	19.66	20.00

【LTE Band 66_Ant 5_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	24.71	24.79	24.85	25.00
20	QPSK	1	49	24.51	24.73	24.67	25.00
20	QPSK	1	99	24.48	24.66	24.77	25.00
20	QPSK	50	0	23.72	23.79	23.88	24.00
20	QPSK	50	24	23.53	23.78	23.82	24.00
20	QPSK	50	50	23.58	23.76	23.83	24.00
20	QPSK	100	0	23.64	23.78	23.79	24.00
20	16QAM	1	0	23.49	23.79	23.72	24.00
20	16QAM	1	49	23.61	23.96	23.87	24.00
20	16QAM	1	99	23.98	23.92	23.78	24.00
20	16QAM	50	0	22.50	22.78	22.79	23.00
20	16QAM	50	24	22.59	22.82	22.86	23.00
20	16QAM	50	50	22.62	22.79	22.86	23.00
20	16QAM	100	0	22.59	22.79	22.86	23.00
20	64QAM	1	0	22.46	22.75	22.84	23.00
20	64QAM	1	49	22.73	22.95	22.91	23.00
20	64QAM	1	99	22.81	22.92	22.87	23.00
20	64QAM	50	0	21.47	21.80	21.88	22.00
20	64QAM	50	24	21.64	21.80	21.92	22.00
20	64QAM	50	50	21.70	21.80	21.83	22.00
20	64QAM	100	0	21.64	21.77	21.76	22.00
20	256QAM	1	0	19.37	19.77	19.82	20.00
20	256QAM	1	49	19.59	19.83	19.89	20.00
20	256QAM	1	99	19.82	19.83	19.83	20.00
20	256QAM	50	0	19.50	19.81	19.83	20.00
20	256QAM	50	24	19.66	19.81	19.81	20.00
20	256QAM	50	50	19.62	19.80	19.81	20.00
20	256QAM	100	0	19.63	19.85	19.81	20.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	24.62	24.69	24.71	25.00
15	QPSK	1	37	24.47	24.66	24.56	25.00
15	QPSK	1	74	24.41	24.60	24.62	25.00
15	QPSK	36	0	23.51	23.70	23.86	24.00
15	QPSK	36	20	23.45	23.67	23.71	24.00
15	QPSK	36	39	23.58	23.65	23.76	24.00
15	QPSK	75	0	23.61	23.73	23.77	24.00
15	16QAM	1	0	23.47	23.74	23.59	24.00



FCC SAR TEST REPORT

Report No. :FA503114B

15	16QAM	1	37	23.51	23.84	23.83	24.00
15	16QAM	1	74	23.91	23.90	23.74	24.00
15	16QAM	36	0	22.40	22.71	22.69	23.00
15	16QAM	36	20	22.47	22.81	22.73	23.00
15	16QAM	36	39	22.58	22.76	22.78	23.00
15	16QAM	75	0	22.53	22.64	22.77	23.00
15	64QAM	1	0	22.32	22.66	22.80	23.00
15	64QAM	1	37	22.60	22.89	22.81	23.00
15	64QAM	1	74	22.80	22.83	22.86	23.00
15	64QAM	36	0	21.46	21.66	21.76	22.00
15	64QAM	36	20	21.57	21.72	21.87	22.00
15	64QAM	36	39	21.57	21.68	21.78	22.00
15	64QAM	75	0	21.51	21.75	21.73	22.00
15	256QAM	1	0	19.33	19.67	19.71	20.00
15	256QAM	1	37	19.57	19.69	19.82	20.00
15	256QAM	1	74	19.77	19.76	19.77	20.00
15	256QAM	36	0	19.48	19.67	19.68	20.00
15	256QAM	36	20	19.55	19.77	19.69	20.00
15	256QAM	36	39	19.49	19.71	19.71	20.00
15	256QAM	75	0	19.53	19.75	19.79	20.00
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	24.70	24.68	24.70	25.00
10	QPSK	1	25	24.42	24.69	24.61	25.00
10	QPSK	1	49	24.46	24.53	24.64	25.00
10	QPSK	25	0	23.38	23.70	23.74	24.00
10	QPSK	25	12	23.51	23.76	23.73	24.00
10	QPSK	25	25	23.68	23.71	23.77	24.00
10	QPSK	50	0	23.50	23.74	23.78	24.00
10	16QAM	1	0	23.39	23.71	23.60	24.00
10	16QAM	1	25	23.52	23.93	23.83	24.00
10	16QAM	1	49	23.96	23.90	23.68	24.00
10	16QAM	25	0	22.45	22.67	22.73	23.00
10	16QAM	25	12	22.48	22.76	22.78	23.00
10	16QAM	25	25	22.57	22.78	22.76	23.00
10	16QAM	50	0	22.51	22.66	22.83	23.00
10	64QAM	1	0	22.41	22.72	22.80	23.00
10	64QAM	1	25	22.71	22.82	22.82	23.00
10	64QAM	1	49	22.67	22.89	22.79	23.00
10	64QAM	25	0	21.34	21.70	21.75	22.00
10	64QAM	25	12	21.50	21.73	21.80	22.00
10	64QAM	25	25	21.61	21.67	21.72	22.00
10	64QAM	50	0	21.53	21.65	21.68	22.00
10	256QAM	1	0	19.29	19.69	19.79	20.00
10	256QAM	1	25	19.47	19.78	19.85	20.00
10	256QAM	1	49	19.70	19.72	19.75	20.00
10	256QAM	25	0	19.45	19.72	19.76	20.00
10	256QAM	25	12	19.55	19.74	19.70	20.00
10	256QAM	25	25	19.53	19.71	19.70	20.00
10	256QAM	50	0	19.58	19.83	19.78	20.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	24.59	24.66	24.83	25.00
5	QPSK	1	12	24.49	24.71	24.53	25.00
5	QPSK	1	24	24.35	24.52	24.72	25.00
5	QPSK	12	0	23.46	23.73	23.81	24.00
5	QPSK	12	7	23.45	23.69	23.75	24.00
5	QPSK	12	13	23.70	23.72	23.68	24.00
5	QPSK	25	0	23.59	23.68	23.70	24.00
5	16QAM	1	0	23.35	23.65	23.67	24.00
5	16QAM	1	12	23.51	23.90	23.85	24.00
5	16QAM	1	24	23.92	23.78	23.73	24.00
5	16QAM	12	0	22.46	22.71	22.74	23.00
5	16QAM	12	7	22.45	22.76	22.83	23.00
5	16QAM	12	13	22.58	22.64	22.75	23.00
5	16QAM	25	0	22.46	22.75	22.77	23.00
5	64QAM	1	0	22.44	22.63	22.71	23.00
5	64QAM	1	12	22.64	22.82	22.81	23.00
5	64QAM	1	24	22.77	22.81	22.78	23.00
5	64QAM	12	0	21.41	21.67	21.85	22.00
5	64QAM	12	7	21.54	21.66	21.86	22.00
5	64QAM	12	13	21.58	21.78	21.81	22.00
5	64QAM	25	0	21.50	21.75	21.73	22.00
5	256QAM	1	0	19.28	19.69	19.73	20.00
5	256QAM	1	12	19.56	19.72	19.75	20.00
5	256QAM	1	24	19.75	19.73	19.72	20.00
5	256QAM	12	0	19.41	19.71	19.81	20.00
5	256QAM	12	7	19.63	19.77	19.70	20.00

5	256QAM	12	13	19.49	19.66	19.72	20.00
5	256QAM	25	0	19.56	19.76	19.69	20.00
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	24.62	24.71	24.79	25.00
3	QPSK	1	8	24.43	24.62	24.59	25.00
3	QPSK	1	14	24.35	24.56	24.75	25.00
3	QPSK	8	0	23.46	23.72	23.82	24.00
3	QPSK	8	4	23.43	23.76	23.69	24.00
3	QPSK	8	7	23.70	23.72	23.74	24.00
3	QPSK	15	0	23.50	23.76	23.77	24.00
3	16QAM	1	0	23.42	23.75	23.58	24.00
3	16QAM	1	8	23.58	23.90	23.76	24.00
3	16QAM	1	14	23.88	23.88	23.73	24.00
3	16QAM	8	0	22.38	22.76	22.71	23.00
3	16QAM	8	4	22.48	22.80	22.76	23.00
3	16QAM	8	7	22.54	22.65	22.76	23.00
3	16QAM	15	0	22.56	22.67	22.81	23.00
3	64QAM	1	0	22.42	22.61	22.79	23.00
3	64QAM	1	8	22.60	22.91	22.86	23.00
3	64QAM	1	14	22.75	22.90	22.83	23.00
3	64QAM	8	0	21.45	21.75	21.76	22.00
3	64QAM	8	4	21.56	21.66	21.81	22.00
3	64QAM	8	7	21.69	21.78	21.80	22.00
3	64QAM	15	0	21.56	21.64	21.67	22.00
3	256QAM	1	0	19.27	19.72	19.72	20.00
3	256QAM	1	8	19.54	19.79	19.80	20.00
3	256QAM	1	14	19.69	19.70	19.76	20.00
3	256QAM	8	0	19.36	19.71	19.82	20.00
3	256QAM	8	4	19.53	19.66	19.77	20.00
3	256QAM	8	7	19.53	19.67	19.67	20.00
3	256QAM	15	0	19.50	19.74	19.67	20.00
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	24.65	24.76	24.71	25.00
1.4	QPSK	1	3	24.38	24.72	24.64	25.00
1.4	QPSK	1	5	24.39	24.61	24.63	25.00
1.4	QPSK	3	0	24.43	24.68	24.74	25.00
1.4	QPSK	3	1	24.39	24.74	24.79	25.00
1.4	QPSK	3	3	24.71	24.63	24.80	25.00
1.4	QPSK	6	0	23.53	23.65	23.68	24.00
1.4	16QAM	1	0	23.36	23.68	23.58	24.00
1.4	16QAM	1	3	23.47	23.88	23.81	24.00
1.4	16QAM	1	5	23.95	23.88	23.68	24.00
1.4	16QAM	3	0	23.47	23.74	23.69	24.00
1.4	16QAM	3	1	23.52	23.80	23.84	24.00
1.4	16QAM	3	3	23.54	23.69	23.77	24.00
1.4	16QAM	6	0	22.52	22.69	22.77	23.00
1.4	64QAM	1	0	22.44	22.60	22.71	23.00
1.4	64QAM	1	3	22.67	22.82	22.79	23.00
1.4	64QAM	1	5	22.74	22.91	22.83	23.00
1.4	64QAM	3	0	22.43	22.77	22.84	23.00
1.4	64QAM	3	1	22.60	22.73	22.81	23.00
1.4	64QAM	3	3	22.59	22.76	22.68	23.00
1.4	64QAM	6	0	21.50	21.62	21.66	22.00
1.4	256QAM	1	0	19.26	19.69	19.75	20.00
1.4	256QAM	1	3	19.55	19.79	19.84	20.00
1.4	256QAM	1	5	19.68	19.68	19.80	20.00
1.4	256QAM	3	0	19.41	19.73	19.68	20.00
1.4	256QAM	3	1	19.60	19.74	19.71	20.00
1.4	256QAM	3	3	19.54	19.77	19.73	20.00
1.4	256QAM	6	0	19.58	19.80	19.66	20.00

【LTE Band 66_Ant 5_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	24.71	24.79	24.85	25.00
20	QPSK	1	49	24.51	24.73	24.67	25.00
20	QPSK	1	99	24.48	24.66	24.77	25.00
20	QPSK	50	0	23.52	23.79	23.88	24.00
20	QPSK	50	24	23.53	23.79	23.82	24.00



FCC SAR TEST REPORT

Report No. :FA503114B

20	QPSK	50	50	23.72	23.76	23.83	24.00
20	QPSK	100	0	23.64	23.78	23.79	24.00
20	16QAM	1	0	23.49	23.79	23.72	24.00
20	16QAM	1	49	23.61	23.96	23.87	24.00
20	16QAM	1	99	23.98	23.92	23.78	24.00
20	16QAM	50	0	22.50	22.78	22.79	23.00
20	16QAM	50	24	22.59	22.82	22.86	23.00
20	16QAM	50	50	22.62	22.79	22.86	23.00
20	16QAM	100	0	22.59	22.79	22.86	23.00
20	64QAM	1	0	22.46	22.75	22.84	23.00
20	64QAM	1	49	22.73	22.95	22.91	23.00
20	64QAM	1	99	22.81	22.92	22.87	23.00
20	64QAM	50	0	21.47	21.80	21.88	22.00
20	64QAM	50	24	21.64	21.80	21.92	22.00
20	64QAM	50	50	21.70	21.80	21.83	22.00
20	64QAM	100	0	21.64	21.77	21.76	22.00
20	256QAM	1	0	19.37	19.77	19.82	20.00
20	256QAM	1	49	19.59	19.83	19.89	20.00
20	256QAM	1	99	19.82	19.83	19.83	20.00
20	256QAM	50	0	19.50	19.81	19.83	20.00
20	256QAM	50	24	19.66	19.81	19.81	20.00
20	256QAM	50	50	19.62	19.80	19.81	20.00
20	256QAM	100	0	19.63	19.85	19.81	20.00
Channel				132047	132322	132597	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	QPSK	1	0	24.62	24.69	24.71	25.00
15	QPSK	1	37	24.47	24.66	24.56	25.00
15	QPSK	1	74	24.41	24.60	24.62	25.00
15	QPSK	36	0	23.51	23.70	23.86	24.00
15	QPSK	36	20	23.45	23.67	23.71	24.00
15	QPSK	36	39	23.58	23.65	23.76	24.00
15	QPSK	75	0	23.61	23.73	23.77	24.00
15	16QAM	1	0	23.47	23.74	23.59	24.00
15	16QAM	1	37	23.51	23.84	23.83	24.00
15	16QAM	1	74	23.91	23.90	23.74	24.00
15	16QAM	36	0	22.40	22.71	22.69	23.00
15	16QAM	36	20	22.47	22.81	22.73	23.00
15	16QAM	36	39	22.58	22.76	22.78	23.00
15	16QAM	75	0	22.53	22.64	22.77	23.00
15	64QAM	1	0	22.32	22.66	22.80	23.00
15	64QAM	1	37	22.60	22.89	22.81	23.00
15	64QAM	1	74	22.80	22.83	22.86	23.00
15	64QAM	36	0	21.46	21.66	21.76	22.00
15	64QAM	36	20	21.57	21.72	21.87	22.00
15	64QAM	36	39	21.57	21.68	21.78	22.00
15	64QAM	75	0	21.51	21.75	21.73	22.00
15	256QAM	1	0	19.33	19.67	19.71	20.00
15	256QAM	1	37	19.57	19.69	19.82	20.00
15	256QAM	1	74	19.77	19.76	19.77	20.00
15	256QAM	36	0	19.48	19.67	19.68	20.00
15	256QAM	36	20	19.55	19.77	19.69	20.00
15	256QAM	36	39	19.49	19.71	19.71	20.00
15	256QAM	75	0	19.53	19.75	19.79	20.00
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	24.70	24.68	24.70	25.00
10	QPSK	1	25	24.42	24.69	24.61	25.00
10	QPSK	1	49	24.46	24.53	24.64	25.00
10	QPSK	25	0	23.38	23.70	23.74	24.00
10	QPSK	25	12	23.51	23.76	23.73	24.00
10	QPSK	25	25	23.68	23.71	23.77	24.00
10	QPSK	50	0	23.50	23.74	23.78	24.00
10	16QAM	1	0	23.39	23.71	23.60	24.00
10	16QAM	1	25	23.52	23.93	23.83	24.00
10	16QAM	1	49	23.96	23.90	23.68	24.00
10	16QAM	25	0	22.45	22.67	22.73	23.00
10	16QAM	25	12	22.48	22.76	22.78	23.00
10	16QAM	25	25	22.57	22.78	22.76	23.00
10	16QAM	50	0	22.51	22.66	22.83	23.00
10	64QAM	1	0	22.41	22.72	22.80	23.00
10	64QAM	1	25	22.71	22.82	22.82	23.00
10	64QAM	1	49	22.67	22.89	22.79	23.00
10	64QAM	25	0	21.34	21.70	21.75	22.00
10	64QAM	25	12	21.50	21.73	21.80	22.00
10	64QAM	25	25	21.61	21.67	21.72	22.00
10	64QAM	50	0	21.53	21.65	21.68	22.00
10	256QAM	1	0	19.29	19.69	19.79	20.00
10	256QAM	1	25	19.47	19.78	19.85	20.00

10	256QAM	1	49	19.70	19.72	19.75	20.00
10	256QAM	25	0	19.45	19.72	19.76	20.00
10	256QAM	25	12	19.55	19.74	19.70	20.00
10	256QAM	25	25	19.53	19.71	19.70	20.00
10	256QAM	50	0	19.58	19.83	19.78	20.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	24.59	24.66	24.83	25.00
5	QPSK	1	12	24.49	24.71	24.53	25.00
5	QPSK	1	24	24.35	24.52	24.72	25.00
5	QPSK	12	0	23.46	23.73	23.81	24.00
5	QPSK	12	7	23.45	23.69	23.75	24.00
5	QPSK	12	13	23.70	23.72	23.68	24.00
5	QPSK	25	0	23.59	23.68	23.70	24.00
5	16QAM	1	0	23.35	23.65	23.67	24.00
5	16QAM	1	12	23.51	23.90	23.85	24.00
5	16QAM	1	24	23.92	23.78	23.73	24.00
5	16QAM	12	0	22.46	22.71	22.74	23.00
5	16QAM	12	7	22.45	22.76	22.83	23.00
5	16QAM	12	13	22.58	22.64	22.75	23.00
5	16QAM	25	0	22.46	22.75	22.77	23.00
5	64QAM	1	0	22.44	22.63	22.71	23.00
5	64QAM	1	12	22.64	22.82	22.81	23.00
5	64QAM	1	24	22.77	22.81	22.78	23.00
5	64QAM	12	0	21.41	21.67	21.85	22.00
5	64QAM	12	7	21.54	21.66	21.86	22.00
5	64QAM	12	13	21.58	21.78	21.81	22.00
5	64QAM	25	0	21.50	21.75	21.73	22.00
5	256QAM	1	0	19.28	19.69	19.73	20.00
5	256QAM	1	12	19.56	19.72	19.75	20.00
5	256QAM	1	24	19.75	19.73	19.72	20.00
5	256QAM	12	0	19.41	19.71	19.81	20.00
5	256QAM	12	7	19.63	19.77	19.70	20.00
5	256QAM	12	13	19.49	19.66	19.72	20.00
5	256QAM	25	0	19.56	19.76	19.69	20.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	24.62	24.71	24.79	25.00
3	QPSK	1	8	24.43	24.62	24.59	25.00
3	QPSK	1	14	24.35	24.56	24.75	25.00
3	QPSK	8	0	23.46	23.72	23.82	24.00
3	QPSK	8	4	23.43	23.76	23.69	24.00
3	QPSK	8	7	23.70	23.72	23.74	24.00
3	QPSK	15	0	23.50	23.76	23.77	24.00
3	16QAM	1	0	23.42	23.75	23.58	24.00
3	16QAM	1	8	23.58	23.90	23.76	24.00
3	16QAM	1	14	23.88	23.88	23.73	24.00
3	16QAM	8	0	22.38	22.76	22.71	23.00
3	16QAM	8	4	22.48	22.80	22.76	23.00
3	16QAM	8	7	22.54	22.65	22.76	23.00
3	16QAM	15	0	22.56	22.67	22.81	23.00
3	64QAM	1	0	22.42	22.61	22.79	23.00
3	64QAM	1	8	22.60	22.91	22.86	23.00
3	64QAM	1	14	22.75	22.90	22.83	23.00
3	64QAM	8	0	21.45	21.75	21.76	22.00
3	64QAM	8	4	21.56	21.66	21.81	22.00
3	64QAM	8	7	21.69	21.78	21.80	22.00
3	64QAM	15	0	21.56	21.64	21.67	22.00
3	256QAM	1	0	19.27	19.72	19.72	20.00
3	256QAM	1	8	19.54	19.79	19.80	20.00
3	256QAM	1	14	19.69	19.70	19.76	20.00
3	256QAM	8	0	19.36	19.71	19.82	20.00
3	256QAM	8	4	19.53	19.66	19.77	20.00
3	256QAM	8	7	19.53	19.67	19.67	20.00
3	256QAM	15	0	19.50	19.74	19.67	20.00
Channel				131979	132322	132665	Tune-up limit
Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	24.65	24.76	24.71	25.00
1.4	QPSK	1	3	24.38	24.72	24.64	25.00
1.4	QPSK	1	5	24.39	24.61	24.63	25.00
1.4	QPSK	3	0	24.43	24.68	24.74	25.00
1.4	QPSK	3	1	24.39	24.74	24.79	25.00
1.4	QPSK	3	3	24.71	24.63	24.80	25.00
1.4	QPSK	6	0	23.53	23.65	23.68	24.00
1.4	16QAM	1	0	23.36	23.68	23.58	24.00
1.4	16QAM	1	3	23.47	23.88	23.81	24.00
1.4	16QAM	1	5	23.95	23.88	23.68	24.00
1.4	16QAM	3	0	23.47	23.74	23.69	24.00

1.4	16QAM	3	1	23.52	23.80	23.84	24.00
1.4	16QAM	3	3	23.54	23.69	23.77	24.00
1.4	16QAM	6	0	22.52	22.69	22.77	23.00
1.4	64QAM	1	0	22.44	22.60	22.71	23.00
1.4	64QAM	1	3	22.67	22.82	22.79	23.00
1.4	64QAM	1	5	22.74	22.91	22.83	23.00
1.4	64QAM	3	0	22.43	22.77	22.84	23.00
1.4	64QAM	3	1	22.60	22.73	22.81	23.00
1.4	64QAM	3	3	22.59	22.76	22.68	23.00
1.4	64QAM	6	0	21.50	21.62	21.66	22.00
1.4	256QAM	1	0	19.26	19.69	19.75	20.00
1.4	256QAM	1	3	19.55	19.79	19.84	20.00
1.4	256QAM	1	5	19.68	19.68	19.80	20.00
1.4	256QAM	3	0	19.41	19.73	19.68	20.00
1.4	256QAM	3	1	19.60	19.74	19.71	20.00
1.4	256QAM	3	3	19.54	19.77	19.73	20.00
1.4	256QAM	6	0	19.58	19.80	19.66	20.00

【LTE Band 66_Ant 5_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	24.71	24.79	24.85	25.00
20	QPSK	1	49	24.51	24.73	24.67	25.00
20	QPSK	1	99	24.48	24.66	24.77	25.00
20	QPSK	50	0	23.72	23.79	23.88	24.00
20	QPSK	50	24	23.53	23.78	23.82	24.00
20	QPSK	50	50	23.58	23.76	23.83	24.00
20	QPSK	100	0	23.64	23.78	23.79	24.00
20	16QAM	1	0	23.49	23.79	23.72	24.00
20	16QAM	1	49	23.61	23.96	23.87	24.00
20	16QAM	1	99	23.98	23.92	23.78	24.00
20	16QAM	50	0	22.50	22.78	22.79	23.00
20	16QAM	50	24	22.59	22.82	22.86	23.00
20	16QAM	50	50	22.62	22.79	22.86	23.00
20	16QAM	100	0	22.59	22.79	22.86	23.00
20	64QAM	1	0	22.46	22.75	22.84	23.00
20	64QAM	1	49	22.73	22.95	22.91	23.00
20	64QAM	1	99	22.81	22.92	22.87	23.00
20	64QAM	50	0	21.47	21.80	21.88	22.00
20	64QAM	50	24	21.64	21.80	21.92	22.00
20	64QAM	50	50	21.70	21.80	21.83	22.00
20	64QAM	100	0	21.64	21.77	21.76	22.00
20	256QAM	1	0	19.37	19.77	19.82	20.00
20	256QAM	1	49	19.59	19.83	19.89	20.00
20	256QAM	1	99	19.82	19.83	19.83	20.00
20	256QAM	50	0	19.50	19.81	19.83	20.00
20	256QAM	50	24	19.66	19.81	19.81	20.00
20	256QAM	50	50	19.62	19.80	19.81	20.00
20	256QAM	100	0	19.63	19.85	19.81	20.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	24.62	24.69	24.71	25.00
15	QPSK	1	37	24.47	24.66	24.56	25.00
15	QPSK	1	74	24.41	24.60	24.62	25.00
15	QPSK	36	0	23.51	23.70	23.86	24.00
15	QPSK	36	20	23.45	23.67	23.71	24.00
15	QPSK	36	39	23.58	23.65	23.76	24.00
15	QPSK	75	0	23.61	23.73	23.77	24.00
15	16QAM	1	0	23.47	23.74	23.59	24.00
15	16QAM	1	37	23.51	23.84	23.83	24.00
15	16QAM	1	74	23.91	23.90	23.74	24.00
15	16QAM	36	0	22.40	22.71	22.69	23.00
15	16QAM	36	20	22.47	22.81	22.73	23.00
15	16QAM	36	39	22.58	22.76	22.78	23.00
15	16QAM	75	0	22.53	22.64	22.77	23.00
15	64QAM	1	0	22.32	22.66	22.80	23.00
15	64QAM	1	37	22.60	22.89	22.81	23.00
15	64QAM	1	74	22.80	22.83	22.86	23.00
15	64QAM	36	0	21.46	21.66	21.76	22.00
15	64QAM	36	20	21.57	21.72	21.87	22.00
15	64QAM	36	39	21.57	21.68	21.78	22.00



FCC SAR TEST REPORT

Report No. :FA503114B

15	64QAM	75	0	21.51	21.75	21.73	22.00
15	256QAM	1	0	19.33	19.67	19.71	20.00
15	256QAM	1	37	19.57	19.69	19.82	20.00
15	256QAM	1	74	19.77	19.76	19.77	20.00
15	256QAM	36	0	19.48	19.67	19.68	20.00
15	256QAM	36	20	19.55	19.77	19.69	20.00
15	256QAM	36	39	19.49	19.71	19.71	20.00
15	256QAM	75	0	19.53	19.75	19.79	20.00
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	24.70	24.68	24.70	25.00
10	QPSK	1	25	24.42	24.69	24.61	25.00
10	QPSK	1	49	24.46	24.53	24.64	25.00
10	QPSK	25	0	23.38	23.70	23.74	24.00
10	QPSK	25	12	23.51	23.76	23.73	24.00
10	QPSK	25	25	23.68	23.71	23.77	24.00
10	QPSK	50	0	23.50	23.74	23.78	24.00
10	16QAM	1	0	23.39	23.71	23.60	24.00
10	16QAM	1	25	23.52	23.93	23.83	24.00
10	16QAM	1	49	23.96	23.90	23.68	24.00
10	16QAM	25	0	22.45	22.67	22.73	23.00
10	16QAM	25	12	22.48	22.76	22.78	23.00
10	16QAM	25	25	22.57	22.78	22.76	23.00
10	16QAM	50	0	22.51	22.66	22.83	23.00
10	64QAM	1	0	22.41	22.72	22.80	23.00
10	64QAM	1	25	22.71	22.82	22.82	23.00
10	64QAM	1	49	22.67	22.89	22.79	23.00
10	64QAM	25	0	21.34	21.70	21.75	22.00
10	64QAM	25	12	21.50	21.73	21.80	22.00
10	64QAM	25	25	21.61	21.67	21.72	22.00
10	64QAM	50	0	21.53	21.65	21.68	22.00
10	256QAM	1	0	19.29	19.69	19.79	20.00
10	256QAM	1	25	19.47	19.78	19.85	20.00
10	256QAM	1	49	19.70	19.72	19.75	20.00
10	256QAM	25	0	19.45	19.72	19.76	20.00
10	256QAM	25	12	19.55	19.74	19.70	20.00
10	256QAM	25	25	19.53	19.71	19.70	20.00
10	256QAM	50	0	19.58	19.83	19.78	20.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	24.59	24.66	24.83	25.00
5	QPSK	1	12	24.49	24.71	24.53	25.00
5	QPSK	1	24	24.35	24.52	24.72	25.00
5	QPSK	12	0	23.46	23.73	23.81	24.00
5	QPSK	12	7	23.45	23.69	23.75	24.00
5	QPSK	12	13	23.70	23.72	23.68	24.00
5	QPSK	25	0	23.59	23.68	23.70	24.00
5	16QAM	1	0	23.35	23.65	23.67	24.00
5	16QAM	1	12	23.51	23.90	23.85	24.00
5	16QAM	1	24	23.92	23.78	23.73	24.00
5	16QAM	12	0	22.46	22.71	22.74	23.00
5	16QAM	12	7	22.45	22.76	22.83	23.00
5	16QAM	12	13	22.58	22.64	22.75	23.00
5	16QAM	25	0	22.46	22.75	22.77	23.00
5	64QAM	1	0	22.44	22.63	22.71	23.00
5	64QAM	1	12	22.64	22.82	22.81	23.00
5	64QAM	1	24	22.77	22.81	22.78	23.00
5	64QAM	12	0	21.41	21.67	21.85	22.00
5	64QAM	12	7	21.54	21.66	21.86	22.00
5	64QAM	12	13	21.58	21.78	21.81	22.00
5	64QAM	25	0	21.50	21.75	21.73	22.00
5	256QAM	1	0	19.28	19.69	19.73	20.00
5	256QAM	1	12	19.56	19.72	19.75	20.00
5	256QAM	1	24	19.75	19.73	19.72	20.00
5	256QAM	12	0	19.41	19.71	19.81	20.00
5	256QAM	12	7	19.63	19.77	19.70	20.00
5	256QAM	12	13	19.49	19.66	19.72	20.00
5	256QAM	25	0	19.56	19.76	19.69	20.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	24.62	24.71	24.79	25.00
3	QPSK	1	8	24.43	24.62	24.59	25.00
3	QPSK	1	14	24.35	24.56	24.75	25.00
3	QPSK	8	0	23.46	23.72	23.82	24.00
3	QPSK	8	4	23.43	23.76	23.69	24.00
3	QPSK	8	7	23.70	23.72	23.74	24.00
3	QPSK	15	0	23.50	23.76	23.77	24.00
3	16QAM	1	0	23.42	23.75	23.58	24.00

3	16QAM	1	8	23.58	23.90	23.76	24.00
3	16QAM	1	14	23.88	23.88	23.73	24.00
3	16QAM	8	0	22.38	22.76	22.71	23.00
3	16QAM	8	4	22.48	22.80	22.76	23.00
3	16QAM	8	7	22.54	22.65	22.76	23.00
3	16QAM	15	0	22.56	22.67	22.81	23.00
3	64QAM	1	0	22.42	22.61	22.79	23.00
3	64QAM	1	8	22.60	22.91	22.86	23.00
3	64QAM	1	14	22.75	22.90	22.83	23.00
3	64QAM	8	0	21.45	21.75	21.76	22.00
3	64QAM	8	4	21.56	21.66	21.81	22.00
3	64QAM	8	7	21.69	21.78	21.80	22.00
3	64QAM	15	0	21.56	21.64	21.67	22.00
3	256QAM	1	0	19.27	19.72	19.72	20.00
3	256QAM	1	8	19.54	19.79	19.80	20.00
3	256QAM	1	14	19.69	19.70	19.76	20.00
3	256QAM	8	0	19.36	19.71	19.82	20.00
3	256QAM	8	4	19.53	19.66	19.77	20.00
3	256QAM	8	7	19.53	19.67	19.67	20.00
3	256QAM	15	0	19.50	19.74	19.67	20.00
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	24.65	24.76	24.71	25.00
1.4	QPSK	1	3	24.38	24.72	24.64	25.00
1.4	QPSK	1	5	24.39	24.61	24.63	25.00
1.4	QPSK	3	0	24.43	24.68	24.74	25.00
1.4	QPSK	3	1	24.39	24.74	24.79	25.00
1.4	QPSK	3	3	24.71	24.63	24.80	25.00
1.4	QPSK	6	0	23.53	23.65	23.68	24.00
1.4	16QAM	1	0	23.36	23.68	23.58	24.00
1.4	16QAM	1	3	23.47	23.88	23.81	24.00
1.4	16QAM	1	5	23.95	23.88	23.68	24.00
1.4	16QAM	3	0	23.47	23.74	23.69	24.00
1.4	16QAM	3	1	23.52	23.80	23.84	24.00
1.4	16QAM	3	3	23.54	23.69	23.77	24.00
1.4	16QAM	6	0	22.52	22.69	22.77	23.00
1.4	64QAM	1	0	22.44	22.60	22.71	23.00
1.4	64QAM	1	3	22.67	22.82	22.79	23.00
1.4	64QAM	1	5	22.74	22.91	22.83	23.00
1.4	64QAM	3	0	22.43	22.77	22.84	23.00
1.4	64QAM	3	1	22.60	22.73	22.81	23.00
1.4	64QAM	3	3	22.59	22.76	22.68	23.00
1.4	64QAM	6	0	21.50	21.62	21.66	22.00
1.4	256QAM	1	0	19.26	19.69	19.75	20.00
1.4	256QAM	1	3	19.55	19.79	19.84	20.00
1.4	256QAM	1	5	19.68	19.68	19.80	20.00
1.4	256QAM	3	0	19.41	19.73	19.68	20.00
1.4	256QAM	3	1	19.60	19.74	19.71	20.00
1.4	256QAM	3	3	19.54	19.77	19.73	20.00
1.4	256QAM	6	0	19.58	19.80	19.66	20.00

【LTE Band 66_Ant 5_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	24.71	24.79	24.85	25.00
20	QPSK	1	49	24.51	24.73	24.67	25.00
20	QPSK	1	99	24.48	24.66	24.77	25.00
20	QPSK	50	0	23.72	23.79	23.88	24.00
20	QPSK	50	24	23.53	23.78	23.82	24.00
20	QPSK	50	50	23.58	23.76	23.83	24.00
20	QPSK	100	0	23.64	23.78	23.79	24.00
20	16QAM	1	0	23.49	23.79	23.72	24.00
20	16QAM	1	49	23.61	23.96	23.87	24.00
20	16QAM	1	99	23.98	23.92	23.78	24.00
20	16QAM	50	0	22.50	22.78	22.79	23.00
20	16QAM	50	24	22.59	22.82	22.86	23.00
20	16QAM	50	50	22.62	22.79	22.86	23.00
20	16QAM	100	0	22.59	22.79	22.86	23.00
20	64QAM	1	0	22.46	22.75	22.84	23.00
20	64QAM	1	49	22.73	22.95	22.91	23.00
20	64QAM	1	99	22.81	22.92	22.87	23.00

20	64QAM	50	0	21.47	21.80	21.88	22.00
20	64QAM	50	24	21.64	21.80	21.92	22.00
20	64QAM	50	50	21.70	21.80	21.83	22.00
20	64QAM	100	0	21.64	21.77	21.76	22.00
20	256QAM	1	0	19.37	19.77	19.82	20.00
20	256QAM	1	49	19.59	19.83	19.89	20.00
20	256QAM	1	99	19.82	19.83	19.83	20.00
20	256QAM	50	0	19.50	19.81	19.83	20.00
20	256QAM	50	24	19.66	19.81	19.81	20.00
20	256QAM	50	50	19.62	19.80	19.81	20.00
20	256QAM	100	0	19.63	19.85	19.81	20.00
Channel				132047	132322	132597	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	QPSK	1	0	24.62	24.69	24.71	25.00
15	QPSK	1	37	24.47	24.66	24.56	25.00
15	QPSK	1	74	24.41	24.60	24.62	25.00
15	QPSK	36	0	23.51	23.70	23.86	24.00
15	QPSK	36	20	23.45	23.67	23.71	24.00
15	QPSK	36	39	23.58	23.65	23.76	24.00
15	QPSK	75	0	23.61	23.73	23.77	24.00
15	16QAM	1	0	23.47	23.74	23.59	24.00
15	16QAM	1	37	23.51	23.84	23.83	24.00
15	16QAM	1	74	23.91	23.90	23.74	24.00
15	16QAM	36	0	22.40	22.71	22.69	23.00
15	16QAM	36	20	22.47	22.81	22.73	23.00
15	16QAM	36	39	22.58	22.76	22.78	23.00
15	16QAM	75	0	22.53	22.64	22.77	23.00
15	64QAM	1	0	22.32	22.66	22.80	23.00
15	64QAM	1	37	22.60	22.89	22.81	23.00
15	64QAM	1	74	22.80	22.83	22.86	23.00
15	64QAM	36	0	21.46	21.66	21.76	22.00
15	64QAM	36	20	21.57	21.72	21.87	22.00
15	64QAM	36	39	21.57	21.68	21.78	22.00
15	64QAM	75	0	21.51	21.75	21.73	22.00
15	256QAM	1	0	19.33	19.67	19.71	20.00
15	256QAM	1	37	19.57	19.69	19.82	20.00
15	256QAM	1	74	19.77	19.76	19.77	20.00
15	256QAM	36	0	19.48	19.67	19.68	20.00
15	256QAM	36	20	19.55	19.77	19.69	20.00
15	256QAM	36	39	19.49	19.71	19.71	20.00
15	256QAM	75	0	19.53	19.75	19.79	20.00
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	24.70	24.68	24.70	25.00
10	QPSK	1	25	24.42	24.69	24.61	25.00
10	QPSK	1	49	24.46	24.53	24.64	25.00
10	QPSK	25	0	23.38	23.70	23.74	24.00
10	QPSK	25	12	23.51	23.76	23.73	24.00
10	QPSK	25	25	23.68	23.71	23.77	24.00
10	QPSK	50	0	23.50	23.74	23.78	24.00
10	16QAM	1	0	23.39	23.71	23.60	24.00
10	16QAM	1	25	23.52	23.93	23.83	24.00
10	16QAM	1	49	23.96	23.90	23.68	24.00
10	16QAM	25	0	22.45	22.67	22.73	23.00
10	16QAM	25	12	22.48	22.76	22.78	23.00
10	16QAM	25	25	22.57	22.78	22.76	23.00
10	16QAM	50	0	22.51	22.66	22.83	23.00
10	64QAM	1	0	22.41	22.72	22.80	23.00
10	64QAM	1	25	22.71	22.82	22.82	23.00
10	64QAM	1	49	22.67	22.89	22.79	23.00
10	64QAM	25	0	21.34	21.70	21.75	22.00
10	64QAM	25	12	21.50	21.73	21.80	22.00
10	64QAM	25	25	21.61	21.67	21.72	22.00
10	64QAM	50	0	21.53	21.65	21.68	22.00
10	256QAM	1	0	19.29	19.69	19.79	20.00
10	256QAM	1	25	19.47	19.78	19.85	20.00
10	256QAM	1	49	19.70	19.72	19.75	20.00
10	256QAM	25	0	19.45	19.72	19.76	20.00
10	256QAM	25	12	19.55	19.74	19.70	20.00
10	256QAM	25	25	19.53	19.71	19.70	20.00
10	256QAM	50	0	19.58	19.83	19.78	20.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	24.59	24.66	24.83	25.00
5	QPSK	1	12	24.49	24.71	24.53	25.00
5	QPSK	1	24	24.35	24.52	24.72	25.00
5	QPSK	12	0	23.46	23.73	23.81	24.00
5	QPSK	12	7	23.45	23.69	23.75	24.00



