

Frequency (MHz)				699.7	707.5	715.3	(dBm)
1.4	QPSK	1	0	23.14	23.01	23.12	24.00
1.4	QPSK	1	3	22.88	23.01	22.94	24.00
1.4	QPSK	1	5	22.92	22.84	22.87	24.00
1.4	QPSK	3	0	23.12	23.11	23.05	24.00
1.4	QPSK	3	1	22.99	23.01	23.08	24.00
1.4	QPSK	3	3	22.92	23.06	22.87	24.00
1.4	QPSK	6	0	21.97	22.09	22.04	23.00
1.4	16QAM	1	0	22.33	22.38	22.30	23.00
1.4	16QAM	1	3	22.26	22.32	22.34	23.00
1.4	16QAM	1	5	22.32	22.28	22.32	23.00
1.4	16QAM	3	0	22.03	22.04	22.06	23.00
1.4	16QAM	3	1	22.03	22.04	22.02	23.00
1.4	16QAM	3	3	22.08	22.06	21.94	23.00
1.4	16QAM	6	0	21.03	21.08	20.89	22.00
1.4	64QAM	1	0	21.18	21.11	21.15	22.00
1.4	64QAM	1	3	21.10	21.16	21.09	22.00
1.4	64QAM	1	5	21.13	21.19	21.19	22.00
1.4	64QAM	3	0	20.85	20.95	21.02	22.00
1.4	64QAM	3	1	21.02	21.10	20.99	22.00
1.4	64QAM	3	3	20.91	20.89	20.91	22.00
1.4	64QAM	6	0	20.08	20.09	19.96	21.00
1.4	256QAM	1	0	18.02	18.01	18.08	19.00
1.4	256QAM	1	3	18.09	18.12	18.08	19.00
1.4	256QAM	1	5	17.92	18.10	17.97	19.00
1.4	256QAM	3	0	18.00	18.00	17.96	19.00
1.4	256QAM	3	1	18.04	18.15	18.03	19.00
1.4	256QAM	3	3	18.04	18.00	18.07	19.00
1.4	256QAM	6	0	17.93	18.09	17.94	19.00

【LTE Band 12_Ant 1_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23060	23095	23130	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	23.20	23.27	23.10	24.00
10	QPSK	1	25	23.01	23.06	23.01	24.00
10	QPSK	1	49	23.00	23.02	23.00	24.00
10	QPSK	25	0	22.04	22.24	22.02	23.00
10	QPSK	25	12	22.00	22.19	22.01	23.00
10	QPSK	25	25	22.03	22.18	22.00	23.00
10	QPSK	50	0	22.01	22.19	22.01	23.00
10	16QAM	1	0	22.42	22.54	22.28	23.00
10	16QAM	1	25	22.44	22.60	22.33	23.00
10	16QAM	1	49	22.06	22.24	22.00	23.00
10	16QAM	25	0	21.14	21.26	21.08	22.00
10	16QAM	25	12	21.11	21.24	21.00	22.00
10	16QAM	25	25	21.13	21.23	21.00	22.00
10	16QAM	50	0	21.06	21.21	21.00	22.00
10	64QAM	1	0	21.19	21.40	21.18	22.00
10	64QAM	1	25	21.19	21.30	21.08	22.00
10	64QAM	1	49	21.00	21.06	21.00	22.00
10	64QAM	25	0	20.04	20.22	20.00	21.00
10	64QAM	25	12	20.06	20.21	20.02	21.00
10	64QAM	25	25	20.06	20.17	20.00	21.00
10	64QAM	50	0	20.01	20.21	20.00	21.00
10	256QAM	1	0	18.22	18.33	18.15	19.00
10	256QAM	1	25	18.13	18.21	18.03	19.00
10	256QAM	1	49	18.00	18.07	18.00	19.00
10	256QAM	25	0	18.14	18.23	18.05	19.00
10	256QAM	25	12	18.05	18.16	18.00	19.00
10	256QAM	25	25	18.01	18.09	18.00	19.00
10	256QAM	50	0	18.03	18.18	18.00	19.00
Channel				23035	23095	23115	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	23.12	23.15	23.08	24.00
5	QPSK	1	12	23.01	23.00	23.00	24.00
5	QPSK	1	24	23.01	23.00	23.02	24.00
5	QPSK	12	0	22.02	22.16	22.01	23.00
5	QPSK	12	7	22.00	22.13	22.00	23.00
5	QPSK	12	13	22.01	22.08	22.00	23.00
5	QPSK	25	0	22.00	22.06	22.00	23.00

5	16QAM	1	0	22.36	22.45	22.15	23.00
5	16QAM	1	12	22.32	22.59	22.26	23.00
5	16QAM	1	24	22.00	22.18	22.01	23.00
5	16QAM	12	0	21.01	21.19	21.00	22.00
5	16QAM	12	7	21.04	21.13	21.01	22.00
5	16QAM	12	13	21.06	21.14	21.01	22.00
5	16QAM	25	0	21.02	21.08	21.00	22.00
5	64QAM	1	0	21.15	21.29	21.04	22.00
5	64QAM	1	12	21.12	21.25	21.02	22.00
5	64QAM	1	24	21.01	21.00	21.00	22.00
5	64QAM	12	0	20.00	20.10	20.00	21.00
5	64QAM	12	7	20.00	20.17	20.00	21.00
5	64QAM	12	13	20.03	20.09	20.01	21.00
5	64QAM	25	0	20.02	20.13	20.01	21.00
5	256QAM	1	0	18.15	18.28	18.02	19.00
5	256QAM	1	12	18.00	18.14	18.00	19.00
5	256QAM	1	24	18.00	18.03	18.00	19.00
5	256QAM	12	0	18.08	18.20	18.01	19.00
5	256QAM	12	7	18.00	18.14	18.00	19.00
5	256QAM	12	13	18.01	18.01	18.02	19.00
5	256QAM	25	0	18.00	18.08	18.01	19.00
Channel				23025	23095	23165	Tune-up limit
Frequency (MHz)				700.5	707.5	714.5	(dBm)
3	QPSK	1	0	23.16	23.25	23.04	24.00
3	QPSK	1	8	23.01	23.00	23.00	24.00
3	QPSK	1	14	23.00	23.01	23.01	24.00
3	QPSK	8	0	22.01	22.14	22.00	23.00
3	QPSK	8	4	22.00	22.11	22.01	23.00
3	QPSK	8	7	22.00	22.12	22.00	23.00
3	QPSK	15	0	22.02	22.08	22.01	23.00
3	16QAM	1	0	22.35	22.40	22.24	23.00
3	16QAM	1	8	22.35	22.58	22.23	23.00
3	16QAM	1	14	22.02	22.14	22.00	23.00
3	16QAM	8	0	21.10	21.18	21.00	22.00
3	16QAM	8	4	21.08	21.23	21.02	22.00
3	16QAM	8	7	21.08	21.20	21.00	22.00
3	16QAM	15	0	21.03	21.16	21.01	22.00
3	64QAM	1	0	21.17	21.38	21.09	22.00
3	64QAM	1	8	21.06	21.17	21.01	22.00
3	64QAM	1	14	21.01	21.05	21.00	22.00
3	64QAM	8	0	20.02	20.20	20.01	21.00
3	64QAM	8	4	20.01	20.16	20.00	21.00
3	64QAM	8	7	20.00	20.04	20.01	21.00
3	64QAM	15	0	20.01	20.09	20.00	21.00
3	256QAM	1	0	18.17	18.28	18.12	19.00
3	256QAM	1	8	18.01	18.07	18.02	19.00
3	256QAM	1	14	18.00	18.00	18.01	19.00
3	256QAM	8	0	18.10	18.20	18.00	19.00
3	256QAM	8	4	18.00	18.04	18.01	19.00
3	256QAM	8	7	18.01	18.01	18.01	19.00
3	256QAM	15	0	18.00	18.08	18.01	19.00
Channel				23017	23095	23173	Tune-up limit
Frequency (MHz)				699.7	707.5	715.3	(dBm)
1.4	QPSK	1	0	23.18	23.26	23.01	24.00
1.4	QPSK	1	3	23.00	23.00	23.00	24.00
1.4	QPSK	1	5	23.02	23.00	23.00	24.00
1.4	QPSK	3	0	23.00	23.14	23.01	24.00
1.4	QPSK	3	1	23.00	23.12	23.00	24.00
1.4	QPSK	3	3	23.00	23.08	23.01	24.00
1.4	QPSK	6	0	22.02	22.10	22.01	23.00
1.4	16QAM	1	0	22.39	22.42	22.19	23.00
1.4	16QAM	1	3	22.42	22.58	22.29	23.00
1.4	16QAM	1	5	22.00	22.18	22.00	23.00
1.4	16QAM	3	0	22.09	22.22	22.00	23.00
1.4	16QAM	3	1	22.01	22.21	22.01	23.00
1.4	16QAM	3	3	22.04	22.10	22.01	23.00
1.4	16QAM	6	0	21.01	21.08	21.01	22.00
1.4	64QAM	1	0	21.12	21.32	21.06	22.00
1.4	64QAM	1	3	21.11	21.23	21.05	22.00
1.4	64QAM	1	5	21.00	21.00	21.00	22.00
1.4	64QAM	3	0	21.00	21.14	21.00	22.00
1.4	64QAM	3	1	21.05	21.08	21.00	22.00
1.4	64QAM	3	3	21.00	21.14	21.00	22.00
1.4	64QAM	6	0	20.02	20.11	20.02	21.00
1.4	256QAM	1	0	18.09	18.21	18.12	19.00
1.4	256QAM	1	3	18.07	18.18	18.00	19.00
1.4	256QAM	1	5	18.00	18.00	18.01	19.00
1.4	256QAM	3	0	18.08	18.19	18.00	19.00