FCC SAR TEST REPORT

Report No. :FA503114B

5	QPSK	12	13	23.70	23.72	23.68	24.00
5	QPSK	25	0	23.59	23.68	23.70	24.00
5	16QAM	1	0	23.35	23.65	23.67	24.00
5	16QAM	1	12	23.51	23.90	23.85	24.00
5	16QAM	1	24	23.92	23.78	23.73	24.00
5	16QAM	12	0	22.46	22.71	22.74	23.00
5	16QAM	12	7	22.45	22.76	22.83	23.00
5	16QAM	12	13	22.58	22.64	22.75	23.00
5	16QAM	25	0	22.46	22.75	22.77	23.00
5	64QAM	1	0	22.44	22.63	22.71	23.00
5	64QAM	1	12	22.64	22.82	22.81	23.00
5	64QAM	1	24	22.77	22.81	22.78	23.00
5	64QAM	12	0	21.41	21.67	21.85	22.00
5	64QAM	12	7	21.54	21.66	21.86	22.00
5	64QAM	12	13	21.58	21.78	21.81	22.00
5	64QAM	25	0	21.50	21.75	21.73	22.00
5	256QAM	1	0	19.28	19.69	19.73	20.00
5	256QAM	1	12	19.56	19.72	19.75	20.00
5	256QAM	1	24	19.75	19.73	19.72	20.00
5	256QAM	12	0	19.41	19.71	19.81	20.00
5	256QAM	12	7	19.63	19.77	19.70	20.00
5	256QAM	12	13	19.49	19.66	19.72	20.00
5	256QAM	25	0	19.56	19.76	19.69	20.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	24.62	24.71	24.79	25.00
3	QPSK	1	8	24.43	24.62	24.59	25.00
3	QPSK	1	14	24.35	24.56	24.75	25.00
3	QPSK	8	0	23.46	23.72	23.82	24.00
3	QPSK	8	4	23.43	23.76	23.69	24.00
3	QPSK	8	7	23.70	23.72	23.74	24.00
3	QPSK	15	0	23.50	23.76	23.77	24.00
3	16QAM	1	0	23.42	23.75	23.58	24.00
3	16QAM	1	8	23.58	23.90	23.76	24.00
3	16QAM	1	14	23.88	23.88	23.73	24.00
3	16QAM	8	0	22.38	22.76	22.71	23.00
3	16QAM	8	4	22.48	22.80	22.76	23.00
3	16QAM	8	7	22.54	22.65	22.76	23.00
3	16QAM	15	0	22.56	22.67	22.81	23.00
3	64QAM	1	0	22.42	22.61	22.79	23.00
3	64QAM	1	8	22.60	22.91	22.86	23.00
3	64QAM	1	14	22.75	22.90	22.83	23.00
3	64QAM	8	0	21.45	21.75	21.76	22.00
3	64QAM	8	4	21.56	21.66	21.81	22.00
3	64QAM	8	7	21.69	21.78	21.80	22.00
3	64QAM	15	0	21.56	21.64	21.67	22.00
3	256QAM	1	0	19.27	19.72	19.72	20.00
3	256QAM	1	8	19.54	19.79	19.80	20.00
3	256QAM	1	14	19.69	19.70	19.76	20.00
3	256QAM	8	0	19.36	19.71	19.82	20.00
3	256QAM	8	4	19.53	19.66	19.77	20.00
3	256QAM	8	7	19.53	19.67	19.67	20.00
3	256QAM	15	0	19.50	19.74	19.67	20.00
Channel				131979	132322	132665	Tune-up limit
Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	24.65	24.76	24.71	25.00
1.4	QPSK	1	3	24.38	24.72	24.64	25.00
1.4	QPSK	1	5	24.39	24.61	24.63	25.00
1.4	QPSK	3	0	24.43	24.68	24.74	25.00
1.4	QPSK	3	1	24.39	24.74	24.79	25.00
1.4	QPSK	3	3	24.71	24.63	24.80	25.00
1.4	QPSK	6	0	23.53	23.65	23.68	24.00
1.4	16QAM	1	0	23.36	23.68	23.58	24.00
1.4	16QAM	1	3	23.47	23.88	23.81	24.00
1.4	16QAM	1	5	23.95	23.88	23.68	24.00
1.4	16QAM	3	0	23.47	23.74	23.69	24.00
1.4	16QAM	3	1	23.52	23.80	23.84	24.00
1.4	16QAM	3	3	23.54	23.69	23.77	24.00
1.4	16QAM	6	0	22.52	22.69	22.77	23.00
1.4	64QAM	1	0	22.44	22.60	22.71	23.00
1.4	64QAM	1	3	22.67	22.82	22.79	23.00
1.4	64QAM	1	5	22.74	22.91	22.83	23.00
1.4	64QAM	3	0	22.43	22.77	22.84	23.00
1.4	64QAM	3	1	22.60	22.73	22.81	23.00
1.4	64QAM	3	3	22.59	22.76	22.68	23.00
1.4	64QAM	6	0	21.50	21.62	21.66	22.00
1.4	256QAM	1	0	19.26	19.69	19.75	20.00
1.4	256QAM	1	3	19.55	19.79	19.84	20.00

1.4	256QAM	1	5	19.68	19.68	19.80	20.00
1.4	256QAM	3	0	19.41	19.73	19.68	20.00
1.4	256QAM	3	1	19.60	19.74	19.71	20.00
1.4	256QAM	3	3	19.54	19.77	19.73	20.00
1.4	256QAM	6	0	19.58	19.80	19.66	20.00

【LTE Band 70_Ant 1_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					133047		
Frequency (MHz)					1702.5		
15	QPSK	1	0		24.94		25.00
15	QPSK	1	37		24.69		25.00
15	QPSK	1	74		24.83		25.00
15	QPSK	36	0		23.87		24.00
15	QPSK	36	20		23.78		24.00
15	QPSK	36	39		23.87		24.00
15	QPSK	75	0		23.87		24.00
15	16QAM	1	0		23.87		24.00
15	16QAM	1	37		23.99		24.00
15	16QAM	1	74		23.93		24.00
15	16QAM	36	0		22.84		23.00
15	16QAM	36	20		22.90		23.00
15	16QAM	36	39		22.87		23.00
15	16QAM	75	0		22.95		23.00
15	64QAM	1	0		22.99		23.00
15	64QAM	1	37		22.96		23.00
15	64QAM	1	74		22.98		23.00
15	64QAM	36	0		21.92		22.00
15	64QAM	36	20		21.88		22.00
15	64QAM	36	39		21.83		22.00
15	64QAM	75	0		21.86		22.00
15	256QAM	1	0		19.80		20.00
15	256QAM	1	37		19.99		20.00
15	256QAM	1	74		19.91		20.00
15	256QAM	36	0		19.83		20.00
15	256QAM	36	20		19.91		20.00
15	256QAM	36	39		19.94		20.00
15	256QAM	75	0		19.92		20.00
Channel				133022	133047	133072	Tune-up limit
Frequency (MHz)				1700	1702.5	1705	(dBm)
10	QPSK	1	0	24.77	24.78	24.88	25.00
10	QPSK	1	25	24.35	24.38	24.49	25.00
10	QPSK	1	49	24.51	24.52	24.59	25.00
10	QPSK	25	0	23.35	23.57	23.80	24.00
10	QPSK	25	12	23.36	23.45	23.46	24.00
10	QPSK	25	25	23.45	23.51	23.66	24.00
10	QPSK	50	0	23.55	23.62	23.77	24.00
10	16QAM	1	0	23.48	23.61	23.80	24.00
10	16QAM	1	25	23.67	23.74	23.81	24.00
10	16QAM	1	49	23.57	23.72	23.74	24.00
10	16QAM	25	0	22.50	22.66	22.73	23.00
10	16QAM	25	12	22.53	22.63	22.60	23.00
10	16QAM	25	25	22.65	22.66	22.74	23.00
10	16QAM	50	0	22.47	22.69	22.77	23.00
10	64QAM	1	0	22.70	22.83	22.92	23.00
10	64QAM	1	25	22.59	22.71	22.74	23.00
10	64QAM	1	49	22.66	22.75	22.86	23.00
10	64QAM	25	0	21.59	21.70	21.67	22.00
10	64QAM	25	12	21.54	21.59	21.65	22.00
10	64QAM	25	25	21.46	21.59	21.58	22.00
10	64QAM	50	0	21.53	21.63	21.71	22.00
10	256QAM	1	0	19.48	19.54	19.50	20.00
10	256QAM	1	25	19.66	19.75	19.79	20.00
10	256QAM	1	49	19.57	19.58	19.66	20.00
10	256QAM	25	0	19.47	19.61	19.62	20.00
10	256QAM	25	12	19.41	19.60	19.69	20.00
10	256QAM	25	25	19.48	19.63	19.59	20.00
10	256QAM	50	0	19.59	19.69	19.76	20.00
Channel				132997	133047	133097	Tune-up limit
Frequency (MHz)				1697.5	1702.5	1707.5	(dBm)
5	QPSK	1	0	24.73	24.70	24.81	25.00
5	QPSK	1	12	24.21	24.33	24.47	25.00

5	QPSK	1	24	24.44	24.48	24.56	25.00
5	QPSK	12	0	23.29	23.44	23.79	24.00
5	QPSK	12	7	23.29	23.41	23.41	24.00
5	QPSK	12	13	23.42	23.38	23.61	24.00
5	QPSK	25	0	23.48	23.51	23.70	24.00
5	16QAM	1	0	23.44	23.50	23.70	24.00
5	16QAM	1	12	23.63	23.66	23.71	24.00
5	16QAM	1	24	23.44	23.59	23.69	24.00
5	16QAM	12	0	22.49	22.59	22.60	23.00
5	16QAM	12	7	22.52	22.61	22.54	23.00
5	16QAM	12	13	22.53	22.64	22.61	23.00
5	16QAM	25	0	22.38	22.64	22.66	23.00
5	64QAM	1	0	22.60	22.68	22.87	23.00
5	64QAM	1	12	22.44	22.62	22.60	23.00
5	64QAM	1	24	22.60	22.73	22.81	23.00
5	64QAM	12	0	21.58	21.59	21.56	22.00
5	64QAM	12	7	21.53	21.48	21.58	22.00
5	64QAM	12	13	21.44	21.46	21.47	22.00
5	64QAM	25	0	21.43	21.55	21.69	22.00
5	256QAM	1	0	19.34	19.45	19.46	20.00
5	256QAM	1	12	19.57	19.68	19.71	20.00
5	256QAM	1	24	19.49	19.56	19.61	20.00
5	256QAM	12	0	19.40	19.48	19.60	20.00
5	256QAM	12	7	19.29	19.48	19.64	20.00
5	256QAM	12	13	19.40	19.49	19.51	20.00
5	256QAM	25	0	19.44	19.63	19.72	20.00

【LTE Band 70_Ant 1_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					133047		
Frequency (MHz)					1702.5		
15	QPSK	1	0		24.94		25.00
15	QPSK	1	37		24.69		25.00
15	QPSK	1	74		24.83		25.00
15	QPSK	36	0		23.87		24.00
15	QPSK	36	20		23.78		24.00
15	QPSK	36	39		23.87		24.00
15	QPSK	75	0		23.87		24.00
15	16QAM	1	0		23.87		24.00
15	16QAM	1	37		23.99		24.00
15	16QAM	1	74		23.93		24.00
15	16QAM	36	0		22.84		23.00
15	16QAM	36	20		22.90		23.00
15	16QAM	36	39		22.87		23.00
15	16QAM	75	0		22.95		23.00
15	64QAM	1	0		22.99		23.00
15	64QAM	1	37		22.96		23.00
15	64QAM	1	74		22.98		23.00
15	64QAM	36	0		21.92		22.00
15	64QAM	36	20		21.88		22.00
15	64QAM	36	39		21.83		22.00
15	64QAM	75	0		21.86		22.00
15	256QAM	1	0		19.80		20.00
15	256QAM	1	37		19.99		20.00
15	256QAM	1	74		19.91		20.00
15	256QAM	36	0		19.83		20.00
15	256QAM	36	20		19.91		20.00
15	256QAM	36	39		19.94		20.00
15	256QAM	75	0		19.92		20.00
Channel				133022	133047	133072	
Frequency (MHz)				1700	1702.5	1705	Tune-up limit (dBm)
10	QPSK	1	0	24.77	24.78	24.88	25.00
10	QPSK	1	25	24.35	24.38	24.49	25.00
10	QPSK	1	49	24.51	24.52	24.59	25.00
10	QPSK	25	0	23.35	23.57	23.80	24.00
10	QPSK	25	12	23.36	23.45	23.46	24.00
10	QPSK	25	25	23.45	23.51	23.66	24.00
10	QPSK	50	0	23.55	23.62	23.77	24.00
10	16QAM	1	0	23.48	23.61	23.80	24.00
10	16QAM	1	25	23.67	23.74	23.81	24.00
10	16QAM	1	49	23.57	23.72	23.74	24.00
10	16QAM	25	0	22.50	22.66	22.73	23.00

10	16QAM	25	12	22.53	22.63	22.60	23.00
10	16QAM	25	25	22.65	22.66	22.74	23.00
10	16QAM	50	0	22.47	22.69	22.77	23.00
10	64QAM	1	0	22.70	22.83	22.92	23.00
10	64QAM	1	25	22.59	22.71	22.74	23.00
10	64QAM	1	49	22.66	22.75	22.86	23.00
10	64QAM	25	0	21.59	21.70	21.67	22.00
10	64QAM	25	12	21.54	21.59	21.65	22.00
10	64QAM	25	25	21.46	21.59	21.58	22.00
10	64QAM	50	0	21.53	21.63	21.71	22.00
10	256QAM	1	0	19.48	19.54	19.50	20.00
10	256QAM	1	25	19.66	19.75	19.79	20.00
10	256QAM	1	49	19.57	19.58	19.66	20.00
10	256QAM	25	0	19.47	19.61	19.62	20.00
10	256QAM	25	12	19.41	19.60	19.69	20.00
10	256QAM	25	25	19.48	19.63	19.59	20.00
10	256QAM	50	0	19.59	19.69	19.76	20.00
Channel				132997	133047	133097	Tune-up limit (dBm)
Frequency (MHz)				1697.5	1702.5	1707.5	
5	QPSK	1	0	24.73	24.70	24.81	25.00
5	QPSK	1	12	24.21	24.33	24.47	25.00
5	QPSK	1	24	24.44	24.48	24.56	25.00
5	QPSK	12	0	23.29	23.44	23.79	24.00
5	QPSK	12	7	23.29	23.41	23.41	24.00
5	QPSK	12	13	23.42	23.38	23.61	24.00
5	QPSK	25	0	23.48	23.51	23.70	24.00
5	16QAM	1	0	23.44	23.50	23.70	24.00
5	16QAM	1	12	23.63	23.66	23.71	24.00
5	16QAM	1	24	23.44	23.59	23.69	24.00
5	16QAM	12	0	22.49	22.59	22.60	23.00
5	16QAM	12	7	22.52	22.61	22.54	23.00
5	16QAM	12	13	22.53	22.64	22.61	23.00
5	16QAM	25	0	22.38	22.64	22.66	23.00
5	64QAM	1	0	22.60	22.68	22.87	23.00
5	64QAM	1	12	22.44	22.62	22.60	23.00
5	64QAM	1	24	22.60	22.73	22.81	23.00
5	64QAM	12	0	21.58	21.59	21.56	22.00
5	64QAM	12	7	21.53	21.48	21.58	22.00
5	64QAM	12	13	21.44	21.46	21.47	22.00
5	64QAM	25	0	21.43	21.55	21.69	22.00
5	256QAM	1	0	19.34	19.45	19.46	20.00
5	256QAM	1	12	19.57	19.68	19.71	20.00
5	256QAM	1	24	19.49	19.56	19.61	20.00
5	256QAM	12	0	19.40	19.48	19.60	20.00
5	256QAM	12	7	19.29	19.48	19.64	20.00
5	256QAM	12	13	19.40	19.49	19.51	20.00
5	256QAM	25	0	19.44	19.63	19.72	20.00

【LTE Band 70_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					133047		
Frequency (MHz)					1702.5		
15	QPSK	1	0		24.94		25.00
15	QPSK	1	37		24.69		25.00
15	QPSK	1	74		24.83		25.00
15	QPSK	36	0		23.87		24.00
15	QPSK	36	20		23.78		24.00
15	QPSK	36	39		23.87		24.00
15	QPSK	75	0		23.87		24.00
15	16QAM	1	0		23.87		24.00
15	16QAM	1	37		23.99		24.00
15	16QAM	1	74		23.93		24.00
15	16QAM	36	0		22.84		23.00
15	16QAM	36	20		22.90		23.00
15	16QAM	36	39		22.87		23.00
15	16QAM	75	0		22.95		23.00
15	64QAM	1	0		22.99		23.00
15	64QAM	1	37		22.96		23.00
15	64QAM	1	74		22.98		23.00
15	64QAM	36	0		21.92		22.00
15	64QAM	36	20		21.88		22.00
15	64QAM	36	39		21.83		22.00



FCC SAR TEST REPORT

Report No. :FA503114B

15	64QAM	75	0		21.86		22.00
15	256QAM	1	0		19.80		20.00
15	256QAM	1	37		19.99		20.00
15	256QAM	1	74		19.91		20.00
15	256QAM	36	0		19.83		20.00
15	256QAM	36	20		19.91		20.00
15	256QAM	36	39		19.94		20.00
15	256QAM	75	0		19.92		20.00
Channel				133022	133047	133072	Tune-up limit
Frequency (MHz)				1700	1702.5	1705	(dBm)
10	QPSK	1	0	24.77	24.78	24.88	25.00
10	QPSK	1	25	24.35	24.38	24.49	25.00
10	QPSK	1	49	24.51	24.52	24.59	25.00
10	QPSK	25	0	23.35	23.57	23.80	24.00
10	QPSK	25	12	23.36	23.45	23.46	24.00
10	QPSK	25	25	23.45	23.51	23.66	24.00
10	QPSK	50	0	23.55	23.62	23.77	24.00
10	16QAM	1	0	23.48	23.61	23.80	24.00
10	16QAM	1	25	23.67	23.74	23.81	24.00
10	16QAM	1	49	23.57	23.72	23.74	24.00
10	16QAM	25	0	22.50	22.66	22.73	23.00
10	16QAM	25	12	22.53	22.63	22.60	23.00
10	16QAM	25	25	22.65	22.66	22.74	23.00
10	16QAM	50	0	22.47	22.69	22.77	23.00
10	64QAM	1	0	22.70	22.83	22.92	23.00
10	64QAM	1	25	22.59	22.71	22.74	23.00
10	64QAM	1	49	22.66	22.75	22.86	23.00
10	64QAM	25	0	21.59	21.70	21.67	22.00
10	64QAM	25	12	21.54	21.59	21.65	22.00
10	64QAM	25	25	21.46	21.59	21.58	22.00
10	64QAM	50	0	21.53	21.63	21.71	22.00
10	256QAM	1	0	19.48	19.54	19.50	20.00
10	256QAM	1	25	19.66	19.75	19.79	20.00
10	256QAM	1	49	19.57	19.58	19.66	20.00
10	256QAM	25	0	19.47	19.61	19.62	20.00
10	256QAM	25	12	19.41	19.60	19.69	20.00
10	256QAM	25	25	19.48	19.63	19.59	20.00
10	256QAM	50	0	19.59	19.69	19.76	20.00
Channel				132997	133047	133097	Tune-up limit
Frequency (MHz)				1697.5	1702.5	1707.5	(dBm)
5	QPSK	1	0	24.73	24.70	24.81	25.00
5	QPSK	1	12	24.21	24.33	24.47	25.00
5	QPSK	1	24	24.44	24.48	24.56	25.00
5	QPSK	12	0	23.29	23.44	23.79	24.00
5	QPSK	12	7	23.29	23.41	23.41	24.00
5	QPSK	12	13	23.42	23.38	23.61	24.00
5	QPSK	25	0	23.48	23.51	23.70	24.00
5	16QAM	1	0	23.44	23.50	23.70	24.00
5	16QAM	1	12	23.63	23.66	23.71	24.00
5	16QAM	1	24	23.44	23.59	23.69	24.00
5	16QAM	12	0	22.49	22.59	22.60	23.00
5	16QAM	12	7	22.52	22.61	22.54	23.00
5	16QAM	12	13	22.53	22.64	22.61	23.00
5	16QAM	25	0	22.38	22.64	22.66	23.00
5	64QAM	1	0	22.60	22.68	22.87	23.00
5	64QAM	1	12	22.44	22.62	22.60	23.00
5	64QAM	1	24	22.60	22.73	22.81	23.00
5	64QAM	12	0	21.58	21.59	21.56	22.00
5	64QAM	12	7	21.53	21.48	21.58	22.00
5	64QAM	12	13	21.44	21.46	21.47	22.00
5	64QAM	25	0	21.43	21.55	21.69	22.00
5	256QAM	1	0	19.34	19.45	19.46	20.00
5	256QAM	1	12	19.57	19.68	19.71	20.00
5	256QAM	1	24	19.49	19.56	19.61	20.00
5	256QAM	12	0	19.40	19.48	19.60	20.00
5	256QAM	12	7	19.29	19.48	19.64	20.00
5	256QAM	12	13	19.40	19.49	19.51	20.00
5	256QAM	25	0	19.44	19.63	19.72	20.00

【LTE Band 70_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					133047		
Frequency (MHz)					1702.5		
15	QPSK	1	0		24.94		25.00
15	QPSK	1	37		24.69		25.00
15	QPSK	1	74		24.83		25.00
15	QPSK	36	0		23.87		24.00
15	QPSK	36	20		23.78		24.00
15	QPSK	36	39		23.87		24.00
15	QPSK	75	0		23.87		24.00
15	16QAM	1	0		23.87		24.00
15	16QAM	1	37		23.99		24.00
15	16QAM	1	74		23.93		24.00
15	16QAM	36	0		22.84		23.00
15	16QAM	36	20		22.90		23.00
15	16QAM	36	39		22.87		23.00
15	16QAM	75	0		22.95		23.00
15	64QAM	1	0		22.99		23.00
15	64QAM	1	37		22.96		23.00
15	64QAM	1	74		22.98		23.00
15	64QAM	36	0		21.92		22.00
15	64QAM	36	20		21.88		22.00
15	64QAM	36	39		21.83		22.00
15	64QAM	75	0		21.86		22.00
15	256QAM	1	0		19.80		20.00
15	256QAM	1	37		19.99		20.00
15	256QAM	1	74		19.91		20.00
15	256QAM	36	0		19.83		20.00
15	256QAM	36	20		19.91		20.00
15	256QAM	36	39		19.94		20.00
15	256QAM	75	0		19.92		20.00
Channel				133022	133047	133072	
Frequency (MHz)				1700	1702.5	1705	Tune-up limit (dBm)
10	QPSK	1	0	24.77	24.78	24.88	25.00
10	QPSK	1	25	24.35	24.38	24.49	25.00
10	QPSK	1	49	24.51	24.52	24.59	25.00
10	QPSK	25	0	23.35	23.57	23.80	24.00
10	QPSK	25	12	23.36	23.45	23.46	24.00
10	QPSK	25	25	23.45	23.51	23.66	24.00
10	QPSK	50	0	23.55	23.62	23.77	24.00
10	16QAM	1	0	23.48	23.61	23.80	24.00
10	16QAM	1	25	23.67	23.74	23.81	24.00
10	16QAM	1	49	23.57	23.72	23.74	24.00
10	16QAM	25	0	22.50	22.66	22.73	23.00
10	16QAM	25	12	22.53	22.63	22.60	23.00
10	16QAM	25	25	22.65	22.66	22.74	23.00
10	16QAM	50	0	22.47	22.69	22.77	23.00
10	64QAM	1	0	22.70	22.83	22.92	23.00
10	64QAM	1	25	22.59	22.71	22.74	23.00
10	64QAM	1	49	22.66	22.75	22.86	23.00
10	64QAM	25	0	21.59	21.70	21.67	22.00
10	64QAM	25	12	21.54	21.59	21.65	22.00
10	64QAM	25	25	21.46	21.59	21.58	22.00
10	64QAM	50	0	21.53	21.63	21.71	22.00
10	256QAM	1	0	19.48	19.54	19.50	20.00
10	256QAM	1	25	19.66	19.75	19.79	20.00
10	256QAM	1	49	19.57	19.58	19.66	20.00
10	256QAM	25	0	19.47	19.61	19.62	20.00
10	256QAM	25	12	19.41	19.60	19.69	20.00
10	256QAM	25	25	19.48	19.63	19.59	20.00
10	256QAM	50	0	19.59	19.69	19.76	20.00
Channel				132997	133047	133097	
Frequency (MHz)				1697.5	1702.5	1707.5	Tune-up limit (dBm)
5	QPSK	1	0	24.73	24.70	24.81	25.00
5	QPSK	1	12	24.21	24.33	24.47	25.00
5	QPSK	1	24	24.44	24.48	24.56	25.00
5	QPSK	12	0	23.29	23.44	23.79	24.00
5	QPSK	12	7	23.29	23.41	23.41	24.00
5	QPSK	12	13	23.42	23.38	23.61	24.00
5	QPSK	25	0	23.48	23.51	23.70	24.00
5	16QAM	1	0	23.44	23.50	23.70	24.00
5	16QAM	1	12	23.63	23.66	23.71	24.00
5	16QAM	1	24	23.44	23.59	23.69	24.00
5	16QAM	12	0	22.49	22.59	22.60	23.00

5	16QAM	12	7	22.52	22.61	22.54	23.00
5	16QAM	12	13	22.53	22.64	22.61	23.00
5	16QAM	25	0	22.38	22.64	22.66	23.00
5	64QAM	1	0	22.60	22.68	22.87	23.00
5	64QAM	1	12	22.44	22.62	22.60	23.00
5	64QAM	1	24	22.60	22.73	22.81	23.00
5	64QAM	12	0	21.58	21.59	21.56	22.00
5	64QAM	12	7	21.53	21.48	21.58	22.00
5	64QAM	12	13	21.44	21.46	21.47	22.00
5	64QAM	25	0	21.43	21.55	21.69	22.00
5	256QAM	1	0	19.34	19.45	19.46	20.00
5	256QAM	1	12	19.57	19.68	19.71	20.00
5	256QAM	1	24	19.49	19.56	19.61	20.00
5	256QAM	12	0	19.40	19.48	19.60	20.00
5	256QAM	12	7	19.29	19.48	19.64	20.00
5	256QAM	12	13	19.40	19.49	19.51	20.00
5	256QAM	25	0	19.44	19.63	19.72	20.00

【LTE Band 70_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					133047		
Frequency (MHz)					1702.5		
15	QPSK	1	0		24.94		25.00
15	QPSK	1	37		24.69		25.00
15	QPSK	1	74		24.83		25.00
15	QPSK	36	0		23.87		24.00
15	QPSK	36	20		23.78		24.00
15	QPSK	36	39		23.87		24.00
15	QPSK	75	0		23.87		24.00
15	16QAM	1	0		23.87		24.00
15	16QAM	1	37		23.99		24.00
15	16QAM	1	74		23.93		24.00
15	16QAM	36	0		22.84		23.00
15	16QAM	36	20		22.90		23.00
15	16QAM	36	39		22.87		23.00
15	16QAM	75	0		22.95		23.00
15	64QAM	1	0		22.99		23.00
15	64QAM	1	37		22.96		23.00
15	64QAM	1	74		22.98		23.00
15	64QAM	36	0		21.92		22.00
15	64QAM	36	20		21.88		22.00
15	64QAM	36	39		21.83		22.00
15	64QAM	75	0		21.86		22.00
15	256QAM	1	0		19.80		20.00
15	256QAM	1	37		19.99		20.00
15	256QAM	1	74		19.91		20.00
15	256QAM	36	0		19.83		20.00
15	256QAM	36	20		19.91		20.00
15	256QAM	36	39		19.94		20.00
15	256QAM	75	0		19.92		20.00
Channel				133022	133047	133072	
Frequency (MHz)				1700	1702.5	1705	Tune-up limit (dBm)
10	QPSK	1	0	24.77	24.78	24.88	25.00
10	QPSK	1	25	24.35	24.38	24.49	25.00
10	QPSK	1	49	24.51	24.52	24.59	25.00
10	QPSK	25	0	23.35	23.57	23.80	24.00
10	QPSK	25	12	23.36	23.45	23.46	24.00
10	QPSK	25	25	23.45	23.51	23.66	24.00
10	QPSK	50	0	23.55	23.62	23.77	24.00
10	16QAM	1	0	23.48	23.61	23.80	24.00
10	16QAM	1	25	23.67	23.74	23.81	24.00
10	16QAM	1	49	23.57	23.72	23.74	24.00
10	16QAM	25	0	22.50	22.66	22.73	23.00
10	16QAM	25	12	22.53	22.63	22.60	23.00
10	16QAM	25	25	22.65	22.66	22.74	23.00
10	16QAM	50	0	22.47	22.69	22.77	23.00
10	64QAM	1	0	22.70	22.83	22.92	23.00
10	64QAM	1	25	22.59	22.71	22.74	23.00
10	64QAM	1	49	22.66	22.75	22.86	23.00
10	64QAM	25	0	21.59	21.70	21.67	22.00
10	64QAM	25	12	21.54	21.59	21.65	22.00
10	64QAM	25	25	21.46	21.59	21.58	22.00

10	64QAM	50	0	21.53	21.63	21.71	22.00
10	256QAM	1	0	19.48	19.54	19.50	20.00
10	256QAM	1	25	19.66	19.75	19.79	20.00
10	256QAM	1	49	19.57	19.58	19.66	20.00
10	256QAM	25	0	19.47	19.61	19.62	20.00
10	256QAM	25	12	19.41	19.60	19.69	20.00
10	256QAM	25	25	19.48	19.63	19.59	20.00
10	256QAM	50	0	19.59	19.69	19.76	20.00
Channel				132997	133047	133097	Tune-up limit
Frequency (MHz)				1697.5	1702.5	1707.5	(dBm)
5	QPSK	1	0	24.73	24.70	24.81	25.00
5	QPSK	1	12	24.21	24.33	24.47	25.00
5	QPSK	1	24	24.44	24.48	24.56	25.00
5	QPSK	12	0	23.29	23.44	23.79	24.00
5	QPSK	12	7	23.29	23.41	23.41	24.00
5	QPSK	12	13	23.42	23.38	23.61	24.00
5	QPSK	25	0	23.48	23.51	23.70	24.00
5	16QAM	1	0	23.44	23.50	23.70	24.00
5	16QAM	1	12	23.63	23.66	23.71	24.00
5	16QAM	1	24	23.44	23.59	23.69	24.00
5	16QAM	12	0	22.49	22.59	22.60	23.00
5	16QAM	12	7	22.52	22.61	22.54	23.00
5	16QAM	12	13	22.53	22.64	22.61	23.00
5	16QAM	25	0	22.38	22.64	22.66	23.00
5	64QAM	1	0	22.60	22.68	22.87	23.00
5	64QAM	1	12	22.44	22.62	22.60	23.00
5	64QAM	1	24	22.60	22.73	22.81	23.00
5	64QAM	12	0	21.58	21.59	21.56	22.00
5	64QAM	12	7	21.53	21.48	21.58	22.00
5	64QAM	12	13	21.44	21.46	21.47	22.00
5	64QAM	25	0	21.43	21.55	21.69	22.00
5	256QAM	1	0	19.34	19.45	19.46	20.00
5	256QAM	1	12	19.57	19.68	19.71	20.00
5	256QAM	1	24	19.49	19.56	19.61	20.00
5	256QAM	12	0	19.40	19.48	19.60	20.00
5	256QAM	12	7	19.29	19.48	19.64	20.00
5	256QAM	12	13	19.40	19.49	19.51	20.00
5	256QAM	25	0	19.44	19.63	19.72	20.00

【LTE Band 71_Ant 8_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133297	133372	
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	24.82	24.94	25.00	25.50
20	QPSK	1	49	24.79	24.89	24.88	25.50
20	QPSK	1	99	24.80	24.91	24.92	25.50
20	QPSK	50	0	23.87	24.06	24.03	25.00
20	QPSK	50	24	23.97	23.95	24.03	25.00
20	QPSK	50	50	23.95	23.96	24.15	25.00
20	QPSK	100	0	23.99	24.03	24.22	25.00
20	16QAM	1	0	23.98	24.01	24.09	25.00
20	16QAM	1	49	23.97	24.06	24.05	25.00
20	16QAM	1	99	24.05	23.98	24.18	25.00
20	16QAM	50	0	22.87	22.99	23.16	24.00
20	16QAM	50	24	22.97	23.01	23.09	24.00
20	16QAM	50	50	22.94	23.06	23.14	24.00
20	16QAM	100	0	22.97	22.99	23.17	24.00
20	64QAM	1	0	22.75	23.01	23.10	24.00
20	64QAM	1	49	23.18	23.11	23.34	24.00
20	64QAM	1	99	23.05	23.16	23.21	24.00
20	64QAM	50	0	21.93	22.05	22.12	23.00
20	64QAM	50	24	21.95	22.02	22.00	23.00
20	64QAM	50	50	21.91	22.08	22.16	23.00
20	64QAM	100	0	21.97	22.02	22.24	23.00
20	256QAM	1	0	19.75	19.82	20.26	21.00
20	256QAM	1	49	20.12	20.13	20.17	21.00
20	256QAM	1	99	20.17	20.27	20.34	21.00
20	256QAM	50	0	19.91	19.98	20.03	21.00
20	256QAM	50	24	19.95	20.03	20.12	21.00
20	256QAM	50	50	20.03	20.11	20.10	21.00
20	256QAM	100	0	19.97	20.02	20.11	21.00
Channel				133197	133297	133397	Tune-up limit



FCC SAR TEST REPORT

Report No. :FA503114B

Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	QPSK	1	0	24.66	24.80	24.86	25.50
15	QPSK	1	37	24.75	24.76	24.80	25.50
15	QPSK	1	74	24.98	24.82	24.81	25.50
15	QPSK	36	0	23.77	24.04	24.01	25.00
15	QPSK	36	20	23.95	23.86	23.94	25.00
15	QPSK	36	39	23.87	23.91	24.09	25.00
15	QPSK	75	0	23.91	23.91	24.18	25.00
15	16QAM	1	0	23.92	23.91	24.06	25.00
15	16QAM	1	37	23.84	23.94	23.97	25.00
15	16QAM	1	74	24.02	23.85	24.05	25.00
15	16QAM	36	0	22.79	22.91	23.14	24.00
15	16QAM	36	20	22.88	22.89	23.03	24.00
15	16QAM	36	39	22.79	22.99	23.01	24.00
15	16QAM	75	0	22.90	22.92	23.15	24.00
15	64QAM	1	0	22.64	22.94	23.00	24.00
15	64QAM	1	37	23.10	23.07	23.20	24.00
15	64QAM	1	74	23.04	23.11	23.16	24.00
15	64QAM	36	0	21.80	21.93	22.03	23.00
15	64QAM	36	20	21.94	21.90	21.91	23.00
15	64QAM	36	39	21.89	21.94	22.06	23.00
15	64QAM	75	0	21.84	21.98	22.11	23.00
15	256QAM	1	0	19.66	19.79	20.19	21.00
15	256QAM	1	37	20.05	20.05	20.13	21.00
15	256QAM	1	74	20.10	20.13	20.31	21.00
15	256QAM	36	0	19.78	19.93	19.93	21.00
15	256QAM	36	20	19.85	19.95	20.03	21.00
15	256QAM	36	39	19.91	20.00	19.98	21.00
15	256QAM	75	0	19.89	19.87	19.99	21.00
Channel				133172	133297	133422	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	QPSK	1	0	24.69	24.92	24.95	25.50
10	QPSK	1	25	24.67	24.87	24.86	25.50
10	QPSK	1	49	24.96	24.89	24.90	25.50
10	QPSK	25	0	23.86	23.97	23.95	25.00
10	QPSK	25	12	23.96	23.87	23.99	25.00
10	QPSK	25	25	23.82	23.92	24.11	25.00
10	QPSK	50	0	23.85	24.01	24.16	25.00
10	16QAM	1	0	23.95	23.96	24.07	25.00
10	16QAM	1	25	23.88	24.03	24.01	25.00
10	16QAM	1	49	24.01	23.94	24.05	25.00
10	16QAM	25	0	22.83	22.86	23.10	24.00
10	16QAM	25	12	22.90	22.96	23.05	24.00
10	16QAM	25	25	22.81	22.96	23.10	24.00
10	16QAM	50	0	22.84	22.92	23.07	24.00
10	64QAM	1	0	22.69	22.95	23.03	24.00
10	64QAM	1	25	23.10	23.06	23.27	24.00
10	64QAM	1	49	22.92	23.03	23.09	24.00
10	64QAM	25	0	21.79	21.98	22.10	23.00
10	64QAM	25	12	21.90	21.90	21.90	23.00
10	64QAM	25	25	21.85	21.97	22.01	23.00
10	64QAM	50	0	21.85	22.01	22.09	23.00
10	256QAM	1	0	19.67	19.76	20.22	21.00
10	256QAM	1	25	20.06	20.05	20.03	21.00
10	256QAM	1	49	20.12	20.14	20.24	21.00
10	256QAM	25	0	19.80	19.92	19.97	21.00
10	256QAM	25	12	19.82	19.97	20.01	21.00
10	256QAM	25	25	20.02	19.97	20.09	21.00
10	256QAM	50	0	19.83	19.94	20.00	21.00
Channel				133147	133297	133447	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	QPSK	1	0	24.69	24.79	24.85	25.50
5	QPSK	1	12	24.66	24.86	24.84	25.50
5	QPSK	1	24	24.86	24.85	24.78	25.50
5	QPSK	12	0	23.79	23.97	24.01	25.00
5	QPSK	12	7	23.82	23.89	23.97	25.00
5	QPSK	12	13	23.86	23.88	24.06	25.00
5	QPSK	25	0	23.94	23.90	24.11	25.00
5	16QAM	1	0	23.94	23.87	23.95	25.00
5	16QAM	1	12	23.87	23.96	24.02	25.00
5	16QAM	1	24	23.94	23.87	24.05	25.00
5	16QAM	12	0	22.81	22.86	23.11	24.00
5	16QAM	12	7	22.88	22.94	23.04	24.00
5	16QAM	12	13	22.80	22.97	23.00	24.00
5	16QAM	25	0	22.91	22.94	23.03	24.00
5	64QAM	1	0	22.63	23.00	23.05	24.00
5	64QAM	1	12	23.15	23.03	23.32	24.00
5	64QAM	1	24	22.96	23.04	23.19	24.00

5	64QAM	12	0	21.84	21.99	21.98	23.00
5	64QAM	12	7	21.93	21.87	21.98	23.00
5	64QAM	12	13	21.83	22.03	22.14	23.00
5	64QAM	25	0	21.82	21.94	22.14	23.00
5	256QAM	1	0	19.71	19.79	20.25	21.00
5	256QAM	1	12	20.06	20.11	20.15	21.00
5	256QAM	1	24	20.09	20.24	20.29	21.00
5	256QAM	12	0	19.82	19.96	19.96	21.00
5	256QAM	12	7	19.86	19.92	20.10	21.00
5	256QAM	12	13	19.92	19.98	19.97	21.00
5	256QAM	25	0	19.94	19.89	20.05	21.00

【LTE Band 71_Ant 8_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133297	133372	Tune-up limit (dBm)
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	24.82	24.94	25.00	25.50
20	QPSK	1	49	24.79	24.89	24.88	25.50
20	QPSK	1	99	24.80	24.91	24.92	25.50
20	QPSK	50	0	23.87	24.06	24.03	25.00
20	QPSK	50	24	23.97	23.95	24.03	25.00
20	QPSK	50	50	23.95	23.96	24.15	25.00
20	QPSK	100	0	23.99	24.03	24.22	25.00
20	16QAM	1	0	23.98	24.01	24.09	25.00
20	16QAM	1	49	23.97	24.06	24.05	25.00
20	16QAM	1	99	24.05	23.98	24.18	25.00
20	16QAM	50	0	22.87	22.99	23.16	24.00
20	16QAM	50	24	22.97	23.01	23.09	24.00
20	16QAM	50	50	22.94	23.06	23.14	24.00
20	16QAM	100	0	22.97	22.99	23.17	24.00
20	64QAM	1	0	22.75	23.01	23.10	24.00
20	64QAM	1	49	23.18	23.11	23.34	24.00
20	64QAM	1	99	23.05	23.16	23.21	24.00
20	64QAM	50	0	21.93	22.05	22.12	23.00
20	64QAM	50	24	21.95	22.02	22.00	23.00
20	64QAM	50	50	21.91	22.08	22.16	23.00
20	64QAM	100	0	21.97	22.02	22.24	23.00
20	256QAM	1	0	19.75	19.82	20.26	21.00
20	256QAM	1	49	20.12	20.13	20.17	21.00
20	256QAM	1	99	20.17	20.27	20.34	21.00
20	256QAM	50	0	19.91	19.98	20.03	21.00
20	256QAM	50	24	19.95	20.03	20.12	21.00
20	256QAM	50	50	20.03	20.11	20.10	21.00
20	256QAM	100	0	19.97	20.02	20.11	21.00
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	24.66	24.80	24.86	25.50
15	QPSK	1	37	24.75	24.76	24.80	25.50
15	QPSK	1	74	24.98	24.82	24.81	25.50
15	QPSK	36	0	23.77	24.04	24.01	25.00
15	QPSK	36	20	23.95	23.86	23.94	25.00
15	QPSK	36	39	23.87	23.91	24.09	25.00
15	QPSK	75	0	23.91	23.91	24.18	25.00
15	16QAM	1	0	23.92	23.91	24.06	25.00
15	16QAM	1	37	23.84	23.94	23.97	25.00
15	16QAM	1	74	24.02	23.85	24.05	25.00
15	16QAM	36	0	22.79	22.91	23.14	24.00
15	16QAM	36	20	22.88	22.89	23.03	24.00
15	16QAM	36	39	22.79	22.99	23.01	24.00
15	16QAM	75	0	22.90	22.92	23.15	24.00
15	64QAM	1	0	22.64	22.94	23.00	24.00
15	64QAM	1	37	23.10	23.07	23.20	24.00
15	64QAM	1	74	23.04	23.11	23.16	24.00
15	64QAM	36	0	21.80	21.93	22.03	23.00
15	64QAM	36	20	21.94	21.90	21.91	23.00
15	64QAM	36	39	21.89	21.94	22.06	23.00
15	64QAM	75	0	21.84	21.98	22.11	23.00
15	256QAM	1	0	19.66	19.79	20.19	21.00
15	256QAM	1	37	20.05	20.05	20.13	21.00
15	256QAM	1	74	20.10	20.13	20.31	21.00
15	256QAM	36	0	19.78	19.93	19.93	21.00
15	256QAM	36	20	19.85	19.95	20.03	21.00

15	256QAM	36	39	19.91	20.00	19.98	21.00
15	256QAM	75	0	19.89	19.87	19.99	21.00
Channel				133172	133297	133422	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	24.69	24.92	24.95	25.50
10	QPSK	1	25	24.67	24.87	24.86	25.50
10	QPSK	1	49	24.96	24.89	24.90	25.50
10	QPSK	25	0	23.86	23.97	23.95	25.00
10	QPSK	25	12	23.96	23.87	23.99	25.00
10	QPSK	25	25	23.82	23.92	24.11	25.00
10	QPSK	50	0	23.85	24.01	24.16	25.00
10	16QAM	1	0	23.95	23.96	24.07	25.00
10	16QAM	1	25	23.88	24.03	24.01	25.00
10	16QAM	1	49	24.01	23.94	24.05	25.00
10	16QAM	25	0	22.83	22.86	23.10	24.00
10	16QAM	25	12	22.90	22.96	23.05	24.00
10	16QAM	25	25	22.81	22.96	23.10	24.00
10	16QAM	50	0	22.84	22.92	23.07	24.00
10	64QAM	1	0	22.69	22.95	23.03	24.00
10	64QAM	1	25	23.10	23.06	23.27	24.00
10	64QAM	1	49	22.92	23.03	23.09	24.00
10	64QAM	25	0	21.79	21.98	22.10	23.00
10	64QAM	25	12	21.90	21.90	21.90	23.00
10	64QAM	25	25	21.85	21.97	22.01	23.00
10	64QAM	50	0	21.85	22.01	22.09	23.00
10	256QAM	1	0	19.67	19.76	20.22	21.00
10	256QAM	1	25	20.06	20.05	20.03	21.00
10	256QAM	1	49	20.12	20.14	20.24	21.00
10	256QAM	25	0	19.80	19.92	19.97	21.00
10	256QAM	25	12	19.82	19.97	20.01	21.00
10	256QAM	25	25	20.02	19.97	20.09	21.00
10	256QAM	50	0	19.83	19.94	20.00	21.00
Channel				133147	133297	133447	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	24.69	24.79	24.85	25.50
5	QPSK	1	12	24.66	24.86	24.84	25.50
5	QPSK	1	24	24.86	24.85	24.78	25.50
5	QPSK	12	0	23.79	23.97	24.01	25.00
5	QPSK	12	7	23.82	23.89	23.97	25.00
5	QPSK	12	13	23.86	23.88	24.06	25.00
5	QPSK	25	0	23.94	23.90	24.11	25.00
5	16QAM	1	0	23.94	23.87	23.95	25.00
5	16QAM	1	12	23.87	23.96	24.02	25.00
5	16QAM	1	24	23.94	23.87	24.05	25.00
5	16QAM	12	0	22.81	22.86	23.11	24.00
5	16QAM	12	7	22.88	22.94	23.04	24.00
5	16QAM	12	13	22.80	22.97	23.00	24.00
5	16QAM	25	0	22.91	22.94	23.03	24.00
5	64QAM	1	0	22.63	23.00	23.05	24.00
5	64QAM	1	12	23.15	23.03	23.32	24.00
5	64QAM	1	24	22.96	23.04	23.19	24.00
5	64QAM	12	0	21.84	21.99	21.98	23.00
5	64QAM	12	7	21.93	21.87	21.98	23.00
5	64QAM	12	13	21.83	22.03	22.14	23.00
5	64QAM	25	0	21.82	21.94	22.14	23.00
5	256QAM	1	0	19.71	19.79	20.25	21.00
5	256QAM	1	12	20.06	20.11	20.15	21.00
5	256QAM	1	24	20.09	20.24	20.29	21.00
5	256QAM	12	0	19.82	19.96	19.96	21.00
5	256QAM	12	7	19.86	19.92	20.10	21.00
5	256QAM	12	13	19.92	19.98	19.97	21.00
5	256QAM	25	0	19.94	19.89	20.05	21.00

【LTE Band 71_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				133222	133297	133372	
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	24.82	24.94	25.00	25.50
20	QPSK	1	49	24.79	24.89	24.88	25.50
20	QPSK	1	99	24.80	24.91	24.92	25.50
20	QPSK	50	0	23.87	24.06	24.03	25.00
20	QPSK	50	24	23.97	23.95	24.03	25.00



FCC SAR TEST REPORT

Report No. :FA503114B

20	QPSK	50	50	23.95	23.96	24.15	25.00
20	QPSK	100	0	23.99	24.03	24.22	25.00
20	16QAM	1	0	23.98	24.01	24.09	25.00
20	16QAM	1	49	23.97	24.06	24.05	25.00
20	16QAM	1	99	24.05	23.98	24.18	25.00
20	16QAM	50	0	22.87	22.99	23.16	24.00
20	16QAM	50	24	22.97	23.01	23.09	24.00
20	16QAM	50	50	22.94	23.06	23.14	24.00
20	16QAM	100	0	22.97	22.99	23.17	24.00
20	64QAM	1	0	22.75	23.01	23.10	24.00
20	64QAM	1	49	23.18	23.11	23.34	24.00
20	64QAM	1	99	23.05	23.16	23.21	24.00
20	64QAM	50	0	21.93	22.05	22.12	23.00
20	64QAM	50	24	21.95	22.02	22.00	23.00
20	64QAM	50	50	21.91	22.08	22.16	23.00
20	64QAM	100	0	21.97	22.02	22.24	23.00
20	256QAM	1	0	19.75	19.82	20.26	21.00
20	256QAM	1	49	20.12	20.13	20.17	21.00
20	256QAM	1	99	20.17	20.27	20.34	21.00
20	256QAM	50	0	19.91	19.98	20.03	21.00
20	256QAM	50	24	19.95	20.03	20.12	21.00
20	256QAM	50	50	20.03	20.11	20.10	21.00
20	256QAM	100	0	19.97	20.02	20.11	21.00
Channel				133197	133297	133397	Tune-up limit
Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	QPSK	1	0	24.66	24.80	24.86	25.50
15	QPSK	1	37	24.75	24.76	24.80	25.50
15	QPSK	1	74	24.98	24.82	24.81	25.50
15	QPSK	36	0	23.77	24.04	24.01	25.00
15	QPSK	36	20	23.95	23.86	23.94	25.00
15	QPSK	36	39	23.87	23.91	24.09	25.00
15	QPSK	75	0	23.91	23.91	24.18	25.00
15	16QAM	1	0	23.92	23.91	24.06	25.00
15	16QAM	1	37	23.84	23.94	23.97	25.00
15	16QAM	1	74	24.02	23.85	24.05	25.00
15	16QAM	36	0	22.79	22.91	23.14	24.00
15	16QAM	36	20	22.88	22.89	23.03	24.00
15	16QAM	36	39	22.79	22.99	23.01	24.00
15	16QAM	75	0	22.90	22.92	23.15	24.00
15	64QAM	1	0	22.64	22.94	23.00	24.00
15	64QAM	1	37	23.10	23.07	23.20	24.00
15	64QAM	1	74	23.04	23.11	23.16	24.00
15	64QAM	36	0	21.80	21.93	22.03	23.00
15	64QAM	36	20	21.94	21.90	21.91	23.00
15	64QAM	36	39	21.89	21.94	22.06	23.00
15	64QAM	75	0	21.84	21.98	22.11	23.00
15	256QAM	1	0	19.66	19.79	20.19	21.00
15	256QAM	1	37	20.05	20.05	20.13	21.00
15	256QAM	1	74	20.10	20.13	20.31	21.00
15	256QAM	36	0	19.78	19.93	19.93	21.00
15	256QAM	36	20	19.85	19.95	20.03	21.00
15	256QAM	36	39	19.91	20.00	19.98	21.00
15	256QAM	75	0	19.89	19.87	19.99	21.00
Channel				133172	133297	133422	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	QPSK	1	0	24.69	24.92	24.95	25.50
10	QPSK	1	25	24.67	24.87	24.86	25.50
10	QPSK	1	49	24.96	24.89	24.90	25.50
10	QPSK	25	0	23.86	23.97	23.95	25.00
10	QPSK	25	12	23.96	23.87	23.99	25.00
10	QPSK	25	25	23.82	23.92	24.11	25.00
10	QPSK	50	0	23.85	24.01	24.16	25.00
10	16QAM	1	0	23.95	23.96	24.07	25.00
10	16QAM	1	25	23.88	24.03	24.01	25.00
10	16QAM	1	49	24.01	23.94	24.05	25.00
10	16QAM	25	0	22.83	22.86	23.10	24.00
10	16QAM	25	12	22.90	22.96	23.05	24.00
10	16QAM	25	25	22.81	22.96	23.10	24.00
10	16QAM	50	0	22.84	22.92	23.07	24.00
10	64QAM	1	0	22.69	22.95	23.03	24.00
10	64QAM	1	25	23.10	23.06	23.27	24.00
10	64QAM	1	49	22.92	23.03	23.09	24.00
10	64QAM	25	0	21.79	21.98	22.10	23.00
10	64QAM	25	12	21.90	21.90	21.90	23.00
10	64QAM	25	25	21.85	21.97	22.01	23.00
10	64QAM	50	0	21.85	22.01	22.09	23.00
10	256QAM	1	0	19.67	19.76	20.22	21.00
10	256QAM	1	25	20.06	20.05	20.03	21.00

10	256QAM	1	49	20.12	20.14	20.24	21.00
10	256QAM	25	0	19.80	19.92	19.97	21.00
10	256QAM	25	12	19.82	19.97	20.01	21.00
10	256QAM	25	25	20.02	19.97	20.09	21.00
10	256QAM	50	0	19.83	19.94	20.00	21.00
Channel				133147	133297	133447	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	24.69	24.79	24.85	25.50
5	QPSK	1	12	24.66	24.86	24.84	25.50
5	QPSK	1	24	24.86	24.85	24.78	25.50
5	QPSK	12	0	23.79	23.97	24.01	25.00
5	QPSK	12	7	23.82	23.89	23.97	25.00
5	QPSK	12	13	23.86	23.88	24.06	25.00
5	QPSK	25	0	23.94	23.90	24.11	25.00
5	16QAM	1	0	23.94	23.87	23.95	25.00
5	16QAM	1	12	23.87	23.96	24.02	25.00
5	16QAM	1	24	23.94	23.87	24.05	25.00
5	16QAM	12	0	22.81	22.86	23.11	24.00
5	16QAM	12	7	22.88	22.94	23.04	24.00
5	16QAM	12	13	22.80	22.97	23.00	24.00
5	16QAM	25	0	22.91	22.94	23.03	24.00
5	64QAM	1	0	22.63	23.00	23.05	24.00
5	64QAM	1	12	23.15	23.03	23.32	24.00
5	64QAM	1	24	22.96	23.04	23.19	24.00
5	64QAM	12	0	21.84	21.99	21.98	23.00
5	64QAM	12	7	21.93	21.87	21.98	23.00
5	64QAM	12	13	21.83	22.03	22.14	23.00
5	64QAM	25	0	21.82	21.94	22.14	23.00
5	256QAM	1	0	19.71	19.79	20.25	21.00
5	256QAM	1	12	20.06	20.11	20.15	21.00
5	256QAM	1	24	20.09	20.24	20.29	21.00
5	256QAM	12	0	19.82	19.96	19.96	21.00
5	256QAM	12	7	19.86	19.92	20.10	21.00
5	256QAM	12	13	19.92	19.98	19.97	21.00
5	256QAM	25	0	19.94	19.89	20.05	21.00

【LTE Band 71_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				133222	133297	133372	Tune-up limit (dBm)
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	24.82	24.94	25.00	25.50
20	QPSK	1	49	24.79	24.89	24.88	25.50
20	QPSK	1	99	24.80	24.91	24.92	25.50
20	QPSK	50	0	23.87	24.06	24.03	25.00
20	QPSK	50	24	23.97	23.95	24.03	25.00
20	QPSK	50	50	23.95	23.96	24.15	25.00
20	QPSK	100	0	23.99	24.03	24.22	25.00
20	16QAM	1	0	23.98	24.01	24.09	25.00
20	16QAM	1	49	23.97	24.06	24.05	25.00
20	16QAM	1	99	24.05	23.98	24.18	25.00
20	16QAM	50	0	22.87	22.99	23.16	24.00
20	16QAM	50	24	22.97	23.01	23.09	24.00
20	16QAM	50	50	22.94	23.06	23.14	24.00
20	16QAM	100	0	22.97	22.99	23.17	24.00
20	64QAM	1	0	22.75	23.01	23.10	24.00
20	64QAM	1	49	23.18	23.11	23.34	24.00
20	64QAM	1	99	23.05	23.16	23.21	24.00
20	64QAM	50	0	21.93	22.05	22.12	23.00
20	64QAM	50	24	21.95	22.02	22.00	23.00
20	64QAM	50	50	21.91	22.08	22.16	23.00
20	64QAM	100	0	21.97	22.02	22.24	23.00
20	256QAM	1	0	19.75	19.82	20.26	21.00
20	256QAM	1	49	20.12	20.13	20.17	21.00
20	256QAM	1	99	20.17	20.27	20.34	21.00
20	256QAM	50	0	19.91	19.98	20.03	21.00
20	256QAM	50	24	19.95	20.03	20.12	21.00
20	256QAM	50	50	20.03	20.11	20.10	21.00
20	256QAM	100	0	19.97	20.02	20.11	21.00
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	24.66	24.80	24.86	25.50
15	QPSK	1	37	24.75	24.76	24.80	25.50



FCC SAR TEST REPORT

Report No. :FA503114B

15	QPSK	1	74	24.98	24.82	24.81	25.50
15	QPSK	36	0	23.77	24.04	24.01	25.00
15	QPSK	36	20	23.95	23.86	23.94	25.00
15	QPSK	36	39	23.87	23.91	24.09	25.00
15	QPSK	75	0	23.91	23.91	24.18	25.00
15	16QAM	1	0	23.92	23.91	24.06	25.00
15	16QAM	1	37	23.84	23.94	23.97	25.00
15	16QAM	1	74	24.02	23.85	24.05	25.00
15	16QAM	36	0	22.79	22.91	23.14	24.00
15	16QAM	36	20	22.88	22.89	23.03	24.00
15	16QAM	36	39	22.79	22.99	23.01	24.00
15	16QAM	75	0	22.90	22.92	23.15	24.00
15	64QAM	1	0	22.64	22.94	23.00	24.00
15	64QAM	1	37	23.10	23.07	23.20	24.00
15	64QAM	1	74	23.04	23.11	23.16	24.00
15	64QAM	36	0	21.80	21.93	22.03	23.00
15	64QAM	36	20	21.94	21.90	21.91	23.00
15	64QAM	36	39	21.89	21.94	22.06	23.00
15	64QAM	75	0	21.84	21.98	22.11	23.00
15	256QAM	1	0	19.66	19.79	20.19	21.00
15	256QAM	1	37	20.05	20.05	20.13	21.00
15	256QAM	1	74	20.10	20.13	20.31	21.00
15	256QAM	36	0	19.78	19.93	19.93	21.00
15	256QAM	36	20	19.85	19.95	20.03	21.00
15	256QAM	36	39	19.91	20.00	19.98	21.00
15	256QAM	75	0	19.89	19.87	19.99	21.00
Channel				133172	133297	133422	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	24.69	24.92	24.95	25.50
10	QPSK	1	25	24.67	24.87	24.86	25.50
10	QPSK	1	49	24.96	24.89	24.90	25.50
10	QPSK	25	0	23.86	23.97	23.95	25.00
10	QPSK	25	12	23.96	23.87	23.99	25.00
10	QPSK	25	25	23.82	23.92	24.11	25.00
10	QPSK	50	0	23.85	24.01	24.16	25.00
10	16QAM	1	0	23.95	23.96	24.07	25.00
10	16QAM	1	25	23.88	24.03	24.01	25.00
10	16QAM	1	49	24.01	23.94	24.05	25.00
10	16QAM	25	0	22.83	22.86	23.10	24.00
10	16QAM	25	12	22.90	22.96	23.05	24.00
10	16QAM	25	25	22.81	22.96	23.10	24.00
10	16QAM	50	0	22.84	22.92	23.07	24.00
10	64QAM	1	0	22.69	22.95	23.03	24.00
10	64QAM	1	25	23.10	23.06	23.27	24.00
10	64QAM	1	49	22.92	23.03	23.09	24.00
10	64QAM	25	0	21.79	21.98	22.10	23.00
10	64QAM	25	12	21.90	21.90	21.90	23.00
10	64QAM	25	25	21.85	21.97	22.01	23.00
10	64QAM	50	0	21.85	22.01	22.09	23.00
10	256QAM	1	0	19.67	19.76	20.22	21.00
10	256QAM	1	25	20.06	20.05	20.03	21.00
10	256QAM	1	49	20.12	20.14	20.24	21.00
10	256QAM	25	0	19.80	19.92	19.97	21.00
10	256QAM	25	12	19.82	19.97	20.01	21.00
10	256QAM	25	25	20.02	19.97	20.09	21.00
10	256QAM	50	0	19.83	19.94	20.00	21.00
Channel				133147	133297	133447	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	24.69	24.79	24.85	25.50
5	QPSK	1	12	24.66	24.86	24.84	25.50
5	QPSK	1	24	24.86	24.85	24.78	25.50
5	QPSK	12	0	23.79	23.97	24.01	25.00
5	QPSK	12	7	23.82	23.89	23.97	25.00
5	QPSK	12	13	23.86	23.88	24.06	25.00
5	QPSK	25	0	23.94	23.90	24.11	25.00
5	16QAM	1	0	23.94	23.87	23.95	25.00
5	16QAM	1	12	23.87	23.96	24.02	25.00
5	16QAM	1	24	23.94	23.87	24.05	25.00
5	16QAM	12	0	22.81	22.86	23.11	24.00
5	16QAM	12	7	22.88	22.94	23.04	24.00
5	16QAM	12	13	22.80	22.97	23.00	24.00
5	16QAM	25	0	22.91	22.94	23.03	24.00
5	64QAM	1	0	22.63	23.00	23.05	24.00
5	64QAM	1	12	23.15	23.03	23.32	24.00
5	64QAM	1	24	22.96	23.04	23.19	24.00
5	64QAM	12	0	21.84	21.99	21.98	23.00
5	64QAM	12	7	21.93	21.87	21.98	23.00
5	64QAM	12	13	21.83	22.03	22.14	23.00

5	64QAM	25	0	21.82	21.94	22.14	23.00
5	256QAM	1	0	19.71	19.79	20.25	21.00
5	256QAM	1	12	20.06	20.11	20.15	21.00
5	256QAM	1	24	20.09	20.24	20.29	21.00
5	256QAM	12	0	19.82	19.96	19.96	21.00
5	256QAM	12	7	19.86	19.92	20.10	21.00
5	256QAM	12	13	19.92	19.98	19.97	21.00
5	256QAM	25	0	19.94	19.89	20.05	21.00

【LTE Band 71_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				133222	133297	133372	Tune-up limit (dBm)
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	24.82	24.94	25.00	25.50
20	QPSK	1	49	24.79	24.89	24.88	25.50
20	QPSK	1	99	24.80	24.91	24.92	25.50
20	QPSK	50	0	23.87	24.06	24.03	25.00
20	QPSK	50	24	23.97	23.95	24.03	25.00
20	QPSK	50	50	23.95	23.96	24.15	25.00
20	QPSK	100	0	23.99	24.03	24.22	25.00
20	16QAM	1	0	23.98	24.01	24.09	25.00
20	16QAM	1	49	23.97	24.06	24.05	25.00
20	16QAM	1	99	24.05	23.98	24.18	25.00
20	16QAM	50	0	22.87	22.99	23.16	24.00
20	16QAM	50	24	22.97	23.01	23.09	24.00
20	16QAM	50	50	22.94	23.06	23.14	24.00
20	16QAM	100	0	22.97	22.99	23.17	24.00
20	64QAM	1	0	22.75	23.01	23.10	24.00
20	64QAM	1	49	23.18	23.11	23.34	24.00
20	64QAM	1	99	23.05	23.16	23.21	24.00
20	64QAM	50	0	21.93	22.05	22.12	23.00
20	64QAM	50	24	21.95	22.02	22.00	23.00
20	64QAM	50	50	21.91	22.08	22.16	23.00
20	64QAM	100	0	21.97	22.02	22.24	23.00
20	256QAM	1	0	19.75	19.82	20.26	21.00
20	256QAM	1	49	20.12	20.13	20.17	21.00
20	256QAM	1	99	20.17	20.27	20.34	21.00
20	256QAM	50	0	19.91	19.98	20.03	21.00
20	256QAM	50	24	19.95	20.03	20.12	21.00
20	256QAM	50	50	20.03	20.11	20.10	21.00
20	256QAM	100	0	19.97	20.02	20.11	21.00
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	24.66	24.80	24.86	25.50
15	QPSK	1	37	24.75	24.76	24.80	25.50
15	QPSK	1	74	24.98	24.82	24.81	25.50
15	QPSK	36	0	23.77	24.04	24.01	25.00
15	QPSK	36	20	23.95	23.86	23.94	25.00
15	QPSK	36	39	23.87	23.91	24.09	25.00
15	QPSK	75	0	23.91	23.91	24.18	25.00
15	16QAM	1	0	23.92	23.91	24.06	25.00
15	16QAM	1	37	23.84	23.94	23.97	25.00
15	16QAM	1	74	24.02	23.85	24.05	25.00
15	16QAM	36	0	22.79	22.91	23.14	24.00
15	16QAM	36	20	22.88	22.89	23.03	24.00
15	16QAM	36	39	22.79	22.99	23.01	24.00
15	16QAM	75	0	22.90	22.92	23.15	24.00
15	64QAM	1	0	22.64	22.94	23.00	24.00
15	64QAM	1	37	23.10	23.07	23.20	24.00
15	64QAM	1	74	23.04	23.11	23.16	24.00
15	64QAM	36	0	21.80	21.93	22.03	23.00
15	64QAM	36	20	21.94	21.90	21.91	23.00
15	64QAM	36	39	21.89	21.94	22.06	23.00
15	64QAM	75	0	21.84	21.98	22.11	23.00
15	256QAM	1	0	19.66	19.79	20.19	21.00
15	256QAM	1	37	20.05	20.05	20.13	21.00
15	256QAM	1	74	20.10	20.13	20.31	21.00
15	256QAM	36	0	19.78	19.93	19.93	21.00
15	256QAM	36	20	19.85	19.95	20.03	21.00
15	256QAM	36	39	19.91	20.00	19.98	21.00
15	256QAM	75	0	19.89	19.87	19.99	21.00
Channel				133172	133297	133422	Tune-up limit

Frequency (MHz)				668	680.5	693	(dBm)
10	QPSK	1	0	24.69	24.92	24.95	25.50
10	QPSK	1	25	24.67	24.87	24.86	25.50
10	QPSK	1	49	24.96	24.89	24.90	25.50
10	QPSK	25	0	23.86	23.97	23.95	25.00
10	QPSK	25	12	23.96	23.87	23.99	25.00
10	QPSK	25	25	23.82	23.92	24.11	25.00
10	QPSK	50	0	23.85	24.01	24.16	25.00
10	16QAM	1	0	23.95	23.96	24.07	25.00
10	16QAM	1	25	23.88	24.03	24.01	25.00
10	16QAM	1	49	24.01	23.94	24.05	25.00
10	16QAM	25	0	22.83	22.86	23.10	24.00
10	16QAM	25	12	22.90	22.96	23.05	24.00
10	16QAM	25	25	22.81	22.96	23.10	24.00
10	16QAM	50	0	22.84	22.92	23.07	24.00
10	64QAM	1	0	22.69	22.95	23.03	24.00
10	64QAM	1	25	23.10	23.06	23.27	24.00
10	64QAM	1	49	22.92	23.03	23.09	24.00
10	64QAM	25	0	21.79	21.98	22.10	23.00
10	64QAM	25	12	21.90	21.90	21.90	23.00
10	64QAM	25	25	21.85	21.97	22.01	23.00
10	64QAM	50	0	21.85	22.01	22.09	23.00
10	256QAM	1	0	19.67	19.76	20.22	21.00
10	256QAM	1	25	20.06	20.05	20.03	21.00
10	256QAM	1	49	20.12	20.14	20.24	21.00
10	256QAM	25	0	19.80	19.92	19.97	21.00
10	256QAM	25	12	19.82	19.97	20.01	21.00
10	256QAM	25	25	20.02	19.97	20.09	21.00
10	256QAM	50	0	19.83	19.94	20.00	21.00
Channel				133147	133297	133447	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	QPSK	1	0	24.69	24.79	24.85	25.50
5	QPSK	1	12	24.66	24.86	24.84	25.50
5	QPSK	1	24	24.86	24.85	24.78	25.50
5	QPSK	12	0	23.79	23.97	24.01	25.00
5	QPSK	12	7	23.82	23.89	23.97	25.00
5	QPSK	12	13	23.86	23.88	24.06	25.00
5	QPSK	25	0	23.94	23.90	24.11	25.00
5	16QAM	1	0	23.94	23.87	23.95	25.00
5	16QAM	1	12	23.87	23.96	24.02	25.00
5	16QAM	1	24	23.94	23.87	24.05	25.00
5	16QAM	12	0	22.81	22.86	23.11	24.00
5	16QAM	12	7	22.88	22.94	23.04	24.00
5	16QAM	12	13	22.80	22.97	23.00	24.00
5	16QAM	25	0	22.91	22.94	23.03	24.00
5	64QAM	1	0	22.63	23.00	23.05	24.00
5	64QAM	1	12	23.15	23.03	23.32	24.00
5	64QAM	1	24	22.96	23.04	23.19	24.00
5	64QAM	12	0	21.84	21.99	21.98	23.00
5	64QAM	12	7	21.93	21.87	21.98	23.00
5	64QAM	12	13	21.83	22.03	22.14	23.00
5	64QAM	25	0	21.82	21.94	22.14	23.00
5	256QAM	1	0	19.71	19.79	20.25	21.00
5	256QAM	1	12	20.06	20.11	20.15	21.00
5	256QAM	1	24	20.09	20.24	20.29	21.00
5	256QAM	12	0	19.82	19.96	19.96	21.00
5	256QAM	12	7	19.86	19.92	20.10	21.00
5	256QAM	12	13	19.92	19.98	19.97	21.00
5	256QAM	25	0	19.94	19.89	20.05	21.00

【LTE Band 106_Ant 8_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					134322		
Frequency (MHz)					899		
3	QPSK	1	0		24.85		25.00
3	QPSK	1	8		24.81		25.00
3	QPSK	1	14		24.71		25.00
3	QPSK	8	0		23.90		24.00
3	QPSK	8	4		23.90		24.00
3	QPSK	8	7		23.81		24.00
3	QPSK	15	0		23.85		24.00
3	16QAM	1	0		23.88		24.00

3	16QAM	1	8		24.00		24.00
3	16QAM	1	14		23.92		24.00
3	16QAM	8	0		22.87		23.00
3	16QAM	8	4		22.92		23.00
3	16QAM	8	7		22.78		23.00
3	16QAM	15	0		22.89		23.00
3	64QAM	1	0		22.93		23.00
3	64QAM	1	8		23.00		23.00
3	64QAM	1	14		22.92		23.00
3	64QAM	8	0		21.89		22.00
3	64QAM	8	4		21.91		22.00
3	64QAM	8	7		21.82		22.00
3	64QAM	15	0		21.89		22.00
3	256QAM	1	0		19.83		20.00
3	256QAM	1	8		19.89		20.00
3	256QAM	1	14		19.87		20.00
3	256QAM	8	0		19.89		20.00
3	256QAM	8	4		19.90		20.00
3	256QAM	8	7		19.78		20.00
3	256QAM	15	0		19.89		20.00
Channel				134314	134322	134330	Tune-up limit
Frequency (MHz)				898.2	899	899.8	(dBm)
1.4	QPSK	1	0	24.61	24.73	24.72	25.00
1.4	QPSK	1	3	24.56	24.56	24.52	25.00
1.4	QPSK	1	5	24.37	24.52	24.53	25.00
1.4	QPSK	3	0	23.65	23.68	23.65	25.00
1.4	QPSK	3	1	23.47	23.57	23.72	25.00
1.4	QPSK	3	3	23.43	23.53	23.54	25.00
1.4	QPSK	6	0	23.44	23.60	23.56	24.00
1.4	16QAM	1	0	23.59	23.64	23.61	24.00
1.4	16QAM	1	3	23.67	23.74	23.73	24.00
1.4	16QAM	1	5	23.54	23.72	23.67	24.00
1.4	16QAM	3	0	22.52	22.65	22.62	24.00
1.4	16QAM	3	1	22.68	22.76	22.60	24.00
1.4	16QAM	3	3	22.53	22.55	22.45	24.00
1.4	16QAM	6	0	22.50	22.55	22.76	23.00
1.4	64QAM	1	0	22.46	22.63	22.70	23.00
1.4	64QAM	1	3	22.69	22.75	22.73	23.00
1.4	64QAM	1	5	22.56	22.75	22.67	23.00
1.4	64QAM	3	0	21.55	21.64	21.64	23.00
1.4	64QAM	3	1	21.48	21.56	21.68	23.00
1.4	64QAM	3	3	21.38	21.62	21.63	23.00
1.4	64QAM	6	0	21.58	21.75	21.58	22.00
1.4	256QAM	1	0	19.41	19.59	19.64	20.00
1.4	256QAM	1	3	19.61	19.58	19.65	20.00
1.4	256QAM	1	5	19.53	19.71	19.59	20.00
1.4	256QAM	3	0	19.44	19.58	19.62	20.00
1.4	256QAM	3	1	19.54	19.63	19.63	20.00
1.4	256QAM	3	3	19.38	19.60	19.53	20.00
1.4	256QAM	6	0	19.66	19.65	19.65	20.00

【LTE Band 106_Ant 8_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					134322		
Frequency (MHz)					899		
3	QPSK	1	0		24.85		25.00
3	QPSK	1	8		24.81		25.00
3	QPSK	1	14		24.71		25.00
3	QPSK	8	0		23.90		24.00
3	QPSK	8	4		23.90		24.00
3	QPSK	8	7		23.81		24.00
3	QPSK	15	0		23.85		24.00
3	16QAM	1	0		23.88		24.00
3	16QAM	1	8		24.00		24.00
3	16QAM	1	14		23.92		24.00
3	16QAM	8	0		22.87		23.00
3	16QAM	8	4		22.92		23.00
3	16QAM	8	7		22.78		23.00
3	16QAM	15	0		22.89		23.00
3	64QAM	1	0		22.93		23.00
3	64QAM	1	8		23.00		23.00
3	64QAM	1	14		22.92		23.00

3	64QAM	8	0		21.89		22.00
3	64QAM	8	4		21.91		22.00
3	64QAM	8	7		21.82		22.00
3	64QAM	15	0		21.89		22.00
3	256QAM	1	0		19.83		20.00
3	256QAM	1	8		19.89		20.00
3	256QAM	1	14		19.87		20.00
3	256QAM	8	0		19.89		20.00
3	256QAM	8	4		19.90		20.00
3	256QAM	8	7		19.78		20.00
3	256QAM	15	0		19.89		20.00
Channel				134314	134322	134330	Tune-up limit
Frequency (MHz)				898.2	899	899.8	(dBm)
1.4	QPSK	1	0	24.61	24.73	24.72	25.00
1.4	QPSK	1	3	24.56	24.56	24.52	25.00
1.4	QPSK	1	5	24.37	24.52	24.53	25.00
1.4	QPSK	3	0	23.65	23.68	23.65	25.00
1.4	QPSK	3	1	23.47	23.57	23.72	25.00
1.4	QPSK	3	3	23.43	23.53	23.54	25.00
1.4	QPSK	6	0	23.44	23.60	23.56	24.00
1.4	16QAM	1	0	23.59	23.64	23.61	24.00
1.4	16QAM	1	3	23.67	23.74	23.73	24.00
1.4	16QAM	1	5	23.54	23.72	23.67	24.00
1.4	16QAM	3	0	22.52	22.65	22.62	24.00
1.4	16QAM	3	1	22.68	22.76	22.60	24.00
1.4	16QAM	3	3	22.53	22.55	22.45	24.00
1.4	16QAM	6	0	22.50	22.55	22.76	23.00
1.4	64QAM	1	0	22.46	22.63	22.70	23.00
1.4	64QAM	1	3	22.69	22.75	22.73	23.00
1.4	64QAM	1	5	22.56	22.75	22.67	23.00
1.4	64QAM	3	0	21.55	21.64	21.64	23.00
1.4	64QAM	3	1	21.48	21.56	21.68	23.00
1.4	64QAM	3	3	21.38	21.62	21.63	23.00
1.4	64QAM	6	0	21.58	21.75	21.58	22.00
1.4	256QAM	1	0	19.41	19.59	19.64	20.00
1.4	256QAM	1	3	19.61	19.58	19.65	20.00
1.4	256QAM	1	5	19.53	19.71	19.59	20.00
1.4	256QAM	3	0	19.44	19.58	19.62	20.00
1.4	256QAM	3	1	19.54	19.63	19.63	20.00
1.4	256QAM	3	3	19.38	19.60	19.53	20.00
1.4	256QAM	6	0	19.66	19.65	19.65	20.00

【LTE Band 106_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					134322		
Frequency (MHz)					899		
3	QPSK	1	0		24.85		25.00
3	QPSK	1	8		24.81		25.00
3	QPSK	1	14		24.71		25.00
3	QPSK	8	0		23.90		24.00
3	QPSK	8	4		23.90		24.00
3	QPSK	8	7		23.81		24.00
3	QPSK	15	0		23.85		24.00
3	16QAM	1	0		23.88		24.00
3	16QAM	1	8		24.00		24.00
3	16QAM	1	14		23.92		24.00
3	16QAM	8	0		22.87		23.00
3	16QAM	8	4		22.92		23.00
3	16QAM	8	7		22.78		23.00
3	16QAM	15	0		22.89		23.00
3	64QAM	1	0		22.93		23.00
3	64QAM	1	8		23.00		23.00
3	64QAM	1	14		22.92		23.00
3	64QAM	8	0		21.89		22.00
3	64QAM	8	4		21.91		22.00
3	64QAM	8	7		21.82		22.00
3	64QAM	15	0		21.89		22.00
3	256QAM	1	0		19.83		20.00
3	256QAM	1	8		19.89		20.00
3	256QAM	1	14		19.87		20.00
3	256QAM	8	0		19.89		20.00
3	256QAM	8	4		19.90		20.00

3	256QAM	8	7		19.78		20.00
3	256QAM	15	0		19.89		20.00
Channel				134314	134322	134330	Tune-up limit
Frequency (MHz)				898.2	899	899.8	(dBm)
1.4	QPSK	1	0	24.61	24.73	24.72	25.00
1.4	QPSK	1	3	24.56	24.56	24.52	25.00
1.4	QPSK	1	5	24.37	24.52	24.53	25.00
1.4	QPSK	3	0	23.65	23.68	23.65	25.00
1.4	QPSK	3	1	23.47	23.57	23.72	25.00
1.4	QPSK	3	3	23.43	23.53	23.54	25.00
1.4	QPSK	6	0	23.44	23.60	23.56	24.00
1.4	16QAM	1	0	23.59	23.64	23.61	24.00
1.4	16QAM	1	3	23.67	23.74	23.73	24.00
1.4	16QAM	1	5	23.54	23.72	23.67	24.00
1.4	16QAM	3	0	22.52	22.65	22.62	24.00
1.4	16QAM	3	1	22.68	22.76	22.60	24.00
1.4	16QAM	3	3	22.53	22.55	22.45	24.00
1.4	16QAM	6	0	22.50	22.55	22.76	23.00
1.4	64QAM	1	0	22.46	22.63	22.70	23.00
1.4	64QAM	1	3	22.69	22.75	22.73	23.00
1.4	64QAM	1	5	22.56	22.75	22.67	23.00
1.4	64QAM	3	0	21.55	21.64	21.64	23.00
1.4	64QAM	3	1	21.48	21.56	21.68	23.00
1.4	64QAM	3	3	21.38	21.62	21.63	23.00
1.4	64QAM	6	0	21.58	21.75	21.58	22.00
1.4	256QAM	1	0	19.41	19.59	19.64	20.00
1.4	256QAM	1	3	19.61	19.58	19.65	20.00
1.4	256QAM	1	5	19.53	19.71	19.59	20.00
1.4	256QAM	3	0	19.44	19.58	19.62	20.00
1.4	256QAM	3	1	19.54	19.63	19.63	20.00
1.4	256QAM	3	3	19.38	19.60	19.53	20.00
1.4	256QAM	6	0	19.66	19.65	19.65	20.00

【LTE Band 106_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					134322		
Frequency (MHz)					899		
3	QPSK	1	0		24.85		25.00
3	QPSK	1	8		24.81		25.00
3	QPSK	1	14		24.71		25.00
3	QPSK	8	0		23.90		24.00
3	QPSK	8	4		23.90		24.00
3	QPSK	8	7		23.81		24.00
3	QPSK	15	0		23.85		24.00
3	16QAM	1	0		23.88		24.00
3	16QAM	1	8		24.00		24.00
3	16QAM	1	14		23.92		24.00
3	16QAM	8	0		22.87		23.00
3	16QAM	8	4		22.92		23.00
3	16QAM	8	7		22.78		23.00
3	16QAM	15	0		22.89		23.00
3	64QAM	1	0		22.93		23.00
3	64QAM	1	8		23.00		23.00
3	64QAM	1	14		22.92		23.00
3	64QAM	8	0		21.89		22.00
3	64QAM	8	4		21.91		22.00
3	64QAM	8	7		21.82		22.00
3	64QAM	15	0		21.89		22.00
3	256QAM	1	0		19.83		20.00
3	256QAM	1	8		19.89		20.00
3	256QAM	1	14		19.87		20.00
3	256QAM	8	0		19.89		20.00
3	256QAM	8	4		19.90		20.00
3	256QAM	8	7		19.78		20.00
3	256QAM	15	0		19.89		20.00
Channel				134314	134322	134330	Tune-up limit
Frequency (MHz)				898.2	899	899.8	(dBm)
1.4	QPSK	1	0	24.61	24.73	24.72	25.00
1.4	QPSK	1	3	24.56	24.56	24.52	25.00
1.4	QPSK	1	5	24.37	24.52	24.53	25.00
1.4	QPSK	3	0	23.65	23.68	23.65	25.00
1.4	QPSK	3	1	23.47	23.57	23.72	25.00

1.4	QPSK	3	3	23.43	23.53	23.54	25.00
1.4	QPSK	6	0	23.44	23.60	23.56	24.00
1.4	16QAM	1	0	23.59	23.64	23.61	24.00
1.4	16QAM	1	3	23.67	23.74	23.73	24.00
1.4	16QAM	1	5	23.54	23.72	23.67	24.00
1.4	16QAM	3	0	22.52	22.65	22.62	24.00
1.4	16QAM	3	1	22.68	22.76	22.60	24.00
1.4	16QAM	3	3	22.53	22.55	22.45	24.00
1.4	16QAM	6	0	22.50	22.55	22.76	23.00
1.4	64QAM	1	0	22.46	22.63	22.70	23.00
1.4	64QAM	1	3	22.69	22.75	22.73	23.00
1.4	64QAM	1	5	22.56	22.75	22.67	23.00
1.4	64QAM	3	0	21.55	21.64	21.64	23.00
1.4	64QAM	3	1	21.48	21.56	21.68	23.00
1.4	64QAM	3	3	21.38	21.62	21.63	23.00
1.4	64QAM	6	0	21.58	21.75	21.58	22.00
1.4	256QAM	1	0	19.41	19.59	19.64	20.00
1.4	256QAM	1	3	19.61	19.58	19.65	20.00
1.4	256QAM	1	5	19.53	19.71	19.59	20.00
1.4	256QAM	3	0	19.44	19.58	19.62	20.00
1.4	256QAM	3	1	19.54	19.63	19.63	20.00
1.4	256QAM	3	3	19.38	19.60	19.53	20.00
1.4	256QAM	6	0	19.66	19.65	19.65	20.00

【LTE Band 106_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					134322		
Frequency (MHz)					899		
3	QPSK	1	0		24.85		25.00
3	QPSK	1	8		24.81		25.00
3	QPSK	1	14		24.71		25.00
3	QPSK	8	0		23.90		24.00
3	QPSK	8	4		23.90		24.00
3	QPSK	8	7		23.81		24.00
3	QPSK	15	0		23.85		24.00
3	16QAM	1	0		23.88		24.00
3	16QAM	1	8		24.00		24.00
3	16QAM	1	14		23.92		24.00
3	16QAM	8	0		22.87		23.00
3	16QAM	8	4		22.92		23.00
3	16QAM	8	7		22.78		23.00
3	16QAM	15	0		22.89		23.00
3	64QAM	1	0		22.93		23.00
3	64QAM	1	8		23.00		23.00
3	64QAM	1	14		22.92		23.00
3	64QAM	8	0		21.89		22.00
3	64QAM	8	4		21.91		22.00
3	64QAM	8	7		21.82		22.00
3	64QAM	15	0		21.89		22.00
3	256QAM	1	0		19.83		20.00
3	256QAM	1	8		19.89		20.00
3	256QAM	1	14		19.87		20.00
3	256QAM	8	0		19.89		20.00
3	256QAM	8	4		19.90		20.00
3	256QAM	8	7		19.78		20.00
3	256QAM	15	0		19.89		20.00
Channel				134314	134322	134330	Tune-up limit
Frequency (MHz)				898.2	899	899.8	(dBm)
1.4	QPSK	1	0	24.61	24.73	24.72	25.00
1.4	QPSK	1	3	24.56	24.56	24.52	25.00
1.4	QPSK	1	5	24.37	24.52	24.53	25.00
1.4	QPSK	3	0	23.65	23.68	23.65	25.00
1.4	QPSK	3	1	23.47	23.57	23.72	25.00
1.4	QPSK	3	3	23.43	23.53	23.54	25.00
1.4	QPSK	6	0	23.44	23.60	23.56	24.00
1.4	16QAM	1	0	23.59	23.64	23.61	24.00
1.4	16QAM	1	3	23.67	23.74	23.73	24.00
1.4	16QAM	1	5	23.54	23.72	23.67	24.00
1.4	16QAM	3	0	22.52	22.65	22.62	24.00
1.4	16QAM	3	1	22.68	22.76	22.60	24.00
1.4	16QAM	3	3	22.53	22.55	22.45	24.00
1.4	16QAM	6	0	22.50	22.55	22.76	23.00



FCC SAR TEST REPORT

Report No. :FA503114B

1.4	64QAM	1	0	22.46	22.63	22.70	23.00
1.4	64QAM	1	3	22.69	22.75	22.73	23.00
1.4	64QAM	1	5	22.56	22.75	22.67	23.00
1.4	64QAM	3	0	21.55	21.64	21.64	23.00
1.4	64QAM	3	1	21.48	21.56	21.68	23.00
1.4	64QAM	3	3	21.38	21.62	21.63	23.00
1.4	64QAM	6	0	21.58	21.75	21.58	22.00
1.4	256QAM	1	0	19.41	19.59	19.64	20.00
1.4	256QAM	1	3	19.61	19.58	19.65	20.00
1.4	256QAM	1	5	19.53	19.71	19.59	20.00
1.4	256QAM	3	0	19.44	19.58	19.62	20.00
1.4	256QAM	3	1	19.54	19.63	19.63	20.00
1.4	256QAM	3	3	19.38	19.60	19.53	20.00
1.4	256QAM	6	0	19.66	19.65	19.65	20.00

2. 5G NR Output Power (Unit: dBm)

General Note:

1. Referencing the procedure in KDB 941225, the test procedures are outlined as below
 - a. For DFT-OFDM output power measurement, full measurement was done for Pi/2 BPSK and QPSK and for the largest supported bandwidth, repeat test for 16QAM/64QAM/256QAM under 1RB 1Offset configuration. For smaller bandwidth, measure conducted power for Pi/2 BPSK and 1RB 1Offset configuration.
 - b. According to the tune-up, CP-OFDM output power is not ½ dB higher than DFT-OFDM mode, and the reported SAR of DFT-OFDM mode reported SAR is ≤ 1.45 W/kg, SAR test and thus conducted power for CP-OFDM mode is not required.
 - c. To start SAR test for the largest channel bandwidth for Pi/2 BPSK with 1 RB allocation, using the RB offset and required test channel combination with the highest maximum output power for RB offsets at the upper edge, middle and lower edge of each required test channel. Also do SAR test for 50% RB allocation for Pi/2 BPSK SAR testing using 1RB Pi/2 BPSK allocation procedure
 - d. For Pi/2 BPSK with 100% RB allocation, SAR test is not required when the highest maximum output power for 100 % RB allocation is less than the highest maximum output power in 50% and 1 RB allocations and the highest reported SAR for 1 RB and 50% RB allocation are ≤ 0.8 W/kg. Otherwise, SAR is measured for the highest output power channel; and if the reported SAR is > 1.45 W/kg, the remaining required test channels must also be tested.
 - e. For higher modulation QPSK/16QAM/64QAM/256QAM, according to tune-up document the power level is not ½ dB higher than the same configuration in Pi/2 BPSK, also reported SAR for the Pi/2 BPSK configuration is less than 1.45 W/kg, QPSK/16QAM/64QAM/256QAM SAR testing are not required.
 - f. Smaller bandwidth output power for each RB allocation configuration for this device is not ½ dB higher than the same configuration in the largest supported bandwidth, and the reported SAR for the largest supported bandwidth is ≤ 1.45 W/kg, smaller bandwidth SAR testing is not required for this device
2. Due to test setup limitations, SAR testing for NR was performed using Factory Test Mode software to establish the connection and perform SAR with 100% transmission. And only for TDD power class2 was performed using Factory Test Mode software to establish the connection and perform SAR with 50% transmission.