1.4	256QAM	3	1	18.03	18.07	18.02	19.00
1.4	256QAM	3	3	18.00	18.00	18.01	19.00
1.4	256QAM	6	0	18.01	18.12	18.00	19.00

【LTE Band 12_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				23060	23095	23130	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	23.20	23.27	23.10	24.00
10	QPSK	1	25	23.01	23.06	23.01	24.00
10	QPSK	1	49	23.00	23.02	23.00	24.00
10	QPSK	25	0	22.04	22.24	22.02	23.00
10	QPSK	25	12	22.00	22.19	22.01	23.00
10	QPSK	25	25	22.03	22.18	22.00	23.00
10	QPSK	50	0	22.01	22.19	22.01	23.00
10	16QAM	1	0	22.42	22.54	22.28	23.00
10	16QAM	1	25	22.44	22.60	22.33	23.00
10	16QAM	1	49	22.06	22.24	22.00	23.00
10	16QAM	25	0	21.14	21.26	21.08	22.00
10	16QAM	25	12	21.11	21.24	21.00	22.00
10	16QAM	25	25	21.13	21.23	21.00	22.00
10	16QAM	50	0	21.06	21.21	21.00	22.00
10	64QAM	1	0	21.19	21.40	21.18	22.00
10	64QAM	1	25	21.19	21.30	21.08	22.00
10	64QAM	1	49	21.00	21.06	21.00	22.00
10	64QAM	25	0	20.04	20.22	20.00	21.00
10	64QAM	25	12	20.06	20.21	20.02	21.00
10	64QAM	25	25	20.06	20.17	20.00	21.00
10	64QAM	50	0	20.01	20.21	20.00	21.00
10	256QAM	1	0	18.22	18.33	18.15	19.00
10	256QAM	1	25	18.13	18.21	18.03	19.00
10	256QAM	1	49	18.00	18.07	18.00	19.00
10	256QAM	25	0	18.14	18.23	18.05	19.00
10	256QAM	25	12	18.05	18.16	18.00	19.00
10	256QAM	25	25	18.01	18.09	18.00	19.00
10	256QAM	50	0	18.03	18.18	18.00	19.00
Channel				23035	23095	23115	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	23.12	23.15	23.08	24.00
5	QPSK	1	12	23.01	23.00	23.00	24.00
5	QPSK	1	24	23.01	23.00	23.02	24.00
5	QPSK	12	0	22.02	22.16	22.01	23.00
5	QPSK	12	7	22.00	22.13	22.00	23.00
5	QPSK	12	13	22.01	22.08	22.00	23.00
5	QPSK	25	0	22.00	22.06	22.00	23.00
5	16QAM	1	0	22.36	22.45	22.15	23.00
5	16QAM	1	12	22.32	22.59	22.26	23.00
5	16QAM	1	24	22.00	22.18	22.01	23.00
5	16QAM	12	0	21.01	21.19	21.00	22.00
5	16QAM	12	7	21.04	21.13	21.01	22.00
5	16QAM	12	13	21.06	21.14	21.01	22.00
5	16QAM	25	0	21.02	21.08	21.00	22.00
5	64QAM	1	0	21.15	21.29	21.04	22.00
5	64QAM	1	12	21.12	21.25	21.02	22.00
5	64QAM	1	24	21.01	21.00	21.00	22.00
5	64QAM	12	0	20.00	20.10	20.00	21.00
5	64QAM	12	7	20.00	20.17	20.00	21.00
5	64QAM	12	13	20.03	20.09	20.01	21.00
5	64QAM	25	0	20.02	20.13	20.01	21.00
5	256QAM	1	0	18.15	18.28	18.02	19.00
5	256QAM	1	12	18.00	18.14	18.00	19.00
5	256QAM	1	24	18.00	18.03	18.00	19.00
5	256QAM	12	0	18.08	18.20	18.01	19.00
5	256QAM	12	7	18.00	18.14	18.00	19.00
5	256QAM	12	13	18.01	18.01	18.02	19.00
5	256QAM	25	0	18.00	18.08	18.01	19.00
Channel				23025	23095	23165	Tune-up limit (dBm)
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	23.16	23.25	23.04	24.00
3	QPSK	1	8	23.01	23.00	23.00	24.00
3	QPSK	1	14	23.00	23.01	23.01	24.00

3	QPSK	8	0	22.01	22.14	22.00	23.00
3	QPSK	8	4	22.00	22.11	22.01	23.00
3	QPSK	8	7	22.00	22.12	22.00	23.00
3	QPSK	15	0	22.02	22.08	22.01	23.00
3	16QAM	1	0	22.35	22.40	22.24	23.00
3	16QAM	1	8	22.35	22.58	22.23	23.00
3	16QAM	1	14	22.02	22.14	22.00	23.00
3	16QAM	8	0	21.10	21.18	21.00	22.00
3	16QAM	8	4	21.08	21.23	21.02	22.00
3	16QAM	8	7	21.08	21.20	21.00	22.00
3	16QAM	15	0	21.03	21.16	21.01	22.00
3	64QAM	1	0	21.17	21.38	21.09	22.00
3	64QAM	1	8	21.06	21.17	21.01	22.00
3	64QAM	1	14	21.01	21.05	21.00	22.00
3	64QAM	8	0	20.02	20.20	20.01	21.00
3	64QAM	8	4	20.01	20.16	20.00	21.00
3	64QAM	8	7	20.00	20.04	20.01	21.00
3	64QAM	15	0	20.01	20.09	20.00	21.00
3	256QAM	1	0	18.17	18.28	18.12	19.00
3	256QAM	1	8	18.01	18.07	18.02	19.00
3	256QAM	1	14	18.00	18.00	18.01	19.00
3	256QAM	8	0	18.10	18.20	18.00	19.00
3	256QAM	8	4	18.00	18.04	18.01	19.00
3	256QAM	8	7	18.01	18.01	18.01	19.00
3	256QAM	15	0	18.00	18.08	18.01	19.00
Channel				23017	23095	23173	Tune-up limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	23.18	23.26	23.01	24.00
1.4	QPSK	1	3	23.00	23.00	23.00	24.00
1.4	QPSK	1	5	23.02	23.00	23.00	24.00
1.4	QPSK	3	0	23.00	23.14	23.01	24.00
1.4	QPSK	3	1	23.00	23.12	23.00	24.00
1.4	QPSK	3	3	23.00	23.08	23.01	24.00
1.4	QPSK	6	0	22.02	22.10	22.01	23.00
1.4	16QAM	1	0	22.39	22.42	22.19	23.00
1.4	16QAM	1	3	22.42	22.58	22.29	23.00
1.4	16QAM	1	5	22.00	22.18	22.00	23.00
1.4	16QAM	3	0	22.09	22.22	22.00	23.00
1.4	16QAM	3	1	22.01	22.21	22.01	23.00
1.4	16QAM	3	3	22.04	22.10	22.01	23.00
1.4	16QAM	6	0	21.01	21.08	21.01	22.00
1.4	64QAM	1	0	21.12	21.32	21.06	22.00
1.4	64QAM	1	3	21.11	21.23	21.05	22.00
1.4	64QAM	1	5	21.00	21.00	21.00	22.00
1.4	64QAM	3	0	21.00	21.14	21.00	22.00
1.4	64QAM	3	1	21.05	21.08	21.00	22.00
1.4	64QAM	3	3	21.00	21.14	21.00	22.00
1.4	64QAM	6	0	20.02	20.11	20.02	21.00
1.4	256QAM	1	0	18.09	18.21	18.12	19.00
1.4	256QAM	1	3	18.07	18.18	18.00	19.00
1.4	256QAM	1	5	18.00	18.00	18.01	19.00
1.4	256QAM	3	0	18.08	18.19	18.00	19.00
1.4	256QAM	3	1	18.03	18.07	18.02	19.00
1.4	256QAM	3	3	18.00	18.00	18.01	19.00
1.4	256QAM	6	0	18.01	18.12	18.00	19.00

【LTE Band 12_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				23060	23095	23130	
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	22.27	22.38	22.34	23.20
10	QPSK	1	25	22.18	22.16	22.20	23.20
10	QPSK	1	49	22.13	22.17	22.26	23.20
10	QPSK	25	0	22.13	22.31	22.30	23.00
10	QPSK	25	12	22.10	22.28	22.19	23.00
10	QPSK	25	25	22.07	22.17	22.15	23.00
10	QPSK	50	0	22.07	22.32	22.32	23.00
10	16QAM	1	0	22.28	22.24	22.28	23.00
10	16QAM	1	25	22.07	22.32	22.12	23.00
10	16QAM	1	49	22.18	22.31	22.25	23.00
10	16QAM	25	0	21.01	21.22	21.05	22.00

10	16QAM	25	12	21.05	21.20	21.08	22.00
10	16QAM	25	25	20.94	21.15	20.99	22.00
10	16QAM	50	0	21.06	21.18	21.08	22.00
10	64QAM	1	0	21.23	21.38	21.25	22.00
10	64QAM	1	25	21.03	21.28	21.23	22.00
10	64QAM	1	49	20.85	21.04	20.90	22.00
10	64QAM	25	0	19.97	20.17	20.04	21.00
10	64QAM	25	12	19.98	20.15	20.03	21.00
10	64QAM	25	25	19.95	20.14	20.05	21.00
10	64QAM	50	0	20.05	20.20	20.11	21.00
10	256QAM	1	0	18.15	18.31	18.23	19.00
10	256QAM	1	25	18.08	18.23	18.18	19.00
10	256QAM	1	49	17.99	18.09	18.01	19.00
10	256QAM	25	0	17.96	18.17	18.00	19.00
10	256QAM	25	12	17.97	18.15	18.08	19.00
10	256QAM	25	25	17.88	18.04	17.87	19.00
10	256QAM	50	0	17.91	18.03	17.85	19.00
Channel				23035	23095	23115	Tune-up limit
Frequency (MHz)				701.5	707.5	713.5	(dBm)
5	QPSK	1	0	22.24	22.28	22.23	23.20
5	QPSK	1	12	22.13	22.06	22.08	23.20
5	QPSK	1	24	22.06	22.08	22.21	23.20
5	QPSK	12	0	22.06	22.17	22.24	23.00
5	QPSK	12	7	21.97	22.25	22.16	23.00
5	QPSK	12	13	22.02	22.08	22.14	23.00
5	QPSK	25	0	22.02	22.26	22.25	23.00
5	16QAM	1	0	22.22	22.16	22.25	23.00
5	16QAM	1	12	22.01	22.21	22.05	23.00
5	16QAM	1	24	22.12	22.28	22.20	23.00
5	16QAM	12	0	20.98	21.19	20.99	22.00
5	16QAM	12	7	20.95	21.14	20.97	22.00
5	16QAM	12	13	20.92	21.10	20.85	22.00
5	16QAM	25	0	20.92	21.15	20.98	22.00
5	64QAM	1	0	21.14	21.31	21.22	22.00
5	64QAM	1	12	20.94	21.18	21.16	22.00
5	64QAM	1	24	20.79	20.99	20.76	22.00
5	64QAM	12	0	19.89	20.08	19.92	21.00
5	64QAM	12	7	19.93	20.04	19.99	21.00
5	64QAM	12	13	19.91	20.08	20.01	21.00
5	64QAM	25	0	19.94	20.11	20.06	21.00
5	256QAM	1	0	18.10	18.24	18.19	19.00
5	256QAM	1	12	18.07	18.17	18.09	19.00
5	256QAM	1	24	17.86	18.01	17.97	19.00
5	256QAM	12	0	17.86	18.02	17.89	19.00
5	256QAM	12	7	17.85	18.03	18.03	19.00
5	256QAM	12	13	17.85	18.01	17.83	19.00
5	256QAM	25	0	17.82	17.98	17.75	19.00
Channel				23025	23095	23165	Tune-up limit
Frequency (MHz)				700.5	707.5	714.5	(dBm)
3	QPSK	1	0	22.19	22.26	22.26	23.20
3	QPSK	1	8	22.04	22.06	22.07	23.20
3	QPSK	1	14	22.08	22.11	22.24	23.20
3	QPSK	8	0	22.01	22.16	22.20	23.00
3	QPSK	8	4	21.95	22.22	22.14	23.00
3	QPSK	8	7	21.99	22.12	22.04	23.00
3	QPSK	15	0	22.04	22.26	22.24	23.00
3	16QAM	1	0	22.22	22.09	22.19	23.00
3	16QAM	1	8	21.97	22.21	22.10	23.00
3	16QAM	1	14	22.04	22.25	22.20	23.00
3	16QAM	8	0	20.90	21.07	20.99	22.00
3	16QAM	8	4	21.00	21.10	21.01	22.00
3	16QAM	8	7	20.89	21.00	20.92	22.00
3	16QAM	15	0	21.02	21.06	20.99	22.00
3	64QAM	1	0	21.10	21.36	21.15	22.00
3	64QAM	1	8	20.93	21.16	21.18	22.00
3	64QAM	1	14	20.84	20.98	20.76	22.00
3	64QAM	8	0	19.89	20.09	20.01	21.00
3	64QAM	8	4	19.93	20.04	19.93	21.00
3	64QAM	8	7	19.84	20.01	19.99	21.00
3	64QAM	15	0	19.94	20.13	19.99	21.00
3	256QAM	1	0	18.01	18.21	18.09	19.00
3	256QAM	1	8	17.95	18.19	18.05	19.00
3	256QAM	1	14	17.90	18.00	17.95	19.00
3	256QAM	8	0	17.86	18.06	17.90	19.00
3	256QAM	8	4	17.84	18.05	18.06	19.00
3	256QAM	8	7	17.77	18.01	17.79	19.00
3	256QAM	15	0	17.85	17.97	17.77	19.00
Channel				23017	23095	23173	Tune-up limit

Frequency (MHz)				699.7	707.5	715.3	(dBm)
1.4	QPSK	1	0	22.21	22.27	22.30	23.20
1.4	QPSK	1	3	22.14	22.04	22.11	23.20
1.4	QPSK	1	5	22.09	22.03	22.23	23.20
1.4	QPSK	3	0	22.21	22.45	22.47	23.20
1.4	QPSK	3	1	22.27	22.43	22.32	23.20
1.4	QPSK	3	3	22.24	22.31	22.24	23.20
1.4	QPSK	6	0	21.98	22.17	22.27	23.00
1.4	16QAM	1	0	22.26	22.18	22.15	23.00
1.4	16QAM	1	3	21.93	22.20	22.03	23.00
1.4	16QAM	1	5	22.10	22.16	22.17	23.00
1.4	16QAM	3	0	21.96	22.20	21.91	23.00
1.4	16QAM	3	1	22.02	22.12	21.94	23.00
1.4	16QAM	3	3	21.87	22.06	21.94	23.00
1.4	16QAM	6	0	21.00	21.08	21.00	22.00
1.4	64QAM	1	0	21.16	21.27	21.23	22.00
1.4	64QAM	1	3	21.00	21.15	21.16	22.00
1.4	64QAM	1	5	20.81	20.95	20.80	22.00
1.4	64QAM	3	0	20.89	21.03	20.96	22.00
1.4	64QAM	3	1	20.87	21.00	20.91	22.00
1.4	64QAM	3	3	20.88	21.11	21.03	22.00
1.4	64QAM	6	0	19.94	20.19	20.09	21.00
1.4	256QAM	1	0	18.02	18.22	18.19	19.00
1.4	256QAM	1	3	17.94	18.17	18.04	19.00
1.4	256QAM	1	5	17.92	17.97	17.94	19.00
1.4	256QAM	3	0	17.92	18.04	17.97	19.00
1.4	256QAM	3	1	17.84	18.11	18.00	19.00
1.4	256QAM	3	3	17.77	18.00	17.81	19.00
1.4	256QAM	6	0	17.82	17.90	17.79	19.00

【LTE Band 12_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				23060	23095	23130	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	23.20	23.27	23.10	24.00
10	QPSK	1	25	23.01	23.06	23.01	24.00
10	QPSK	1	49	23.00	23.02	23.00	24.00
10	QPSK	25	0	22.04	22.24	22.02	23.00
10	QPSK	25	12	22.00	22.19	22.01	23.00
10	QPSK	25	25	22.03	22.18	22.00	23.00
10	QPSK	50	0	22.01	22.19	22.01	23.00
10	16QAM	1	0	22.42	22.54	22.28	23.00
10	16QAM	1	25	22.44	22.60	22.33	23.00
10	16QAM	1	49	22.06	22.24	22.00	23.00
10	16QAM	25	0	21.14	21.26	21.08	22.00
10	16QAM	25	12	21.11	21.24	21.00	22.00
10	16QAM	25	25	21.13	21.23	21.00	22.00
10	16QAM	50	0	21.06	21.21	21.00	22.00
10	64QAM	1	0	21.19	21.40	21.18	22.00
10	64QAM	1	25	21.19	21.30	21.08	22.00
10	64QAM	1	49	21.00	21.06	21.00	22.00
10	64QAM	25	0	20.04	20.22	20.00	21.00
10	64QAM	25	12	20.06	20.21	20.02	21.00
10	64QAM	25	25	20.06	20.17	20.00	21.00
10	64QAM	50	0	20.01	20.21	20.00	21.00
10	256QAM	1	0	18.22	18.33	18.15	19.00
10	256QAM	1	25	18.13	18.21	18.03	19.00
10	256QAM	1	49	18.00	18.07	18.00	19.00
10	256QAM	25	0	18.14	18.23	18.05	19.00
10	256QAM	25	12	18.05	18.16	18.00	19.00
10	256QAM	25	25	18.01	18.09	18.00	19.00
10	256QAM	50	0	18.03	18.18	18.00	19.00
Channel				23035	23095	23115	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	23.12	23.15	23.08	24.00
5	QPSK	1	12	23.01	23.00	23.00	24.00
5	QPSK	1	24	23.01	23.00	23.02	24.00
5	QPSK	12	0	22.02	22.16	22.01	23.00
5	QPSK	12	7	22.00	22.13	22.00	23.00
5	QPSK	12	13	22.01	22.08	22.00	23.00
5	QPSK	25	0	22.00	22.06	22.00	23.00

5	16QAM	1	0	22.36	22.45	22.15	23.00
5	16QAM	1	12	22.32	22.59	22.26	23.00
5	16QAM	1	24	22.00	22.18	22.01	23.00
5	16QAM	12	0	21.01	21.19	21.00	22.00
5	16QAM	12	7	21.04	21.13	21.01	22.00
5	16QAM	12	13	21.06	21.14	21.01	22.00
5	16QAM	25	0	21.02	21.08	21.00	22.00
5	64QAM	1	0	21.15	21.29	21.04	22.00
5	64QAM	1	12	21.12	21.25	21.02	22.00
5	64QAM	1	24	21.01	21.00	21.00	22.00
5	64QAM	12	0	20.00	20.10	20.00	21.00
5	64QAM	12	7	20.00	20.17	20.00	21.00
5	64QAM	12	13	20.03	20.09	20.01	21.00
5	64QAM	25	0	20.02	20.13	20.01	21.00
5	256QAM	1	0	18.15	18.28	18.02	19.00
5	256QAM	1	12	18.00	18.14	18.00	19.00
5	256QAM	1	24	18.00	18.03	18.00	19.00
5	256QAM	12	0	18.08	18.20	18.01	19.00
5	256QAM	12	7	18.00	18.14	18.00	19.00
5	256QAM	12	13	18.01	18.01	18.02	19.00
5	256QAM	25	0	18.00	18.08	18.01	19.00
Channel				23025	23095	23165	Tune-up limit
Frequency (MHz)				700.5	707.5	714.5	(dBm)
3	QPSK	1	0	23.16	23.25	23.04	24.00
3	QPSK	1	8	23.01	23.00	23.00	24.00
3	QPSK	1	14	23.00	23.01	23.01	24.00
3	QPSK	8	0	22.01	22.14	22.00	23.00
3	QPSK	8	4	22.00	22.11	22.01	23.00
3	QPSK	8	7	22.00	22.12	22.00	23.00
3	QPSK	15	0	22.02	22.08	22.01	23.00
3	16QAM	1	0	22.35	22.40	22.24	23.00
3	16QAM	1	8	22.35	22.58	22.23	23.00
3	16QAM	1	14	22.02	22.14	22.00	23.00
3	16QAM	8	0	21.10	21.18	21.00	22.00
3	16QAM	8	4	21.08	21.23	21.02	22.00
3	16QAM	8	7	21.08	21.20	21.00	22.00
3	16QAM	15	0	21.03	21.16	21.01	22.00
3	64QAM	1	0	21.17	21.38	21.09	22.00
3	64QAM	1	8	21.06	21.17	21.01	22.00
3	64QAM	1	14	21.01	21.05	21.00	22.00
3	64QAM	8	0	20.02	20.20	20.01	21.00
3	64QAM	8	4	20.01	20.16	20.00	21.00
3	64QAM	8	7	20.00	20.04	20.01	21.00
3	64QAM	15	0	20.01	20.09	20.00	21.00
3	256QAM	1	0	18.17	18.28	18.12	19.00
3	256QAM	1	8	18.01	18.07	18.02	19.00
3	256QAM	1	14	18.00	18.00	18.01	19.00
3	256QAM	8	0	18.10	18.20	18.00	19.00
3	256QAM	8	4	18.00	18.04	18.01	19.00
3	256QAM	8	7	18.01	18.01	18.01	19.00
3	256QAM	15	0	18.00	18.08	18.01	19.00
Channel				23017	23095	23173	Tune-up limit
Frequency (MHz)				699.7	707.5	715.3	(dBm)
1.4	QPSK	1	0	23.18	23.26	23.01	24.00
1.4	QPSK	1	3	23.00	23.00	23.00	24.00
1.4	QPSK	1	5	23.02	23.00	23.00	24.00
1.4	QPSK	3	0	23.00	23.14	23.01	24.00
1.4	QPSK	3	1	23.00	23.12	23.00	24.00
1.4	QPSK	3	3	23.00	23.08	23.01	24.00
1.4	QPSK	6	0	22.02	22.10	22.01	23.00
1.4	16QAM	1	0	22.39	22.42	22.19	23.00
1.4	16QAM	1	3	22.42	22.58	22.29	23.00
1.4	16QAM	1	5	22.00	22.18	22.00	23.00
1.4	16QAM	3	0	22.09	22.22	22.00	23.00
1.4	16QAM	3	1	22.01	22.21	22.01	23.00
1.4	16QAM	3	3	22.04	22.10	22.01	23.00
1.4	16QAM	6	0	21.01	21.08	21.01	22.00
1.4	64QAM	1	0	21.12	21.32	21.06	22.00
1.4	64QAM	1	3	21.11	21.23	21.05	22.00
1.4	64QAM	1	5	21.00	21.00	21.00	22.00
1.4	64QAM	3	0	21.00	21.14	21.00	22.00
1.4	64QAM	3	1	21.05	21.08	21.00	22.00
1.4	64QAM	3	3	21.00	21.14	21.00	22.00
1.4	64QAM	6	0	20.02	20.11	20.02	21.00
1.4	256QAM	1	0	18.09	18.21	18.12	19.00
1.4	256QAM	1	3	18.07	18.18	18.00	19.00
1.4	256QAM	1	5	18.00	18.00	18.01	19.00
1.4	256QAM	3	0	18.08	18.19	18.00	19.00