< 3GPP 38.101 MPR for EN-DC >

Table 6.2.2-1 Maximum power reduction (MPR) for power class 3

Modulation		MPR (dB)		
		Edge RB allocations	Outer RB allocations	Inner RB allocations
DFT-s-OFDM	Pi/2 BPSK	$\leq 3.5^1$	$\leq 1.2^1$	$\leq 0.2^1$
		$\leq 0.5^2$	$\leq 0.5^2$	0 ²
	QPSK	≤ 1		0
	16 QAM	≤ 2		≤ 1
	64 QAM	≤ 2.5		
CP-OFDM	256 QAM	≤ 4.5		
	QPSK	≤ 3		≤ 1.5
	16 QAM	≤ 3		≤ 2
	64 QAM	≤ 3.5		
	256 QAM	≤ 6.5		

NOTE 1: Applicable for UE operating in TDD mode with Pi/2 BPSK modulation and UE indicates support for UE capability *powerBoosting-pi2BPSK* and if the IE *powerBoostPi2BPSK* is set to 1 and 40 % or less slots in radio frame are used for UL transmission for bands n40, n41, n77, n78 and n79. The reference power of 0 dB MPR is 26 dBm.

NOTE 2: Applicable for UE operating in FDD mode, or in TDD mode in bands other than n40, n41, n77, n78 and n79 with Pi/2 BPSK modulation and if the IE *powerBoostPi2BPSK* is set to 0 and if more than 40 % of slots in radio frame are used for UL transmission for bands n40, n41, n77, n78 and n79.

Table 6.2.2-2 Maximum power reduction (MPR) for power class 2

Modulation		MPR (dB)		
		Edge RB allocations	Outer RB allocations	Inner RB allocations
DFT-s-OFDM	Pi/2 BPSK	≤ 3.5	≤ 0.5	0
	QPSK	≤ 3.5	≤ 1	0
	16 QAM	≤ 3.5	≤ 2	≤ 1
	64 QAM	≤ 3.5	≤ 2.5	
	256 QAM	≤ 4.5		
CP-OFDM	QPSK	≤ 3.5	≤ 3	≤ 1.5
	16 QAM	≤ 3.5	≤ 3	≤ 2
	64 QAM	≤ 3.5		
	256 QAM	≤ 6.5		

【FR1 n2_Ant 1_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	24.68	24.76	24.60	25.00
20	PI/2 BPSK	1	53	24.54	24.65	24.49	25.00
20	PI/2 BPSK	1	104	24.38	24.51	24.36	25.00
20	PI/2 BPSK	50	0	24.03	24.15	23.97	24.50
20	PI/2 BPSK	50	28	24.54	24.60	24.42	25.00
20	PI/2 BPSK	50	56	24.02	24.07	23.94	24.50
20	PI/2 BPSK	100	0	24.02	24.12	23.91	24.50
20	QPSK	1	1	24.55	24.70	24.52	25.00
20	QPSK	1	53	24.68	24.70	24.60	25.00
20	QPSK	1	104	24.48	24.60	24.48	25.00
20	QPSK	50	0	23.50	23.65	23.44	24.00
20	QPSK	50	28	24.48	24.61	24.40	25.00
20	QPSK	50	56	23.52	23.58	23.41	24.00
20	QPSK	100	0	23.49	23.60	23.49	24.00
20	16QAM	1	1	23.52	23.60	23.44	24.00
20	64QAM	1	1	21.68	21.82	21.66	22.50
20	256QAM	1	1	19.82	19.94	19.74	20.50
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	24.62	24.68	24.49	25.00
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	24.64	24.57	24.49	25.00
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	24.64	24.55	24.55	25.00

【FR1 n2_Ant 1_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	22.58	22.66	22.48	22.70
20	PI/2 BPSK	1	53	22.44	22.55	22.24	22.70
20	PI/2 BPSK	1	104	22.32	22.52	22.25	22.70
20	PI/2 BPSK	50	0	22.40	22.52	22.31	22.70
20	PI/2 BPSK	50	28	22.43	22.53	22.23	22.70
20	PI/2 BPSK	50	56	22.30	22.47	22.23	22.70
20	PI/2 BPSK	100	0	22.30	22.53	22.33	22.70
20	QPSK	1	1	22.29	22.52	22.28	22.70
20	QPSK	1	53	22.35	22.46	22.17	22.70
20	QPSK	1	104	22.19	22.34	22.12	22.70
20	QPSK	50	0	22.32	22.54	22.29	22.70
20	QPSK	50	28	22.30	22.50	22.29	22.70
20	QPSK	50	56	22.28	22.48	22.18	22.70
20	QPSK	100	0	22.38	22.51	22.32	22.70
20	16QAM	1	1	22.45	22.60	22.41	22.70
20	64QAM	1	1	21.98	22.19	21.88	22.50
20	256QAM	1	1	19.69	19.82	19.63	20.50
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	22.52	22.60	22.46	22.70
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	22.55	22.58	22.40	22.70
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	22.55	22.54	22.39	22.70

【FR1 n2_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				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	24.68	24.76	24.60	25.00
20	PI/2 BPSK	1	53	24.54	24.65	24.49	25.00
20	PI/2 BPSK	1	104	24.38	24.51	24.36	25.00
20	PI/2 BPSK	50	0	24.03	24.15	23.97	24.50
20	PI/2 BPSK	50	28	24.54	24.60	24.42	25.00
20	PI/2 BPSK	50	56	24.02	24.07	23.94	24.50
20	PI/2 BPSK	100	0	24.02	24.12	23.91	24.50
20	QPSK	1	1	24.55	24.70	24.52	25.00
20	QPSK	1	53	24.68	24.70	24.60	25.00
20	QPSK	1	104	24.48	24.60	24.48	25.00
20	QPSK	50	0	23.50	23.65	23.44	24.00
20	QPSK	50	28	24.48	24.61	24.40	25.00
20	QPSK	50	56	23.52	23.58	23.41	24.00
20	QPSK	100	0	23.49	23.60	23.49	24.00
20	16QAM	1	1	23.52	23.60	23.44	24.00
20	64QAM	1	1	21.68	21.82	21.66	22.50
20	256QAM	1	1	19.82	19.94	19.74	20.50
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	24.62	24.68	24.49	25.00
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	24.64	24.57	24.49	25.00
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	24.64	24.55	24.55	25.00

【FR1 n2_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				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	22.08	22.17	22.06	22.50
20	PI/2 BPSK	1	53	22.02	22.01	21.89	22.50
20	PI/2 BPSK	1	104	21.98	21.98	21.82	22.50
20	PI/2 BPSK	50	0	21.97	21.93	21.86	22.50
20	PI/2 BPSK	50	28	22.05	22.07	21.93	22.50
20	PI/2 BPSK	50	56	21.98	21.98	21.87	22.50
20	PI/2 BPSK	100	0	22.03	22.06	21.95	22.50
20	QPSK	1	1	22.11	22.05	21.98	22.50
20	QPSK	1	53	22.06	22.12	21.95	22.50
20	QPSK	1	104	21.93	21.89	21.88	22.50
20	QPSK	50	0	22.06	22.10	21.96	22.50
20	QPSK	50	28	22.03	22.04	21.96	22.50
20	QPSK	50	56	21.99	21.95	21.90	22.50
20	QPSK	100	0	22.04	21.99	21.92	22.50
20	16QAM	1	1	22.07	22.13	21.98	22.50
20	64QAM	1	1	22.01	21.98	21.86	22.50
20	256QAM	1	1	19.67	19.68	19.60	20.50
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	22.02	22.06	21.98	22.50
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	22.04	22.12	21.92	22.50
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	22.00	22.05	22.02	22.50

【FR1 n2_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				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	22.58	22.66	22.48	22.70
20	PI/2 BPSK	1	53	22.44	22.55	22.24	22.70
20	PI/2 BPSK	1	104	22.32	22.52	22.25	22.70
20	PI/2 BPSK	50	0	22.40	22.52	22.31	22.70
20	PI/2 BPSK	50	28	22.43	22.53	22.23	22.70
20	PI/2 BPSK	50	56	22.30	22.47	22.23	22.70
20	PI/2 BPSK	100	0	22.30	22.53	22.33	22.70
20	QPSK	1	1	22.29	22.52	22.28	22.70
20	QPSK	1	53	22.35	22.46	22.17	22.70
20	QPSK	1	104	22.19	22.34	22.12	22.70
20	QPSK	50	0	22.32	22.54	22.29	22.70
20	QPSK	50	28	22.30	22.50	22.29	22.70
20	QPSK	50	56	22.28	22.48	22.18	22.70
20	QPSK	100	0	22.38	22.51	22.32	22.70
20	16QAM	1	1	22.45	22.60	22.41	22.70
20	64QAM	1	1	21.98	22.19	21.88	22.50
20	256QAM	1	1	19.69	19.82	19.63	20.50
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	22.52	22.60	22.46	22.70
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	22.55	22.58	22.40	22.70
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	22.55	22.54	22.39	22.70

【FR1 n2_Ant 5_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	24.11	24.31	24.22	25.00
20	PI/2 BPSK	1	53	24.02	24.27	24.08	25.00
20	PI/2 BPSK	1	104	24.02	24.23	24.07	25.00
20	PI/2 BPSK	50	0	23.37	23.66	23.49	24.50
20	PI/2 BPSK	50	28	23.96	24.23	24.14	25.00
20	PI/2 BPSK	50	56	23.41	23.72	23.63	24.50
20	PI/2 BPSK	100	0	23.47	23.65	23.51	24.50
20	QPSK	1	1	24.06	24.27	24.14	25.00
20	QPSK	1	53	24.07	24.29	24.08	25.00
20	QPSK	1	104	24.09	24.28	24.20	25.00
20	QPSK	50	0	22.98	23.19	23.01	24.00
20	QPSK	50	28	24.07	24.28	24.14	25.00
20	QPSK	50	56	23.04	23.23	23.14	24.00
20	QPSK	100	0	22.98	23.15	22.94	24.00
20	16QAM	1	1	22.99	23.22	23.09	24.00
20	64QAM	1	1	21.53	21.72	21.65	22.50
20	256QAM	1	1	19.22	19.48	19.38	20.50
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	24.04	24.20	24.17	25.00
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	24.09	24.19	24.16	25.00
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	23.96	24.22	24.15	25.00

【FR1 n2_Ant 5_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	24.11	24.31	24.22	25.00
20	PI/2 BPSK	1	53	24.02	24.27	24.08	25.00
20	PI/2 BPSK	1	104	24.02	24.23	24.07	25.00
20	PI/2 BPSK	50	0	23.37	23.66	23.49	24.50
20	PI/2 BPSK	50	28	23.96	24.23	24.14	25.00
20	PI/2 BPSK	50	56	23.41	23.72	23.63	24.50
20	PI/2 BPSK	100	0	23.47	23.65	23.51	24.50
20	QPSK	1	1	24.06	24.27	24.14	25.00
20	QPSK	1	53	24.07	24.29	24.08	25.00
20	QPSK	1	104	24.09	24.28	24.20	25.00
20	QPSK	50	0	22.98	23.19	23.01	24.00
20	QPSK	50	28	24.07	24.28	24.14	25.00
20	QPSK	50	56	23.04	23.23	23.14	24.00
20	QPSK	100	0	22.98	23.15	22.94	24.00
20	16QAM	1	1	22.99	23.22	23.09	24.00
20	64QAM	1	1	21.53	21.72	21.65	22.50
20	256QAM	1	1	19.22	19.48	19.38	20.50
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	24.04	24.20	24.17	25.00
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	24.09	24.19	24.16	25.00
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	23.96	24.22	24.15	25.00

【FR1 n2_Ant 5_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				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	24.11	24.31	24.22	25.00
20	PI/2 BPSK	1	53	24.02	24.27	24.08	25.00
20	PI/2 BPSK	1	104	24.02	24.23	24.07	25.00
20	PI/2 BPSK	50	0	23.37	23.66	23.49	24.50
20	PI/2 BPSK	50	28	23.96	24.23	24.14	25.00
20	PI/2 BPSK	50	56	23.41	23.72	23.63	24.50
20	PI/2 BPSK	100	0	23.47	23.65	23.51	24.50
20	QPSK	1	1	24.06	24.27	24.14	25.00
20	QPSK	1	53	24.07	24.29	24.08	25.00
20	QPSK	1	104	24.09	24.28	24.20	25.00
20	QPSK	50	0	22.98	23.19	23.01	24.00
20	QPSK	50	28	24.07	24.28	24.14	25.00
20	QPSK	50	56	23.04	23.23	23.14	24.00
20	QPSK	100	0	22.98	23.15	22.94	24.00
20	16QAM	1	1	22.99	23.22	23.09	24.00
20	64QAM	1	1	21.53	21.72	21.65	22.50
20	256QAM	1	1	19.22	19.48	19.38	20.50
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	24.04	24.20	24.17	25.00
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	24.09	24.19	24.16	25.00
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	23.96	24.22	24.15	25.00

【FR1 n2_Ant 5_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				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	23.00	23.26	23.22	24.20
20	PI/2 BPSK	1	53	22.86	23.25	23.09	24.20
20	PI/2 BPSK	1	104	22.84	23.20	23.04	24.20
20	PI/2 BPSK	50	0	22.79	23.16	23.02	24.20
20	PI/2 BPSK	50	28	22.79	23.20	23.07	24.20
20	PI/2 BPSK	50	56	22.83	23.19	23.04	24.20
20	PI/2 BPSK	100	0	22.79	23.15	22.97	24.20
20	QPSK	1	1	22.88	23.17	23.02	24.20
20	QPSK	1	53	22.78	23.18	23.06	24.20
20	QPSK	1	104	22.80	23.16	23.02	24.20
20	QPSK	50	0	22.82	23.13	22.94	24.00
20	QPSK	50	28	22.97	23.24	23.18	24.20
20	QPSK	50	56	22.80	23.19	23.05	24.00
20	QPSK	100	0	22.82	23.13	23.05	24.00
20	16QAM	1	1	22.90	23.20	23.14	24.00
20	64QAM	1	1	21.23	21.61	21.55	22.50
20	256QAM	1	1	19.02	19.37	19.23	20.50
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	22.88	23.13	23.16	24.20
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	22.96	23.21	23.16	24.20
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	22.95	23.18	23.19	24.20

【FR1 n2_Ant 5_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				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	24.11	24.31	24.22	25.00
20	PI/2 BPSK	1	53	24.02	24.27	24.08	25.00
20	PI/2 BPSK	1	104	24.02	24.23	24.07	25.00
20	PI/2 BPSK	50	0	23.37	23.66	23.49	24.50
20	PI/2 BPSK	50	28	23.96	24.23	24.14	25.00
20	PI/2 BPSK	50	56	23.41	23.72	23.63	24.50
20	PI/2 BPSK	100	0	23.47	23.65	23.51	24.50
20	QPSK	1	1	24.06	24.27	24.14	25.00
20	QPSK	1	53	24.07	24.29	24.08	25.00
20	QPSK	1	104	24.09	24.28	24.20	25.00
20	QPSK	50	0	22.98	23.19	23.01	24.00
20	QPSK	50	28	24.07	24.28	24.14	25.00
20	QPSK	50	56	23.04	23.23	23.14	24.00
20	QPSK	100	0	22.98	23.15	22.94	24.00
20	16QAM	1	1	22.99	23.22	23.09	24.00
20	64QAM	1	1	21.53	21.72	21.65	22.50
20	256QAM	1	1	19.22	19.48	19.38	20.50
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	24.04	24.20	24.17	25.00
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	24.09	24.19	24.16	25.00
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	23.96	24.22	24.15	25.00

【FR1 n5_Ant 8_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	24.97	24.85	24.89	25.00
20	PI/2 BPSK	1	53	24.80	24.71	24.61	25.00
20	PI/2 BPSK	1	104	24.59	24.56	24.54	25.00
20	PI/2 BPSK	50	0	24.49	24.39	24.33	24.50
20	PI/2 BPSK	50	28	24.91	24.84	24.84	25.00
20	PI/2 BPSK	50	56	24.27	24.21	24.16	24.50
20	PI/2 BPSK	100	0	24.31	24.31	24.24	24.50
20	QPSK	1	1	24.84	24.85	24.85	25.00
20	QPSK	1	53	24.74	24.75	24.77	25.00
20	QPSK	1	104	24.60	24.60	24.59	25.00
20	QPSK	50	0	23.83	23.73	23.68	24.00
20	QPSK	50	28	24.77	24.69	24.67	25.00
20	QPSK	50	56	23.79	23.82	23.75	24.00
20	QPSK	100	0	23.69	23.66	23.61	24.00
20	16QAM	1	1	23.75	23.76	23.78	24.00
20	64QAM	1	1	22.31	22.35	22.29	22.50
20	256QAM	1	1	20.03	19.99	19.95	20.50
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	24.88	24.71	24.80	25.00
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	24.94	24.71	24.85	25.00
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	24.89	24.75	24.75	25.00

【FR1 n5_Ant 8_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	24.97	24.85	24.89	25.00
20	PI/2 BPSK	1	53	24.80	24.71	24.61	25.00
20	PI/2 BPSK	1	104	24.59	24.56	24.54	25.00
20	PI/2 BPSK	50	0	24.49	24.39	24.33	24.50
20	PI/2 BPSK	50	28	24.91	24.84	24.84	25.00
20	PI/2 BPSK	50	56	24.27	24.21	24.16	24.50
20	PI/2 BPSK	100	0	24.31	24.31	24.24	24.50
20	QPSK	1	1	24.84	24.85	24.85	25.00
20	QPSK	1	53	24.74	24.75	24.77	25.00
20	QPSK	1	104	24.60	24.60	24.59	25.00
20	QPSK	50	0	23.83	23.73	23.68	24.00
20	QPSK	50	28	24.77	24.69	24.67	25.00
20	QPSK	50	56	23.79	23.82	23.75	24.00
20	QPSK	100	0	23.69	23.66	23.61	24.00
20	16QAM	1	1	23.75	23.76	23.78	24.00
20	64QAM	1	1	22.31	22.35	22.29	22.50
20	256QAM	1	1	20.03	19.99	19.95	20.50
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	24.88	24.71	24.80	25.00
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	24.94	24.71	24.85	25.00
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	24.89	24.75	24.75	25.00

【FR1 n5_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				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	24.97	24.85	24.89	25.00
20	PI/2 BPSK	1	53	24.80	24.71	24.61	25.00
20	PI/2 BPSK	1	104	24.59	24.56	24.54	25.00
20	PI/2 BPSK	50	0	24.49	24.39	24.33	24.50
20	PI/2 BPSK	50	28	24.91	24.84	24.84	25.00
20	PI/2 BPSK	50	56	24.27	24.21	24.16	24.50
20	PI/2 BPSK	100	0	24.31	24.31	24.24	24.50
20	QPSK	1	1	24.84	24.85	24.85	25.00
20	QPSK	1	53	24.74	24.75	24.77	25.00
20	QPSK	1	104	24.60	24.60	24.59	25.00
20	QPSK	50	0	23.83	23.73	23.68	24.00
20	QPSK	50	28	24.77	24.69	24.67	25.00
20	QPSK	50	56	23.79	23.82	23.75	24.00
20	QPSK	100	0	23.69	23.66	23.61	24.00
20	16QAM	1	1	23.75	23.76	23.78	24.00
20	64QAM	1	1	22.31	22.35	22.29	22.50
20	256QAM	1	1	20.03	19.99	19.95	20.50
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	24.88	24.71	24.80	25.00
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	24.94	24.71	24.85	25.00
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	24.89	24.75	24.75	25.00

【FR1 n5_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				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	24.97	24.85	24.89	25.00
20	PI/2 BPSK	1	53	24.80	24.71	24.61	25.00
20	PI/2 BPSK	1	104	24.59	24.56	24.54	25.00
20	PI/2 BPSK	50	0	24.49	24.39	24.33	24.50
20	PI/2 BPSK	50	28	24.91	24.84	24.84	25.00
20	PI/2 BPSK	50	56	24.27	24.21	24.16	24.50
20	PI/2 BPSK	100	0	24.31	24.31	24.24	24.50
20	QPSK	1	1	24.84	24.85	24.85	25.00
20	QPSK	1	53	24.74	24.75	24.77	25.00
20	QPSK	1	104	24.60	24.60	24.59	25.00
20	QPSK	50	0	23.83	23.73	23.68	24.00
20	QPSK	50	28	24.77	24.69	24.67	25.00
20	QPSK	50	56	23.79	23.82	23.75	24.00
20	QPSK	100	0	23.69	23.66	23.61	24.00
20	16QAM	1	1	23.75	23.76	23.78	24.00
20	64QAM	1	1	22.31	22.35	22.29	22.50
20	256QAM	1	1	20.03	19.99	19.95	20.50
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	24.88	24.71	24.80	25.00
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	24.94	24.71	24.85	25.00
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	24.89	24.75	24.75	25.00

【FR1 n5_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				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	24.97	24.85	24.89	25.00
20	PI/2 BPSK	1	53	24.80	24.71	24.61	25.00
20	PI/2 BPSK	1	104	24.59	24.56	24.54	25.00
20	PI/2 BPSK	50	0	24.49	24.39	24.33	24.50
20	PI/2 BPSK	50	28	24.91	24.84	24.84	25.00
20	PI/2 BPSK	50	56	24.27	24.21	24.16	24.50
20	PI/2 BPSK	100	0	24.31	24.31	24.24	24.50
20	QPSK	1	1	24.84	24.85	24.85	25.00
20	QPSK	1	53	24.74	24.75	24.77	25.00
20	QPSK	1	104	24.60	24.60	24.59	25.00
20	QPSK	50	0	23.83	23.73	23.68	24.00
20	QPSK	50	28	24.77	24.69	24.67	25.00
20	QPSK	50	56	23.79	23.82	23.75	24.00
20	QPSK	100	0	23.69	23.66	23.61	24.00
20	16QAM	1	1	23.75	23.76	23.78	24.00
20	64QAM	1	1	22.31	22.35	22.29	22.50
20	256QAM	1	1	20.03	19.99	19.95	20.50
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	24.88	24.71	24.80	25.00
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	24.94	24.71	24.85	25.00
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	24.89	24.75	24.75	25.00

【FR1 n5_Ant 10_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	24.76	24.84	24.73	25.00
20	PI/2 BPSK	1	53	24.49	24.70	24.55	25.00
20	PI/2 BPSK	1	104	24.40	24.57	24.36	25.00
20	PI/2 BPSK	50	0	24.65	24.76	24.60	25.00
20	PI/2 BPSK	50	28	24.69	24.83	24.65	25.00
20	PI/2 BPSK	50	56	24.57	24.67	24.43	25.00
20	PI/2 BPSK	100	0	24.64	24.77	24.63	25.00
20	QPSK	1	1	24.59	24.81	24.58	25.00
20	QPSK	1	53	24.53	24.74	24.57	25.00
20	QPSK	1	104	24.49	24.62	24.46	25.00
20	QPSK	50	0	24.69	24.83	24.58	25.00
20	QPSK	50	28	24.56	24.75	24.55	25.00
20	QPSK	50	56	24.52	24.69	24.51	25.00
20	QPSK	100	0	24.54	24.76	24.57	25.00
20	16QAM	1	1	24.50	24.72	24.56	25.00
20	64QAM	1	1	22.99	23.10	22.91	23.50
20	256QAM	1	1	20.97	21.14	20.96	21.50
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	24.64	24.78	24.60	25.00
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	24.66	24.78	24.65	25.00
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	24.70	24.79	24.59	25.00

【FR1 n5_Ant 10_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	24.76	24.84	24.73	25.00
20	PI/2 BPSK	1	53	24.49	24.70	24.55	25.00
20	PI/2 BPSK	1	104	24.40	24.57	24.36	25.00
20	PI/2 BPSK	50	0	24.65	24.76	24.60	25.00
20	PI/2 BPSK	50	28	24.69	24.83	24.65	25.00
20	PI/2 BPSK	50	56	24.57	24.67	24.43	25.00
20	PI/2 BPSK	100	0	24.64	24.77	24.63	25.00
20	QPSK	1	1	24.59	24.81	24.58	25.00
20	QPSK	1	53	24.53	24.74	24.57	25.00
20	QPSK	1	104	24.49	24.62	24.46	25.00
20	QPSK	50	0	24.69	24.83	24.58	25.00
20	QPSK	50	28	24.56	24.75	24.55	25.00
20	QPSK	50	56	24.52	24.69	24.51	25.00
20	QPSK	100	0	24.54	24.76	24.57	25.00
20	16QAM	1	1	24.50	24.72	24.56	25.00
20	64QAM	1	1	22.99	23.10	22.91	23.50
20	256QAM	1	1	20.97	21.14	20.96	21.50
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	24.64	24.78	24.60	25.00
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	24.66	24.78	24.65	25.00
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	24.70	24.79	24.59	25.00

【FR1 n5_Ant 10_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	24.76	24.84	24.73	25.00
20	PI/2 BPSK	1	53	24.49	24.70	24.55	25.00
20	PI/2 BPSK	1	104	24.40	24.57	24.36	25.00
20	PI/2 BPSK	50	0	24.65	24.76	24.60	25.00
20	PI/2 BPSK	50	28	24.69	24.83	24.65	25.00
20	PI/2 BPSK	50	56	24.57	24.67	24.43	25.00
20	PI/2 BPSK	100	0	24.64	24.77	24.63	25.00
20	QPSK	1	1	24.59	24.81	24.58	25.00
20	QPSK	1	53	24.53	24.74	24.57	25.00
20	QPSK	1	104	24.49	24.62	24.46	25.00
20	QPSK	50	0	24.69	24.83	24.58	25.00
20	QPSK	50	28	24.56	24.75	24.55	25.00
20	QPSK	50	56	24.52	24.69	24.51	25.00
20	QPSK	100	0	24.54	24.76	24.57	25.00
20	16QAM	1	1	24.50	24.72	24.56	25.00
20	64QAM	1	1	22.99	23.10	22.91	23.50
20	256QAM	1	1	20.97	21.14	20.96	21.50
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	24.64	24.78	24.60	25.00
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	24.66	24.78	24.65	25.00
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	24.70	24.79	24.59	25.00

【FR1 n5_Ant 10_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	24.76	24.84	24.73	25.00
20	PI/2 BPSK	1	53	24.49	24.70	24.55	25.00
20	PI/2 BPSK	1	104	24.40	24.57	24.36	25.00
20	PI/2 BPSK	50	0	24.65	24.76	24.60	25.00
20	PI/2 BPSK	50	28	24.69	24.83	24.65	25.00
20	PI/2 BPSK	50	56	24.57	24.67	24.43	25.00
20	PI/2 BPSK	100	0	24.64	24.77	24.63	25.00
20	QPSK	1	1	24.59	24.81	24.58	25.00
20	QPSK	1	53	24.53	24.74	24.57	25.00
20	QPSK	1	104	24.49	24.62	24.46	25.00
20	QPSK	50	0	24.69	24.83	24.58	25.00
20	QPSK	50	28	24.56	24.75	24.55	25.00
20	QPSK	50	56	24.52	24.69	24.51	25.00
20	QPSK	100	0	24.54	24.76	24.57	25.00
20	16QAM	1	1	24.50	24.72	24.56	25.00
20	64QAM	1	1	22.99	23.10	22.91	23.50
20	256QAM	1	1	20.97	21.14	20.96	21.50
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	24.64	24.78	24.60	25.00
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	24.66	24.78	24.65	25.00
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	24.70	24.79	24.59	25.00

【FR1 n5_Ant 10_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	24.76	24.84	24.73	25.00
20	PI/2 BPSK	1	53	24.49	24.70	24.55	25.00
20	PI/2 BPSK	1	104	24.40	24.57	24.36	25.00
20	PI/2 BPSK	50	0	24.65	24.76	24.60	25.00
20	PI/2 BPSK	50	28	24.69	24.83	24.65	25.00
20	PI/2 BPSK	50	56	24.57	24.67	24.43	25.00
20	PI/2 BPSK	100	0	24.64	24.77	24.63	25.00
20	QPSK	1	1	24.59	24.81	24.58	25.00
20	QPSK	1	53	24.53	24.74	24.57	25.00
20	QPSK	1	104	24.49	24.62	24.46	25.00
20	QPSK	50	0	24.69	24.83	24.58	25.00
20	QPSK	50	28	24.56	24.75	24.55	25.00
20	QPSK	50	56	24.52	24.69	24.51	25.00
20	QPSK	100	0	24.54	24.76	24.57	25.00
20	16QAM	1	1	24.50	24.72	24.56	25.00
20	64QAM	1	1	22.99	23.10	22.91	23.50
20	256QAM	1	1	20.97	21.14	20.96	21.50
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	24.64	24.78	24.60	25.00
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	24.66	24.78	24.65	25.00
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	24.70	24.79	24.59	25.00

【FR1 n7_Ant 5_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	24.73	24.79	24.70	25.00
50	PI/2 BPSK	1	135	24.54	24.71	24.55	25.00
50	PI/2 BPSK	1	268	24.59	24.74	24.63	25.00
50	PI/2 BPSK	135	0	24.05	24.15	24.06	24.50
50	PI/2 BPSK	135	68	24.68	24.75	24.57	25.00
50	PI/2 BPSK	135	135	24.13	24.22	24.11	24.50
50	PI/2 BPSK	270	0	24.04	24.21	24.03	24.50
50	QPSK	1	1	24.60	24.66	24.57	25.00
50	QPSK	1	135	24.63	24.74	24.54	25.00
50	QPSK	1	268	24.62	24.71	24.55	25.00
50	QPSK	135	0	23.60	23.67	23.60	24.00
50	QPSK	135	68	24.61	24.76	24.69	25.00
50	QPSK	135	135	23.69	23.75	23.55	24.00
50	QPSK	270	0	23.69	23.76	23.62	24.00
50	16QAM	1	1	23.21	23.34	23.14	24.00
50	64QAM	1	1	21.94	22.03	21.94	22.50
50	256QAM	1	1	19.91	19.99	19.80	20.50
Channel				504000	507000	510000	Tune-up limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	24.66	24.65	24.67	25.00
Channel				503000	507000	511000	Tune-up limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	24.62	24.70	24.55	25.00
Channel				502500	507000	511500	Tune-up limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	24.64	24.65	24.67	25.00
Channel				502000	507000	512000	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	24.59	24.61	24.65	25.00
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	24.63	24.73	24.56	25.00
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	24.68	24.75	24.56	25.00
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	24.60	24.68	24.60	25.00

【FR1 n7_Ant 5_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	24.73	24.79	24.70	25.00
50	PI/2 BPSK	1	135	24.54	24.71	24.55	25.00
50	PI/2 BPSK	1	268	24.59	24.74	24.63	25.00
50	PI/2 BPSK	135	0	24.05	24.15	24.06	24.50
50	PI/2 BPSK	135	68	24.68	24.75	24.57	25.00
50	PI/2 BPSK	135	135	24.13	24.22	24.11	24.50
50	PI/2 BPSK	270	0	24.04	24.21	24.03	24.50
50	QPSK	1	1	24.60	24.66	24.57	25.00
50	QPSK	1	135	24.63	24.74	24.54	25.00
50	QPSK	1	268	24.62	24.71	24.55	25.00
50	QPSK	135	0	23.60	23.67	23.60	24.00
50	QPSK	135	68	24.61	24.76	24.69	25.00
50	QPSK	135	135	23.69	23.75	23.55	24.00
50	QPSK	270	0	23.69	23.76	23.62	24.00
50	16QAM	1	1	23.21	23.34	23.14	24.00
50	64QAM	1	1	21.94	22.03	21.94	22.50
50	256QAM	1	1	19.91	19.99	19.80	20.50
Channel				504000	507000	510000	Tune-up limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	24.66	24.65	24.67	25.00
Channel				503000	507000	511000	Tune-up limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	24.62	24.70	24.55	25.00
Channel				502500	507000	511500	Tune-up limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	24.64	24.65	24.67	25.00
Channel				502000	507000	512000	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	24.59	24.61	24.65	25.00
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	24.63	24.73	24.56	25.00
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	24.68	24.75	24.56	25.00
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	24.60	24.68	24.60	25.00

【FR1 n7_Ant 5_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	24.73	24.79	24.70	25.00
50	PI/2 BPSK	1	135	24.54	24.71	24.55	25.00
50	PI/2 BPSK	1	268	24.59	24.74	24.63	25.00
50	PI/2 BPSK	135	0	24.05	24.15	24.06	24.50
50	PI/2 BPSK	135	68	24.68	24.75	24.57	25.00
50	PI/2 BPSK	135	135	24.13	24.22	24.11	24.50
50	PI/2 BPSK	270	0	24.04	24.21	24.03	24.50
50	QPSK	1	1	24.60	24.66	24.57	25.00
50	QPSK	1	135	24.63	24.74	24.54	25.00
50	QPSK	1	268	24.62	24.71	24.55	25.00
50	QPSK	135	0	23.60	23.67	23.60	24.00
50	QPSK	135	68	24.61	24.76	24.69	25.00
50	QPSK	135	135	23.69	23.75	23.55	24.00
50	QPSK	270	0	23.69	23.76	23.62	24.00
50	16QAM	1	1	23.21	23.34	23.14	24.00
50	64QAM	1	1	21.94	22.03	21.94	22.50
50	256QAM	1	1	19.91	19.99	19.80	20.50
Channel				504000	507000	510000	Tune-up limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	24.66	24.65	24.67	25.00
Channel				503000	507000	511000	Tune-up limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	24.62	24.70	24.55	25.00
Channel				502500	507000	511500	Tune-up limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	24.64	24.65	24.67	25.00
Channel				502000	507000	512000	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	24.59	24.61	24.65	25.00
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	24.63	24.73	24.56	25.00
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	24.68	24.75	24.56	25.00
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	24.60	24.68	24.60	25.00

【FR1 n7_Ant 5_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	24.73	24.79	24.70	25.00
50	PI/2 BPSK	1	135	24.54	24.71	24.55	25.00
50	PI/2 BPSK	1	268	24.59	24.74	24.63	25.00
50	PI/2 BPSK	135	0	24.05	24.15	24.06	24.50
50	PI/2 BPSK	135	68	24.68	24.75	24.57	25.00
50	PI/2 BPSK	135	135	24.13	24.22	24.11	24.50
50	PI/2 BPSK	270	0	24.04	24.21	24.03	24.50
50	QPSK	1	1	24.60	24.66	24.57	25.00
50	QPSK	1	135	24.63	24.74	24.54	25.00
50	QPSK	1	268	24.62	24.71	24.55	25.00
50	QPSK	135	0	23.60	23.67	23.60	24.00
50	QPSK	135	68	24.61	24.76	24.69	25.00
50	QPSK	135	135	23.69	23.75	23.55	24.00
50	QPSK	270	0	23.69	23.76	23.62	24.00
50	16QAM	1	1	23.21	23.34	23.14	24.00
50	64QAM	1	1	21.94	22.03	21.94	22.50
50	256QAM	1	1	19.91	19.99	19.80	20.50
Channel				504000	507000	510000	Tune-up limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	24.66	24.65	24.67	25.00
Channel				503000	507000	511000	Tune-up limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	24.62	24.70	24.55	25.00
Channel				502500	507000	511500	Tune-up limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	24.64	24.65	24.67	25.00
Channel				502000	507000	512000	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	24.59	24.61	24.65	25.00
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	24.63	24.73	24.56	25.00
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	24.68	24.75	24.56	25.00
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	24.60	24.68	24.60	25.00

【FR1 n7_Ant 5_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	24.73	24.79	24.70	25.00
50	PI/2 BPSK	1	135	24.54	24.71	24.55	25.00
50	PI/2 BPSK	1	268	24.59	24.74	24.63	25.00
50	PI/2 BPSK	135	0	24.05	24.15	24.06	24.50
50	PI/2 BPSK	135	68	24.68	24.75	24.57	25.00
50	PI/2 BPSK	135	135	24.13	24.22	24.11	24.50
50	PI/2 BPSK	270	0	24.04	24.21	24.03	24.50
50	QPSK	1	1	24.60	24.66	24.57	25.00
50	QPSK	1	135	24.63	24.74	24.54	25.00
50	QPSK	1	268	24.62	24.71	24.55	25.00
50	QPSK	135	0	23.60	23.67	23.60	24.00
50	QPSK	135	68	24.61	24.76	24.69	25.00
50	QPSK	135	135	23.69	23.75	23.55	24.00
50	QPSK	270	0	23.69	23.76	23.62	24.00
50	16QAM	1	1	23.21	23.34	23.14	24.00
50	64QAM	1	1	21.94	22.03	21.94	22.50
50	256QAM	1	1	19.91	19.99	19.80	20.50
Channel				504000	507000	510000	Tune-up limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	24.66	24.65	24.67	25.00
Channel				503000	507000	511000	Tune-up limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	24.62	24.70	24.55	25.00
Channel				502500	507000	511500	Tune-up limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	24.64	24.65	24.67	25.00
Channel				502000	507000	512000	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	24.59	24.61	24.65	25.00
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	24.63	24.73	24.56	25.00
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	24.68	24.75	24.56	25.00
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	24.60	24.68	24.60	25.00