1.4	256QAM	3	1	18.03	18.07	18.02	19.00
1.4	256QAM	3	3	18.00	18.00	18.01	19.00
1.4	256QAM	6	0	18.01	18.12	18.00	19.00

【LTE Band 12_Ant 1_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23060	23095	23130	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	23.20	23.27	23.10	24.00
10	QPSK	1	25	23.01	23.06	23.01	24.00
10	QPSK	1	49	23.00	23.02	23.00	24.00
10	QPSK	25	0	22.04	22.24	22.02	23.00
10	QPSK	25	12	22.00	22.19	22.01	23.00
10	QPSK	25	25	22.03	22.18	22.00	23.00
10	QPSK	50	0	22.01	22.19	22.01	23.00
10	16QAM	1	0	22.42	22.54	22.28	23.00
10	16QAM	1	25	22.44	22.60	22.33	23.00
10	16QAM	1	49	22.06	22.24	22.00	23.00
10	16QAM	25	0	21.14	21.26	21.08	22.00
10	16QAM	25	12	21.11	21.24	21.00	22.00
10	16QAM	25	25	21.13	21.23	21.00	22.00
10	16QAM	50	0	21.06	21.21	21.00	22.00
10	64QAM	1	0	21.19	21.40	21.18	22.00
10	64QAM	1	25	21.19	21.30	21.08	22.00
10	64QAM	1	49	21.00	21.06	21.00	22.00
10	64QAM	25	0	20.04	20.22	20.00	21.00
10	64QAM	25	12	20.06	20.21	20.02	21.00
10	64QAM	25	25	20.06	20.17	20.00	21.00
10	64QAM	50	0	20.01	20.21	20.00	21.00
10	256QAM	1	0	18.22	18.33	18.15	19.00
10	256QAM	1	25	18.13	18.21	18.03	19.00
10	256QAM	1	49	18.00	18.07	18.00	19.00
10	256QAM	25	0	18.14	18.23	18.05	19.00
10	256QAM	25	12	18.05	18.16	18.00	19.00
10	256QAM	25	25	18.01	18.09	18.00	19.00
10	256QAM	50	0	18.03	18.18	18.00	19.00
Channel				23035	23095	23115	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	23.12	23.15	23.08	24.00
5	QPSK	1	12	23.01	23.00	23.00	24.00
5	QPSK	1	24	23.01	23.00	23.02	24.00
5	QPSK	12	0	22.02	22.16	22.01	23.00
5	QPSK	12	7	22.00	22.13	22.00	23.00
5	QPSK	12	13	22.01	22.08	22.00	23.00
5	QPSK	25	0	22.00	22.06	22.00	23.00
5	16QAM	1	0	22.36	22.45	22.15	23.00
5	16QAM	1	12	22.32	22.59	22.26	23.00
5	16QAM	1	24	22.00	22.18	22.01	23.00
5	16QAM	12	0	21.01	21.19	21.00	22.00
5	16QAM	12	7	21.04	21.13	21.01	22.00
5	16QAM	12	13	21.06	21.14	21.01	22.00
5	16QAM	25	0	21.02	21.08	21.00	22.00
5	64QAM	1	0	21.15	21.29	21.04	22.00
5	64QAM	1	12	21.12	21.25	21.02	22.00
5	64QAM	1	24	21.01	21.00	21.00	22.00
5	64QAM	12	0	20.00	20.10	20.00	21.00
5	64QAM	12	7	20.00	20.17	20.00	21.00
5	64QAM	12	13	20.03	20.09	20.01	21.00
5	64QAM	25	0	20.02	20.13	20.01	21.00
5	256QAM	1	0	18.15	18.28	18.02	19.00
5	256QAM	1	12	18.00	18.14	18.00	19.00
5	256QAM	1	24	18.00	18.03	18.00	19.00
5	256QAM	12	0	18.08	18.20	18.01	19.00
5	256QAM	12	7	18.00	18.14	18.00	19.00
5	256QAM	12	13	18.01	18.01	18.02	19.00
5	256QAM	25	0	18.00	18.08	18.01	19.00
Channel				23025	23095	23165	Tune-up limit (dBm)
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	23.16	23.25	23.04	24.00
3	QPSK	1	8	23.01	23.00	23.00	24.00
3	QPSK	1	14	23.00	23.01	23.01	24.00

3	QPSK	8	0	22.01	22.14	22.00	23.00
3	QPSK	8	4	22.00	22.11	22.01	23.00
3	QPSK	8	7	22.00	22.12	22.00	23.00
3	QPSK	15	0	22.02	22.08	22.01	23.00
3	16QAM	1	0	22.35	22.40	22.24	23.00
3	16QAM	1	8	22.35	22.58	22.23	23.00
3	16QAM	1	14	22.02	22.14	22.00	23.00
3	16QAM	8	0	21.10	21.18	21.00	22.00
3	16QAM	8	4	21.08	21.23	21.02	22.00
3	16QAM	8	7	21.08	21.20	21.00	22.00
3	16QAM	15	0	21.03	21.16	21.01	22.00
3	64QAM	1	0	21.17	21.38	21.09	22.00
3	64QAM	1	8	21.06	21.17	21.01	22.00
3	64QAM	1	14	21.01	21.05	21.00	22.00
3	64QAM	8	0	20.02	20.20	20.01	21.00
3	64QAM	8	4	20.01	20.16	20.00	21.00
3	64QAM	8	7	20.00	20.04	20.01	21.00
3	64QAM	15	0	20.01	20.09	20.00	21.00
3	256QAM	1	0	18.17	18.28	18.12	19.00
3	256QAM	1	8	18.01	18.07	18.02	19.00
3	256QAM	1	14	18.00	18.00	18.01	19.00
3	256QAM	8	0	18.10	18.20	18.00	19.00
3	256QAM	8	4	18.00	18.04	18.01	19.00
3	256QAM	8	7	18.01	18.01	18.01	19.00
3	256QAM	15	0	18.00	18.08	18.01	19.00
Channel				23017	23095	23173	Tune-up limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	23.18	23.26	23.01	24.00
1.4	QPSK	1	3	23.00	23.00	23.00	24.00
1.4	QPSK	1	5	23.02	23.00	23.00	24.00
1.4	QPSK	3	0	23.00	23.14	23.01	24.00
1.4	QPSK	3	1	23.00	23.12	23.00	24.00
1.4	QPSK	3	3	23.00	23.08	23.01	24.00
1.4	QPSK	6	0	22.02	22.10	22.01	23.00
1.4	16QAM	1	0	22.39	22.42	22.19	23.00
1.4	16QAM	1	3	22.42	22.58	22.29	23.00
1.4	16QAM	1	5	22.00	22.18	22.00	23.00
1.4	16QAM	3	0	22.09	22.22	22.00	23.00
1.4	16QAM	3	1	22.01	22.21	22.01	23.00
1.4	16QAM	3	3	22.04	22.10	22.01	23.00
1.4	16QAM	6	0	21.01	21.08	21.01	22.00
1.4	64QAM	1	0	21.12	21.32	21.06	22.00
1.4	64QAM	1	3	21.11	21.23	21.05	22.00
1.4	64QAM	1	5	21.00	21.00	21.00	22.00
1.4	64QAM	3	0	21.00	21.14	21.00	22.00
1.4	64QAM	3	1	21.05	21.08	21.00	22.00
1.4	64QAM	3	3	21.00	21.14	21.00	22.00
1.4	64QAM	6	0	20.02	20.11	20.02	21.00
1.4	256QAM	1	0	18.09	18.21	18.12	19.00
1.4	256QAM	1	3	18.07	18.18	18.00	19.00
1.4	256QAM	1	5	18.00	18.00	18.01	19.00
1.4	256QAM	3	0	18.08	18.19	18.00	19.00
1.4	256QAM	3	1	18.03	18.07	18.02	19.00
1.4	256QAM	3	3	18.00	18.00	18.01	19.00
1.4	256QAM	6	0	18.01	18.12	18.00	19.00

【LTE Band 12_Ant 1_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23060	23095	23130	
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	19.99	20.03	20.01	20.80
10	QPSK	1	25	19.84	19.91	19.83	20.80
10	QPSK	1	49	19.84	19.86	19.99	20.80
10	QPSK	25	0	19.86	20.01	19.99	20.80
10	QPSK	25	12	19.80	19.94	20.01	20.80
10	QPSK	25	25	19.81	19.82	19.86	20.80
10	QPSK	50	0	19.79	19.87	20.02	20.80
10	16QAM	1	0	19.99	19.83	19.90	20.80
10	16QAM	1	25	19.95	19.86	20.01	20.80
10	16QAM	1	49	19.98	19.82	19.96	20.80
10	16QAM	25	0	19.81	19.90	19.89	20.80

10	16QAM	25	12	19.78	19.90	19.90	20.80
10	16QAM	25	25	19.95	19.84	19.98	20.80
10	16QAM	50	0	19.98	19.91	19.89	20.80
10	64QAM	1	0	19.80	19.95	19.81	20.80
10	64QAM	1	25	19.88	19.88	19.90	20.80
10	64QAM	1	49	20.00	19.90	19.85	20.80
10	64QAM	25	0	20.00	19.85	19.93	20.80
10	64QAM	25	12	19.93	19.88	19.97	20.80
10	64QAM	25	25	19.95	20.03	20.01	20.80
10	64QAM	50	0	19.90	19.86	19.89	20.80
10	256QAM	1	0	17.92	18.09	17.93	19.00
10	256QAM	1	25	17.97	18.00	18.02	19.00
10	256QAM	1	49	17.98	18.06	17.89	19.00
10	256QAM	25	0	17.87	17.99	18.08	19.00
10	256QAM	25	12	18.02	17.95	18.01	19.00
10	256QAM	25	25	18.09	18.09	17.90	19.00
10	256QAM	50	0	17.91	17.96	17.95	19.00
Channel				23035	23095	23115	Tune-up limit
Frequency (MHz)				701.5	707.5	713.5	(dBm)
5	QPSK	1	0	19.88	19.98	19.90	20.80
5	QPSK	1	12	19.80	19.87	19.81	20.80
5	QPSK	1	24	19.77	19.72	19.96	20.80
5	QPSK	12	0	19.85	19.94	19.87	20.80
5	QPSK	12	7	19.72	19.87	19.92	20.80
5	QPSK	12	13	19.70	19.79	19.80	20.80
5	QPSK	25	0	19.70	19.79	19.99	20.80
5	16QAM	1	0	19.97	19.70	19.75	20.80
5	16QAM	1	12	19.92	19.75	19.90	20.80
5	16QAM	1	24	19.85	19.77	19.85	20.80
5	16QAM	12	0	19.75	19.84	19.87	20.80
5	16QAM	12	7	19.67	19.77	19.85	20.80
5	16QAM	12	13	19.84	19.71	19.90	20.80
5	16QAM	25	0	19.88	19.77	19.77	20.80
5	64QAM	1	0	19.75	19.86	19.77	20.80
5	64QAM	1	12	19.86	19.77	19.78	20.80
5	64QAM	1	24	19.93	19.80	19.78	20.80
5	64QAM	12	0	19.97	19.82	19.80	20.80
5	64QAM	12	7	19.92	19.86	19.82	20.80
5	64QAM	12	13	19.87	19.97	19.86	20.80
5	64QAM	25	0	19.88	19.77	19.81	20.80
5	256QAM	1	0	17.84	17.99	17.82	19.00
5	256QAM	1	12	17.84	17.90	17.97	19.00
5	256QAM	1	24	17.91	17.97	17.75	19.00
5	256QAM	12	0	17.74	17.90	18.04	19.00
5	256QAM	12	7	17.97	17.82	17.89	19.00
5	256QAM	12	13	17.96	18.05	17.76	19.00
5	256QAM	25	0	17.83	17.90	17.81	19.00
Channel				23025	23095	23165	Tune-up limit
Frequency (MHz)				700.5	707.5	714.5	(dBm)
3	QPSK	1	0	19.86	19.94	19.89	20.80
3	QPSK	1	8	19.70	19.89	19.76	20.80
3	QPSK	1	14	19.72	19.85	19.85	20.80
3	QPSK	8	0	19.72	19.93	19.96	20.80
3	QPSK	8	4	19.76	19.86	19.88	20.80
3	QPSK	8	7	19.71	19.78	19.76	20.80
3	QPSK	15	0	19.76	19.84	19.98	20.80
3	16QAM	1	0	19.97	19.76	19.85	20.80
3	16QAM	1	8	19.88	19.76	19.89	20.80
3	16QAM	1	14	19.88	19.74	19.94	20.80
3	16QAM	8	0	19.68	19.77	19.79	20.80
3	16QAM	8	4	19.69	19.78	19.84	20.80
3	16QAM	8	7	19.82	19.81	19.94	20.80
3	16QAM	15	0	19.91	19.77	19.78	20.80
3	64QAM	1	0	19.69	19.81	19.76	20.80
3	64QAM	1	8	19.82	19.76	19.84	20.80
3	64QAM	1	14	19.91	19.79	19.73	20.80
3	64QAM	8	0	19.88	19.74	19.81	20.80
3	64QAM	8	4	19.78	19.87	19.92	20.80
3	64QAM	8	7	19.86	19.89	20.00	20.80
3	64QAM	15	0	19.79	19.75	19.74	20.80
3	256QAM	1	0	17.79	17.97	17.83	19.00
3	256QAM	1	8	17.83	17.94	17.89	19.00
3	256QAM	1	14	17.96	17.91	17.76	19.00
3	256QAM	8	0	17.82	17.97	18.03	19.00
3	256QAM	8	4	17.97	17.84	17.96	19.00
3	256QAM	8	7	17.97	17.95	17.79	19.00
3	256QAM	15	0	17.76	17.91	17.91	19.00
Channel				23017	23095	23173	Tune-up limit

Frequency (MHz)				699.7	707.5	715.3	(dBm)
1.4	QPSK	1	0	19.96	19.96	19.90	20.80
1.4	QPSK	1	3	19.70	19.81	19.70	20.80
1.4	QPSK	1	5	19.72	19.71	19.93	20.80
1.4	QPSK	3	0	19.84	19.90	19.94	20.80
1.4	QPSK	3	1	19.66	19.81	19.91	20.80
1.4	QPSK	3	3	19.70	19.73	19.74	20.80
1.4	QPSK	6	0	19.66	19.75	19.96	20.80
1.4	16QAM	1	0	19.96	19.69	19.88	20.80
1.4	16QAM	1	3	19.93	19.76	19.97	20.80
1.4	16QAM	1	5	19.90	19.79	19.86	20.80
1.4	16QAM	3	0	19.67	19.77	19.74	20.80
1.4	16QAM	3	1	19.72	19.79	19.81	20.80
1.4	16QAM	3	3	19.86	19.78	19.91	20.80
1.4	16QAM	6	0	19.85	19.78	19.87	20.80
1.4	64QAM	1	0	19.71	19.82	19.75	20.80
1.4	64QAM	1	3	19.82	19.82	19.77	20.80
1.4	64QAM	1	5	19.98	19.84	19.78	20.80
1.4	64QAM	3	0	19.90	19.70	19.81	20.80
1.4	64QAM	3	1	19.87	19.87	19.91	20.80
1.4	64QAM	3	3	19.86	19.91	19.94	20.80
1.4	64QAM	6	0	19.82	19.82	19.77	20.80
1.4	256QAM	1	0	17.90	17.97	17.82	19.00
1.4	256QAM	1	3	17.91	17.92	17.88	19.00
1.4	256QAM	1	5	17.89	18.00	17.87	19.00
1.4	256QAM	3	0	17.80	17.93	17.98	19.00
1.4	256QAM	3	1	17.94	17.81	17.88	19.00
1.4	256QAM	3	3	18.07	18.06	17.78	19.00
1.4	256QAM	6	0	17.90	17.87	17.84	19.00

【LTE Band 13_Ant 0_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23230		Tune-up limit (dBm)
Frequency (MHz)					782		
10	QPSK	1	0		22.84		24.00
10	QPSK	1	25		22.78		24.00
10	QPSK	1	49		22.61		24.00
10	QPSK	25	0		21.88		23.00
10	QPSK	25	12		21.82		23.00
10	QPSK	25	25		21.72		23.00
10	QPSK	50	0		21.72		23.00
10	16QAM	1	0		22.18		23.00
10	16QAM	1	25		22.11		23.00
10	16QAM	1	49		21.99		23.00
10	16QAM	25	0		20.85		22.00
10	16QAM	25	12		20.82		22.00
10	16QAM	25	25		20.77		22.00
10	16QAM	50	0		20.83		22.00
10	64QAM	1	0		21.10		22.00
10	64QAM	1	25		21.00		22.00
10	64QAM	1	49		20.84		22.00
10	64QAM	25	0		19.88		21.00
10	64QAM	25	12		19.72		21.00
10	64QAM	25	25		19.71		21.00
10	64QAM	50	0		19.76		21.00
10	256QAM	1	0		18.00		19.00
10	256QAM	1	25		17.92		19.00
10	256QAM	1	49		17.68		19.00
10	256QAM	25	0		17.81		19.00
10	256QAM	25	12		17.81		19.00
10	256QAM	25	25		17.83		19.00
10	256QAM	50	0		17.11		19.00
Channel				23205	23230	23255	Tune-up limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	22.80	22.81	22.74	24.00
5	QPSK	1	12	22.70	22.73	22.61	24.00
5	QPSK	1	24	22.57	22.63	22.53	24.00
5	QPSK	12	0	21.72	21.84	21.69	23.00
5	QPSK	12	7	21.79	21.82	21.62	23.00
5	QPSK	12	13	21.65	21.72	21.54	23.00
5	QPSK	25	0	21.56	21.66	21.45	23.00

5	16QAM	1	0	22.11	22.20	22.10	23.00
5	16QAM	1	12	21.97	22.09	21.90	23.00
5	16QAM	1	24	21.82	21.94	21.82	23.00
5	16QAM	12	0	20.75	20.81	20.64	22.00
5	16QAM	12	7	20.77	20.83	20.68	22.00
5	16QAM	12	13	20.65	20.77	20.65	22.00
5	16QAM	25	0	20.67	20.78	20.69	22.00
5	64QAM	1	0	21.10	21.13	20.94	22.00
5	64QAM	1	12	20.91	20.95	20.74	22.00
5	64QAM	1	24	20.77	20.85	20.77	22.00
5	64QAM	12	0	19.71	19.86	19.65	21.00
5	64QAM	12	7	19.55	19.67	19.50	21.00
5	64QAM	12	13	19.61	19.73	19.59	21.00
5	64QAM	25	0	19.59	19.74	19.59	21.00
5	256QAM	1	0	17.98	18.01	17.81	19.00
5	256QAM	1	12	17.86	17.91	17.71	19.00
5	256QAM	1	24	17.54	17.62	17.45	19.00
5	256QAM	12	0	17.73	17.78	17.65	19.00
5	256QAM	12	7	17.74	17.82	17.67	19.00
5	256QAM	12	13	17.73	17.81	17.64	19.00
5	256QAM	25	0	17.02	17.09	17.00	19.00

【LTE Band 13_Ant 0_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		22.84		24.00
10	QPSK	1	25		22.78		24.00
10	QPSK	1	49		22.61		24.00
10	QPSK	25	0		21.88		23.00
10	QPSK	25	12		21.82		23.00
10	QPSK	25	25		21.72		23.00
10	QPSK	50	0		21.72		23.00
10	16QAM	1	0		22.18		23.00
10	16QAM	1	25		22.11		23.00
10	16QAM	1	49		21.99		23.00
10	16QAM	25	0		20.85		22.00
10	16QAM	25	12		20.82		22.00
10	16QAM	25	25		20.77		22.00
10	16QAM	50	0		20.83		22.00
10	64QAM	1	0		21.10		22.00
10	64QAM	1	25		21.00		22.00
10	64QAM	1	49		20.84		22.00
10	64QAM	25	0		19.88		21.00
10	64QAM	25	12		19.72		21.00
10	64QAM	25	25		19.71		21.00
10	64QAM	50	0		19.76		21.00
10	256QAM	1	0		18.00		19.00
10	256QAM	1	25		17.92		19.00
10	256QAM	1	49		17.68		19.00
10	256QAM	25	0		17.81		19.00
10	256QAM	25	12		17.81		19.00
10	256QAM	25	25		17.83		19.00
10	256QAM	50	0		17.11		19.00
Channel				23205	23230	23255	Tune-up limit
Frequency (MHz)				779.5	782	784.5	(dBm)
5	QPSK	1	0	22.80	22.81	22.74	24.00
5	QPSK	1	12	22.70	22.73	22.61	24.00
5	QPSK	1	24	22.57	22.63	22.53	24.00
5	QPSK	12	0	21.72	21.84	21.69	23.00
5	QPSK	12	7	21.79	21.82	21.62	23.00
5	QPSK	12	13	21.65	21.72	21.54	23.00
5	QPSK	25	0	21.56	21.66	21.45	23.00
5	16QAM	1	0	22.11	22.20	22.10	23.00
5	16QAM	1	12	21.97	22.09	21.90	23.00
5	16QAM	1	24	21.82	21.94	21.82	23.00
5	16QAM	12	0	20.75	20.81	20.64	22.00
5	16QAM	12	7	20.77	20.83	20.68	22.00
5	16QAM	12	13	20.65	20.77	20.65	22.00
5	16QAM	25	0	20.67	20.78	20.69	22.00
5	64QAM	1	0	21.10	21.13	20.94	22.00

5	64QAM	1	12	20.91	20.95	20.74	22.00
5	64QAM	1	24	20.77	20.85	20.77	22.00
5	64QAM	12	0	19.71	19.86	19.65	21.00
5	64QAM	12	7	19.55	19.67	19.50	21.00
5	64QAM	12	13	19.61	19.73	19.59	21.00
5	64QAM	25	0	19.59	19.74	19.59	21.00
5	256QAM	1	0	17.98	18.01	17.81	19.00
5	256QAM	1	12	17.86	17.91	17.71	19.00
5	256QAM	1	24	17.54	17.62	17.45	19.00
5	256QAM	12	0	17.73	17.78	17.65	19.00
5	256QAM	12	7	17.74	17.82	17.67	19.00
5	256QAM	12	13	17.73	17.81	17.64	19.00
5	256QAM	25	0	17.02	17.09	17.00	19.00