【FR1 n7_Ant 8_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	24.77	24.96	24.88	25.00
50	PI/2 BPSK	1	135	24.71	24.92	24.79	25.00
50	PI/2 BPSK	1	268	24.67	24.93	24.74	25.00
50	PI/2 BPSK	135	0	24.08	24.31	24.11	24.50
50	PI/2 BPSK	135	68	24.70	24.91	24.79	25.00
50	PI/2 BPSK	135	135	24.24	24.50	24.33	24.50
50	PI/2 BPSK	270	0	24.10	24.36	24.25	24.50
50	QPSK	1	1	24.53	24.77	24.60	25.00
50	QPSK	1	135	24.53	24.85	24.64	25.00
50	QPSK	1	268	24.72	24.94	24.85	25.00
50	QPSK	135	0	23.49	23.81	23.67	24.00
50	QPSK	135	68	24.57	24.91	24.70	25.00
50	QPSK	135	135	23.69	24.00	23.86	24.00
50	QPSK	270	0	23.69	23.90	23.75	24.00
50	16QAM	1	1	23.40	23.60	23.45	24.00
50	64QAM	1	1	21.77	21.97	21.86	22.50
50	256QAM	1	1	19.97	20.23	20.08	20.50
Channel				504000	507000	510000	Tune-up limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	24.73	24.83	24.78	25.00
Channel				503000	507000	511000	Tune-up limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	24.68	24.88	24.82	25.00
Channel				502500	507000	511500	Tune-up limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	24.65	24.84	24.83	25.00
Channel				502000	507000	512000	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	24.72	24.82	24.84	25.00
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	24.62	24.95	24.79	25.00
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	24.66	24.83	24.76	25.00
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	24.71	24.86	24.86	25.00

【FR1 n7_Ant 8_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	24.77	24.96	24.88	25.00
50	PI/2 BPSK	1	135	24.71	24.92	24.79	25.00
50	PI/2 BPSK	1	268	24.67	24.93	24.74	25.00
50	PI/2 BPSK	135	0	24.08	24.31	24.11	24.50
50	PI/2 BPSK	135	68	24.70	24.91	24.79	25.00
50	PI/2 BPSK	135	135	24.24	24.50	24.33	24.50
50	PI/2 BPSK	270	0	24.10	24.36	24.25	24.50
50	QPSK	1	1	24.53	24.77	24.60	25.00
50	QPSK	1	135	24.53	24.85	24.64	25.00
50	QPSK	1	268	24.72	24.94	24.85	25.00
50	QPSK	135	0	23.49	23.81	23.67	24.00
50	QPSK	135	68	24.57	24.91	24.70	25.00
50	QPSK	135	135	23.69	24.00	23.86	24.00
50	QPSK	270	0	23.69	23.90	23.75	24.00
50	16QAM	1	1	23.40	23.60	23.45	24.00
50	64QAM	1	1	21.77	21.97	21.86	22.50
50	256QAM	1	1	19.97	20.23	20.08	20.50
Channel				504000	507000	510000	Tune-up limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	24.73	24.83	24.78	25.00
Channel				503000	507000	511000	Tune-up limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	24.68	24.88	24.82	25.00
Channel				502500	507000	511500	Tune-up limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	24.65	24.84	24.83	25.00
Channel				502000	507000	512000	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	24.72	24.82	24.84	25.00
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	24.62	24.95	24.79	25.00
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	24.66	24.83	24.76	25.00
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	24.71	24.86	24.86	25.00

【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	24.77	24.96	24.88	25.00
50	PI/2 BPSK	1	135	24.71	24.92	24.79	25.00
50	PI/2 BPSK	1	268	24.67	24.93	24.74	25.00
50	PI/2 BPSK	135	0	24.08	24.31	24.11	24.50
50	PI/2 BPSK	135	68	24.70	24.91	24.79	25.00
50	PI/2 BPSK	135	135	24.24	24.50	24.33	24.50
50	PI/2 BPSK	270	0	24.10	24.36	24.25	24.50
50	QPSK	1	1	24.53	24.77	24.60	25.00
50	QPSK	1	135	24.53	24.85	24.64	25.00
50	QPSK	1	268	24.72	24.94	24.85	25.00
50	QPSK	135	0	23.49	23.81	23.67	24.00
50	QPSK	135	68	24.57	24.91	24.70	25.00
50	QPSK	135	135	23.69	24.00	23.86	24.00
50	QPSK	270	0	23.69	23.90	23.75	24.00
50	16QAM	1	1	23.40	23.60	23.45	24.00
50	64QAM	1	1	21.77	21.97	21.86	22.50
50	256QAM	1	1	19.97	20.23	20.08	20.50
Channel				504000	507000	510000	Tune-up limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	24.73	24.83	24.78	25.00
Channel				503000	507000	511000	Tune-up limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	24.68	24.88	24.82	25.00
Channel				502500	507000	511500	Tune-up limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	24.65	24.84	24.83	25.00
Channel				502000	507000	512000	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	24.72	24.82	24.84	25.00
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	24.62	24.95	24.79	25.00
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	24.66	24.83	24.76	25.00
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	24.71	24.86	24.86	25.00

【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	24.77	24.96	24.88	25.00
50	PI/2 BPSK	1	135	24.71	24.92	24.79	25.00
50	PI/2 BPSK	1	268	24.67	24.93	24.74	25.00
50	PI/2 BPSK	135	0	24.08	24.31	24.11	24.50
50	PI/2 BPSK	135	68	24.70	24.91	24.79	25.00
50	PI/2 BPSK	135	135	24.24	24.50	24.33	24.50
50	PI/2 BPSK	270	0	24.10	24.36	24.25	24.50
50	QPSK	1	1	24.53	24.77	24.60	25.00
50	QPSK	1	135	24.53	24.85	24.64	25.00
50	QPSK	1	268	24.72	24.94	24.85	25.00
50	QPSK	135	0	23.49	23.81	23.67	24.00
50	QPSK	135	68	24.57	24.91	24.70	25.00
50	QPSK	135	135	23.69	24.00	23.86	24.00
50	QPSK	270	0	23.69	23.90	23.75	24.00
50	16QAM	1	1	23.40	23.60	23.45	24.00
50	64QAM	1	1	21.77	21.97	21.86	22.50
50	256QAM	1	1	19.97	20.23	20.08	20.50
Channel				504000	507000	510000	Tune-up limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	24.73	24.83	24.78	25.00
Channel				503000	507000	511000	Tune-up limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	24.68	24.88	24.82	25.00
Channel				502500	507000	511500	Tune-up limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	24.65	24.84	24.83	25.00
Channel				502000	507000	512000	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	24.72	24.82	24.84	25.00
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	24.62	24.95	24.79	25.00
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	24.66	24.83	24.76	25.00
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	24.71	24.86	24.86	25.00

【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	24.77	24.96	24.88	25.00
50	PI/2 BPSK	1	135	24.71	24.92	24.79	25.00
50	PI/2 BPSK	1	268	24.67	24.93	24.74	25.00
50	PI/2 BPSK	135	0	24.08	24.31	24.11	24.50
50	PI/2 BPSK	135	68	24.70	24.91	24.79	25.00
50	PI/2 BPSK	135	135	24.24	24.50	24.33	24.50
50	PI/2 BPSK	270	0	24.10	24.36	24.25	24.50
50	QPSK	1	1	24.53	24.77	24.60	25.00
50	QPSK	1	135	24.53	24.85	24.64	25.00
50	QPSK	1	268	24.72	24.94	24.85	25.00
50	QPSK	135	0	23.49	23.81	23.67	24.00
50	QPSK	135	68	24.57	24.91	24.70	25.00
50	QPSK	135	135	23.69	24.00	23.86	24.00
50	QPSK	270	0	23.69	23.90	23.75	24.00
50	16QAM	1	1	23.40	23.60	23.45	24.00
50	64QAM	1	1	21.77	21.97	21.86	22.50
50	256QAM	1	1	19.97	20.23	20.08	20.50
Channel				504000	507000	510000	Tune-up limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	24.73	24.83	24.78	25.00
Channel				503000	507000	511000	Tune-up limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	24.68	24.88	24.82	25.00
Channel				502500	507000	511500	Tune-up limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	24.65	24.84	24.83	25.00
Channel				502000	507000	512000	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	24.72	24.82	24.84	25.00
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	24.62	24.95	24.79	25.00
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	24.66	24.83	24.76	25.00
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	24.71	24.86	24.86	25.00

【FR1 n12_Ant 8_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				141300	141500	141700	
Frequency (MHz)				706.5	707.5	708.5	
15	PI/2 BPSK	1	1	24.99	24.98	24.97	25.00
15	PI/2 BPSK	1	40	24.87	24.97	24.94	25.00
15	PI/2 BPSK	1	77	24.82	24.92	24.84	25.00
15	PI/2 BPSK	36	0	24.39	24.39	24.31	24.50
15	PI/2 BPSK	36	22	24.86	24.94	24.81	25.00
15	PI/2 BPSK	36	43	24.38	24.42	24.39	24.50
15	PI/2 BPSK	75	0	24.40	24.50	24.42	24.50
15	QPSK	1	1	24.87	24.95	24.91	25.00
15	QPSK	1	40	24.83	24.94	24.85	25.00
15	QPSK	1	77	24.79	24.84	24.68	25.00
15	QPSK	36	0	23.87	23.91	23.81	24.00
15	QPSK	36	22	24.95	24.96	24.87	25.00
15	QPSK	36	43	23.83	23.90	23.81	24.00
15	QPSK	75	0	23.81	23.94	23.91	24.00
15	16QAM	1	1	23.93	23.95	23.89	24.00
15	64QAM	1	1	22.40	22.40	22.34	22.50
15	256QAM	1	1	20.21	20.24	20.20	20.50
Channel				140800	141500	142200	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	24.85	24.97	24.90	25.00
Channel				140300	141500	142700	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	24.93	24.87	24.88	25.00

【FR1 n12_Ant 8_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				141300	141500	141700	
Frequency (MHz)				706.5	707.5	708.5	
15	PI/2 BPSK	1	1	24.99	24.98	24.97	25.00
15	PI/2 BPSK	1	40	24.87	24.97	24.94	25.00
15	PI/2 BPSK	1	77	24.82	24.92	24.84	25.00
15	PI/2 BPSK	36	0	24.39	24.39	24.31	24.50
15	PI/2 BPSK	36	22	24.86	24.94	24.81	25.00
15	PI/2 BPSK	36	43	24.38	24.42	24.39	24.50
15	PI/2 BPSK	75	0	24.40	24.50	24.42	24.50
15	QPSK	1	1	24.87	24.95	24.91	25.00
15	QPSK	1	40	24.83	24.94	24.85	25.00
15	QPSK	1	77	24.79	24.84	24.68	25.00
15	QPSK	36	0	23.87	23.91	23.81	24.00
15	QPSK	36	22	24.95	24.96	24.87	25.00
15	QPSK	36	43	23.83	23.90	23.81	24.00
15	QPSK	75	0	23.81	23.94	23.91	24.00
15	16QAM	1	1	23.93	23.95	23.89	24.00
15	64QAM	1	1	22.40	22.40	22.34	22.50
15	256QAM	1	1	20.21	20.24	20.20	20.50
Channel				140800	141500	142200	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	24.85	24.97	24.90	25.00
Channel				140300	141500	142700	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	24.93	24.87	24.88	25.00

【FR1 n12_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				141300	141500	141700	
Frequency (MHz)				706.5	707.5	708.5	
15	PI/2 BPSK	1	1	24.99	24.98	24.97	25.00
15	PI/2 BPSK	1	40	24.87	24.97	24.94	25.00
15	PI/2 BPSK	1	77	24.82	24.92	24.84	25.00
15	PI/2 BPSK	36	0	24.39	24.39	24.31	24.50
15	PI/2 BPSK	36	22	24.86	24.94	24.81	25.00
15	PI/2 BPSK	36	43	24.38	24.42	24.39	24.50
15	PI/2 BPSK	75	0	24.40	24.50	24.42	24.50
15	QPSK	1	1	24.87	24.95	24.91	25.00
15	QPSK	1	40	24.83	24.94	24.85	25.00
15	QPSK	1	77	24.79	24.84	24.68	25.00
15	QPSK	36	0	23.87	23.91	23.81	24.00
15	QPSK	36	22	24.95	24.96	24.87	25.00
15	QPSK	36	43	23.83	23.90	23.81	24.00
15	QPSK	75	0	23.81	23.94	23.91	24.00
15	16QAM	1	1	23.93	23.95	23.89	24.00
15	64QAM	1	1	22.40	22.40	22.34	22.50
15	256QAM	1	1	20.21	20.24	20.20	20.50
Channel				140800	141500	142200	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	24.85	24.97	24.90	25.00
Channel				140300	141500	142700	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	24.93	24.87	24.88	25.00

【FR1 n12_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				141300	141500	141700	
Frequency (MHz)				706.5	707.5	708.5	
15	PI/2 BPSK	1	1	24.99	24.98	24.97	25.00
15	PI/2 BPSK	1	40	24.87	24.97	24.94	25.00
15	PI/2 BPSK	1	77	24.82	24.92	24.84	25.00
15	PI/2 BPSK	36	0	24.39	24.39	24.31	24.50
15	PI/2 BPSK	36	22	24.86	24.94	24.81	25.00
15	PI/2 BPSK	36	43	24.38	24.42	24.39	24.50
15	PI/2 BPSK	75	0	24.40	24.50	24.42	24.50
15	QPSK	1	1	24.87	24.95	24.91	25.00
15	QPSK	1	40	24.83	24.94	24.85	25.00
15	QPSK	1	77	24.79	24.84	24.68	25.00
15	QPSK	36	0	23.87	23.91	23.81	24.00
15	QPSK	36	22	24.95	24.96	24.87	25.00
15	QPSK	36	43	23.83	23.90	23.81	24.00
15	QPSK	75	0	23.81	23.94	23.91	24.00
15	16QAM	1	1	23.93	23.95	23.89	24.00
15	64QAM	1	1	22.40	22.40	22.34	22.50
15	256QAM	1	1	20.21	20.24	20.20	20.50
Channel				140800	141500	142200	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	24.85	24.97	24.90	25.00
Channel				140300	141500	142700	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	24.93	24.87	24.88	25.00

【FR1 n12_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				141300	141500	141700	
Frequency (MHz)				706.5	707.5	708.5	
15	PI/2 BPSK	1	1	24.99	24.98	24.97	25.00
15	PI/2 BPSK	1	40	24.87	24.97	24.94	25.00
15	PI/2 BPSK	1	77	24.82	24.92	24.84	25.00
15	PI/2 BPSK	36	0	24.39	24.39	24.31	24.50
15	PI/2 BPSK	36	22	24.86	24.94	24.81	25.00
15	PI/2 BPSK	36	43	24.38	24.42	24.39	24.50
15	PI/2 BPSK	75	0	24.40	24.50	24.42	24.50
15	QPSK	1	1	24.87	24.95	24.91	25.00
15	QPSK	1	40	24.83	24.94	24.85	25.00
15	QPSK	1	77	24.79	24.84	24.68	25.00
15	QPSK	36	0	23.87	23.91	23.81	24.00
15	QPSK	36	22	24.95	24.96	24.87	25.00
15	QPSK	36	43	23.83	23.90	23.81	24.00
15	QPSK	75	0	23.81	23.94	23.91	24.00
15	16QAM	1	1	23.93	23.95	23.89	24.00
15	64QAM	1	1	22.40	22.40	22.34	22.50
15	256QAM	1	1	20.21	20.24	20.20	20.50
Channel				140800	141500	142200	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	24.85	24.97	24.90	25.00
Channel				140300	141500	142700	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	24.93	24.87	24.88	25.00

【FR1 n13_Ant 8_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					156400		
Frequency (MHz)					782		
10	PI/2 BPSK	1	1		24.78		25.00
10	PI/2 BPSK	1	26		24.67		25.00
10	PI/2 BPSK	1	50		24.68		25.00
10	PI/2 BPSK	25	0		24.16		24.50
10	PI/2 BPSK	25	14		24.71		25.00
10	PI/2 BPSK	25	27		24.16		24.50
10	PI/2 BPSK	50	0		24.29		24.50
10	QPSK	1	1		24.77		25.00
10	QPSK	1	26		24.71		25.00
10	QPSK	1	50		24.76		25.00
10	QPSK	25	0		23.65		24.00
10	QPSK	25	14		24.74		25.00
10	QPSK	25	27		23.67		24.00
10	QPSK	50	0		23.81		24.00
10	16QAM	1	1		23.91		24.00
10	64QAM	1	1		21.74		22.50
10	256QAM	1	1		19.93		20.50
Channel				155900	156400	156900	Tune-up limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	PI/2 BPSK	1	1	24.65	24.68	24.63	25.00

【FR1 n13_Ant 8_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					156400		
Frequency (MHz)					782		
10	PI/2 BPSK	1	1		24.78		25.00
10	PI/2 BPSK	1	26		24.67		25.00
10	PI/2 BPSK	1	50		24.68		25.00
10	PI/2 BPSK	25	0		24.16		24.50
10	PI/2 BPSK	25	14		24.71		25.00
10	PI/2 BPSK	25	27		24.16		24.50
10	PI/2 BPSK	50	0		24.29		24.50
10	QPSK	1	1		24.77		25.00
10	QPSK	1	26		24.71		25.00
10	QPSK	1	50		24.76		25.00
10	QPSK	25	0		23.65		24.00
10	QPSK	25	14		24.74		25.00
10	QPSK	25	27		23.67		24.00
10	QPSK	50	0		23.81		24.00
10	16QAM	1	1		23.91		24.00
10	64QAM	1	1		21.74		22.50
10	256QAM	1	1		19.93		20.50
Channel				155900	156400	156900	Tune-up limit
Frequency (MHz)				779.5	782	784.5	(dBm)
5	PI/2 BPSK	1	1	24.65	24.68	24.63	25.00

【FR1 n13_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					156400		
Frequency (MHz)					782		
10	PI/2 BPSK	1	1		24.78		25.00
10	PI/2 BPSK	1	26		24.67		25.00
10	PI/2 BPSK	1	50		24.68		25.00
10	PI/2 BPSK	25	0		24.16		24.50
10	PI/2 BPSK	25	14		24.71		25.00
10	PI/2 BPSK	25	27		24.16		24.50
10	PI/2 BPSK	50	0		24.29		24.50
10	QPSK	1	1		24.77		25.00
10	QPSK	1	26		24.71		25.00
10	QPSK	1	50		24.76		25.00
10	QPSK	25	0		23.65		24.00
10	QPSK	25	14		24.74		25.00
10	QPSK	25	27		23.67		24.00
10	QPSK	50	0		23.81		24.00
10	16QAM	1	1		23.91		24.00
10	64QAM	1	1		21.74		22.50
10	256QAM	1	1		19.93		20.50
Channel				155900	156400	156900	Tune-up limit
Frequency (MHz)				779.5	782	784.5	(dBm)
5	PI/2 BPSK	1	1	24.65	24.68	24.63	25.00

【FR1 n13_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					156400		
Frequency (MHz)					782		
10	PI/2 BPSK	1	1		24.78		25.00
10	PI/2 BPSK	1	26		24.67		25.00
10	PI/2 BPSK	1	50		24.68		25.00
10	PI/2 BPSK	25	0		24.16		24.50
10	PI/2 BPSK	25	14		24.71		25.00
10	PI/2 BPSK	25	27		24.16		24.50
10	PI/2 BPSK	50	0		24.29		24.50
10	QPSK	1	1		24.77		25.00
10	QPSK	1	26		24.71		25.00
10	QPSK	1	50		24.76		25.00
10	QPSK	25	0		23.65		24.00
10	QPSK	25	14		24.74		25.00
10	QPSK	25	27		23.67		24.00
10	QPSK	50	0		23.81		24.00
10	16QAM	1	1		23.91		24.00
10	64QAM	1	1		21.74		22.50
10	256QAM	1	1		19.93		20.50
Channel				155900	156400	156900	Tune-up limit
Frequency (MHz)				779.5	782	784.5	(dBm)
5	PI/2 BPSK	1	1	24.65	24.68	24.63	25.00

【FR1 n13_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					156400		
Frequency (MHz)					782		
10	PI/2 BPSK	1	1		24.78		25.00
10	PI/2 BPSK	1	26		24.67		25.00
10	PI/2 BPSK	1	50		24.68		25.00
10	PI/2 BPSK	25	0		24.16		24.50
10	PI/2 BPSK	25	14		24.71		25.00
10	PI/2 BPSK	25	27		24.16		24.50
10	PI/2 BPSK	50	0		24.29		24.50
10	QPSK	1	1		24.77		25.00
10	QPSK	1	26		24.71		25.00
10	QPSK	1	50		24.76		25.00
10	QPSK	25	0		23.65		24.00
10	QPSK	25	14		24.74		25.00
10	QPSK	25	27		23.67		24.00
10	QPSK	50	0		23.81		24.00
10	16QAM	1	1		23.91		24.00
10	64QAM	1	1		21.74		22.50
10	256QAM	1	1		19.93		20.50
Channel				155900	156400	156900	Tune-up limit
Frequency (MHz)				779.5	782	784.5	(dBm)
5	PI/2 BPSK	1	1	24.65	24.68	24.63	25.00

【FR1 n14_Ant 8_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					158600		
Frequency (MHz)					793		
10	PI/2 BPSK	1	1		24.86		25.00
10	PI/2 BPSK	1	26		24.69		25.00
10	PI/2 BPSK	1	50		24.37		25.00
10	PI/2 BPSK	25	0		24.25		24.50
10	PI/2 BPSK	25	14		24.76		25.00
10	PI/2 BPSK	25	27		24.17		24.50
10	PI/2 BPSK	50	0		24.34		24.50
10	QPSK	1	1		24.85		25.00
10	QPSK	1	26		24.85		25.00
10	QPSK	1	50		24.42		25.00
10	QPSK	25	0		23.74		24.00
10	QPSK	25	14		24.83		25.00
10	QPSK	25	27		23.80		24.00
10	QPSK	50	0		23.87		24.00
10	16QAM	1	1		23.70		24.00
10	64QAM	1	1		22.35		22.50
10	256QAM	1	1		20.00		20.50
Channel				158100	158600	159100	Tune-up limit
Frequency (MHz)				790.5	793	795.5	(dBm)
5	PI/2 BPSK	1	1	24.73	24.75	24.72	25.00

【FR1 n14_Ant 8_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					158600		
Frequency (MHz)					793		
10	PI/2 BPSK	1	1		24.86		25.00
10	PI/2 BPSK	1	26		24.69		25.00
10	PI/2 BPSK	1	50		24.37		25.00
10	PI/2 BPSK	25	0		24.25		24.50
10	PI/2 BPSK	25	14		24.76		25.00
10	PI/2 BPSK	25	27		24.17		24.50
10	PI/2 BPSK	50	0		24.34		24.50
10	QPSK	1	1		24.85		25.00
10	QPSK	1	26		24.85		25.00
10	QPSK	1	50		24.42		25.00
10	QPSK	25	0		23.74		24.00
10	QPSK	25	14		24.83		25.00
10	QPSK	25	27		23.80		24.00
10	QPSK	50	0		23.87		24.00
10	16QAM	1	1		23.70		24.00
10	64QAM	1	1		22.35		22.50
10	256QAM	1	1		20.00		20.50
Channel				158100	158600	159100	Tune-up limit
Frequency (MHz)				790.5	793	795.5	(dBm)
5	PI/2 BPSK	1	1	24.73	24.75	24.72	25.00

【FR1 n14_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					158600		
Frequency (MHz)					793		
10	PI/2 BPSK	1	1		24.86		25.00
10	PI/2 BPSK	1	26		24.69		25.00
10	PI/2 BPSK	1	50		24.37		25.00
10	PI/2 BPSK	25	0		24.25		24.50
10	PI/2 BPSK	25	14		24.76		25.00
10	PI/2 BPSK	25	27		24.17		24.50
10	PI/2 BPSK	50	0		24.34		24.50
10	QPSK	1	1		24.85		25.00
10	QPSK	1	26		24.85		25.00
10	QPSK	1	50		24.42		25.00
10	QPSK	25	0		23.74		24.00
10	QPSK	25	14		24.83		25.00
10	QPSK	25	27		23.80		24.00
10	QPSK	50	0		23.87		24.00
10	16QAM	1	1		23.70		24.00
10	64QAM	1	1		22.35		22.50
10	256QAM	1	1		20.00		20.50
Channel				158100	158600	159100	Tune-up limit
Frequency (MHz)				790.5	793	795.5	(dBm)
5	PI/2 BPSK	1	1	24.73	24.75	24.72	25.00

【FR1 n14_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					158600		
Frequency (MHz)					793		
10	PI/2 BPSK	1	1		24.86		25.00
10	PI/2 BPSK	1	26		24.69		25.00
10	PI/2 BPSK	1	50		24.37		25.00
10	PI/2 BPSK	25	0		24.25		24.50
10	PI/2 BPSK	25	14		24.76		25.00
10	PI/2 BPSK	25	27		24.17		24.50
10	PI/2 BPSK	50	0		24.34		24.50
10	QPSK	1	1		24.85		25.00
10	QPSK	1	26		24.85		25.00
10	QPSK	1	50		24.42		25.00
10	QPSK	25	0		23.74		24.00
10	QPSK	25	14		24.83		25.00
10	QPSK	25	27		23.80		24.00
10	QPSK	50	0		23.87		24.00
10	16QAM	1	1		23.70		24.00
10	64QAM	1	1		22.35		22.50
10	256QAM	1	1		20.00		20.50
Channel				158100	158600	159100	Tune-up limit
Frequency (MHz)				790.5	793	795.5	(dBm)
5	PI/2 BPSK	1	1	24.73	24.75	24.72	25.00

【FR1 n14_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					158600		
Frequency (MHz)					793		
10	PI/2 BPSK	1	1		24.86		25.00
10	PI/2 BPSK	1	26		24.69		25.00
10	PI/2 BPSK	1	50		24.37		25.00
10	PI/2 BPSK	25	0		24.25		24.50
10	PI/2 BPSK	25	14		24.76		25.00
10	PI/2 BPSK	25	27		24.17		24.50
10	PI/2 BPSK	50	0		24.34		24.50
10	QPSK	1	1		24.85		25.00
10	QPSK	1	26		24.85		25.00
10	QPSK	1	50		24.42		25.00
10	QPSK	25	0		23.74		24.00
10	QPSK	25	14		24.83		25.00
10	QPSK	25	27		23.80		24.00
10	QPSK	50	0		23.87		24.00
10	16QAM	1	1		23.70		24.00
10	64QAM	1	1		22.35		22.50
10	256QAM	1	1		20.00		20.50
Channel				158100	158600	159100	
Frequency (MHz)				790.5	793	795.5	Tune-up limit (dBm)
5	PI/2 BPSK	1	1	24.73	24.75	24.72	25.00

【FR1 n25_Ant 1_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	24.67	24.76	24.61	25.00
40	PI/2 BPSK	1	108	24.61	24.61	24.48	25.00
40	PI/2 BPSK	1	214	24.27	24.39	24.33	25.00
40	PI/2 BPSK	108	0	24.14	24.18	24.03	24.50
40	PI/2 BPSK	108	54	24.51	24.57	24.42	25.00
40	PI/2 BPSK	108	108	23.88	23.98	23.82	24.50
40	PI/2 BPSK	216	0	24.03	24.15	23.97	24.50
40	QPSK	1	1	24.69	24.66	24.57	25.00
40	QPSK	1	108	24.53	24.61	24.48	25.00
40	QPSK	1	214	24.34	24.38	24.30	25.00
40	QPSK	108	0	23.63	23.69	23.61	24.00
40	QPSK	108	54	24.57	24.61	24.48	25.00
40	QPSK	108	108	23.43	23.47	23.37	24.00
40	QPSK	216	0	23.61	23.65	23.46	24.00
40	16QAM	1	1	23.86	23.95	23.79	24.00
40	64QAM	1	1	21.93	21.93	21.75	22.50
40	256QAM	1	1	19.80	19.81	19.64	20.50
Channel				373000	376500	380000	
Frequency (MHz)				1865	1882.5	1900	Tune-up limit (dBm)
30	PI/2 BPSK	1	1	24.56	24.58	24.51	25.00
Channel				372500	376500	380500	
Frequency (MHz)				1862.5	1882.5	1902.5	Tune-up limit (dBm)
25	PI/2 BPSK	1	1	24.53	24.61	24.56	25.00
Channel				372000	376500	381000	
Frequency (MHz)				1860	1882.5	1905	Tune-up limit (dBm)
20	PI/2 BPSK	1	1	24.56	24.59	24.58	25.00
Channel				371500	376500	381500	
Frequency (MHz)				1857.5	1882.5	1907.5	Tune-up limit (dBm)
15	PI/2 BPSK	1	1	24.59	24.53	24.54	25.00
Channel				371000	376500	382000	
Frequency (MHz)				1855	1882.5	1910	Tune-up limit (dBm)
10	PI/2 BPSK	1	1	24.59	24.62	24.50	25.00
Channel				370500	376500	382500	
Frequency (MHz)				1852.5	1882.5	1912.5	Tune-up limit (dBm)
5	PI/2 BPSK	1	1	24.54	24.58	24.52	25.00

【FR1 n25_Ant 1_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	22.68	22.67	22.54	22.70
40	PI/2 BPSK	1	108	22.42	22.55	22.30	22.70
40	PI/2 BPSK	1	214	22.23	22.33	22.05	22.70
40	PI/2 BPSK	108	0	22.37	22.50	22.22	22.70
40	PI/2 BPSK	108	54	22.44	22.56	22.38	22.70
40	PI/2 BPSK	108	108	22.42	22.51	22.27	22.70
40	PI/2 BPSK	216	0	22.44	22.52	22.35	22.70
40	QPSK	1	1	22.57	22.67	22.42	22.70
40	QPSK	1	108	22.50	22.55	22.37	22.70
40	QPSK	1	214	22.30	22.40	22.14	22.70
40	QPSK	108	0	22.51	22.60	22.45	22.70
40	QPSK	108	54	22.38	22.49	22.28	22.70
40	QPSK	108	108	22.37	22.50	22.22	22.70
40	QPSK	216	0	22.47	22.55	22.33	22.70
40	16QAM	1	1	22.40	22.48	22.30	22.70
40	64QAM	1	1	21.99	22.01	21.78	22.50
40	256QAM	1	1	20.02	20.04	19.85	20.50
Channel				373000	376500	380000	Tune-up limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	22.59	22.53	22.42	22.70
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	22.57	22.66	22.41	22.70
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	22.55	22.65	22.50	22.70
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	22.62	22.64	22.42	22.70
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	22.60	22.53	22.49	22.70
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	22.53	22.61	22.47	22.70

【FR1 n25_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				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	24.67	24.76	24.61	25.00
40	PI/2 BPSK	1	108	24.61	24.61	24.48	25.00
40	PI/2 BPSK	1	214	24.27	24.39	24.33	25.00
40	PI/2 BPSK	108	0	24.14	24.18	24.03	24.50
40	PI/2 BPSK	108	54	24.51	24.57	24.42	25.00
40	PI/2 BPSK	108	108	23.88	23.98	23.82	24.50
40	PI/2 BPSK	216	0	24.03	24.15	23.97	24.50
40	QPSK	1	1	24.69	24.66	24.57	25.00
40	QPSK	1	108	24.53	24.61	24.48	25.00
40	QPSK	1	214	24.34	24.38	24.30	25.00
40	QPSK	108	0	23.63	23.69	23.61	24.00
40	QPSK	108	54	24.57	24.61	24.48	25.00
40	QPSK	108	108	23.43	23.47	23.37	24.00
40	QPSK	216	0	23.61	23.65	23.46	24.00
40	16QAM	1	1	23.86	23.95	23.79	24.00
40	64QAM	1	1	21.93	21.93	21.75	22.50
40	256QAM	1	1	19.80	19.81	19.64	20.50
Channel				373000	376500	380000	Tune-up limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	24.56	24.58	24.51	25.00
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	24.53	24.61	24.56	25.00
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	24.56	24.59	24.58	25.00
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	24.59	24.53	24.54	25.00
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	24.59	24.62	24.50	25.00
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	24.54	24.58	24.52	25.00

【FR1 n25_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				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	22.08	22.15	22.09	22.50
40	PI/2 BPSK	1	108	21.80	22.01	21.94	22.50
40	PI/2 BPSK	1	214	21.65	21.79	21.71	22.50
40	PI/2 BPSK	108	0	21.90	22.01	21.81	22.50
40	PI/2 BPSK	108	54	21.91	22.11	21.97	22.50
40	PI/2 BPSK	108	108	21.93	22.04	21.84	22.50
40	PI/2 BPSK	216	0	21.86	22.06	21.96	22.50
40	QPSK	1	1	22.03	22.12	22.00	22.50
40	QPSK	1	108	22.01	22.12	21.98	22.50
40	QPSK	1	214	21.74	21.91	21.76	22.50
40	QPSK	108	0	21.99	22.11	21.92	22.50
40	QPSK	108	54	21.85	21.99	21.88	22.50
40	QPSK	108	108	21.88	22.02	21.90	22.50
40	QPSK	216	0	21.89	22.10	21.95	22.50
40	16QAM	1	1	22.00	22.11	22.02	22.50
40	64QAM	1	1	21.79	21.98	21.79	22.50
40	256QAM	1	1	19.94	20.04	19.92	20.50
Channel				373000	376500	380000	Tune-up limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	21.97	22.03	21.99	22.50
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	21.99	22.10	21.99	22.50
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	22.01	22.11	22.02	22.50
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	22.02	22.03	21.96	22.50
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	21.98	22.01	21.98	22.50
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	21.96	22.06	21.96	22.50

【FR1 n25_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				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	22.68	22.67	22.54	22.70
40	PI/2 BPSK	1	108	22.42	22.55	22.30	22.70
40	PI/2 BPSK	1	214	22.23	22.33	22.05	22.70
40	PI/2 BPSK	108	0	22.37	22.50	22.22	22.70
40	PI/2 BPSK	108	54	22.44	22.56	22.38	22.70
40	PI/2 BPSK	108	108	22.42	22.51	22.27	22.70
40	PI/2 BPSK	216	0	22.44	22.52	22.35	22.70
40	QPSK	1	1	22.57	22.67	22.42	22.70
40	QPSK	1	108	22.50	22.55	22.37	22.70
40	QPSK	1	214	22.30	22.40	22.14	22.70
40	QPSK	108	0	22.51	22.60	22.45	22.70
40	QPSK	108	54	22.38	22.49	22.28	22.70
40	QPSK	108	108	22.37	22.50	22.22	22.70
40	QPSK	216	0	22.47	22.55	22.33	22.70
40	16QAM	1	1	22.40	22.48	22.30	22.70
40	64QAM	1	1	21.99	22.01	21.78	22.50
40	256QAM	1	1	20.02	20.04	19.85	20.50
Channel				373000	376500	380000	Tune-up limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	22.59	22.53	22.42	22.70
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	22.57	22.66	22.41	22.70
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	22.55	22.65	22.50	22.70
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	22.62	22.64	22.42	22.70
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	22.60	22.53	22.49	22.70
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	22.53	22.61	22.47	22.70

【FR1 n25_Ant 5_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	24.25	24.29	24.27	25.00
40	PI/2 BPSK	1	108	24.24	24.22	24.26	25.00
40	PI/2 BPSK	1	214	24.23	24.19	24.18	25.00
40	PI/2 BPSK	108	0	23.67	23.76	23.72	24.50
40	PI/2 BPSK	108	54	24.13	24.23	24.09	25.00
40	PI/2 BPSK	108	108	23.59	23.76	23.64	24.50
40	PI/2 BPSK	216	0	23.64	23.79	23.66	24.50
40	QPSK	1	1	24.00	24.17	24.02	25.00
40	QPSK	1	108	24.08	24.26	24.23	25.00
40	QPSK	1	214	24.16	24.22	24.11	25.00
40	QPSK	108	0	23.08	23.21	23.06	24.00
40	QPSK	108	54	24.06	24.25	24.20	25.00
40	QPSK	108	108	23.06	23.21	23.08	24.00
40	QPSK	216	0	23.18	23.31	23.25	24.00
40	16QAM	1	1	23.01	23.09	23.00	24.00
40	64QAM	1	1	21.29	21.41	21.31	22.50
40	256QAM	1	1	19.28	19.46	19.35	20.50
Channel				373000	376500	380000	Tune-up limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	24.22	24.27	24.19	25.00
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	24.15	24.27	24.16	25.00
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	24.24	24.21	24.13	25.00
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	24.17	24.18	24.16	25.00
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	24.19	24.25	24.24	25.00
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	24.23	24.26	24.19	25.00

【FR1 n25_Ant 5_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	24.25	24.29	24.27	25.00
40	PI/2 BPSK	1	108	24.24	24.22	24.26	25.00
40	PI/2 BPSK	1	214	24.23	24.19	24.18	25.00
40	PI/2 BPSK	108	0	23.67	23.76	23.72	24.50
40	PI/2 BPSK	108	54	24.13	24.23	24.09	25.00
40	PI/2 BPSK	108	108	23.59	23.76	23.64	24.50
40	PI/2 BPSK	216	0	23.64	23.79	23.66	24.50
40	QPSK	1	1	24.00	24.17	24.02	25.00
40	QPSK	1	108	24.08	24.26	24.23	25.00
40	QPSK	1	214	24.16	24.22	24.11	25.00
40	QPSK	108	0	23.08	23.21	23.06	24.00
40	QPSK	108	54	24.06	24.25	24.20	25.00
40	QPSK	108	108	23.06	23.21	23.08	24.00
40	QPSK	216	0	23.18	23.31	23.25	24.00
40	16QAM	1	1	23.01	23.09	23.00	24.00
40	64QAM	1	1	21.29	21.41	21.31	22.50
40	256QAM	1	1	19.28	19.46	19.35	20.50
Channel				373000	376500	380000	Tune-up limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	24.22	24.27	24.19	25.00
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	24.15	24.27	24.16	25.00
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	24.24	24.21	24.13	25.00
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	24.17	24.18	24.16	25.00
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	24.19	24.25	24.24	25.00
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	24.23	24.26	24.19	25.00

【FR1 n25_Ant 5_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	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	24.25	24.29	24.27	25.00
40	PI/2 BPSK	1	108	24.24	24.22	24.26	25.00
40	PI/2 BPSK	1	214	24.23	24.19	24.18	25.00
40	PI/2 BPSK	108	0	23.67	23.76	23.72	24.50
40	PI/2 BPSK	108	54	24.13	24.23	24.09	25.00
40	PI/2 BPSK	108	108	23.59	23.76	23.64	24.50
40	PI/2 BPSK	216	0	23.64	23.79	23.66	24.50
40	QPSK	1	1	24.00	24.17	24.02	25.00
40	QPSK	1	108	24.08	24.26	24.23	25.00
40	QPSK	1	214	24.16	24.22	24.11	25.00
40	QPSK	108	0	23.08	23.21	23.06	24.00
40	QPSK	108	54	24.06	24.25	24.20	25.00
40	QPSK	108	108	23.06	23.21	23.08	24.00
40	QPSK	216	0	23.18	23.31	23.25	24.00
40	16QAM	1	1	23.01	23.09	23.00	24.00
40	64QAM	1	1	21.29	21.41	21.31	22.50
40	256QAM	1	1	19.28	19.46	19.35	20.50
Channel				373000	376500	380000	Tune-up limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	24.22	24.27	24.19	25.00
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	24.15	24.27	24.16	25.00
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	24.24	24.21	24.13	25.00
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	24.17	24.18	24.16	25.00
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	24.19	24.25	24.24	25.00
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	24.23	24.26	24.19	25.00

【FR1 n25_Ant 5_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	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	23.05	23.25	23.10	24.20
40	PI/2 BPSK	1	108	22.89	23.20	22.95	24.20
40	PI/2 BPSK	1	214	22.82	23.15	22.87	24.20
40	PI/2 BPSK	108	0	22.93	23.19	22.97	24.20
40	PI/2 BPSK	108	54	23.01	23.24	23.02	24.20
40	PI/2 BPSK	108	108	22.95	23.18	22.92	24.20
40	PI/2 BPSK	216	0	22.82	23.12	22.82	24.20
40	QPSK	1	1	22.87	23.14	22.92	24.20
40	QPSK	1	108	22.90	23.22	22.96	24.20
40	QPSK	1	214	22.92	23.23	22.93	24.20
40	QPSK	108	0	22.90	23.19	22.95	24.00
40	QPSK	108	54	22.87	23.19	22.97	24.20
40	QPSK	108	108	22.99	23.23	23.02	24.00
40	QPSK	216	0	22.88	23.15	22.89	24.00
40	16QAM	1	1	22.76	23.01	22.78	24.00
40	64QAM	1	1	20.99	21.21	21.03	22.50
40	256QAM	1	1	19.26	19.51	19.29	20.50
Channel				373000	376500	380000	Tune-up limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	22.94	23.12	23.06	24.20
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	22.98	23.22	23.07	24.20
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	22.99	23.21	23.01	24.20
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	22.97	23.20	23.09	24.20
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	22.90	23.21	22.96	24.20
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	22.95	23.11	23.07	24.20