【LTE Band 13_Ant 0_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		22.84		24.00
10	QPSK	1	25		22.78		24.00
10	QPSK	1	49		22.61		24.00
10	QPSK	25	0		21.88		23.00
10	QPSK	25	12		21.82		23.00
10	QPSK	25	25		21.72		23.00
10	QPSK	50	0		21.72		23.00
10	16QAM	1	0		22.18		23.00
10	16QAM	1	25		22.11		23.00
10	16QAM	1	49		21.99		23.00
10	16QAM	25	0		20.85		22.00
10	16QAM	25	12		20.82		22.00
10	16QAM	25	25		20.77		22.00
10	16QAM	50	0		20.83		22.00
10	64QAM	1	0		21.10		22.00
10	64QAM	1	25		21.00		22.00
10	64QAM	1	49		20.84		22.00
10	64QAM	25	0		19.88		21.00
10	64QAM	25	12		19.72		21.00
10	64QAM	25	25		19.71		21.00
10	64QAM	50	0		19.76		21.00
10	256QAM	1	0		18.00		19.00
10	256QAM	1	25		17.92		19.00
10	256QAM	1	49		17.68		19.00
10	256QAM	25	0		17.81		19.00
10	256QAM	25	12		17.81		19.00
10	256QAM	25	25		17.83		19.00
10	256QAM	50	0		17.11		19.00
Channel				23205	23230	23255	
Frequency (MHz)				779.5	782	784.5	Tune-up limit (dBm)
5	QPSK	1	0	22.80	22.81	22.74	24.00
5	QPSK	1	12	22.70	22.73	22.61	24.00
5	QPSK	1	24	22.57	22.63	22.53	24.00
5	QPSK	12	0	21.72	21.84	21.69	23.00
5	QPSK	12	7	21.79	21.82	21.62	23.00
5	QPSK	12	13	21.65	21.72	21.54	23.00
5	QPSK	25	0	21.56	21.66	21.45	23.00
5	16QAM	1	0	22.11	22.20	22.10	23.00
5	16QAM	1	12	21.97	22.09	21.90	23.00
5	16QAM	1	24	21.82	21.94	21.82	23.00
5	16QAM	12	0	20.75	20.81	20.64	22.00
5	16QAM	12	7	20.77	20.83	20.68	22.00
5	16QAM	12	13	20.65	20.77	20.65	22.00
5	16QAM	25	0	20.67	20.78	20.69	22.00
5	64QAM	1	0	21.10	21.13	20.94	22.00
5	64QAM	1	12	20.91	20.95	20.74	22.00
5	64QAM	1	24	20.77	20.85	20.77	22.00
5	64QAM	12	0	19.71	19.86	19.65	21.00
5	64QAM	12	7	19.55	19.67	19.50	21.00
5	64QAM	12	13	19.61	19.73	19.59	21.00
5	64QAM	25	0	19.59	19.74	19.59	21.00
5	256QAM	1	0	17.98	18.01	17.81	19.00
5	256QAM	1	12	17.86	17.91	17.71	19.00

5	256QAM	1	24	17.54	17.62	17.45	19.00
5	256QAM	12	0	17.73	17.78	17.65	19.00
5	256QAM	12	7	17.74	17.82	17.67	19.00
5	256QAM	12	13	17.73	17.81	17.64	19.00
5	256QAM	25	0	17.02	17.09	17.00	19.00

【LTE Band 13_Ant 0_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		22.84		24.00
10	QPSK	1	25		22.78		24.00
10	QPSK	1	49		22.61		24.00
10	QPSK	25	0		21.88		23.00
10	QPSK	25	12		21.82		23.00
10	QPSK	25	25		21.72		23.00
10	QPSK	50	0		21.72		23.00
10	16QAM	1	0		22.18		23.00
10	16QAM	1	25		22.11		23.00
10	16QAM	1	49		21.99		23.00
10	16QAM	25	0		20.85		22.00
10	16QAM	25	12		20.82		22.00
10	16QAM	25	25		20.77		22.00
10	16QAM	50	0		20.83		22.00
10	64QAM	1	0		21.10		22.00
10	64QAM	1	25		21.00		22.00
10	64QAM	1	49		20.84		22.00
10	64QAM	25	0		19.88		21.00
10	64QAM	25	12		19.72		21.00
10	64QAM	25	25		19.71		21.00
10	64QAM	50	0		19.76		21.00
10	256QAM	1	0		18.00		19.00
10	256QAM	1	25		17.92		19.00
10	256QAM	1	49		17.68		19.00
10	256QAM	25	0		17.81		19.00
10	256QAM	25	12		17.81		19.00
10	256QAM	25	25		17.83		19.00
10	256QAM	50	0		17.11		19.00
Channel				23205	23230	23255	
Frequency (MHz)				779.5	782	784.5	Tune-up limit (dBm)
5	QPSK	1	0	22.80	22.81	22.74	24.00
5	QPSK	1	12	22.70	22.73	22.61	24.00
5	QPSK	1	24	22.57	22.63	22.53	24.00
5	QPSK	12	0	21.72	21.84	21.69	23.00
5	QPSK	12	7	21.79	21.82	21.62	23.00
5	QPSK	12	13	21.65	21.72	21.54	23.00
5	QPSK	25	0	21.56	21.66	21.45	23.00
5	16QAM	1	0	22.11	22.20	22.10	23.00
5	16QAM	1	12	21.97	22.09	21.90	23.00
5	16QAM	1	24	21.82	21.94	21.82	23.00
5	16QAM	12	0	20.75	20.81	20.64	22.00
5	16QAM	12	7	20.77	20.83	20.68	22.00
5	16QAM	12	13	20.65	20.77	20.65	22.00
5	16QAM	25	0	20.67	20.78	20.69	22.00
5	64QAM	1	0	21.10	21.13	20.94	22.00
5	64QAM	1	12	20.91	20.95	20.74	22.00
5	64QAM	1	24	20.77	20.85	20.77	22.00
5	64QAM	12	0	19.71	19.86	19.65	21.00
5	64QAM	12	7	19.55	19.67	19.50	21.00
5	64QAM	12	13	19.61	19.73	19.59	21.00
5	64QAM	25	0	19.59	19.74	19.59	21.00
5	256QAM	1	0	17.98	18.01	17.81	19.00
5	256QAM	1	12	17.86	17.91	17.71	19.00
5	256QAM	1	24	17.54	17.62	17.45	19.00
5	256QAM	12	0	17.73	17.78	17.65	19.00
5	256QAM	12	7	17.74	17.82	17.67	19.00
5	256QAM	12	13	17.73	17.81	17.64	19.00
5	256QAM	25	0	17.02	17.09	17.00	19.00

【LTE Band 13_Ant 0_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		22.84		24.00
10	QPSK	1	25		22.78		24.00
10	QPSK	1	49		22.61		24.00
10	QPSK	25	0		21.88		23.00
10	QPSK	25	12		21.82		23.00
10	QPSK	25	25		21.72		23.00
10	QPSK	50	0		21.72		23.00
10	16QAM	1	0		22.18		23.00
10	16QAM	1	25		22.11		23.00
10	16QAM	1	49		21.99		23.00
10	16QAM	25	0		20.85		22.00
10	16QAM	25	12		20.82		22.00
10	16QAM	25	25		20.77		22.00
10	16QAM	50	0		20.83		22.00
10	64QAM	1	0		21.10		22.00
10	64QAM	1	25		21.00		22.00
10	64QAM	1	49		20.84		22.00
10	64QAM	25	0		19.88		21.00
10	64QAM	25	12		19.72		21.00
10	64QAM	25	25		19.71		21.00
10	64QAM	50	0		19.76		21.00
10	256QAM	1	0		18.00		19.00
10	256QAM	1	25		17.92		19.00
10	256QAM	1	49		17.68		19.00
10	256QAM	25	0		17.81		19.00
10	256QAM	25	12		17.81		19.00
10	256QAM	25	25		17.83		19.00
10	256QAM	50	0		17.11		19.00
Channel				23205	23230	23255	Tune-up limit
Frequency (MHz)				779.5	782	784.5	(dBm)
5	QPSK	1	0	22.80	22.81	22.74	24.00
5	QPSK	1	12	22.70	22.73	22.61	24.00
5	QPSK	1	24	22.57	22.63	22.53	24.00
5	QPSK	12	0	21.72	21.84	21.69	23.00
5	QPSK	12	7	21.79	21.82	21.62	23.00
5	QPSK	12	13	21.65	21.72	21.54	23.00
5	QPSK	25	0	21.56	21.66	21.45	23.00
5	16QAM	1	0	22.11	22.20	22.10	23.00
5	16QAM	1	12	21.97	22.09	21.90	23.00
5	16QAM	1	24	21.82	21.94	21.82	23.00
5	16QAM	12	0	20.75	20.81	20.64	22.00
5	16QAM	12	7	20.77	20.83	20.68	22.00
5	16QAM	12	13	20.65	20.77	20.65	22.00
5	16QAM	25	0	20.67	20.78	20.69	22.00
5	64QAM	1	0	21.10	21.13	20.94	22.00
5	64QAM	1	12	20.91	20.95	20.74	22.00
5	64QAM	1	24	20.77	20.85	20.77	22.00
5	64QAM	12	0	19.71	19.86	19.65	21.00
5	64QAM	12	7	19.55	19.67	19.50	21.00
5	64QAM	12	13	19.61	19.73	19.59	21.00
5	64QAM	25	0	19.59	19.74	19.59	21.00
5	256QAM	1	0	17.98	18.01	17.81	19.00
5	256QAM	1	12	17.86	17.91	17.71	19.00
5	256QAM	1	24	17.54	17.62	17.45	19.00
5	256QAM	12	0	17.73	17.78	17.65	19.00
5	256QAM	12	7	17.74	17.82	17.67	19.00
5	256QAM	12	13	17.73	17.81	17.64	19.00
5	256QAM	25	0	17.02	17.09	17.00	19.00

【LTE Band 13_Ant 0_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		22.84		24.00
10	QPSK	1	25		22.78		24.00
10	QPSK	1	49		22.61		24.00
10	QPSK	25	0		21.88		23.00
10	QPSK	25	12		21.82		23.00
10	QPSK	25	25		21.72		23.00
10	QPSK	50	0		21.72		23.00
10	16QAM	1	0		22.18		23.00
10	16QAM	1	25		22.11		23.00
10	16QAM	1	49		21.99		23.00
10	16QAM	25	0		20.85		22.00
10	16QAM	25	12		20.82		22.00
10	16QAM	25	25		20.77		22.00
10	16QAM	50	0		20.83		22.00
10	64QAM	1	0		21.10		22.00
10	64QAM	1	25		21.00		22.00
10	64QAM	1	49		20.84		22.00
10	64QAM	25	0		19.88		21.00
10	64QAM	25	12		19.72		21.00
10	64QAM	25	25		19.71		21.00
10	64QAM	50	0		19.76		21.00
10	256QAM	1	0		18.00		19.00
10	256QAM	1	25		17.92		19.00
10	256QAM	1	49		17.68		19.00
10	256QAM	25	0		17.81		19.00
10	256QAM	25	12		17.81		19.00
10	256QAM	25	25		17.83		19.00
10	256QAM	50	0		17.11		19.00
Channel				23205	23230	23255	Tune-up limit
Frequency (MHz)				779.5	782	784.5	(dBm)
5	QPSK	1	0	22.80	22.81	22.74	24.00
5	QPSK	1	12	22.70	22.73	22.61	24.00
5	QPSK	1	24	22.57	22.63	22.53	24.00
5	QPSK	12	0	21.72	21.84	21.69	23.00
5	QPSK	12	7	21.79	21.82	21.62	23.00
5	QPSK	12	13	21.65	21.72	21.54	23.00
5	QPSK	25	0	21.56	21.66	21.45	23.00
5	16QAM	1	0	22.11	22.20	22.10	23.00
5	16QAM	1	12	21.97	22.09	21.90	23.00
5	16QAM	1	24	21.82	21.94	21.82	23.00
5	16QAM	12	0	20.75	20.81	20.64	22.00
5	16QAM	12	7	20.77	20.83	20.68	22.00
5	16QAM	12	13	20.65	20.77	20.65	22.00
5	16QAM	25	0	20.67	20.78	20.69	22.00
5	64QAM	1	0	21.10	21.13	20.94	22.00
5	64QAM	1	12	20.91	20.95	20.74	22.00
5	64QAM	1	24	20.77	20.85	20.77	22.00
5	64QAM	12	0	19.71	19.86	19.65	21.00
5	64QAM	12	7	19.55	19.67	19.50	21.00
5	64QAM	12	13	19.61	19.73	19.59	21.00
5	64QAM	25	0	19.59	19.74	19.59	21.00
5	256QAM	1	0	17.98	18.01	17.81	19.00
5	256QAM	1	12	17.86	17.91	17.71	19.00
5	256QAM	1	24	17.54	17.62	17.45	19.00
5	256QAM	12	0	17.73	17.78	17.65	19.00
5	256QAM	12	7	17.74	17.82	17.67	19.00
5	256QAM	12	13	17.73	17.81	17.64	19.00
5	256QAM	25	0	17.02	17.09	17.00	19.00

【LTE Band 13_Ant 1_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		23.15		24.00
10	QPSK	1	25		23.12		24.00
10	QPSK	1	49		23.01		24.00
10	QPSK	25	0		22.13		23.00
10	QPSK	25	12		22.11		23.00
10	QPSK	25	25		22.12		23.00
10	QPSK	50	0		22.06		23.00
10	16QAM	1	0		22.27		23.00
10	16QAM	1	25		22.40		23.00
10	16QAM	1	49		22.22		23.00
10	16QAM	25	0		21.15		22.00
10	16QAM	25	12		21.10		22.00
10	16QAM	25	25		21.14		22.00
10	16QAM	50	0		21.08		22.00
10	64QAM	1	0		21.38		22.00
10	64QAM	1	25		21.21		22.00
10	64QAM	1	49		21.06		22.00
10	64QAM	25	0		20.05		21.00
10	64QAM	25	12		20.06		21.00
10	64QAM	25	25		20.12		21.00
10	64QAM	50	0		20.17		21.00
10	256QAM	1	0		18.06		19.00
10	256QAM	1	25		18.29		19.00
10	256QAM	1	49		18.19		19.00
10	256QAM	25	0		18.12		19.00
10	256QAM	25	12		18.17		19.00
10	256QAM	25	25		18.20		19.00
10	256QAM	50	0		18.19		19.00
Channel				23205	23230	23255	Tune-up limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	23.05	23.05	22.97	24.00
5	QPSK	1	12	22.88	22.98	22.85	24.00
5	QPSK	1	24	22.83	22.86	22.68	24.00
5	QPSK	12	0	21.90	22.00	21.83	23.00
5	QPSK	12	7	21.87	21.95	21.84	23.00
5	QPSK	12	13	21.97	22.02	21.86	23.00
5	QPSK	25	0	21.95	21.97	21.79	23.00
5	16QAM	1	0	22.07	22.19	21.97	23.00
5	16QAM	1	12	22.15	22.24	22.08	23.00
5	16QAM	1	24	21.94	22.07	21.86	23.00
5	16QAM	12	0	20.99	21.02	20.93	22.00
5	16QAM	12	7	20.89	20.96	20.80	22.00
5	16QAM	12	13	20.90	20.98	20.79	22.00
5	16QAM	25	0	20.78	20.93	20.82	22.00
5	64QAM	1	0	21.19	21.25	21.12	22.00
5	64QAM	1	12	20.92	21.04	20.85	22.00
5	64QAM	1	24	20.83	20.91	20.74	22.00
5	64QAM	12	0	19.84	19.89	19.81	21.00
5	64QAM	12	7	19.83	19.92	19.78	21.00
5	64QAM	12	13	19.98	20.01	19.84	21.00
5	64QAM	25	0	19.93	20.07	19.94	21.00
5	256QAM	1	0	17.91	17.98	17.81	19.00
5	256QAM	1	12	18.09	18.19	18.07	19.00
5	256QAM	1	24	18.04	18.10	18.03	19.00
5	256QAM	12	0	17.94	17.99	17.83	19.00
5	256QAM	12	7	17.96	18.02	17.93	19.00
5	256QAM	12	13	17.90	18.04	17.92	19.00
5	256QAM	25	0	18.02	18.11	17.97	19.00

【LTE Band 13_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					23230		
Frequency (MHz)					782		
10	QPSK	1	0		22.36		23.70
10	QPSK	1	25		22.32		23.70
10	QPSK	1	49		22.31		23.70
10	QPSK	25	0		22.27		23.00
10	QPSK	25	12		22.23		23.00

10	QPSK	25	25		22.23		23.00
10	QPSK	50	0		22.25		23.00
10	16QAM	1	0		22.18		23.00
10	16QAM	1	25		22.24		23.00
10	16QAM	1	49		22.22		23.00
10	16QAM	25	0		21.38		22.00
10	16QAM	25	12		21.41		22.00
10	16QAM	25	25		21.36		22.00
10	16QAM	50	0		21.30		22.00
10	64QAM	1	0		21.32		22.00
10	64QAM	1	25		21.41		22.00
10	64QAM	1	49		21.35		22.00
10	64QAM	25	0		20.29		21.00
10	64QAM	25	12		20.31		21.00
10	64QAM	25	25		20.39		21.00
10	64QAM	50	0		20.41		21.00
10	256QAM	1	0		18.01		19.00
10	256QAM	1	25		18.15		19.00
10	256QAM	1	49		18.11		19.00
10	256QAM	25	0		18.07		19.00
10	256QAM	25	12		18.09		19.00
10	256QAM	25	25		18.13		19.00
10	256QAM	50	0		18.12		19.00
Channel				23205	23230	23255	Tune-up limit
Frequency (MHz)				779.5	782	784.5	(dBm)
5	QPSK	1	0	22.18	22.28	22.21	23.70
5	QPSK	1	12	21.99	22.15	22.03	23.70
5	QPSK	1	24	22.00	22.25	22.14	23.70
5	QPSK	12	0	21.94	22.11	21.96	23.00
5	QPSK	12	7	21.85	21.98	21.86	23.00
5	QPSK	12	13	21.01	21.01	21.01	23.00
5	QPSK	25	0	21.74	21.93	21.80	23.00
5	16QAM	1	0	21.84	22.05	21.84	23.00
5	16QAM	1	12	21.91	22.13	21.96	23.00
5	16QAM	1	24	21.83	22.00	21.91	23.00
5	16QAM	12	0	20.93	21.05	20.91	22.00
5	16QAM	12	7	20.97	21.11	20.95	22.00
5	16QAM	12	13	20.86	20.97	20.81	22.00
5	16QAM	25	0	20.81	20.99	20.91	22.00
5	64QAM	1	0	20.99	21.15	20.98	22.00
5	64QAM	1	12	20.92	21.03	20.87	22.00
5	64QAM	1	24	20.78	20.98	20.87	22.00
5	64QAM	12	0	19.76	19.97	19.80	21.00
5	64QAM	12	7	19.72	19.95	19.77	21.00
5	64QAM	12	13	19.89	20.01	19.86	21.00
5	64QAM	25	0	19.92	20.02	19.86	21.00
5	256QAM	1	0	17.83	18.02	17.86	19.00
5	256QAM	1	12	17.85	17.97	17.89	19.00
5	256QAM	1	24	17.87	18.05	17.93	19.00
5	256QAM	12	0	17.76	17.93	17.83	19.00
5	256QAM	12	7	17.83	17.95	17.76	19.00
5	256QAM	12	13	17.83	18.01	17.90	19.00
5	256QAM	25	0	17.90	17.99	17.91	19.00

【LTE Band 13_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					23230		
Frequency (MHz)					782		
10	QPSK	1	0		20.01		21.10
10	QPSK	1	25		19.98		21.10
10	QPSK	1	49		19.89		21.10
10	QPSK	25	0		19.98		21.10
10	QPSK	25	12		19.89		21.10
10	QPSK	25	25		19.93		21.10
10	QPSK	50	0		19.99		21.10
10	16QAM	1	0		19.87		21.10
10	16QAM	1	25		19.89		21.10
10	16QAM	1	49		19.81		21.10
10	16QAM	25	0		19.96		21.10
10	16QAM	25	12		19.80		21.10
10	16QAM	25	25		19.98		21.10

10	16QAM	50	0		19.94		21.10
10	64QAM	1	0		19.84		21.10
10	64QAM	1	25		19.91		21.10
10	64QAM	1	49		19.95		21.10
10	64QAM	25	0		19.87		21.00
10	64QAM	25	12		19.85		21.00
10	64QAM	25	25		19.79		21.00
10	64QAM	50	0		19.85		21.00
10	256QAM	1	0		18.12		19.00
10	256QAM	1	25		18.00		19.00
10	256QAM	1	49		18.11		19.00
10	256QAM	25	0		18.06		19.00
10	256QAM	25	12		18.09		19.00
10	256QAM	25	25		18.15		19.00
10	256QAM	50	0		18.04		19.00
Channel				23205	23230	23255	Tune-up limit
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	19.93	20.00	19.97	21.10
5	QPSK	1	12	19.85	19.99	19.89	21.10
5	QPSK	1	24	19.70	19.86	19.76	21.10
5	QPSK	12	0	19.77	19.91	19.85	21.10
5	QPSK	12	7	19.84	19.94	19.80	21.10
5	QPSK	12	13	19.67	19.82	19.74	21.10
5	QPSK	25	0	19.63	19.85	19.79	21.10
5	16QAM	1	0	19.64	19.80	19.66	21.10
5	16QAM	1	12	19.75	19.95	19.80	21.10
5	16QAM	1	24	19.83	19.92	19.75	21.10
5	16QAM	12	0	19.64	19.85	19.80	21.10
5	16QAM	12	7	19.69	19.82	19.67	21.10
5	16QAM	12	13	19.70	19.91	19.74	21.10
5	16QAM	25	0	19.76	19.86	19.78	21.10
5	64QAM	1	0	19.59	19.79	19.69	21.10
5	64QAM	1	12	19.72	19.86	19.72	21.10
5	64QAM	1	24	19.67	19.80	19.75	21.10
5	64QAM	12	0	19.62	19.80	19.69	21.00
5	64QAM	12	7	19.80	19.89	19.81	21.00
5	64QAM	12	13	19.83	20.00	19.94	21.00
5	64QAM	25	0	19.72	19.87	19.77	21.00
5	256QAM	1	0	17.87	18.01	17.85	19.00
5	256QAM	1	12	17.91	18.05	17.95	19.00
5	256QAM	1	24	17.90	18.03	17.95	19.00
5	256QAM	12	0	17.88	17.99	17.85	19.00
5	256QAM	12	7	17.87	18.06	17.97	19.00
5	256QAM	12	13	17.80	18.01	17.97	19.00
5	256QAM	25	0	17.91	18.02	17.87	19.00

【LTE Band 13_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					23230		
Frequency (MHz)					782		
10	QPSK	1	0		23.15		24.00
10	QPSK	1	25		23.12		24.00
10	QPSK	1	49		23.01		24.00
10	QPSK	25	0		22.13		23.00
10	QPSK	25	12		22.11		23.00
10	QPSK	25	25		22.12		23.00
10	QPSK	50	0		22.06		23.00
10	16QAM	1	0		22.27		23.00
10	16QAM	1	25		22.40		23.00
10	16QAM	1	49		22.22		23.00
10	16QAM	25	0		21.15		22.00
10	16QAM	25	12		21.10		22.00
10	16QAM	25	25		21.14		22.00
10	16QAM	50	0		21.08		22.00
10	64QAM	1	0		21.38		22.00
10	64QAM	1	25		21.21		22.00
10	64QAM	1	49		21.06		22.00
10	64QAM	25	0		20.05		21.00
10	64QAM	25	12		20.06		21.00
10	64QAM	25	25		20.12		21.00
10	64QAM	50	0		20.17		21.00