【FR1 n25_Ant 5_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	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	24.25	24.29	24.27	25.00
40	PI/2 BPSK	1	108	24.24	24.22	24.26	25.00
40	PI/2 BPSK	1	214	24.23	24.19	24.18	25.00
40	PI/2 BPSK	108	0	23.67	23.76	23.72	24.50
40	PI/2 BPSK	108	54	24.13	24.23	24.09	25.00
40	PI/2 BPSK	108	108	23.59	23.76	23.64	24.50
40	PI/2 BPSK	216	0	23.64	23.79	23.66	24.50
40	QPSK	1	1	24.00	24.17	24.02	25.00
40	QPSK	1	108	24.08	24.26	24.23	25.00
40	QPSK	1	214	24.16	24.22	24.11	25.00
40	QPSK	108	0	23.08	23.21	23.06	24.00
40	QPSK	108	54	24.06	24.25	24.20	25.00
40	QPSK	108	108	23.06	23.21	23.08	24.00
40	QPSK	216	0	23.18	23.31	23.25	24.00
40	16QAM	1	1	23.01	23.09	23.00	24.00
40	64QAM	1	1	21.29	21.41	21.31	22.50
40	256QAM	1	1	19.28	19.46	19.35	20.50
Channel				373000	376500	380000	Tune-up limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	24.22	24.27	24.19	25.00
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	24.15	24.27	24.16	25.00
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	24.24	24.21	24.13	25.00
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	24.17	24.18	24.16	25.00
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	24.19	24.25	24.24	25.00
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	24.23	24.26	24.19	25.00

【FR1 n26 FCC_Ant 8_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	24.87	24.78	24.68	25.00
20	PI/2 BPSK	1	53	24.72	24.66	24.55	25.00
20	PI/2 BPSK	1	104	24.63	24.56	24.35	25.00
20	PI/2 BPSK	50	0	24.19	24.23	24.10	24.50
20	PI/2 BPSK	50	28	24.73	24.69	24.52	25.00
20	PI/2 BPSK	50	56	24.13	24.09	23.93	24.50
20	PI/2 BPSK	100	0	24.23	24.17	23.98	24.50
20	QPSK	1	1	24.68	24.70	24.46	25.00
20	QPSK	1	53	24.58	24.53	24.35	25.00
20	QPSK	1	104	24.47	24.52	24.40	25.00
20	QPSK	50	0	23.74	23.72	23.48	24.00
20	QPSK	50	28	24.72	24.68	24.43	25.00
20	QPSK	50	56	23.57	23.59	23.45	24.00
20	QPSK	100	0	23.66	23.66	23.53	24.00
20	16QAM	1	1	23.97	23.95	23.75	24.00
20	64QAM	1	1	22.06	22.09	21.95	22.50
20	256QAM	1	1	20.00	20.04	19.94	20.50
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	24.83	24.66	24.55	25.00
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	24.84	24.66	24.63	25.00
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	24.82	24.69	24.61	25.00

【FR1 n26 FCC_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				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	24.87	24.78	24.68	25.00
20	PI/2 BPSK	1	53	24.72	24.66	24.55	25.00
20	PI/2 BPSK	1	104	24.63	24.56	24.35	25.00
20	PI/2 BPSK	50	0	24.19	24.23	24.10	24.50
20	PI/2 BPSK	50	28	24.73	24.69	24.52	25.00
20	PI/2 BPSK	50	56	24.13	24.09	23.93	24.50
20	PI/2 BPSK	100	0	24.23	24.17	23.98	24.50
20	QPSK	1	1	24.68	24.70	24.46	25.00
20	QPSK	1	53	24.58	24.53	24.35	25.00
20	QPSK	1	104	24.47	24.52	24.40	25.00
20	QPSK	50	0	23.74	23.72	23.48	24.00
20	QPSK	50	28	24.72	24.68	24.43	25.00
20	QPSK	50	56	23.57	23.59	23.45	24.00
20	QPSK	100	0	23.66	23.66	23.53	24.00
20	16QAM	1	1	23.97	23.95	23.75	24.00
20	64QAM	1	1	22.06	22.09	21.95	22.50
20	256QAM	1	1	20.00	20.04	19.94	20.50
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	24.83	24.66	24.55	25.00
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	24.84	24.66	24.63	25.00
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	24.82	24.69	24.61	25.00

【FR1 n26 FCC_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				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	24.87	24.78	24.68	25.00
20	PI/2 BPSK	1	53	24.72	24.66	24.55	25.00
20	PI/2 BPSK	1	104	24.63	24.56	24.35	25.00
20	PI/2 BPSK	50	0	24.19	24.23	24.10	24.50
20	PI/2 BPSK	50	28	24.73	24.69	24.52	25.00
20	PI/2 BPSK	50	56	24.13	24.09	23.93	24.50
20	PI/2 BPSK	100	0	24.23	24.17	23.98	24.50
20	QPSK	1	1	24.68	24.70	24.46	25.00
20	QPSK	1	53	24.58	24.53	24.35	25.00
20	QPSK	1	104	24.47	24.52	24.40	25.00
20	QPSK	50	0	23.74	23.72	23.48	24.00
20	QPSK	50	28	24.72	24.68	24.43	25.00
20	QPSK	50	56	23.57	23.59	23.45	24.00
20	QPSK	100	0	23.66	23.66	23.53	24.00
20	16QAM	1	1	23.97	23.95	23.75	24.00
20	64QAM	1	1	22.06	22.09	21.95	22.50
20	256QAM	1	1	20.00	20.04	19.94	20.50
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	24.83	24.66	24.55	25.00
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	24.84	24.66	24.63	25.00
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	24.82	24.69	24.61	25.00

【FR1 n26 FCC_Ant 8_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	24.87	24.78	24.68	25.00
20	PI/2 BPSK	1	53	24.72	24.66	24.55	25.00
20	PI/2 BPSK	1	104	24.63	24.56	24.35	25.00
20	PI/2 BPSK	50	0	24.19	24.23	24.10	24.50
20	PI/2 BPSK	50	28	24.73	24.69	24.52	25.00
20	PI/2 BPSK	50	56	24.13	24.09	23.93	24.50
20	PI/2 BPSK	100	0	24.23	24.17	23.98	24.50
20	QPSK	1	1	24.68	24.70	24.46	25.00
20	QPSK	1	53	24.58	24.53	24.35	25.00
20	QPSK	1	104	24.47	24.52	24.40	25.00
20	QPSK	50	0	23.74	23.72	23.48	24.00
20	QPSK	50	28	24.72	24.68	24.43	25.00
20	QPSK	50	56	23.57	23.59	23.45	24.00
20	QPSK	100	0	23.66	23.66	23.53	24.00
20	16QAM	1	1	23.97	23.95	23.75	24.00
20	64QAM	1	1	22.06	22.09	21.95	22.50
20	256QAM	1	1	20.00	20.04	19.94	20.50
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	24.83	24.66	24.55	25.00
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	24.84	24.66	24.63	25.00
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	24.82	24.69	24.61	25.00

【FR1 n26_FCC_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				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	24.87	24.78	24.68	25.00
20	PI/2 BPSK	1	53	24.72	24.66	24.55	25.00
20	PI/2 BPSK	1	104	24.63	24.56	24.35	25.00
20	PI/2 BPSK	50	0	24.19	24.23	24.10	24.50
20	PI/2 BPSK	50	28	24.73	24.69	24.52	25.00
20	PI/2 BPSK	50	56	24.13	24.09	23.93	24.50
20	PI/2 BPSK	100	0	24.23	24.17	23.98	24.50
20	QPSK	1	1	24.68	24.70	24.46	25.00
20	QPSK	1	53	24.58	24.53	24.35	25.00
20	QPSK	1	104	24.47	24.52	24.40	25.00
20	QPSK	50	0	23.74	23.72	23.48	24.00
20	QPSK	50	28	24.72	24.68	24.43	25.00
20	QPSK	50	56	23.57	23.59	23.45	24.00
20	QPSK	100	0	23.66	23.66	23.53	24.00
20	16QAM	1	1	23.97	23.95	23.75	24.00
20	64QAM	1	1	22.06	22.09	21.95	22.50
20	256QAM	1	1	20.00	20.04	19.94	20.50
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	24.83	24.66	24.55	25.00
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	24.84	24.66	24.63	25.00
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	24.82	24.69	24.61	25.00

【FR1 n30_Ant 5_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		24.44		24.50
10	PI/2 BPSK	1	26		24.43		24.50
10	PI/2 BPSK	1	50		24.37		24.50
10	PI/2 BPSK	25	0		23.77		24.00
10	PI/2 BPSK	25	14		24.34		24.50
10	PI/2 BPSK	25	27		23.80		24.00
10	PI/2 BPSK	50	0		23.88		24.00
10	QPSK	1	1		24.37		24.50
10	QPSK	1	26		24.43		24.50
10	QPSK	1	50		24.42		24.50
10	QPSK	25	0		23.29		23.50
10	QPSK	25	14		24.35		24.50
10	QPSK	25	27		23.36		23.50
10	QPSK	50	0		23.41		23.50
10	16QAM	1	1		23.50		23.50
10	64QAM	1	1		21.84		22.00
10	256QAM	1	1		19.91		20.00
Channel				461500	462000	462500	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	24.40	24.33	24.37	24.50

【FR1 n30_Ant 5_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		24.44		24.50
10	PI/2 BPSK	1	26		24.43		24.50
10	PI/2 BPSK	1	50		24.37		24.50
10	PI/2 BPSK	25	0		23.77		24.00
10	PI/2 BPSK	25	14		24.34		24.50
10	PI/2 BPSK	25	27		23.80		24.00
10	PI/2 BPSK	50	0		23.88		24.00
10	QPSK	1	1		24.37		24.50
10	QPSK	1	26		24.43		24.50
10	QPSK	1	50		24.42		24.50
10	QPSK	25	0		23.29		23.50
10	QPSK	25	14		24.35		24.50
10	QPSK	25	27		23.36		23.50
10	QPSK	50	0		23.41		23.50
10	16QAM	1	1		23.50		23.50
10	64QAM	1	1		21.84		22.00
10	256QAM	1	1		19.91		20.00
Channel				461500	462000	462500	Tune-up limit
Frequency (MHz)				2307.5	2310	2312.5	(dBm)
5	PI/2 BPSK	1	1	24.40	24.33	24.37	24.50

【FR1 n30_Ant 5_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					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		24.44		24.50
10	PI/2 BPSK	1	26		24.43		24.50
10	PI/2 BPSK	1	50		24.37		24.50
10	PI/2 BPSK	25	0		23.77		24.00
10	PI/2 BPSK	25	14		24.34		24.50
10	PI/2 BPSK	25	27		23.80		24.00
10	PI/2 BPSK	50	0		23.88		24.00
10	QPSK	1	1		24.37		24.50
10	QPSK	1	26		24.43		24.50
10	QPSK	1	50		24.42		24.50
10	QPSK	25	0		23.29		23.50
10	QPSK	25	14		24.35		24.50
10	QPSK	25	27		23.36		23.50
10	QPSK	50	0		23.41		23.50
10	16QAM	1	1		23.50		23.50
10	64QAM	1	1		21.84		22.00
10	256QAM	1	1		19.91		20.00
Channel				461500	462000	462500	Tune-up limit
Frequency (MHz)				2307.5	2310	2312.5	(dBm)
5	PI/2 BPSK	1	1	24.40	24.33	24.37	24.50

【FR1 n30_Ant 5_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					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		24.44		24.50
10	PI/2 BPSK	1	26		24.43		24.50
10	PI/2 BPSK	1	50		24.37		24.50
10	PI/2 BPSK	25	0		23.77		24.00
10	PI/2 BPSK	25	14		24.34		24.50
10	PI/2 BPSK	25	27		23.80		24.00
10	PI/2 BPSK	50	0		23.88		24.00
10	QPSK	1	1		24.37		24.50
10	QPSK	1	26		24.43		24.50
10	QPSK	1	50		24.42		24.50
10	QPSK	25	0		23.29		23.50
10	QPSK	25	14		24.35		24.50
10	QPSK	25	27		23.36		23.50
10	QPSK	50	0		23.41		23.50
10	16QAM	1	1		23.50		23.50
10	64QAM	1	1		21.84		22.00
10	256QAM	1	1		19.91		20.00
Channel				461500	462000	462500	Tune-up limit
Frequency (MHz)				2307.5	2310	2312.5	(dBm)
5	PI/2 BPSK	1	1	24.40	24.33	24.37	24.50

【FR1 n30_Ant 5_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					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		24.44		24.50
10	PI/2 BPSK	1	26		24.43		24.50
10	PI/2 BPSK	1	50		24.37		24.50
10	PI/2 BPSK	25	0		23.77		24.00
10	PI/2 BPSK	25	14		24.34		24.50
10	PI/2 BPSK	25	27		23.80		24.00
10	PI/2 BPSK	50	0		23.88		24.00
10	QPSK	1	1		24.37		24.50
10	QPSK	1	26		24.43		24.50
10	QPSK	1	50		24.42		24.50
10	QPSK	25	0		23.29		23.50
10	QPSK	25	14		24.35		24.50
10	QPSK	25	27		23.36		23.50
10	QPSK	50	0		23.41		23.50
10	16QAM	1	1		23.50		23.50
10	64QAM	1	1		21.84		22.00
10	256QAM	1	1		19.91		20.00
Channel				461500	462000	462500	Tune-up limit
Frequency (MHz)				2307.5	2310	2312.5	(dBm)
5	PI/2 BPSK	1	1	24.40	24.33	24.37	24.50

【FR1 n30_Ant 8_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		24.35		24.50
10	PI/2 BPSK	1	26		24.29		24.50
10	PI/2 BPSK	1	50		24.31		24.50
10	PI/2 BPSK	25	0		23.76		24.00
10	PI/2 BPSK	25	14		24.25		24.50
10	PI/2 BPSK	25	27		23.74		24.00
10	PI/2 BPSK	50	0		23.76		24.00
10	QPSK	1	1		24.33		24.50
10	QPSK	1	26		24.32		24.50
10	QPSK	1	50		24.31		24.50
10	QPSK	25	0		23.24		23.50
10	QPSK	25	14		24.24		24.50
10	QPSK	25	27		23.22		23.50
10	QPSK	50	0		23.26		23.50
10	16QAM	1	1		23.50		23.50
10	64QAM	1	1		21.39		22.00
10	256QAM	1	1		19.64		20.00
Channel				461500	462000	462500	Tune-up limit
Frequency (MHz)				2307.5	2310	2312.5	(dBm)
5	PI/2 BPSK	1	1	24.31	24.34	24.30	24.50

【FR1 n30_Ant 8_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		24.35		24.50
10	PI/2 BPSK	1	26		24.29		24.50
10	PI/2 BPSK	1	50		24.31		24.50
10	PI/2 BPSK	25	0		23.76		24.00
10	PI/2 BPSK	25	14		24.25		24.50
10	PI/2 BPSK	25	27		23.74		24.00
10	PI/2 BPSK	50	0		23.76		24.00
10	QPSK	1	1		24.33		24.50
10	QPSK	1	26		24.32		24.50
10	QPSK	1	50		24.31		24.50
10	QPSK	25	0		23.24		23.50
10	QPSK	25	14		24.24		24.50
10	QPSK	25	27		23.22		23.50
10	QPSK	50	0		23.26		23.50
10	16QAM	1	1		23.50		23.50
10	64QAM	1	1		21.39		22.00
10	256QAM	1	1		19.64		20.00
Channel				461500	462000	462500	Tune-up limit
Frequency (MHz)				2307.5	2310	2312.5	(dBm)
5	PI/2 BPSK	1	1	24.31	24.34	24.30	24.50

【FR1 n30_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					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		24.35		24.50
10	PI/2 BPSK	1	26		24.29		24.50
10	PI/2 BPSK	1	50		24.31		24.50
10	PI/2 BPSK	25	0		23.76		24.00
10	PI/2 BPSK	25	14		24.25		24.50
10	PI/2 BPSK	25	27		23.74		24.00
10	PI/2 BPSK	50	0		23.76		24.00
10	QPSK	1	1		24.33		24.50
10	QPSK	1	26		24.32		24.50
10	QPSK	1	50		24.31		24.50
10	QPSK	25	0		23.24		23.50
10	QPSK	25	14		24.24		24.50
10	QPSK	25	27		23.22		23.50
10	QPSK	50	0		23.26		23.50
10	16QAM	1	1		23.50		23.50
10	64QAM	1	1		21.39		22.00
10	256QAM	1	1		19.64		20.00
Channel				461500	462000	462500	Tune-up limit
Frequency (MHz)				2307.5	2310	2312.5	(dBm)
5	PI/2 BPSK	1	1	24.31	24.34	24.30	24.50

【FR1 n30_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					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		24.02		24.20
10	PI/2 BPSK	1	26		23.96		24.20
10	PI/2 BPSK	1	50		23.82		24.20
10	PI/2 BPSK	25	0		23.81		24.00
10	PI/2 BPSK	25	14		23.87		24.20
10	PI/2 BPSK	25	27		23.74		24.00
10	PI/2 BPSK	50	0		23.77		24.00
10	QPSK	1	1		23.92		24.20
10	QPSK	1	26		23.86		24.20
10	QPSK	1	50		23.76		24.20
10	QPSK	25	0		23.38		23.50
10	QPSK	25	14		23.83		24.20
10	QPSK	25	27		23.23		23.50
10	QPSK	50	0		23.36		23.50
10	16QAM	1	1		23.38		23.50
10	64QAM	1	1		21.63		22.00
10	256QAM	1	1		19.82		20.00
Channel				461500	462000	462500	Tune-up limit
Frequency (MHz)				2307.5	2310	2312.5	(dBm)
5	PI/2 BPSK	1	1	23.76	23.81	23.77	24.20

【FR1 n30_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					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		24.35		24.50
10	PI/2 BPSK	1	26		24.29		24.50
10	PI/2 BPSK	1	50		24.31		24.50
10	PI/2 BPSK	25	0		23.76		24.00
10	PI/2 BPSK	25	14		24.25		24.50
10	PI/2 BPSK	25	27		23.74		24.00
10	PI/2 BPSK	50	0		23.76		24.00
10	QPSK	1	1		24.33		24.50
10	QPSK	1	26		24.32		24.50
10	QPSK	1	50		24.31		24.50
10	QPSK	25	0		23.24		23.50
10	QPSK	25	14		24.24		24.50
10	QPSK	25	27		23.22		23.50
10	QPSK	50	0		23.26		23.50
10	16QAM	1	1		23.50		23.50
10	64QAM	1	1		21.39		22.00
10	256QAM	1	1		19.64		20.00
Channel				461500	462000	462500	Tune-up limit
Frequency (MHz)				2307.5	2310	2312.5	(dBm)
5	PI/2 BPSK	1	1	24.31	24.34	24.30	24.50

【FR1 n38_Ant 5_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	24.86	24.82	24.87	25.00
40	PI/2 BPSK	1	53	24.76	24.67	24.64	25.00
40	PI/2 BPSK	1	104	24.69	24.76	24.84	25.00
40	PI/2 BPSK	50	0	24.34	24.31	24.32	24.50
40	PI/2 BPSK	50	28	24.60	24.70	24.72	25.00
40	PI/2 BPSK	50	56	24.19	24.23	24.17	24.50
40	PI/2 BPSK	100	0	24.12	24.23	24.27	24.50
40	QPSK	1	1	24.69	24.76	24.77	25.00
40	QPSK	1	53	24.58	24.66	24.65	25.00
40	QPSK	1	104	24.74	24.81	24.80	25.00
40	QPSK	50	0	23.74	23.82	23.73	24.00
40	QPSK	50	28	24.50	24.59	24.58	25.00
40	QPSK	50	56	23.80	23.84	23.87	24.00
40	QPSK	100	0	23.72	23.70	23.69	24.00
40	16QAM	1	1	23.81	23.91	23.84	24.00
40	64QAM	1	1	22.11	22.21	22.14	22.50
40	256QAM	1	1	19.97	19.98	19.98	20.50
Channel				517000	519000	521000	Tune-up limit
Frequency (MHz)				2585	2595	2605	(dBm)
30	PI/2 BPSK	1	1	24.79	24.69	24.73	25.00
Channel				516000	519000	522000	Tune-up limit
Frequency (MHz)				2580	2595	2610	(dBm)
20	PI/2 BPSK	1	1	24.83	24.75	24.83	25.00
Channel				515500	519000	522500	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	PI/2 BPSK	1	1	24.84	24.69	24.85	25.00
Channel				515000	519000	523000	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	PI/2 BPSK	1	1	24.79	24.80	24.73	25.00

【FR1 n38_Ant 5_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	24.86	24.82	24.87	25.00
40	PI/2 BPSK	1	53	24.76	24.67	24.64	25.00
40	PI/2 BPSK	1	104	24.69	24.76	24.84	25.00
40	PI/2 BPSK	50	0	24.34	24.31	24.32	24.50
40	PI/2 BPSK	50	28	24.60	24.70	24.72	25.00
40	PI/2 BPSK	50	56	24.19	24.23	24.17	24.50
40	PI/2 BPSK	100	0	24.12	24.23	24.27	24.50
40	QPSK	1	1	24.69	24.76	24.77	25.00
40	QPSK	1	53	24.58	24.66	24.65	25.00
40	QPSK	1	104	24.74	24.81	24.80	25.00
40	QPSK	50	0	23.74	23.82	23.73	24.00
40	QPSK	50	28	24.50	24.59	24.58	25.00
40	QPSK	50	56	23.80	23.84	23.87	24.00
40	QPSK	100	0	23.72	23.70	23.69	24.00
40	16QAM	1	1	23.81	23.91	23.84	24.00
40	64QAM	1	1	22.11	22.21	22.14	22.50
40	256QAM	1	1	19.97	19.98	19.98	20.50
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	24.79	24.69	24.73	25.00
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	24.83	24.75	24.83	25.00
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	24.84	24.69	24.85	25.00
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	24.79	24.80	24.73	25.00

【FR1 n38_Ant 5_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	24.86	24.82	24.87	25.00
40	PI/2 BPSK	1	53	24.76	24.67	24.64	25.00
40	PI/2 BPSK	1	104	24.69	24.76	24.84	25.00
40	PI/2 BPSK	50	0	24.34	24.31	24.32	24.50
40	PI/2 BPSK	50	28	24.60	24.70	24.72	25.00
40	PI/2 BPSK	50	56	24.19	24.23	24.17	24.50
40	PI/2 BPSK	100	0	24.12	24.23	24.27	24.50
40	QPSK	1	1	24.69	24.76	24.77	25.00
40	QPSK	1	53	24.58	24.66	24.65	25.00
40	QPSK	1	104	24.74	24.81	24.80	25.00
40	QPSK	50	0	23.74	23.82	23.73	24.00
40	QPSK	50	28	24.50	24.59	24.58	25.00
40	QPSK	50	56	23.80	23.84	23.87	24.00
40	QPSK	100	0	23.72	23.70	23.69	24.00
40	16QAM	1	1	23.81	23.91	23.84	24.00
40	64QAM	1	1	22.11	22.21	22.14	22.50
40	256QAM	1	1	19.97	19.98	19.98	20.50
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	24.79	24.69	24.73	25.00
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	24.83	24.75	24.83	25.00
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	24.84	24.69	24.85	25.00
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	24.79	24.80	24.73	25.00

【FR1 n38_Ant 5_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	24.86	24.82	24.87	25.00
40	PI/2 BPSK	1	53	24.76	24.67	24.64	25.00
40	PI/2 BPSK	1	104	24.69	24.76	24.84	25.00
40	PI/2 BPSK	50	0	24.34	24.31	24.32	24.50
40	PI/2 BPSK	50	28	24.60	24.70	24.72	25.00
40	PI/2 BPSK	50	56	24.19	24.23	24.17	24.50
40	PI/2 BPSK	100	0	24.12	24.23	24.27	24.50
40	QPSK	1	1	24.69	24.76	24.77	25.00
40	QPSK	1	53	24.58	24.66	24.65	25.00
40	QPSK	1	104	24.74	24.81	24.80	25.00
40	QPSK	50	0	23.74	23.82	23.73	24.00
40	QPSK	50	28	24.50	24.59	24.58	25.00
40	QPSK	50	56	23.80	23.84	23.87	24.00
40	QPSK	100	0	23.72	23.70	23.69	24.00
40	16QAM	1	1	23.81	23.91	23.84	24.00
40	64QAM	1	1	22.11	22.21	22.14	22.50
40	256QAM	1	1	19.97	19.98	19.98	20.50
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	24.79	24.69	24.73	25.00
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	24.83	24.75	24.83	25.00
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	24.84	24.69	24.85	25.00
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	24.79	24.80	24.73	25.00

【FR1 n38_Ant 5_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	24.86	24.82	24.87	25.00
40	PI/2 BPSK	1	53	24.76	24.67	24.64	25.00
40	PI/2 BPSK	1	104	24.69	24.76	24.84	25.00
40	PI/2 BPSK	50	0	24.34	24.31	24.32	24.50
40	PI/2 BPSK	50	28	24.60	24.70	24.72	25.00
40	PI/2 BPSK	50	56	24.19	24.23	24.17	24.50
40	PI/2 BPSK	100	0	24.12	24.23	24.27	24.50
40	QPSK	1	1	24.69	24.76	24.77	25.00
40	QPSK	1	53	24.58	24.66	24.65	25.00
40	QPSK	1	104	24.74	24.81	24.80	25.00
40	QPSK	50	0	23.74	23.82	23.73	24.00
40	QPSK	50	28	24.50	24.59	24.58	25.00
40	QPSK	50	56	23.80	23.84	23.87	24.00
40	QPSK	100	0	23.72	23.70	23.69	24.00
40	16QAM	1	1	23.81	23.91	23.84	24.00
40	64QAM	1	1	22.11	22.21	22.14	22.50
40	256QAM	1	1	19.97	19.98	19.98	20.50
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	24.79	24.69	24.73	25.00
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	24.83	24.75	24.83	25.00
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	24.84	24.69	24.85	25.00
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	24.79	24.80	24.73	25.00

【FR1 n38_Ant 8_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	24.80	24.96	24.87	25.00
40	PI/2 BPSK	1	53	24.56	24.77	24.65	25.00
40	PI/2 BPSK	1	104	24.54	24.82	24.59	25.00
40	PI/2 BPSK	50	0	24.15	24.33	24.22	24.50
40	PI/2 BPSK	50	28	24.58	24.79	24.55	25.00
40	PI/2 BPSK	50	56	24.13	24.33	24.22	24.50
40	PI/2 BPSK	100	0	23.98	24.27	24.08	24.50
40	QPSK	1	1	24.67	24.88	24.72	25.00
40	QPSK	1	53	24.63	24.84	24.69	25.00
40	QPSK	1	104	24.72	24.92	24.81	25.00
40	QPSK	50	0	23.56	23.84	23.63	24.00
40	QPSK	50	28	24.49	24.78	24.68	25.00
40	QPSK	50	56	23.56	23.83	23.64	24.00
40	QPSK	100	0	23.58	23.80	23.59	24.00
40	16QAM	1	1	23.55	23.82	23.66	24.00
40	64QAM	1	1	22.09	22.27	22.17	22.50
40	256QAM	1	1	19.89	20.13	19.97	20.50
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	24.69	24.93	24.75	25.00
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	24.77	24.83	24.84	25.00
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	24.73	24.87	24.84	25.00
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	24.73	24.92	24.76	25.00

【FR1 n38_Ant 8_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	23.46	23.52	23.57	24.10
40	PI/2 BPSK	1	53	23.38	23.49	23.42	24.10
40	PI/2 BPSK	1	104	23.39	23.50	23.51	24.10
40	PI/2 BPSK	50	0	23.34	23.47	23.41	24.10
40	PI/2 BPSK	50	28	23.30	23.50	23.53	24.10
40	PI/2 BPSK	50	56	23.28	23.44	23.34	24.10
40	PI/2 BPSK	100	0	23.27	23.41	23.44	24.10
40	QPSK	1	1	23.22	23.43	23.43	24.10
40	QPSK	1	53	23.34	23.48	23.47	24.10
40	QPSK	1	104	23.36	23.51	23.43	24.10
40	QPSK	50	0	23.32	23.46	23.41	24.10
40	QPSK	50	28	23.32	23.48	23.46	24.10
40	QPSK	50	56	23.32	23.45	23.42	24.10
40	QPSK	100	0	23.21	23.41	23.43	24.10
40	16QAM	1	1	22.90	23.05	23.08	24.10
40	64QAM	1	1	22.10	22.24	22.19	22.50
40	256QAM	1	1	20.24	20.41	20.34	20.50
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	23.34	23.48	23.56	24.10
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	23.36	23.46	23.53	24.10
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	23.34	23.46	23.48	24.10
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	23.33	23.46	23.46	24.10

【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	24.80	24.96	24.87	25.00
40	PI/2 BPSK	1	53	24.56	24.77	24.65	25.00
40	PI/2 BPSK	1	104	24.54	24.82	24.59	25.00
40	PI/2 BPSK	50	0	24.15	24.33	24.22	24.50
40	PI/2 BPSK	50	28	24.58	24.79	24.55	25.00
40	PI/2 BPSK	50	56	24.13	24.33	24.22	24.50
40	PI/2 BPSK	100	0	23.98	24.27	24.08	24.50
40	QPSK	1	1	24.67	24.88	24.72	25.00
40	QPSK	1	53	24.63	24.84	24.69	25.00
40	QPSK	1	104	24.72	24.92	24.81	25.00
40	QPSK	50	0	23.56	23.84	23.63	24.00
40	QPSK	50	28	24.49	24.78	24.68	25.00
40	QPSK	50	56	23.56	23.83	23.64	24.00
40	QPSK	100	0	23.58	23.80	23.59	24.00
40	16QAM	1	1	23.55	23.82	23.66	24.00
40	64QAM	1	1	22.09	22.27	22.17	22.50
40	256QAM	1	1	19.89	20.13	19.97	20.50
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	24.69	24.93	24.75	25.00
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	24.77	24.83	24.84	25.00
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	24.73	24.87	24.84	25.00
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	24.73	24.92	24.76	25.00

【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	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	23.46	23.52	23.57	23.90
40	PI/2 BPSK	1	53	23.38	23.49	23.42	23.90
40	PI/2 BPSK	1	104	23.39	23.50	23.51	23.90
40	PI/2 BPSK	50	0	23.34	23.47	23.41	23.90
40	PI/2 BPSK	50	28	23.30	23.50	23.53	23.90
40	PI/2 BPSK	50	56	23.28	23.44	23.34	23.90
40	PI/2 BPSK	100	0	23.27	23.41	23.44	23.90
40	QPSK	1	1	23.22	23.43	23.43	23.90
40	QPSK	1	53	23.34	23.48	23.47	23.90
40	QPSK	1	104	23.36	23.51	23.43	23.90
40	QPSK	50	0	23.32	23.46	23.41	23.90
40	QPSK	50	28	23.32	23.48	23.46	23.90
40	QPSK	50	56	23.32	23.45	23.42	23.90
40	QPSK	100	0	23.21	23.41	23.43	23.90
40	16QAM	1	1	22.90	23.05	23.08	23.90
40	64QAM	1	1	22.10	22.24	22.19	22.50
40	256QAM	1	1	20.24	20.41	20.34	20.50
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	23.34	23.48	23.56	23.90
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	23.36	23.46	23.53	23.90
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	23.34	23.46	23.48	23.90
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	23.33	23.46	23.46	23.90

【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	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	23.79	23.87	23.86	24.10
40	PI/2 BPSK	1	53	23.59	23.80	23.71	24.10
40	PI/2 BPSK	1	104	23.67	23.82	23.67	24.10
40	PI/2 BPSK	50	0	23.54	23.77	23.66	24.10
40	PI/2 BPSK	50	28	23.66	23.82	23.73	24.10
40	PI/2 BPSK	50	56	23.62	23.78	23.64	24.10
40	PI/2 BPSK	100	0	23.55	23.74	23.59	24.10
40	QPSK	1	1	23.62	23.73	23.58	24.10
40	QPSK	1	53	23.47	23.69	23.56	24.10
40	QPSK	1	104	23.60	23.82	23.78	24.10
40	QPSK	50	0	23.65	23.81	23.69	24.00
40	QPSK	50	28	23.59	23.79	23.66	24.10
40	QPSK	50	56	23.57	23.78	23.73	24.00
40	QPSK	100	0	23.57	23.72	23.70	24.00
40	16QAM	1	1	23.46	23.56	23.49	24.00
40	64QAM	1	1	21.73	21.91	21.79	22.50
40	256QAM	1	1	19.61	19.82	19.72	20.50
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	23.64	23.83	23.80	24.10
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	23.67	23.84	23.77	24.10
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	23.77	23.82	23.80	24.10
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	23.75	23.74	23.84	24.10

【FR1 n41_ FCC_Ant 3_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	22.87	23.80	23.78	24.00
100	PI/2 BPSK	1	137	22.44	23.42	23.35	24.00
100	PI/2 BPSK	1	271	22.83	23.78	23.62	24.00
100	PI/2 BPSK	135	0	22.02	22.95	22.79	23.50
100	PI/2 BPSK	135	69	22.54	23.53	23.48	24.00
100	PI/2 BPSK	135	138	22.46	23.44	23.41	23.50
100	PI/2 BPSK	270	0	22.14	23.09	23.04	23.50
100	QPSK	1	1	22.66	23.73	23.68	24.00
100	QPSK	1	137	22.47	23.43	23.40	24.00
100	QPSK	1	271	22.76	23.77	23.61	24.00
100	QPSK	135	0	21.49	22.51	22.47	23.00
100	QPSK	135	69	22.59	23.58	23.43	24.00
100	QPSK	135	138	22.05	23.00	22.91	23.00
100	QPSK	270	0	21.73	22.76	22.62	23.00
100	16QAM	1	1	21.87	22.90	22.80	23.00
100	64QAM	1	1	20.56	21.47	21.41	21.50
100	256QAM	1	1	18.89	19.78	19.72	20.00
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	22.84	23.76	23.71	24.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.80	23.78	23.67	24.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	22.77	23.77	23.69	24.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	22.75	23.76	23.66	24.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	22.82	23.73	23.73	24.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	22.84	23.76	23.70	24.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	22.72	23.78	23.64	24.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.82	23.70	23.65	24.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	22.76	23.71	23.75	24.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	22.78	23.73	23.76	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	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	22.87	23.80	23.78	24.00
100	PI/2 BPSK	1	137	22.44	23.42	23.35	24.00
100	PI/2 BPSK	1	271	22.83	23.78	23.62	24.00
100	PI/2 BPSK	135	0	22.02	22.95	22.79	23.50
100	PI/2 BPSK	135	69	22.54	23.53	23.48	24.00
100	PI/2 BPSK	135	138	22.46	23.44	23.41	23.50
100	PI/2 BPSK	270	0	22.14	23.09	23.04	23.50
100	QPSK	1	1	22.66	23.73	23.68	24.00
100	QPSK	1	137	22.47	23.43	23.40	24.00
100	QPSK	1	271	22.76	23.77	23.61	24.00
100	QPSK	135	0	21.49	22.51	22.47	23.00
100	QPSK	135	69	22.59	23.58	23.43	24.00
100	QPSK	135	138	22.05	23.00	22.91	23.00
100	QPSK	270	0	21.73	22.76	22.62	23.00
100	16QAM	1	1	21.87	22.90	22.80	23.00
100	64QAM	1	1	20.56	21.47	21.41	21.50
100	256QAM	1	1	18.89	19.78	19.72	20.00
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	22.84	23.76	23.71	24.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.80	23.78	23.67	24.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	22.77	23.77	23.69	24.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	22.75	23.76	23.66	24.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	22.82	23.73	23.73	24.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	22.84	23.76	23.70	24.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	22.72	23.78	23.64	24.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.82	23.70	23.65	24.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	22.76	23.71	23.75	24.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	22.78	23.73	23.76	24.00

【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	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	22.13	23.56	22.86	23.70
100	PI/2 BPSK	1	137	21.70	22.72	21.90	23.70
100	PI/2 BPSK	1	271	21.89	23.46	22.69	23.70
100	PI/2 BPSK	135	0	21.51	22.69	21.97	23.50
100	PI/2 BPSK	135	69	21.70	22.81	22.05	23.70
100	PI/2 BPSK	135	138	21.65	23.20	22.40	23.50
100	PI/2 BPSK	270	0	21.52	22.84	22.07	23.50
100	QPSK	1	1	21.70	23.05	22.35	23.70
100	QPSK	1	137	21.71	22.71	21.89	23.70
100	QPSK	1	271	21.72	23.26	22.52	23.70
100	QPSK	135	0	21.27	22.70	21.98	23.00
100	QPSK	135	69	21.71	22.69	21.94	23.70
100	QPSK	135	138	21.46	23.00	22.24	23.00
100	QPSK	270	0	21.27	22.72	21.95	23.00
100	16QAM	1	1	21.35	22.88	22.16	23.00
100	64QAM	1	1	20.13	21.46	20.70	21.50
100	256QAM	1	1	18.26	19.56	18.92	20.00
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	22.10	23.47	22.74	23.70
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.07	23.49	22.77	23.70
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	22.10	23.51	22.82	23.70
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	22.07	23.42	22.75	23.70
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	22.05	23.44	22.81	23.70
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	22.03	23.50	22.75	23.70
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	22.02	23.52	22.80	23.70
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.09	23.50	22.77	23.70
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	22.03	23.51	22.77	23.70
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	22.11	23.49	22.73	23.70

【FR1 n41_ FCC_Ant 3_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	22.13	23.56	22.86	23.70
100	PI/2 BPSK	1	137	21.70	22.72	21.90	23.70
100	PI/2 BPSK	1	271	21.89	23.46	22.69	23.70
100	PI/2 BPSK	135	0	21.51	22.69	21.97	23.50
100	PI/2 BPSK	135	69	21.70	22.81	22.05	23.70
100	PI/2 BPSK	135	138	21.65	23.20	22.40	23.50
100	PI/2 BPSK	270	0	21.52	22.84	22.07	23.50
100	QPSK	1	1	21.70	23.05	22.35	23.70
100	QPSK	1	137	21.71	22.71	21.89	23.70
100	QPSK	1	271	21.72	23.26	22.52	23.70
100	QPSK	135	0	21.27	22.70	21.98	23.00
100	QPSK	135	69	21.71	22.69	21.94	23.70
100	QPSK	135	138	21.46	23.00	22.24	23.00
100	QPSK	270	0	21.27	22.72	21.95	23.00
100	16QAM	1	1	21.35	22.88	22.16	23.00
100	64QAM	1	1	20.13	21.46	20.70	21.50
100	256QAM	1	1	18.26	19.56	18.92	20.00
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	22.10	23.47	22.74	23.70
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.07	23.49	22.77	23.70
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	22.10	23.51	22.82	23.70
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	22.07	23.42	22.75	23.70
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	22.05	23.44	22.81	23.70
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	22.03	23.50	22.75	23.70
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	22.02	23.52	22.80	23.70
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.09	23.50	22.77	23.70
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	22.03	23.51	22.77	23.70
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	22.11	23.49	22.73	23.70

【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	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	22.13	23.56	22.86	23.70
100	PI/2 BPSK	1	137	21.70	22.72	21.90	23.70
100	PI/2 BPSK	1	271	21.89	23.46	22.69	23.70
100	PI/2 BPSK	135	0	21.51	22.69	21.97	23.50
100	PI/2 BPSK	135	69	21.70	22.81	22.05	23.70
100	PI/2 BPSK	135	138	21.65	23.20	22.40	23.50
100	PI/2 BPSK	270	0	21.52	22.84	22.07	23.50
100	QPSK	1	1	21.70	23.05	22.35	23.70
100	QPSK	1	137	21.71	22.71	21.89	23.70
100	QPSK	1	271	21.72	23.26	22.52	23.70
100	QPSK	135	0	21.27	22.70	21.98	23.00
100	QPSK	135	69	21.71	22.69	21.94	23.70
100	QPSK	135	138	21.46	23.00	22.24	23.00
100	QPSK	270	0	21.27	22.72	21.95	23.00
100	16QAM	1	1	21.35	22.88	22.16	23.00
100	64QAM	1	1	20.13	21.46	20.70	21.50
100	256QAM	1	1	18.26	19.56	18.92	20.00
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	22.10	23.47	22.74	23.70
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.07	23.49	22.77	23.70
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	22.10	23.51	22.82	23.70
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	22.07	23.42	22.75	23.70
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	22.05	23.44	22.81	23.70
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	22.03	23.50	22.75	23.70
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	22.02	23.52	22.80	23.70
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.09	23.50	22.77	23.70
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	22.03	23.51	22.77	23.70
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	22.11	23.49	22.73	23.70

【FR1 n41_ FCC_Ant 4_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	22.10	22.61	22.70	23.00
100	PI/2 BPSK	1	137	21.78	22.34	22.32	23.00
100	PI/2 BPSK	1	271	21.62	22.21	22.26	23.00
100	PI/2 BPSK	135	0	21.86	22.44	22.50	22.50
100	PI/2 BPSK	135	69	22.05	22.57	22.54	23.00
100	PI/2 BPSK	135	138	21.32	21.89	21.88	22.50
100	PI/2 BPSK	270	0	21.38	21.98	22.03	22.50
100	QPSK	1	1	21.89	22.53	22.48	23.00
100	QPSK	1	137	21.63	22.25	22.20	23.00
100	QPSK	1	271	21.57	22.18	22.14	23.00
100	QPSK	135	0	21.35	21.95	21.93	22.00
100	QPSK	135	69	21.88	22.46	22.44	23.00
100	QPSK	135	138	21.15	21.68	21.72	22.00
100	QPSK	270	0	20.97	21.58	21.58	22.00
100	16QAM	1	1	21.40	22.00	22.00	22.00
100	64QAM	1	1	19.87	20.41	20.40	20.50
100	256QAM	1	1	18.24	18.69	18.71	19.00
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	22.08	22.55	22.57	23.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.02	22.52	22.67	23.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	21.97	22.59	22.65	23.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	22.02	22.47	22.57	23.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	22.03	22.51	22.58	23.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	22.08	22.51	22.64	23.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	22.07	22.54	22.58	23.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.04	22.59	22.67	23.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	21.98	22.59	22.62	23.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	22.06	22.48	22.60	23.00

【FR1 n41_ FCC_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				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	22.10	22.61	22.70	23.00
100	PI/2 BPSK	1	137	21.78	22.34	22.32	23.00
100	PI/2 BPSK	1	271	21.62	22.21	22.26	23.00
100	PI/2 BPSK	135	0	21.86	22.44	22.50	22.50
100	PI/2 BPSK	135	69	22.05	22.57	22.54	23.00
100	PI/2 BPSK	135	138	21.32	21.89	21.88	22.50
100	PI/2 BPSK	270	0	21.38	21.98	22.03	22.50
100	QPSK	1	1	21.89	22.53	22.48	23.00
100	QPSK	1	137	21.63	22.25	22.20	23.00
100	QPSK	1	271	21.57	22.18	22.14	23.00
100	QPSK	135	0	21.35	21.95	21.93	22.00
100	QPSK	135	69	21.88	22.46	22.44	23.00
100	QPSK	135	138	21.15	21.68	21.72	22.00
100	QPSK	270	0	20.97	21.58	21.58	22.00
100	16QAM	1	1	21.40	22.00	22.00	22.00
100	64QAM	1	1	19.87	20.41	20.40	20.50
100	256QAM	1	1	18.24	18.69	18.71	19.00
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	22.08	22.55	22.57	23.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.02	22.52	22.67	23.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	21.97	22.59	22.65	23.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	22.02	22.47	22.57	23.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	22.03	22.51	22.58	23.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	22.08	22.51	22.64	23.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	22.07	22.54	22.58	23.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.04	22.59	22.67	23.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	21.98	22.59	22.62	23.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	22.06	22.48	22.60	23.00

【FR1 n41_ FCC_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				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	22.10	22.61	22.70	23.00
100	PI/2 BPSK	1	137	21.78	22.34	22.32	23.00
100	PI/2 BPSK	1	271	21.62	22.21	22.26	23.00
100	PI/2 BPSK	135	0	21.86	22.44	22.50	22.50
100	PI/2 BPSK	135	69	22.05	22.57	22.54	23.00
100	PI/2 BPSK	135	138	21.32	21.89	21.88	22.50
100	PI/2 BPSK	270	0	21.38	21.98	22.03	22.50
100	QPSK	1	1	21.89	22.53	22.48	23.00
100	QPSK	1	137	21.63	22.25	22.20	23.00
100	QPSK	1	271	21.57	22.18	22.14	23.00
100	QPSK	135	0	21.35	21.95	21.93	22.00
100	QPSK	135	69	21.88	22.46	22.44	23.00
100	QPSK	135	138	21.15	21.68	21.72	22.00
100	QPSK	270	0	20.97	21.58	21.58	22.00
100	16QAM	1	1	21.40	22.00	22.00	22.00
100	64QAM	1	1	19.87	20.41	20.40	20.50
100	256QAM	1	1	18.24	18.69	18.71	19.00
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	22.08	22.55	22.57	23.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.02	22.52	22.67	23.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	21.97	22.59	22.65	23.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	22.02	22.47	22.57	23.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	22.03	22.51	22.58	23.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	22.08	22.51	22.64	23.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	22.07	22.54	22.58	23.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.04	22.59	22.67	23.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	21.98	22.59	22.62	23.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	22.06	22.48	22.60	23.00

【FR1 n41_ FCC_Ant 4_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	22.10	22.61	22.70	23.00
100	PI/2 BPSK	1	137	21.78	22.34	22.32	23.00
100	PI/2 BPSK	1	271	21.62	22.21	22.26	23.00
100	PI/2 BPSK	135	0	21.86	22.44	22.50	22.50
100	PI/2 BPSK	135	69	22.05	22.57	22.54	23.00
100	PI/2 BPSK	135	138	21.32	21.89	21.88	22.50
100	PI/2 BPSK	270	0	21.38	21.98	22.03	22.50
100	QPSK	1	1	21.89	22.53	22.48	23.00
100	QPSK	1	137	21.63	22.25	22.20	23.00
100	QPSK	1	271	21.57	22.18	22.14	23.00
100	QPSK	135	0	21.35	21.95	21.93	22.00
100	QPSK	135	69	21.88	22.46	22.44	23.00
100	QPSK	135	138	21.15	21.68	21.72	22.00
100	QPSK	270	0	20.97	21.58	21.58	22.00
100	16QAM	1	1	21.40	22.00	22.00	22.00
100	64QAM	1	1	19.87	20.41	20.40	20.50
100	256QAM	1	1	18.24	18.69	18.71	19.00
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	22.08	22.55	22.57	23.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.02	22.52	22.67	23.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	21.97	22.59	22.65	23.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	22.02	22.47	22.57	23.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	22.03	22.51	22.58	23.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	22.08	22.51	22.64	23.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	22.07	22.54	22.58	23.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.04	22.59	22.67	23.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	21.98	22.59	22.62	23.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	22.06	22.48	22.60	23.00

【FR1 n41_ FCC_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				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	22.10	22.61	22.70	23.00
100	PI/2 BPSK	1	137	21.78	22.34	22.32	23.00
100	PI/2 BPSK	1	271	21.62	22.21	22.26	23.00
100	PI/2 BPSK	135	0	21.86	22.44	22.50	22.50
100	PI/2 BPSK	135	69	22.05	22.57	22.54	23.00
100	PI/2 BPSK	135	138	21.32	21.89	21.88	22.50
100	PI/2 BPSK	270	0	21.38	21.98	22.03	22.50
100	QPSK	1	1	21.89	22.53	22.48	23.00
100	QPSK	1	137	21.63	22.25	22.20	23.00
100	QPSK	1	271	21.57	22.18	22.14	23.00
100	QPSK	135	0	21.35	21.95	21.93	22.00
100	QPSK	135	69	21.88	22.46	22.44	23.00
100	QPSK	135	138	21.15	21.68	21.72	22.00
100	QPSK	270	0	20.97	21.58	21.58	22.00
100	16QAM	1	1	21.40	22.00	22.00	22.00
100	64QAM	1	1	19.87	20.41	20.40	20.50
100	256QAM	1	1	18.24	18.69	18.71	19.00
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	22.08	22.55	22.57	23.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.02	22.52	22.67	23.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	21.97	22.59	22.65	23.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	22.02	22.47	22.57	23.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	22.03	22.51	22.58	23.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	22.08	22.51	22.64	23.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	22.07	22.54	22.58	23.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.04	22.59	22.67	23.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	21.98	22.59	22.62	23.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	22.06	22.48	22.60	23.00

【FR1 n41_ FCC_Ant 5_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	24.72	24.94	24.53	25.00
100	PI/2 BPSK	1	137	24.61	24.65	24.50	25.00
100	PI/2 BPSK	1	271	24.71	24.80	24.32	25.00
100	PI/2 BPSK	135	0	23.96	24.25	24.10	24.50
100	PI/2 BPSK	135	69	24.37	24.66	24.24	25.00
100	PI/2 BPSK	135	138	23.94	24.25	24.45	24.50
100	PI/2 BPSK	270	0	24.04	24.27	23.73	24.50
100	QPSK	1	1	24.64	24.88	24.39	25.00
100	QPSK	1	137	24.39	24.74	24.23	25.00
100	QPSK	1	271	24.53	24.87	24.32	25.00
100	QPSK	135	0	23.52	23.76	23.26	24.00
100	QPSK	135	69	24.31	24.64	24.21	25.00
100	QPSK	135	138	23.52	23.77	23.36	24.00
100	QPSK	270	0	23.46	23.79	23.34	24.00
100	16QAM	1	1	23.46	23.72	23.28	24.00
100	64QAM	1	1	22.02	22.24	21.73	22.50
100	256QAM	1	1	19.87	20.14	19.67	20.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	24.57	24.82	24.51	25.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	24.59	24.87	24.44	25.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	24.63	24.88	24.43	25.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	24.59	24.90	24.39	25.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	24.69	24.85	24.42	25.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	24.59	24.92	24.52	25.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	24.71	24.91	24.44	25.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	24.66	24.88	24.49	25.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	24.68	24.88	24.49	25.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	24.68	24.88	24.41	25.00

【FR1 n41_ FCC_Ant 5_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	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	24.72	24.94	24.53	25.00
100	PI/2 BPSK	1	137	24.61	24.65	24.50	25.00
100	PI/2 BPSK	1	271	24.71	24.80	24.32	25.00
100	PI/2 BPSK	135	0	23.96	24.25	24.10	24.50
100	PI/2 BPSK	135	69	24.37	24.66	24.24	25.00
100	PI/2 BPSK	135	138	23.94	24.25	24.45	24.50
100	PI/2 BPSK	270	0	24.04	24.27	23.73	24.50
100	QPSK	1	1	24.64	24.88	24.39	25.00
100	QPSK	1	137	24.39	24.74	24.23	25.00
100	QPSK	1	271	24.53	24.87	24.32	25.00
100	QPSK	135	0	23.52	23.76	23.26	24.00
100	QPSK	135	69	24.31	24.64	24.21	25.00
100	QPSK	135	138	23.52	23.77	23.36	24.00
100	QPSK	270	0	23.46	23.79	23.34	24.00
100	16QAM	1	1	23.46	23.72	23.28	24.00
100	64QAM	1	1	22.02	22.24	21.73	22.50
100	256QAM	1	1	19.87	20.14	19.67	20.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	24.57	24.82	24.51	25.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	24.59	24.87	24.44	25.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	24.63	24.88	24.43	25.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	24.59	24.90	24.39	25.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	24.69	24.85	24.42	25.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	24.59	24.92	24.52	25.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	24.71	24.91	24.44	25.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	24.66	24.88	24.49	25.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	24.68	24.88	24.49	25.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	24.68	24.88	24.41	25.00

【FR1 n41_ FCC_Ant 5_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	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	24.72	24.94	24.53	25.00
100	PI/2 BPSK	1	137	24.61	24.65	24.50	25.00
100	PI/2 BPSK	1	271	24.71	24.80	24.32	25.00
100	PI/2 BPSK	135	0	23.96	24.25	24.10	24.50
100	PI/2 BPSK	135	69	24.37	24.66	24.24	25.00
100	PI/2 BPSK	135	138	23.94	24.25	24.45	24.50
100	PI/2 BPSK	270	0	24.04	24.27	23.73	24.50
100	QPSK	1	1	24.64	24.88	24.39	25.00
100	QPSK	1	137	24.39	24.74	24.23	25.00
100	QPSK	1	271	24.53	24.87	24.32	25.00
100	QPSK	135	0	23.52	23.76	23.26	24.00
100	QPSK	135	69	24.31	24.64	24.21	25.00
100	QPSK	135	138	23.52	23.77	23.36	24.00
100	QPSK	270	0	23.46	23.79	23.34	24.00
100	16QAM	1	1	23.46	23.72	23.28	24.00
100	64QAM	1	1	22.02	22.24	21.73	22.50
100	256QAM	1	1	19.87	20.14	19.67	20.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	24.57	24.82	24.51	25.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	24.59	24.87	24.44	25.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	24.63	24.88	24.43	25.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	24.59	24.90	24.39	25.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	24.69	24.85	24.42	25.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	24.59	24.92	24.52	25.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	24.71	24.91	24.44	25.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	24.66	24.88	24.49	25.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	24.68	24.88	24.49	25.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	24.68	24.88	24.41	25.00

【FR1 n41_ FCC_Ant 5_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	24.72	24.94	24.53	25.00
100	PI/2 BPSK	1	137	24.61	24.65	24.50	25.00
100	PI/2 BPSK	1	271	24.71	24.80	24.32	25.00
100	PI/2 BPSK	135	0	23.96	24.25	24.10	24.50
100	PI/2 BPSK	135	69	24.37	24.66	24.24	25.00
100	PI/2 BPSK	135	138	23.94	24.25	24.45	24.50
100	PI/2 BPSK	270	0	24.04	24.27	23.73	24.50
100	QPSK	1	1	24.64	24.88	24.39	25.00
100	QPSK	1	137	24.39	24.74	24.23	25.00
100	QPSK	1	271	24.53	24.87	24.32	25.00
100	QPSK	135	0	23.52	23.76	23.26	24.00
100	QPSK	135	69	24.31	24.64	24.21	25.00
100	QPSK	135	138	23.52	23.77	23.36	24.00
100	QPSK	270	0	23.46	23.79	23.34	24.00
100	16QAM	1	1	23.46	23.72	23.28	24.00
100	64QAM	1	1	22.02	22.24	21.73	22.50
100	256QAM	1	1	19.87	20.14	19.67	20.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	24.57	24.82	24.51	25.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	24.59	24.87	24.44	25.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	24.63	24.88	24.43	25.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	24.59	24.90	24.39	25.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	24.69	24.85	24.42	25.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	24.59	24.92	24.52	25.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	24.71	24.91	24.44	25.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	24.66	24.88	24.49	25.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	24.68	24.88	24.49	25.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	24.68	24.88	24.41	25.00

【FR1 n41_ FCC_Ant 5_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	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	24.72	24.94	24.53	25.00
100	PI/2 BPSK	1	137	24.61	24.65	24.50	25.00
100	PI/2 BPSK	1	271	24.71	24.80	24.32	25.00
100	PI/2 BPSK	135	0	23.96	24.25	24.10	24.50
100	PI/2 BPSK	135	69	24.37	24.66	24.24	25.00
100	PI/2 BPSK	135	138	23.94	24.25	24.45	24.50
100	PI/2 BPSK	270	0	24.04	24.27	23.73	24.50
100	QPSK	1	1	24.64	24.88	24.39	25.00
100	QPSK	1	137	24.39	24.74	24.23	25.00
100	QPSK	1	271	24.53	24.87	24.32	25.00
100	QPSK	135	0	23.52	23.76	23.26	24.00
100	QPSK	135	69	24.31	24.64	24.21	25.00
100	QPSK	135	138	23.52	23.77	23.36	24.00
100	QPSK	270	0	23.46	23.79	23.34	24.00
100	16QAM	1	1	23.46	23.72	23.28	24.00
100	64QAM	1	1	22.02	22.24	21.73	22.50
100	256QAM	1	1	19.87	20.14	19.67	20.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	24.57	24.82	24.51	25.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	24.59	24.87	24.44	25.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	24.63	24.88	24.43	25.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	24.59	24.90	24.39	25.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	24.69	24.85	24.42	25.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	24.59	24.92	24.52	25.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	24.71	24.91	24.44	25.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	24.66	24.88	24.49	25.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	24.68	24.88	24.49	25.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	24.68	24.88	24.41	25.00

【FR1 n41_ FCC_HPUE_Ant 5_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	26.56	26.88	26.50	27.00
100	PI/2 BPSK	1	137	26.52	26.68	25.84	27.00
100	PI/2 BPSK	1	271	26.42	25.91	25.00	27.00
100	PI/2 BPSK	135	0	25.89	26.26	25.85	26.50
100	PI/2 BPSK	135	69	26.20	26.67	26.19	27.00
100	PI/2 BPSK	135	138	25.82	26.26	25.76	26.50
100	PI/2 BPSK	270	0	25.91	26.28	25.85	26.50
100	QPSK	1	1	26.49	26.85	26.35	27.00
100	QPSK	1	137	26.26	26.70	26.19	27.00
100	QPSK	1	271	26.06	26.48	25.98	27.00
100	QPSK	135	0	25.39	25.74	25.29	26.00
100	QPSK	135	69	26.24	26.66	26.24	27.00
100	QPSK	135	138	25.43	25.76	25.31	26.00
100	QPSK	270	0	25.41	25.79	25.28	26.00
100	16QAM	1	1	25.67	26.00	25.59	26.00
100	64QAM	1	1	23.82	24.12	23.77	24.50
100	256QAM	1	1	22.08	22.39	22.03	22.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	26.42	26.74	26.39	27.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	26.50	26.82	26.38	27.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	26.53	26.83	26.47	27.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	26.54	26.73	26.41	27.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	26.50	26.82	26.42	27.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	26.42	26.87	26.38	27.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	26.45	26.82	26.45	27.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	26.48	26.76	26.36	27.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	26.50	26.81	26.37	27.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	26.49	26.76	26.37	27.00

【FR1 n41_ FCC_HPUE_Ant 5_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	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	26.56	26.88	26.50	27.00
100	PI/2 BPSK	1	137	26.52	26.68	25.84	27.00
100	PI/2 BPSK	1	271	26.42	25.91	25.50	27.00
100	PI/2 BPSK	135	0	25.89	26.26	25.85	26.50
100	PI/2 BPSK	135	69	26.20	26.67	26.19	27.00
100	PI/2 BPSK	135	138	25.82	26.26	25.76	26.50
100	PI/2 BPSK	270	0	25.91	26.28	25.85	26.50
100	QPSK	1	1	26.49	26.85	26.35	27.00
100	QPSK	1	137	26.26	26.70	26.19	27.00
100	QPSK	1	271	26.06	26.48	25.98	27.00
100	QPSK	135	0	25.39	25.74	25.29	26.00
100	QPSK	135	69	26.24	26.66	26.24	27.00
100	QPSK	135	138	25.43	25.76	25.31	26.00
100	QPSK	270	0	25.41	25.79	25.28	26.00
100	16QAM	1	1	25.67	26.00	25.59	26.00
100	64QAM	1	1	23.82	24.12	23.77	24.50
100	256QAM	1	1	22.08	22.39	22.03	22.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	26.42	26.74	26.39	27.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	26.50	26.82	26.38	27.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	26.53	26.83	26.47	27.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	26.54	26.73	26.41	27.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	26.50	26.82	26.42	27.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	26.42	26.87	26.38	27.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	26.45	26.82	26.45	27.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	26.48	26.76	26.36	27.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	26.50	26.81	26.37	27.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	26.49	26.76	26.37	27.00

【FR1 n41_ FCC_HPUE_Ant 5_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	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	26.56	26.88	26.50	27.00
100	PI/2 BPSK	1	137	26.52	26.68	25.84	27.00
100	PI/2 BPSK	1	271	26.42	25.91	25.50	27.00
100	PI/2 BPSK	135	0	25.89	26.26	25.85	26.50
100	PI/2 BPSK	135	69	26.20	26.67	26.19	27.00
100	PI/2 BPSK	135	138	25.82	26.26	25.76	26.50
100	PI/2 BPSK	270	0	25.91	26.28	25.85	26.50
100	QPSK	1	1	26.49	26.85	26.35	27.00
100	QPSK	1	137	26.26	26.70	26.19	27.00
100	QPSK	1	271	26.06	26.48	25.98	27.00
100	QPSK	135	0	25.39	25.74	25.29	26.00
100	QPSK	135	69	26.24	26.66	26.24	27.00
100	QPSK	135	138	25.43	25.76	25.31	26.00
100	QPSK	270	0	25.41	25.79	25.28	26.00
100	16QAM	1	1	25.67	26.00	25.59	26.00
100	64QAM	1	1	23.82	24.12	23.77	24.50
100	256QAM	1	1	22.08	22.39	22.03	22.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	26.42	26.74	26.39	27.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	26.50	26.82	26.38	27.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	26.53	26.83	26.47	27.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	26.54	26.73	26.41	27.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	26.50	26.82	26.42	27.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	26.42	26.87	26.38	27.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	26.45	26.82	26.45	27.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	26.48	26.76	26.36	27.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	26.50	26.81	26.37	27.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	26.49	26.76	26.37	27.00

【FR1 n41_ FCC_HPUE_Ant 5_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	26.56	26.88	26.50	27.00
100	PI/2 BPSK	1	137	26.52	26.68	25.84	27.00
100	PI/2 BPSK	1	271	26.42	25.91	25.50	27.00
100	PI/2 BPSK	135	0	25.89	26.26	25.85	26.50
100	PI/2 BPSK	135	69	26.20	26.67	26.19	27.00
100	PI/2 BPSK	135	138	25.82	26.26	25.76	26.50
100	PI/2 BPSK	270	0	25.91	26.28	25.85	26.50
100	QPSK	1	1	26.49	26.85	26.35	27.00
100	QPSK	1	137	26.26	26.70	26.19	27.00
100	QPSK	1	271	26.06	26.48	25.98	27.00
100	QPSK	135	0	25.39	25.74	25.29	26.00
100	QPSK	135	69	26.24	26.66	26.24	27.00
100	QPSK	135	138	25.43	25.76	25.31	26.00
100	QPSK	270	0	25.41	25.79	25.28	26.00
100	16QAM	1	1	25.67	26.00	25.59	26.00
100	64QAM	1	1	23.82	24.12	23.77	24.50
100	256QAM	1	1	22.08	22.39	22.03	22.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	26.42	26.74	26.39	27.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	26.50	26.82	26.38	27.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	26.53	26.83	26.47	27.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	26.54	26.73	26.41	27.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	26.50	26.82	26.42	27.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	26.42	26.87	26.38	27.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	26.45	26.82	26.45	27.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	26.48	26.76	26.36	27.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	26.50	26.81	26.37	27.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	26.49	26.76	26.37	27.00

【FR1 n41_ FCC_HPUE_Ant 5_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	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	26.56	26.88	26.50	27.00
100	PI/2 BPSK	1	137	26.52	26.68	25.84	27.00
100	PI/2 BPSK	1	271	26.42	25.91	25.50	27.00
100	PI/2 BPSK	135	0	25.89	26.26	25.85	26.50
100	PI/2 BPSK	135	69	26.20	26.67	26.19	27.00
100	PI/2 BPSK	135	138	25.82	26.26	25.76	26.50
100	PI/2 BPSK	270	0	25.91	26.28	25.85	26.50
100	QPSK	1	1	26.49	26.85	26.35	27.00
100	QPSK	1	137	26.26	26.70	26.19	27.00
100	QPSK	1	271	26.06	26.48	25.98	27.00
100	QPSK	135	0	25.39	25.74	25.29	26.00
100	QPSK	135	69	26.24	26.66	26.24	27.00
100	QPSK	135	138	25.43	25.76	25.31	26.00
100	QPSK	270	0	25.41	25.79	25.28	26.00
100	16QAM	1	1	25.67	26.00	25.59	26.00
100	64QAM	1	1	23.82	24.12	23.77	24.50
100	256QAM	1	1	22.08	22.39	22.03	22.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	26.42	26.74	26.39	27.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	26.50	26.82	26.38	27.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	26.53	26.83	26.47	27.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	26.54	26.73	26.41	27.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	26.50	26.82	26.42	27.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	26.42	26.87	26.38	27.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	26.45	26.82	26.45	27.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	26.48	26.76	26.36	27.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	26.50	26.81	26.37	27.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	26.49	26.76	26.37	27.00

【FR1 n41_ FCC_Ant 8_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	24.67	24.99	24.73	25.00
100	PI/2 BPSK	1	137	24.52	24.88	24.53	25.00
100	PI/2 BPSK	1	271	24.58	24.97	24.69	25.00
100	PI/2 BPSK	135	0	23.97	24.41	24.14	24.50
100	PI/2 BPSK	135	69	24.50	24.85	24.45	25.00
100	PI/2 BPSK	135	138	24.06	24.40	24.12	24.50
100	PI/2 BPSK	270	0	24.13	24.46	24.15	24.50
100	QPSK	1	1	24.50	24.95	24.65	25.00
100	QPSK	1	137	24.47	24.92	24.54	25.00
100	QPSK	1	271	24.60	24.97	24.57	25.00
100	QPSK	135	0	23.55	23.89	23.60	24.00
100	QPSK	135	69	24.40	24.85	24.49	25.00
100	QPSK	135	138	23.43	23.88	23.49	24.00
100	QPSK	270	0	23.53	23.96	23.64	24.00
100	16QAM	1	1	23.61	23.97	23.64	24.00
100	64QAM	1	1	22.02	22.41	22.09	22.50
100	256QAM	1	1	20.06	20.39	20.11	20.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	24.55	24.93	24.60	25.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	24.57	24.97	24.60	25.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	24.65	24.98	24.68	25.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	24.60	24.87	24.70	25.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	24.60	24.89	24.59	25.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	24.65	24.87	24.69	25.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	24.54	24.93	24.58	25.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	24.52	24.90	24.72	25.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	24.55	24.96	24.63	25.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	24.53	24.89	24.65	25.00

【FR1 n41_ FCC_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				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	24.67	24.99	24.73	25.00
100	PI/2 BPSK	1	137	24.52	24.88	24.53	25.00
100	PI/2 BPSK	1	271	24.58	24.97	24.69	25.00
100	PI/2 BPSK	135	0	23.97	24.41	24.14	24.50
100	PI/2 BPSK	135	69	24.50	24.85	24.45	25.00
100	PI/2 BPSK	135	138	24.06	24.40	24.12	24.50
100	PI/2 BPSK	270	0	24.13	24.46	24.15	24.50
100	QPSK	1	1	24.50	24.95	24.65	25.00
100	QPSK	1	137	24.47	24.92	24.54	25.00
100	QPSK	1	271	24.60	24.97	24.57	25.00
100	QPSK	135	0	23.55	23.89	23.60	24.00
100	QPSK	135	69	24.40	24.85	24.49	25.00
100	QPSK	135	138	23.43	23.88	23.49	24.00
100	QPSK	270	0	23.53	23.96	23.64	24.00
100	16QAM	1	1	23.61	23.97	23.64	24.00
100	64QAM	1	1	22.02	22.41	22.09	22.50
100	256QAM	1	1	20.06	20.39	20.11	20.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	24.55	24.93	24.60	25.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	24.57	24.97	24.60	25.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	24.65	24.98	24.68	25.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	24.60	24.87	24.70	25.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	24.60	24.89	24.59	25.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	24.65	24.87	24.69	25.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	24.54	24.93	24.58	25.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	24.52	24.90	24.72	25.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	24.55	24.96	24.63	25.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	24.53	24.89	24.65	25.00

【FR1 n41_ FCC_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				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.24	23.50	23.26	23.90
100	PI/2 BPSK	1	137	22.94	23.28	22.99	23.90
100	PI/2 BPSK	1	271	22.94	23.35	22.97	23.90
100	PI/2 BPSK	135	0	22.96	23.24	22.89	23.90
100	PI/2 BPSK	135	69	23.00	23.31	23.02	23.90
100	PI/2 BPSK	135	138	22.93	23.26	23.01	23.90
100	PI/2 BPSK	270	0	22.95	23.30	22.97	23.90
100	QPSK	1	1	23.09	23.43	23.04	23.90
100	QPSK	1	137	22.98	23.26	22.92	23.90
100	QPSK	1	271	22.92	23.32	23.06	23.90
100	QPSK	135	0	22.95	23.30	22.98	23.90
100	QPSK	135	69	22.90	23.20	22.89	23.90
100	QPSK	135	138	22.88	23.23	22.87	23.90
100	QPSK	270	0	22.95	23.35	23.02	23.90
100	16QAM	1	1	22.90	23.29	22.92	23.90
100	64QAM	1	1	21.91	22.29	22.00	22.50
100	256QAM	1	1	19.71	20.06	19.75	20.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.12	23.36	23.15	23.90
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.16	23.35	23.23	23.90
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	23.20	23.43	23.21	23.90
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.19	23.41	23.15	23.90
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.14	23.36	23.13	23.90
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.18	23.40	23.16	23.90
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.20	23.46	23.23	23.90
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.16	23.48	23.24	23.90
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.11	23.43	23.18	23.90
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.16	23.47	23.20	23.90

【FR1 n41_ FCC_Ant 8_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.77	23.92	23.77	24.10
100	PI/2 BPSK	1	137	23.62	23.78	23.55	24.10
100	PI/2 BPSK	1	271	23.58	23.87	23.70	24.10
100	PI/2 BPSK	135	0	23.53	23.78	23.60	24.10
100	PI/2 BPSK	135	69	23.63	23.84	23.63	24.10
100	PI/2 BPSK	135	138	23.54	23.81	23.58	24.10
100	PI/2 BPSK	270	0	23.52	23.79	23.60	24.10
100	QPSK	1	1	23.72	23.91	23.65	24.10
100	QPSK	1	137	23.70	23.86	23.57	24.10
100	QPSK	1	271	23.63	23.88	23.68	24.10
100	QPSK	135	0	23.65	23.84	23.56	24.00
100	QPSK	135	69	23.58	23.79	23.51	24.10
100	QPSK	135	138	23.62	23.80	23.55	24.00
100	QPSK	270	0	23.71	23.88	23.64	24.00
100	16QAM	1	1	23.62	23.84	23.58	24.00
100	64QAM	1	1	22.04	22.32	22.04	22.50
100	256QAM	1	1	20.00	20.27	20.02	20.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.67	23.78	23.69	24.10
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.67	23.77	23.69	24.10
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	23.71	23.85	23.67	24.10
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.63	23.81	23.67	24.10
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.75	23.90	23.76	24.10
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.68	23.78	23.67	24.10
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.70	23.90	23.66	24.10
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.74	23.85	23.70	24.10
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.69	23.82	23.64	24.10
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.69	23.88	23.73	24.10

【FR1 n41_ FCC_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				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.77	23.92	23.77	24.10
100	PI/2 BPSK	1	137	23.62	23.78	23.55	24.10
100	PI/2 BPSK	1	271	23.58	23.87	23.70	24.10
100	PI/2 BPSK	135	0	23.53	23.78	23.60	24.10
100	PI/2 BPSK	135	69	23.63	23.84	23.63	24.10
100	PI/2 BPSK	135	138	23.54	23.81	23.58	24.10
100	PI/2 BPSK	270	0	23.52	23.79	23.60	24.10
100	QPSK	1	1	23.72	23.91	23.65	24.10
100	QPSK	1	137	23.70	23.86	23.57	24.10
100	QPSK	1	271	23.63	23.88	23.68	24.10
100	QPSK	135	0	23.65	23.84	23.56	24.00
100	QPSK	135	69	23.58	23.79	23.51	24.10
100	QPSK	135	138	23.62	23.80	23.55	24.00
100	QPSK	270	0	23.71	23.88	23.64	24.00
100	16QAM	1	1	23.62	23.84	23.58	24.00
100	64QAM	1	1	22.04	22.32	22.04	22.50
100	256QAM	1	1	20.00	20.27	20.02	20.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.67	23.78	23.69	24.10
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.67	23.77	23.69	24.10
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	23.71	23.85	23.67	24.10
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.63	23.81	23.67	24.10
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.75	23.90	23.76	24.10
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.68	23.78	23.67	24.10
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.70	23.90	23.66	24.10
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.74	23.85	23.70	24.10
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.69	23.82	23.64	24.10
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.69	23.88	23.73	24.10

【FR1 n41_ FCC_HPUE_Ant 8_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	26.40	26.99	26.74	27.00
100	PI/2 BPSK	1	137	26.17	26.84	26.50	27.00
100	PI/2 BPSK	1	271	26.20	26.94	26.58	27.00
100	PI/2 BPSK	135	0	25.65	26.34	26.04	26.50
100	PI/2 BPSK	135	69	26.19	26.81	26.52	27.00
100	PI/2 BPSK	135	138	25.70	26.33	26.03	26.50
100	PI/2 BPSK	270	0	25.73	26.41	26.05	26.50
100	QPSK	1	1	26.22	26.92	26.65	27.00
100	QPSK	1	137	26.13	26.81	26.50	27.00
100	QPSK	1	271	26.25	26.93	26.61	27.00
100	QPSK	135	0	25.24	25.86	25.59	26.00
100	QPSK	135	69	26.16	26.80	26.43	27.00
100	QPSK	135	138	25.21	25.86	25.53	26.00
100	QPSK	270	0	25.22	25.90	25.52	26.00
100	16QAM	1	1	25.37	25.97	25.65	26.00
100	64QAM	1	1	23.79	24.35	24.03	24.50
100	256QAM	1	1	21.76	22.34	22.12	22.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	26.29	26.92	26.61	27.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	26.31	26.92	26.67	27.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	26.26	26.89	26.63	27.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	26.29	26.97	26.62	27.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	26.38	26.94	26.64	27.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	26.36	26.95	26.70	27.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	26.34	26.97	26.65	27.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	26.29	26.98	26.64	27.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	26.25	26.90	26.60	27.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	26.29	26.87	26.68	27.00

【FR1 n41_ FCC_HPUE_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				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	26.40	26.99	26.74	27.00
100	PI/2 BPSK	1	137	26.17	26.84	26.50	27.00
100	PI/2 BPSK	1	271	26.20	26.94	26.58	27.00
100	PI/2 BPSK	135	0	25.65	26.34	26.04	26.50
100	PI/2 BPSK	135	69	26.19	26.81	26.52	27.00
100	PI/2 BPSK	135	138	25.70	26.33	26.03	26.50
100	PI/2 BPSK	270	0	25.73	26.41	26.05	26.50
100	QPSK	1	1	26.22	26.92	26.65	27.00
100	QPSK	1	137	26.13	26.81	26.50	27.00
100	QPSK	1	271	26.25	26.93	26.61	27.00
100	QPSK	135	0	25.24	25.86	25.59	26.00
100	QPSK	135	69	26.16	26.80	26.43	27.00
100	QPSK	135	138	25.21	25.86	25.53	26.00
100	QPSK	270	0	25.22	25.90	25.52	26.00
100	16QAM	1	1	25.37	25.97	25.65	26.00
100	64QAM	1	1	23.79	24.35	24.03	24.50
100	256QAM	1	1	21.76	22.34	22.12	22.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	26.29	26.92	26.61	27.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	26.31	26.92	26.67	27.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	26.26	26.89	26.63	27.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	26.29	26.97	26.62	27.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	26.38	26.94	26.64	27.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	26.36	26.95	26.70	27.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	26.34	26.97	26.65	27.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	26.29	26.98	26.64	27.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	26.25	26.90	26.60	27.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	26.29	26.87	26.68	27.00

【FR1 n41_ FCC_HPUE_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				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	26.29	26.44	26.22	26.90
100	PI/2 BPSK	1	137	26.05	26.31	25.94	26.90
100	PI/2 BPSK	1	271	26.20	26.40	26.06	26.90
100	PI/2 BPSK	135	0	26.03	26.22	25.88	26.80
100	PI/2 BPSK	135	69	26.14	26.30	25.94	26.90
100	PI/2 BPSK	135	138	25.97	26.24	25.96	26.80
100	PI/2 BPSK	270	0	26.07	26.34	26.06	26.80
100	QPSK	1	1	26.17	26.42	26.10	26.90
100	QPSK	1	137	25.98	26.26	26.01	26.90
100	QPSK	1	271	26.20	26.36	25.99	26.90
100	QPSK	135	0	25.61	25.80	25.53	26.00
100	QPSK	135	69	25.99	26.20	25.93	26.90
100	QPSK	135	138	25.56	25.74	25.44	26.00
100	QPSK	270	0	25.61	25.81	25.58	26.00
100	16QAM	1	1	25.64	25.91	25.63	26.00
100	64QAM	1	1	23.77	24.00	23.75	24.50
100	256QAM	1	1	21.73	21.98	21.65	22.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	26.23	26.35	26.13	26.90
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	26.24	26.37	26.09	26.90
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	26.27	26.34	26.10	26.90
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	26.25	26.41	26.20	26.90
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	26.17	26.32	26.08	26.90
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	26.17	26.34	26.19	26.90
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	26.27	26.31	26.21	26.90
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	26.20	26.32	26.09	26.90
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	26.15	26.40	26.08	26.90
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	26.17	26.35	26.08	26.90

【FR1 n41_ FCC_HPUE_Ant 8_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	26.40	26.99	26.74	27.00
100	PI/2 BPSK	1	137	26.17	26.84	26.50	27.00
100	PI/2 BPSK	1	271	26.20	26.94	26.58	27.00
100	PI/2 BPSK	135	0	25.65	26.34	26.04	26.50
100	PI/2 BPSK	135	69	26.19	26.81	26.52	27.00
100	PI/2 BPSK	135	138	25.70	26.33	26.03	26.50
100	PI/2 BPSK	270	0	25.73	26.41	26.05	26.50
100	QPSK	1	1	26.22	26.92	26.65	27.00
100	QPSK	1	137	26.13	26.81	26.50	27.00
100	QPSK	1	271	26.25	26.93	26.61	27.00
100	QPSK	135	0	25.24	25.86	25.59	26.00
100	QPSK	135	69	26.16	26.80	26.43	27.00
100	QPSK	135	138	25.21	25.86	25.53	26.00
100	QPSK	270	0	25.22	25.90	25.52	26.00
100	16QAM	1	1	25.37	25.97	25.65	26.00
100	64QAM	1	1	23.79	24.35	24.03	24.50
100	256QAM	1	1	21.76	22.34	22.12	22.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	26.29	26.92	26.61	27.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	26.31	26.92	26.67	27.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	26.26	26.89	26.63	27.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	26.29	26.97	26.62	27.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	26.38	26.94	26.64	27.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	26.36	26.95	26.70	27.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	26.34	26.97	26.65	27.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	26.29	26.98	26.64	27.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	26.25	26.90	26.60	27.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	26.29	26.87	26.68	27.00

【FR1 n41_ FCC_HPUE_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				509202	518598	528000	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	26.40	26.99	26.74	27.00
100	PI/2 BPSK	1	137	26.17	26.84	26.50	27.00
100	PI/2 BPSK	1	271	26.20	26.94	26.58	27.00
100	PI/2 BPSK	135	0	25.65	26.34	26.04	26.50
100	PI/2 BPSK	135	69	26.19	26.81	26.52	27.00
100	PI/2 BPSK	135	138	25.70	26.33	26.03	26.50
100	PI/2 BPSK	270	0	25.73	26.41	26.05	26.50
100	QPSK	1	1	26.22	26.92	26.65	27.00
100	QPSK	1	137	26.13	26.81	26.50	27.00
100	QPSK	1	271	26.25	26.93	26.61	27.00
100	QPSK	135	0	25.24	25.86	25.59	26.00
100	QPSK	135	69	26.16	26.80	26.43	27.00
100	QPSK	135	138	25.21	25.86	25.53	26.00
100	QPSK	270	0	25.22	25.90	25.52	26.00
100	16QAM	1	1	25.37	25.97	25.65	26.00
100	64QAM	1	1	23.79	24.35	24.03	24.50
100	256QAM	1	1	21.76	22.34	22.12	22.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	26.29	26.92	26.61	27.00
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	26.31	26.92	26.67	27.00
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	26.26	26.89	26.63	27.00
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	26.29	26.97	26.62	27.00
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	26.38	26.94	26.64	27.00
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	26.36	26.95	26.70	27.00
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	26.34	26.97	26.65	27.00
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	26.29	26.98	26.64	27.00
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	26.25	26.90	26.60	27.00
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	26.29	26.87	26.68	27.00

【FR1 n48 FCC_Part 96 (3550~3700MHz)_Ant 8_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	21.81	22.62	22.77	23.00
40	PI/2 BPSK	1	53	21.57	22.40	22.56	23.00
40	PI/2 BPSK	1	104	21.72	22.51	22.70	23.00
40	PI/2 BPSK	50	0	21.65	22.36	22.63	23.00
40	PI/2 BPSK	50	28	21.69	22.48	22.69	23.00
40	PI/2 BPSK	50	56	21.65	22.34	22.64	23.00
40	PI/2 BPSK	100	0	21.70	22.43	22.70	23.00
40	QPSK	1	1	21.42	22.15	22.42	23.00
40	QPSK	1	53	21.65	22.41	22.64	23.00
40	QPSK	1	104	21.61	22.40	22.61	23.00
40	QPSK	50	0	21.67	22.37	22.62	23.00
40	QPSK	50	28	21.69	22.43	22.68	23.00
40	QPSK	50	56	21.68	22.39	22.64	23.00
40	QPSK	100	0	21.68	22.49	22.67	23.00
40	16QAM	1	1	21.49	22.20	22.47	23.00
40	64QAM	1	1	20.28	21.06	21.27	21.50
40	256QAM	1	1	18.56	19.21	19.40	19.50
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	21.78	22.53	22.74	23.00
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	21.75	22.55	22.72	23.00
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	21.74	22.49	22.70	23.00

【FR1 n48 FCC_Part 96 (3550~3700MHz)_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				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	21.81	22.62	22.77	23.00
40	PI/2 BPSK	1	53	21.57	22.40	22.56	23.00
40	PI/2 BPSK	1	104	21.72	22.51	22.70	23.00
40	PI/2 BPSK	50	0	21.65	22.36	22.63	23.00
40	PI/2 BPSK	50	28	21.69	22.48	22.69	23.00
40	PI/2 BPSK	50	56	21.65	22.34	22.64	23.00
40	PI/2 BPSK	100	0	21.70	22.43	22.70	23.00
40	QPSK	1	1	21.42	22.15	22.42	23.00
40	QPSK	1	53	21.65	22.41	22.64	23.00
40	QPSK	1	104	21.61	22.40	22.61	23.00
40	QPSK	50	0	21.67	22.37	22.62	23.00
40	QPSK	50	28	21.69	22.43	22.68	23.00
40	QPSK	50	56	21.68	22.39	22.64	23.00
40	QPSK	100	0	21.68	22.49	22.67	23.00
40	16QAM	1	1	21.49	22.20	22.47	23.00
40	64QAM	1	1	20.28	21.06	21.27	21.50
40	256QAM	1	1	18.56	19.21	19.40	19.50
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	21.78	22.53	22.74	23.00
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	21.75	22.55	22.72	23.00
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	21.74	22.49	22.70	23.00

【FR1 n48_FCC_Part 96 (3550~3700MHz)_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				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	21.81	22.62	22.77	23.00
40	PI/2 BPSK	1	53	21.57	22.40	22.56	23.00
40	PI/2 BPSK	1	104	21.72	22.51	22.70	23.00
40	PI/2 BPSK	50	0	21.65	22.36	22.63	23.00
40	PI/2 BPSK	50	28	21.69	22.48	22.69	23.00
40	PI/2 BPSK	50	56	21.65	22.34	22.64	23.00
40	PI/2 BPSK	100	0	21.70	22.43	22.70	23.00
40	QPSK	1	1	21.42	22.15	22.42	23.00
40	QPSK	1	53	21.65	22.41	22.64	23.00
40	QPSK	1	104	21.61	22.40	22.61	23.00
40	QPSK	50	0	21.67	22.37	22.62	23.00
40	QPSK	50	28	21.69	22.43	22.68	23.00
40	QPSK	50	56	21.68	22.39	22.64	23.00
40	QPSK	100	0	21.68	22.49	22.67	23.00
40	16QAM	1	1	21.49	22.20	22.47	23.00
40	64QAM	1	1	20.28	21.06	21.27	21.50
40	256QAM	1	1	18.56	19.21	19.40	19.50
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	21.78	22.53	22.74	23.00
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	21.75	22.55	22.72	23.00
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	21.74	22.49	22.70	23.00

【FR1 n48_FCC_Part 96 (3550~3700MHz)_Ant 8_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	21.81	22.62	22.77	23.00
40	PI/2 BPSK	1	53	21.57	22.40	22.56	23.00
40	PI/2 BPSK	1	104	21.72	22.51	22.70	23.00
40	PI/2 BPSK	50	0	21.65	22.36	22.63	23.00
40	PI/2 BPSK	50	28	21.69	22.48	22.69	23.00
40	PI/2 BPSK	50	56	21.65	22.34	22.64	23.00
40	PI/2 BPSK	100	0	21.70	22.43	22.70	23.00
40	QPSK	1	1	21.42	22.15	22.42	23.00
40	QPSK	1	53	21.65	22.41	22.64	23.00
40	QPSK	1	104	21.61	22.40	22.61	23.00
40	QPSK	50	0	21.67	22.37	22.62	23.00
40	QPSK	50	28	21.69	22.43	22.68	23.00
40	QPSK	50	56	21.68	22.39	22.64	23.00
40	QPSK	100	0	21.68	22.49	22.67	23.00
40	16QAM	1	1	21.49	22.20	22.47	23.00
40	64QAM	1	1	20.28	21.06	21.27	21.50
40	256QAM	1	1	18.56	19.21	19.40	19.50
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	21.78	22.53	22.74	23.00
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	21.75	22.55	22.72	23.00
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	21.74	22.49	22.70	23.00

【FR1 n48 FCC_Part 96 (3550~3700MHz)_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				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	21.81	22.62	22.77	23.00
40	PI/2 BPSK	1	53	21.57	22.40	22.56	23.00
40	PI/2 BPSK	1	104	21.72	22.51	22.70	23.00
40	PI/2 BPSK	50	0	21.65	22.36	22.63	23.00
40	PI/2 BPSK	50	28	21.69	22.48	22.69	23.00
40	PI/2 BPSK	50	56	21.65	22.34	22.64	23.00
40	PI/2 BPSK	100	0	21.70	22.43	22.70	23.00
40	QPSK	1	1	21.42	22.15	22.42	23.00
40	QPSK	1	53	21.65	22.41	22.64	23.00
40	QPSK	1	104	21.61	22.40	22.61	23.00
40	QPSK	50	0	21.67	22.37	22.62	23.00
40	QPSK	50	28	21.69	22.43	22.68	23.00
40	QPSK	50	56	21.68	22.39	22.64	23.00
40	QPSK	100	0	21.68	22.49	22.67	23.00
40	16QAM	1	1	21.49	22.20	22.47	23.00
40	64QAM	1	1	20.28	21.06	21.27	21.50
40	256QAM	1	1	18.56	19.21	19.40	19.50
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	21.78	22.53	22.74	23.00
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	21.75	22.55	22.72	23.00
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	21.74	22.49	22.70	23.00

【FR1 n48 FCC_Part 96 (3550~3700MHz)_Ant 9_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	22.30	22.50	22.47	23.00
40	PI/2 BPSK	1	53	22.03	22.36	22.26	23.00
40	PI/2 BPSK	1	104	22.29	22.45	22.32	23.00
40	PI/2 BPSK	50	0	21.55	21.84	21.71	22.50
40	PI/2 BPSK	50	28	22.20	22.44	22.38	23.00
40	PI/2 BPSK	50	56	21.56	21.85	21.76	22.50
40	PI/2 BPSK	100	0	21.61	21.84	21.71	22.50
40	QPSK	1	1	22.08	22.30	22.25	23.00
40	QPSK	1	53	22.22	22.48	22.41	23.00
40	QPSK	1	104	22.15	22.46	22.44	23.00
40	QPSK	50	0	21.19	21.36	21.26	22.00
40	QPSK	50	28	22.24	22.45	22.38	23.00
40	QPSK	50	56	21.16	21.34	21.22	22.00
40	QPSK	100	0	21.05	21.33	21.23	22.00
40	16QAM	1	1	21.04	21.30	21.30	22.00
40	64QAM	1	1	19.25	19.42	19.42	20.50
40	256QAM	1	1	17.52	17.80	17.68	18.50
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	22.19	22.40	22.37	23.00
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	22.26	22.37	22.46	23.00
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	22.24	22.38	22.43	23.00

【FR1 n48 FCC_Part 96 (3550~3700MHz)_Ant 9_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				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	22.30	22.50	22.47	23.00
40	PI/2 BPSK	1	53	22.03	22.36	22.26	23.00
40	PI/2 BPSK	1	104	22.29	22.45	22.32	23.00
40	PI/2 BPSK	50	0	21.55	21.84	21.71	22.50
40	PI/2 BPSK	50	28	22.20	22.44	22.38	23.00
40	PI/2 BPSK	50	56	21.56	21.85	21.76	22.50
40	PI/2 BPSK	100	0	21.61	21.84	21.71	22.50
40	QPSK	1	1	22.08	22.30	22.25	23.00
40	QPSK	1	53	22.22	22.48	22.41	23.00
40	QPSK	1	104	22.15	22.46	22.44	23.00
40	QPSK	50	0	21.19	21.36	21.26	22.00
40	QPSK	50	28	22.24	22.45	22.38	23.00
40	QPSK	50	56	21.16	21.34	21.22	22.00
40	QPSK	100	0	21.05	21.33	21.23	22.00
40	16QAM	1	1	21.04	21.30	21.30	22.00
40	64QAM	1	1	19.25	19.42	19.42	20.50
40	256QAM	1	1	17.52	17.80	17.68	18.50
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	22.19	22.40	22.37	23.00
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	22.26	22.37	22.46	23.00
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	22.24	22.38	22.43	23.00

【FR1 n48 FCC_Part 96 (3550~3700MHz)_Ant 9_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				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	22.30	22.50	22.47	23.00
40	PI/2 BPSK	1	53	22.03	22.36	22.26	23.00
40	PI/2 BPSK	1	104	22.29	22.45	22.32	23.00
40	PI/2 BPSK	50	0	21.55	21.84	21.71	22.50
40	PI/2 BPSK	50	28	22.20	22.44	22.38	23.00
40	PI/2 BPSK	50	56	21.56	21.85	21.76	22.50
40	PI/2 BPSK	100	0	21.61	21.84	21.71	22.50
40	QPSK	1	1	22.08	22.30	22.25	23.00
40	QPSK	1	53	22.22	22.48	22.41	23.00
40	QPSK	1	104	22.15	22.46	22.44	23.00
40	QPSK	50	0	21.19	21.36	21.26	22.00
40	QPSK	50	28	22.24	22.45	22.38	23.00
40	QPSK	50	56	21.16	21.34	21.22	22.00
40	QPSK	100	0	21.05	21.33	21.23	22.00
40	16QAM	1	1	21.04	21.30	21.30	22.00
40	64QAM	1	1	19.25	19.42	19.42	20.50
40	256QAM	1	1	17.52	17.80	17.68	18.50
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	22.19	22.40	22.37	23.00
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	22.26	22.37	22.46	23.00
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	22.24	22.38	22.43	23.00

【FR1 n48_FCC_Part 96 (3550~3700MHz)_Ant 9_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	22.30	22.50	22.47	23.00
40	PI/2 BPSK	1	53	22.03	22.36	22.26	23.00
40	PI/2 BPSK	1	104	22.29	22.45	22.32	23.00
40	PI/2 BPSK	50	0	21.55	21.84	21.71	22.50
40	PI/2 BPSK	50	28	22.20	22.44	22.38	23.00
40	PI/2 BPSK	50	56	21.56	21.85	21.76	22.50
40	PI/2 BPSK	100	0	21.61	21.84	21.71	22.50
40	QPSK	1	1	22.08	22.30	22.25	23.00
40	QPSK	1	53	22.22	22.48	22.41	23.00
40	QPSK	1	104	22.15	22.46	22.44	23.00
40	QPSK	50	0	21.19	21.36	21.26	22.00
40	QPSK	50	28	22.24	22.45	22.38	23.00
40	QPSK	50	56	21.16	21.34	21.22	22.00
40	QPSK	100	0	21.05	21.33	21.23	22.00
40	16QAM	1	1	21.04	21.30	21.30	22.00
40	64QAM	1	1	19.25	19.42	19.42	20.50
40	256QAM	1	1	17.52	17.80	17.68	18.50
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	22.19	22.40	22.37	23.00
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	22.26	22.37	22.46	23.00
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	22.24	22.38	22.43	23.00

【FR1 n48_FCC_Part 96 (3550~3700MHz)_Ant 9_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				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	22.30	22.50	22.47	23.00
40	PI/2 BPSK	1	53	22.03	22.36	22.26	23.00
40	PI/2 BPSK	1	104	22.29	22.45	22.32	23.00
40	PI/2 BPSK	50	0	21.55	21.84	21.71	22.50
40	PI/2 BPSK	50	28	22.20	22.44	22.38	23.00
40	PI/2 BPSK	50	56	21.56	21.85	21.76	22.50
40	PI/2 BPSK	100	0	21.61	21.84	21.71	22.50
40	QPSK	1	1	22.08	22.30	22.25	23.00
40	QPSK	1	53	22.22	22.48	22.41	23.00
40	QPSK	1	104	22.15	22.46	22.44	23.00
40	QPSK	50	0	21.19	21.36	21.26	22.00
40	QPSK	50	28	22.24	22.45	22.38	23.00
40	QPSK	50	56	21.16	21.34	21.22	22.00
40	QPSK	100	0	21.05	21.33	21.23	22.00
40	16QAM	1	1	21.04	21.30	21.30	22.00
40	64QAM	1	1	19.25	19.42	19.42	20.50
40	256QAM	1	1	17.52	17.80	17.68	18.50
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	22.19	22.40	22.37	23.00
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	22.26	22.37	22.46	23.00
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	22.24	22.38	22.43	23.00

【FR1 n53_Ant 8_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				497700	497860	498000	
Frequency (MHz)				2488.5	2489.3	2490	
10	PI/2 BPSK	1	1	22.28	22.49	22.34	24.00
10	PI/2 BPSK	1	12	22.33	22.76	22.75	24.00
10	PI/2 BPSK	1	22	23.41	23.79	23.78	24.00
10	PI/2 BPSK	12	0	21.64	21.93	21.64	23.50
10	PI/2 BPSK	12	6	22.37	22.68	22.41	24.00
10	PI/2 BPSK	12	12	22.47	22.80	22.60	23.50
10	PI/2 BPSK	24	0	22.15	22.50	22.23	23.50
10	QPSK	1	1	22.16	22.46	22.26	24.00
10	QPSK	1	12	22.45	22.72	22.48	24.00
10	QPSK	1	22	23.39	23.75	23.52	24.00
10	QPSK	12	0	21.56	21.82	21.59	23.00
10	QPSK	12	6	22.49	22.78	22.60	24.00
10	QPSK	12	12	22.64	22.93	22.63	23.00
10	QPSK	24	0	21.47	21.81	21.60	23.00
10	16QAM	1	1	21.37	21.68	21.43	23.00
10	64QAM	1	1	20.08	20.37	20.09	21.50
10	256QAM	1	1	18.68	18.87	18.64	19.50

【FR1 n53_Ant 8_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				497700	497860	498000	
Frequency (MHz)				2488.5	2489.3	2490	
10	PI/2 BPSK	1	1	22.28	22.49	22.34	24.00
10	PI/2 BPSK	1	12	22.33	22.76	22.75	24.00
10	PI/2 BPSK	1	22	23.41	23.79	23.78	24.00
10	PI/2 BPSK	12	0	21.64	21.93	21.64	23.50
10	PI/2 BPSK	12	6	22.37	22.68	22.41	24.00
10	PI/2 BPSK	12	12	22.47	22.80	22.60	23.50
10	PI/2 BPSK	24	0	22.15	22.50	22.23	23.50
10	QPSK	1	1	22.16	22.46	22.26	24.00
10	QPSK	1	12	22.45	22.72	22.48	24.00
10	QPSK	1	22	23.39	23.75	23.52	24.00
10	QPSK	12	0	21.56	21.82	21.59	23.00
10	QPSK	12	6	22.49	22.78	22.60	24.00
10	QPSK	12	12	22.64	22.93	22.63	23.00
10	QPSK	24	0	21.47	21.81	21.60	23.00
10	16QAM	1	1	21.37	21.68	21.43	23.00
10	64QAM	1	1	20.08	20.37	20.09	21.50
10	256QAM	1	1	18.68	18.87	18.64	19.50

【FR1 n53_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				497700	497860	498000	
Frequency (MHz)				2488.5	2489.3	2490	
10	PI/2 BPSK	1	1	22.28	22.49	22.34	24.00
10	PI/2 BPSK	1	12	22.33	22.76	22.75	24.00
10	PI/2 BPSK	1	22	23.41	23.79	23.78	24.00
10	PI/2 BPSK	12	0	21.64	21.93	21.64	23.50
10	PI/2 BPSK	12	6	22.37	22.68	22.41	24.00
10	PI/2 BPSK	12	12	22.47	22.80	22.60	23.50
10	PI/2 BPSK	24	0	22.15	22.50	22.23	23.50
10	QPSK	1	1	22.16	22.46	22.26	24.00
10	QPSK	1	12	22.45	22.72	22.48	24.00
10	QPSK	1	22	23.39	23.75	23.52	24.00
10	QPSK	12	0	21.56	21.82	21.59	23.00
10	QPSK	12	6	22.49	22.78	22.60	24.00
10	QPSK	12	12	22.64	22.93	22.63	23.00
10	QPSK	24	0	21.47	21.81	21.60	23.00
10	16QAM	1	1	21.37	21.68	21.43	23.00
10	64QAM	1	1	20.08	20.37	20.09	21.50
10	256QAM	1	1	18.68	18.87	18.64	19.50

【FR1 n53_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				497700	497860	498000	
Frequency (MHz)				2488.5	2489.3	2490	
10	PI/2 BPSK	1	1	22.28	22.49	22.34	24.00
10	PI/2 BPSK	1	12	22.33	22.76	22.75	24.00
10	PI/2 BPSK	1	22	23.41	23.79	23.78	24.00
10	PI/2 BPSK	12	0	21.64	21.93	21.64	23.50
10	PI/2 BPSK	12	6	22.37	22.68	22.41	24.00
10	PI/2 BPSK	12	12	22.47	22.80	22.60	23.50
10	PI/2 BPSK	24	0	22.15	22.50	22.23	23.50
10	QPSK	1	1	22.16	22.46	22.26	24.00
10	QPSK	1	12	22.45	22.72	22.48	24.00
10	QPSK	1	22	23.39	23.75	23.52	24.00
10	QPSK	12	0	21.56	21.82	21.59	23.00
10	QPSK	12	6	22.49	22.78	22.60	24.00
10	QPSK	12	12	22.64	22.93	22.63	23.00
10	QPSK	24	0	21.47	21.81	21.60	23.00
10	16QAM	1	1	21.37	21.68	21.43	23.00
10	64QAM	1	1	20.08	20.37	20.09	21.50
10	256QAM	1	1	18.68	18.87	18.64	19.50

【FR1 n53_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				497700	497860	498000	
Frequency (MHz)				2488.5	2489.3	2490	
10	PI/2 BPSK	1	1	22.28	22.49	22.34	24.00
10	PI/2 BPSK	1	12	22.33	22.76	22.75	24.00
10	PI/2 BPSK	1	22	23.41	23.79	23.78	24.00
10	PI/2 BPSK	12	0	21.64	21.93	21.64	23.50
10	PI/2 BPSK	12	6	22.37	22.68	22.41	24.00
10	PI/2 BPSK	12	12	22.47	22.80	22.60	23.50
10	PI/2 BPSK	24	0	22.15	22.50	22.23	23.50
10	QPSK	1	1	22.16	22.46	22.26	24.00
10	QPSK	1	12	22.45	22.72	22.48	24.00
10	QPSK	1	22	23.39	23.75	23.52	24.00
10	QPSK	12	0	21.56	21.82	21.59	23.00
10	QPSK	12	6	22.49	22.78	22.60	24.00
10	QPSK	12	12	22.64	22.93	22.63	23.00
10	QPSK	24	0	21.47	21.81	21.60	23.00
10	16QAM	1	1	21.37	21.68	21.43	23.00
10	64QAM	1	1	20.08	20.37	20.09	21.50
10	256QAM	1	1	18.68	18.87	18.64	19.50

【FR1 n66_Ant 1_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346000	349000	352000	
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	24.95	25.00	24.98	25.00
40	PI/2 BPSK	1	108	24.94	24.91	24.93	25.00
40	PI/2 BPSK	1	214	24.90	24.96	24.90	25.00
40	PI/2 BPSK	108	0	24.30	24.49	24.44	24.50
40	PI/2 BPSK	108	54	24.77	24.95	24.79	25.00
40	PI/2 BPSK	108	108	24.32	24.48	24.36	24.50
40	PI/2 BPSK	216	0	23.81	24.00	23.92	24.50
40	QPSK	1	1	24.54	24.65	24.48	25.00
40	QPSK	1	108	24.74	24.83	24.78	25.00
40	QPSK	1	214	24.88	24.97	24.92	25.00
40	QPSK	108	0	23.88	24.00	23.84	24.00
40	QPSK	108	54	24.86	24.96	24.83	25.00
40	QPSK	108	108	23.86	24.00	23.87	24.00
40	QPSK	216	0	23.92	24.00	23.96	24.00
40	16QAM	1	1	23.52	23.67	23.51	24.00
40	64QAM	1	1	21.81	21.88	21.72	22.50
40	256QAM	1	1	20.24	20.39	20.34	20.50
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	24.86	24.96	24.86	25.00
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	24.92	24.94	24.89	25.00
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	24.90	24.89	24.84	25.00
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	24.88	24.92	24.87	25.00
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	24.91	24.90	24.94	25.00
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	24.92	24.90	24.86	25.00

【FR1 n66_Ant 1_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346000	349000	352000	
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	24.95	25.00	24.98	25.00
40	PI/2 BPSK	1	108	24.94	24.91	24.93	25.00
40	PI/2 BPSK	1	214	24.90	24.96	24.90	25.00
40	PI/2 BPSK	108	0	24.30	24.49	24.44	24.50
40	PI/2 BPSK	108	54	24.77	24.95	24.79	25.00
40	PI/2 BPSK	108	108	24.32	24.48	24.36	24.50
40	PI/2 BPSK	216	0	23.81	24.00	23.92	24.50
40	QPSK	1	1	24.54	24.65	24.48	25.00
40	QPSK	1	108	24.74	24.83	24.78	25.00
40	QPSK	1	214	24.88	24.97	24.92	25.00
40	QPSK	108	0	23.88	24.00	23.84	24.00
40	QPSK	108	54	24.86	24.96	24.83	25.00
40	QPSK	108	108	23.86	24.00	23.87	24.00
40	QPSK	216	0	23.92	24.00	23.96	24.00
40	16QAM	1	1	23.52	23.67	23.51	24.00
40	64QAM	1	1	21.81	21.88	21.72	22.50
40	256QAM	1	1	20.24	20.39	20.34	20.50
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	24.86	24.96	24.86	25.00
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	24.92	24.94	24.89	25.00
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	24.90	24.89	24.84	25.00
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	24.88	24.92	24.87	25.00
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	24.91	24.90	24.94	25.00
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	24.92	24.90	24.86	25.00

【FR1 n66_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				346000	349000	352000	
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	24.95	25.00	24.98	25.00
40	PI/2 BPSK	1	108	24.94	24.91	24.93	25.00
40	PI/2 BPSK	1	214	24.90	24.96	24.90	25.00
40	PI/2 BPSK	108	0	24.30	24.49	24.44	24.50
40	PI/2 BPSK	108	54	24.77	24.95	24.79	25.00
40	PI/2 BPSK	108	108	24.32	24.48	24.36	24.50
40	PI/2 BPSK	216	0	23.81	24.00	23.92	24.50
40	QPSK	1	1	24.54	24.65	24.48	25.00
40	QPSK	1	108	24.74	24.83	24.78	25.00
40	QPSK	1	214	24.88	24.97	24.92	25.00
40	QPSK	108	0	23.88	24.00	23.84	24.00
40	QPSK	108	54	24.86	24.96	24.83	25.00
40	QPSK	108	108	23.86	24.00	23.87	24.00
40	QPSK	216	0	23.92	24.00	23.96	24.00
40	16QAM	1	1	23.52	23.67	23.51	24.00
40	64QAM	1	1	21.81	21.88	21.72	22.50
40	256QAM	1	1	20.24	20.39	20.34	20.50
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	24.86	24.96	24.86	25.00
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	24.92	24.94	24.89	25.00
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	24.90	24.89	24.84	25.00
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	24.88	24.92	24.87	25.00
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	24.91	24.90	24.94	25.00
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	24.92	24.90	24.86	25.00

【FR1 n66_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				346000	349000	352000	
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	24.95	25.00	24.98	25.00
40	PI/2 BPSK	1	108	24.94	24.91	24.93	25.00
40	PI/2 BPSK	1	214	24.90	24.96	24.90	25.00
40	PI/2 BPSK	108	0	24.30	24.49	24.44	24.50
40	PI/2 BPSK	108	54	24.77	24.95	24.79	25.00
40	PI/2 BPSK	108	108	24.32	24.48	24.36	24.50
40	PI/2 BPSK	216	0	23.81	24.00	23.92	24.50
40	QPSK	1	1	24.54	24.65	24.48	25.00
40	QPSK	1	108	24.74	24.83	24.78	25.00
40	QPSK	1	214	24.88	24.97	24.92	25.00
40	QPSK	108	0	23.88	24.00	23.84	24.00
40	QPSK	108	54	24.86	24.96	24.83	25.00
40	QPSK	108	108	23.86	24.00	23.87	24.00
40	QPSK	216	0	23.92	24.00	23.96	24.00
40	16QAM	1	1	23.52	23.67	23.51	24.00
40	64QAM	1	1	21.81	21.88	21.72	22.50
40	256QAM	1	1	20.24	20.39	20.34	20.50
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	24.86	24.96	24.86	25.00
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	24.92	24.94	24.89	25.00
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	24.90	24.89	24.84	25.00
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	24.88	24.92	24.87	25.00
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	24.91	24.90	24.94	25.00
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	24.92	24.90	24.86	25.00

【FR1 n66_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				346000	349000	352000	
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	24.95	25.00	24.98	25.00
40	PI/2 BPSK	1	108	24.94	24.91	24.93	25.00
40	PI/2 BPSK	1	214	24.90	24.96	24.90	25.00
40	PI/2 BPSK	108	0	24.30	24.49	24.44	24.50
40	PI/2 BPSK	108	54	24.77	24.95	24.79	25.00
40	PI/2 BPSK	108	108	24.32	24.48	24.36	24.50
40	PI/2 BPSK	216	0	23.81	24.00	23.92	24.50
40	QPSK	1	1	24.54	24.65	24.48	25.00
40	QPSK	1	108	24.74	24.83	24.78	25.00
40	QPSK	1	214	24.88	24.97	24.92	25.00
40	QPSK	108	0	23.88	24.00	23.84	24.00
40	QPSK	108	54	24.86	24.96	24.83	25.00
40	QPSK	108	108	23.86	24.00	23.87	24.00
40	QPSK	216	0	23.92	24.00	23.96	24.00
40	16QAM	1	1	23.52	23.67	23.51	24.00
40	64QAM	1	1	21.81	21.88	21.72	22.50
40	256QAM	1	1	20.24	20.39	20.34	20.50
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	24.86	24.96	24.86	25.00
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	24.92	24.94	24.89	25.00
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	24.90	24.89	24.84	25.00
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	24.88	24.92	24.87	25.00
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	24.91	24.90	24.94	25.00
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	24.92	24.90	24.86	25.00

【FR1 n66_Ant 5_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346000	349000	352000	
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	24.89	24.79	24.87	25.00
40	PI/2 BPSK	1	108	24.71	24.72	24.80	25.00
40	PI/2 BPSK	1	214	24.82	24.73	24.69	25.00
40	PI/2 BPSK	108	0	24.41	24.36	24.38	24.50
40	PI/2 BPSK	108	54	24.86	24.87	24.82	25.00
40	PI/2 BPSK	108	108	24.25	24.32	24.27	24.50
40	PI/2 BPSK	216	0	24.43	24.41	24.45	24.50
40	QPSK	1	1	24.48	24.56	24.49	25.00
40	QPSK	1	108	24.80	24.76	24.81	25.00
40	QPSK	1	214	24.71	24.70	24.74	25.00
40	QPSK	108	0	23.89	23.92	23.86	24.00
40	QPSK	108	54	24.87	24.87	24.83	25.00
40	QPSK	108	108	23.91	23.86	23.89	24.00
40	QPSK	216	0	23.97	23.95	23.97	24.00
40	16QAM	1	1	23.38	23.33	23.37	24.00
40	64QAM	1	1	22.11	22.12	22.06	22.50
40	256QAM	1	1	20.16	20.17	20.20	20.50
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	24.72	24.75	24.77	25.00
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	24.84	24.71	24.78	25.00
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	24.80	24.73	24.79	25.00
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	24.83	24.72	24.84	25.00
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	24.74	24.66	24.80	25.00
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	24.83	24.70	24.79	25.00

【FR1 n66_Ant 5_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346000	349000	352000	
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	23.74	23.90	24.02	24.10
40	PI/2 BPSK	1	108	23.58	23.84	23.89	24.10
40	PI/2 BPSK	1	214	23.59	23.76	23.83	24.10
40	PI/2 BPSK	108	0	23.59	23.83	23.84	24.10
40	PI/2 BPSK	108	54	23.66	23.84	23.85	24.10
40	PI/2 BPSK	108	108	23.61	23.80	23.90	24.10
40	PI/2 BPSK	216	0	23.58	23.78	23.80	24.10
40	QPSK	1	1	23.49	23.76	23.82	24.10
40	QPSK	1	108	23.74	24.00	24.05	24.10
40	QPSK	1	214	23.57	23.87	23.91	24.10
40	QPSK	108	0	23.64	23.87	23.93	24.00
40	QPSK	108	54	23.67	23.86	23.85	24.10
40	QPSK	108	108	23.52	23.82	23.89	24.00
40	QPSK	216	0	23.60	23.82	23.88	24.00
40	16QAM	1	1	23.41	23.64	23.66	24.00
40	64QAM	1	1	21.85	22.14	22.23	22.50
40	256QAM	1	1	20.12	20.33	20.32	20.50
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	23.70	23.81	23.87	24.10
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	23.68	23.78	23.90	24.10
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	23.73	23.78	23.90	24.10
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	23.73	23.88	23.96	24.10
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	23.61	23.83	24.00	24.10
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	23.59	23.77	23.88	24.10

【FR1 n66_Ant 5_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				346000	349000	352000	
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	24.89	24.79	24.87	25.00
40	PI/2 BPSK	1	108	24.71	24.72	24.80	25.00
40	PI/2 BPSK	1	214	24.82	24.73	24.69	25.00
40	PI/2 BPSK	108	0	24.41	24.36	24.38	24.50
40	PI/2 BPSK	108	54	24.86	24.87	24.82	25.00
40	PI/2 BPSK	108	108	24.25	24.32	24.27	24.50
40	PI/2 BPSK	216	0	24.43	24.41	24.45	24.50
40	QPSK	1	1	24.48	24.56	24.49	25.00
40	QPSK	1	108	24.80	24.76	24.81	25.00
40	QPSK	1	214	24.71	24.70	24.74	25.00
40	QPSK	108	0	23.89	23.92	23.86	24.00
40	QPSK	108	54	24.87	24.87	24.83	25.00
40	QPSK	108	108	23.91	23.86	23.89	24.00
40	QPSK	216	0	23.97	23.95	23.97	24.00
40	16QAM	1	1	23.38	23.33	23.37	24.00
40	64QAM	1	1	22.11	22.12	22.06	22.50
40	256QAM	1	1	20.16	20.17	20.20	20.50
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	24.72	24.75	24.77	25.00
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	24.84	24.71	24.78	25.00
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	24.80	24.73	24.79	25.00
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	24.83	24.72	24.84	25.00
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	24.74	24.66	24.80	25.00
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	24.83	24.70	24.79	25.00

【FR1 n66_Ant 5_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				346000	349000	352000	
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	23.74	23.90	24.02	24.10
40	PI/2 BPSK	1	108	23.58	23.84	23.89	24.10
40	PI/2 BPSK	1	214	23.59	23.76	23.83	24.10
40	PI/2 BPSK	108	0	23.59	23.83	23.84	24.10
40	PI/2 BPSK	108	54	23.66	23.84	23.85	24.10
40	PI/2 BPSK	108	108	23.61	23.80	23.90	24.10
40	PI/2 BPSK	216	0	23.58	23.78	23.80	24.10
40	QPSK	1	1	23.49	23.76	23.82	24.10
40	QPSK	1	108	23.74	24.00	24.05	24.10
40	QPSK	1	214	23.57	23.87	23.91	24.10
40	QPSK	108	0	23.64	23.87	23.93	24.00
40	QPSK	108	54	23.67	23.86	23.85	24.10
40	QPSK	108	108	23.52	23.82	23.89	24.00
40	QPSK	216	0	23.60	23.82	23.88	24.00
40	16QAM	1	1	23.41	23.64	23.66	24.00
40	64QAM	1	1	21.85	22.14	22.23	22.50
40	256QAM	1	1	20.12	20.33	20.32	20.50
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	23.70	23.81	23.87	24.10
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	23.68	23.78	23.90	24.10
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	23.73	23.78	23.90	24.10
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	23.73	23.88	23.96	24.10
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	23.61	23.83	24.00	24.10
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	23.59	23.77	23.88	24.10

【FR1 n66_Ant 5_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				346000	349000	352000	
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	23.74	23.90	24.02	24.10
40	PI/2 BPSK	1	108	23.58	23.84	23.89	24.10
40	PI/2 BPSK	1	214	23.59	23.76	23.83	24.10
40	PI/2 BPSK	108	0	23.59	23.83	23.84	24.10
40	PI/2 BPSK	108	54	23.66	23.84	23.85	24.10
40	PI/2 BPSK	108	108	23.61	23.80	23.90	24.10
40	PI/2 BPSK	216	0	23.58	23.78	23.80	24.10
40	QPSK	1	1	23.49	23.76	23.82	24.10
40	QPSK	1	108	23.74	24.00	24.05	24.10
40	QPSK	1	214	23.57	23.87	23.91	24.10
40	QPSK	108	0	23.64	23.87	23.93	24.00
40	QPSK	108	54	23.67	23.86	23.85	24.10
40	QPSK	108	108	23.52	23.82	23.89	24.00
40	QPSK	216	0	23.60	23.82	23.88	24.00
40	16QAM	1	1	23.41	23.64	23.66	24.00
40	64QAM	1	1	21.85	22.14	22.23	22.50
40	256QAM	1	1	20.12	20.33	20.32	20.50
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	23.70	23.81	23.87	24.10
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	23.68	23.78	23.90	24.10
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	23.73	23.78	23.90	24.10
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	23.73	23.88	23.96	24.10
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	23.61	23.83	24.00	24.10
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	23.59	23.77	23.88	24.10

【FR1 n70_Ant 1_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					340500		
Frequency (MHz)					1702.5		
15	PI/2 BPSK	1	1		24.93		25.00
15	PI/2 BPSK	1	40		24.86		25.00
15	PI/2 BPSK	1	77		24.85		25.00
15	PI/2 BPSK	36	0		24.28		24.50
15	PI/2 BPSK	36	22		24.84		25.00
15	PI/2 BPSK	36	43		24.37		24.50
15	PI/2 BPSK	75	0		24.35		24.50
15	QPSK	1	1		24.11		25.00
15	QPSK	1	40		24.79		25.00
15	QPSK	1	77		24.77		25.00
15	QPSK	36	0		23.78		24.00
15	QPSK	36	22		24.83		25.00
15	QPSK	36	43		23.82		24.00
15	QPSK	75	0		23.89		24.00
15	16QAM	1	1		23.64		24.00
15	64QAM	1	1		22.50		22.50
15	256QAM	1	1		20.00		20.50

【FR1 n70_Ant 1_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					340500		
Frequency (MHz)					1702.5		
15	PI/2 BPSK	1	1		24.93		25.00
15	PI/2 BPSK	1	40		24.86		25.00
15	PI/2 BPSK	1	77		24.85		25.00
15	PI/2 BPSK	36	0		24.28		24.50
15	PI/2 BPSK	36	22		24.84		25.00
15	PI/2 BPSK	36	43		24.37		24.50
15	PI/2 BPSK	75	0		24.35		24.50
15	QPSK	1	1		24.11		25.00
15	QPSK	1	40		24.79		25.00
15	QPSK	1	77		24.77		25.00
15	QPSK	36	0		23.78		24.00
15	QPSK	36	22		24.83		25.00
15	QPSK	36	43		23.82		24.00
15	QPSK	75	0		23.89		24.00
15	16QAM	1	1		23.64		24.00
15	64QAM	1	1		22.50		22.50
15	256QAM	1	1		20.00		20.50

【FR1 n70_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					340500		
Frequency (MHz)					1702.5		
15	PI/2 BPSK	1	1		24.93		25.00
15	PI/2 BPSK	1	40		24.86		25.00
15	PI/2 BPSK	1	77		24.85		25.00
15	PI/2 BPSK	36	0		24.28		24.50
15	PI/2 BPSK	36	22		24.84		25.00
15	PI/2 BPSK	36	43		24.37		24.50
15	PI/2 BPSK	75	0		24.35		24.50
15	QPSK	1	1		24.11		25.00
15	QPSK	1	40		24.79		25.00
15	QPSK	1	77		24.77		25.00
15	QPSK	36	0		23.78		24.00
15	QPSK	36	22		24.83		25.00
15	QPSK	36	43		23.82		24.00
15	QPSK	75	0		23.89		24.00
15	16QAM	1	1		23.64		24.00
15	64QAM	1	1		22.50		22.50
15	256QAM	1	1		20.00		20.50

【FR1 n70_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					340500		
Frequency (MHz)					1702.5		
15	PI/2 BPSK	1	1		24.93		25.00
15	PI/2 BPSK	1	40		24.86		25.00
15	PI/2 BPSK	1	77		24.85		25.00
15	PI/2 BPSK	36	0		24.28		24.50
15	PI/2 BPSK	36	22		24.84		25.00
15	PI/2 BPSK	36	43		24.37		24.50
15	PI/2 BPSK	75	0		24.35		24.50
15	QPSK	1	1		24.11		25.00
15	QPSK	1	40		24.79		25.00
15	QPSK	1	77		24.77		25.00
15	QPSK	36	0		23.78		24.00
15	QPSK	36	22		24.83		25.00
15	QPSK	36	43		23.82		24.00
15	QPSK	75	0		23.89		24.00
15	16QAM	1	1		23.64		24.00
15	64QAM	1	1		22.50		22.50
15	256QAM	1	1		20.00		20.50

【FR1 n70_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					340500		
Frequency (MHz)					1702.5		
15	PI/2 BPSK	1	1		24.93		25.00
15	PI/2 BPSK	1	40		24.86		25.00
15	PI/2 BPSK	1	77		24.85		25.00
15	PI/2 BPSK	36	0		24.28		24.50
15	PI/2 BPSK	36	22		24.84		25.00
15	PI/2 BPSK	36	43		24.37		24.50
15	PI/2 BPSK	75	0		24.35		24.50
15	QPSK	1	1		24.11		25.00
15	QPSK	1	40		24.79		25.00
15	QPSK	1	77		24.77		25.00
15	QPSK	36	0		23.78		24.00
15	QPSK	36	22		24.83		25.00
15	QPSK	36	43		23.82		24.00
15	QPSK	75	0		23.89		24.00
15	16QAM	1	1		23.64		24.00
15	64QAM	1	1		22.50		22.50
15	256QAM	1	1		20.00		20.50

【FR1 n71_Ant 8_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				134600	136100	137600	
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	24.58	24.91	24.73	25.50
20	PI/2 BPSK	1	53	24.49	24.88	24.62	25.50
20	PI/2 BPSK	1	104	24.39	24.81	24.48	25.50
20	PI/2 BPSK	50	0	23.81	24.19	24.01	25.00
20	PI/2 BPSK	50	28	24.49	24.87	24.58	25.50
20	PI/2 BPSK	50	56	23.78	24.25	23.95	25.00
20	PI/2 BPSK	100	0	23.86	24.22	23.90	25.00
20	QPSK	1	1	24.30	24.76	24.52	25.50
20	QPSK	1	53	24.60	24.88	24.77	25.50
20	QPSK	1	104	24.59	24.87	24.65	25.50
20	QPSK	50	0	23.30	23.70	23.51	24.50
20	QPSK	50	28	24.34	24.78	24.49	25.50
20	QPSK	50	56	23.34	23.75	23.56	24.50
20	QPSK	100	0	23.31	23.73	23.45	24.50
20	16QAM	1	1	22.91	23.25	22.95	24.50
20	64QAM	1	1	21.52	21.84	21.62	23.00
20	256QAM	1	1	19.46	19.86	19.62	21.00
Channel				134100	136100	138100	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	24.56	24.80	24.62	25.50
Channel				133600	136100	138600	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	24.56	24.85	24.68	25.50
Channel				133100	136100	139100	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	24.55	24.89	24.68	25.50

【FR1 n71_Ant 8_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				134600	136100	137600	
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	24.58	24.91	24.73	25.50
20	PI/2 BPSK	1	53	24.49	24.88	24.62	25.50
20	PI/2 BPSK	1	104	24.39	24.81	24.48	25.50
20	PI/2 BPSK	50	0	23.81	24.19	24.01	25.00
20	PI/2 BPSK	50	28	24.49	24.87	24.58	25.50
20	PI/2 BPSK	50	56	23.78	24.25	23.95	25.00
20	PI/2 BPSK	100	0	23.86	24.22	23.90	25.00
20	QPSK	1	1	24.30	24.76	24.52	25.50
20	QPSK	1	53	24.60	24.88	24.77	25.50
20	QPSK	1	104	24.59	24.87	24.65	25.50
20	QPSK	50	0	23.30	23.70	23.51	24.50
20	QPSK	50	28	24.34	24.78	24.49	25.50
20	QPSK	50	56	23.34	23.75	23.56	24.50
20	QPSK	100	0	23.31	23.73	23.45	24.50
20	16QAM	1	1	22.91	23.25	22.95	24.50
20	64QAM	1	1	21.52	21.84	21.62	23.00
20	256QAM	1	1	19.46	19.86	19.62	21.00
Channel				134100	136100	138100	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	24.56	24.80	24.62	25.50
Channel				133600	136100	138600	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	24.56	24.85	24.68	25.50
Channel				133100	136100	139100	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	24.55	24.89	24.68	25.50