10	256QAM	1	0		18.06		19.00
10	256QAM	1	25		18.29		19.00
10	256QAM	1	49		18.19		19.00
10	256QAM	25	0		18.12		19.00
10	256QAM	25	12		18.17		19.00
10	256QAM	25	25		18.20		19.00
10	256QAM	50	0		18.19		19.00
Channel				23205	23230	23255	Tune-up limit
Frequency (MHz)				779.5	782	784.5	(dBm)
5	QPSK	1	0	23.05	23.05	22.97	24.00
5	QPSK	1	12	22.88	22.98	22.85	24.00
5	QPSK	1	24	22.83	22.86	22.68	24.00
5	QPSK	12	0	21.90	22.00	21.83	23.00
5	QPSK	12	7	21.87	21.95	21.84	23.00
5	QPSK	12	13	21.97	22.02	21.86	23.00
5	QPSK	25	0	21.95	21.97	21.79	23.00
5	16QAM	1	0	22.07	22.19	21.97	23.00
5	16QAM	1	12	22.15	22.24	22.08	23.00
5	16QAM	1	24	21.94	22.07	21.86	23.00
5	16QAM	12	0	20.99	21.02	20.93	22.00
5	16QAM	12	7	20.89	20.96	20.80	22.00
5	16QAM	12	13	20.90	20.98	20.79	22.00
5	16QAM	25	0	20.78	20.93	20.82	22.00
5	64QAM	1	0	21.19	21.25	21.12	22.00
5	64QAM	1	12	20.92	21.04	20.85	22.00
5	64QAM	1	24	20.83	20.91	20.74	22.00
5	64QAM	12	0	19.84	19.89	19.81	21.00
5	64QAM	12	7	19.83	19.92	19.78	21.00
5	64QAM	12	13	19.98	20.01	19.84	21.00
5	64QAM	25	0	19.93	20.07	19.94	21.00
5	256QAM	1	0	17.91	17.98	17.81	19.00
5	256QAM	1	12	18.09	18.19	18.07	19.00
5	256QAM	1	24	18.04	18.10	18.03	19.00
5	256QAM	12	0	17.94	17.99	17.83	19.00
5	256QAM	12	7	17.96	18.02	17.93	19.00
5	256QAM	12	13	17.90	18.04	17.92	19.00
5	256QAM	25	0	18.02	18.11	17.97	19.00

【LTE Band 13_Ant 1_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		23.15		24.00
10	QPSK	1	25		23.12		24.00
10	QPSK	1	49		23.01		24.00
10	QPSK	25	0		22.13		23.00
10	QPSK	25	12		22.11		23.00
10	QPSK	25	25		22.12		23.00
10	QPSK	50	0		22.06		23.00
10	16QAM	1	0		22.27		23.00
10	16QAM	1	25		22.40		23.00
10	16QAM	1	49		22.22		23.00
10	16QAM	25	0		21.15		22.00
10	16QAM	25	12		21.10		22.00
10	16QAM	25	25		21.14		22.00
10	16QAM	50	0		21.08		22.00
10	64QAM	1	0		21.38		22.00
10	64QAM	1	25		21.21		22.00
10	64QAM	1	49		21.06		22.00
10	64QAM	25	0		20.05		21.00
10	64QAM	25	12		20.06		21.00
10	64QAM	25	25		20.12		21.00
10	64QAM	50	0		20.17		21.00
10	256QAM	1	0		18.06		19.00
10	256QAM	1	25		18.29		19.00
10	256QAM	1	49		18.19		19.00
10	256QAM	25	0		18.12		19.00
10	256QAM	25	12		18.17		19.00
10	256QAM	25	25		18.20		19.00
10	256QAM	50	0		18.19		19.00
Channel				23205	23230	23255	Tune-up limit

Frequency (MHz)				779.5	782	784.5	(dBm)
5	QPSK	1	0	23.05	23.05	22.97	24.00
5	QPSK	1	12	22.88	22.98	22.85	24.00
5	QPSK	1	24	22.83	22.86	22.68	24.00
5	QPSK	12	0	21.90	22.00	21.83	23.00
5	QPSK	12	7	21.87	21.95	21.84	23.00
5	QPSK	12	13	21.97	22.02	21.86	23.00
5	QPSK	25	0	21.95	21.97	21.79	23.00
5	16QAM	1	0	22.07	22.19	21.97	23.00
5	16QAM	1	12	22.15	22.24	22.08	23.00
5	16QAM	1	24	21.94	22.07	21.86	23.00
5	16QAM	12	0	20.99	21.02	20.93	22.00
5	16QAM	12	7	20.89	20.96	20.80	22.00
5	16QAM	12	13	20.90	20.98	20.79	22.00
5	16QAM	25	0	20.78	20.93	20.82	22.00
5	64QAM	1	0	21.19	21.25	21.12	22.00
5	64QAM	1	12	20.92	21.04	20.85	22.00
5	64QAM	1	24	20.83	20.91	20.74	22.00
5	64QAM	12	0	19.84	19.89	19.81	21.00
5	64QAM	12	7	19.83	19.92	19.78	21.00
5	64QAM	12	13	19.98	20.01	19.84	21.00
5	64QAM	25	0	19.93	20.07	19.94	21.00
5	256QAM	1	0	17.91	17.98	17.81	19.00
5	256QAM	1	12	18.09	18.19	18.07	19.00
5	256QAM	1	24	18.04	18.10	18.03	19.00
5	256QAM	12	0	17.94	17.99	17.83	19.00
5	256QAM	12	7	17.96	18.02	17.93	19.00
5	256QAM	12	13	17.90	18.04	17.92	19.00
5	256QAM	25	0	18.02	18.11	17.97	19.00

【LTE Band 13_Ant 1_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23230		Tune-up limit (dBm)
Frequency (MHz)					782		
10	QPSK	1	0		18.65		19.40
10	QPSK	1	25		18.50		19.40
10	QPSK	1	49		18.54		19.40
10	QPSK	25	0		18.63		19.40
10	QPSK	25	12		18.49		19.40
10	QPSK	25	25		18.56		19.40
10	QPSK	50	0		18.52		19.40
10	16QAM	1	0		18.43		19.40
10	16QAM	1	25		18.53		19.40
10	16QAM	1	49		18.55		19.40
10	16QAM	25	0		18.44		19.40
10	16QAM	25	12		18.53		19.40
10	16QAM	25	25		18.51		19.40
10	16QAM	50	0		18.41		19.40
10	64QAM	1	0		18.42		19.40
10	64QAM	1	25		18.64		19.40
10	64QAM	1	49		18.58		19.40
10	64QAM	25	0		18.58		19.40
10	64QAM	25	12		18.47		19.40
10	64QAM	25	25		18.42		19.40
10	64QAM	50	0		18.57		19.40
10	256QAM	1	0		18.05		19.00
10	256QAM	1	25		18.13		19.00
10	256QAM	1	49		18.14		19.00
10	256QAM	25	0		18.07		19.00
10	256QAM	25	12		18.11		19.00
10	256QAM	25	25		18.15		19.00
10	256QAM	50	0		18.06		19.00
Channel				23205	23230	23255	Tune-up limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	18.60	18.40	18.41	19.40
5	QPSK	1	12	18.51	18.46	18.52	19.40
5	QPSK	1	24	18.46	18.49	18.62	19.40
5	QPSK	12	0	18.44	18.41	18.41	19.40
5	QPSK	12	7	18.51	18.50	18.43	19.40
5	QPSK	12	13	18.43	18.60	18.45	19.40
5	QPSK	25	0	18.50	18.56	18.56	19.40

5	16QAM	1	0	18.47	18.58	18.55	19.40
5	16QAM	1	12	18.59	18.52	18.53	19.40
5	16QAM	1	24	18.45	18.45	18.48	19.40
5	16QAM	12	0	18.49	18.58	18.52	19.40
5	16QAM	12	7	18.54	18.43	18.50	19.40
5	16QAM	12	13	18.44	18.46	18.47	19.40
5	16QAM	25	0	18.55	18.50	18.43	19.40
5	64QAM	1	0	18.44	18.60	18.43	19.40
5	64QAM	1	12	18.52	18.47	18.42	19.40
5	64QAM	1	24	18.51	18.62	18.45	19.40
5	64QAM	12	0	18.51	18.40	18.57	19.40
5	64QAM	12	7	18.46	18.55	18.56	19.40
5	64QAM	12	13	18.57	18.54	18.60	19.40
5	64QAM	25	0	18.48	18.49	18.59	19.40
5	256QAM	1	0	18.15	18.01	18.00	19.00
5	256QAM	1	12	18.18	18.03	17.97	19.00
5	256QAM	1	24	18.05	17.99	17.88	19.00
5	256QAM	12	0	18.10	18.03	17.91	19.00
5	256QAM	12	7	18.08	18.00	17.87	19.00
5	256QAM	12	13	18.13	17.96	17.94	19.00
5	256QAM	25	0	18.11	18.01	17.96	19.00

【LTE Band 17_Ant 0_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23780	23790	23800	Tune-up limit (dBm)
Frequency (MHz)				709	710	711	
10	QPSK	1	0	23.16	23.17	23.04	24.00
10	QPSK	1	25	23.04	23.14	23.00	24.00
10	QPSK	1	49	23.00	23.00	23.01	24.00
10	QPSK	25	0	22.10	22.17	22.01	23.00
10	QPSK	25	12	22.09	22.11	22.00	23.00
10	QPSK	25	25	22.01	22.15	22.00	23.00
10	QPSK	50	0	22.06	22.10	22.01	23.00
10	16QAM	1	0	22.16	22.21	22.00	23.00
10	16QAM	1	25	22.25	22.29	22.11	23.00
10	16QAM	1	49	22.14	22.26	22.03	23.00
10	16QAM	25	0	21.07	21.17	21.00	22.00
10	16QAM	25	12	21.02	21.16	21.00	22.00
10	16QAM	25	25	21.11	21.17	21.01	22.00
10	16QAM	50	0	21.00	21.09	21.02	22.00
10	64QAM	1	0	21.12	21.21	21.01	22.00
10	64QAM	1	25	21.18	21.30	21.11	22.00
10	64QAM	1	49	21.02	21.17	21.00	22.00
10	64QAM	25	0	20.05	20.15	20.00	21.00
10	64QAM	25	12	20.13	20.16	20.01	21.00
10	64QAM	25	25	20.08	20.19	20.00	21.00
10	64QAM	50	0	20.10	20.12	20.00	21.00
10	256QAM	1	0	18.20	18.24	18.12	19.00
10	256QAM	1	25	18.28	18.31	18.14	19.00
10	256QAM	1	49	18.04	18.19	18.00	19.00
10	256QAM	25	0	18.13	18.15	18.01	19.00
10	256QAM	25	12	18.04	18.12	18.01	19.00
10	256QAM	25	25	18.13	18.17	18.04	19.00
10	256QAM	50	0	18.00	18.10	18.00	19.00
Channel				23755	23790	23825	Tune-up limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	23.14	23.04	23.00	24.00
5	QPSK	1	12	23.01	23.05	23.00	24.00
5	QPSK	1	24	23.01	23.00	23.01	24.00
5	QPSK	12	0	22.01	22.14	22.02	23.00
5	QPSK	12	7	22.00	22.09	22.02	23.00
5	QPSK	12	13	22.00	22.05	22.00	23.00
5	QPSK	25	0	22.02	22.02	22.00	23.00
5	16QAM	1	0	22.03	22.15	22.00	23.00
5	16QAM	1	12	22.23	22.26	22.00	23.00
5	16QAM	1	24	22.11	22.18	22.00	23.00
5	16QAM	12	0	21.01	21.13	21.01	22.00
5	16QAM	12	7	21.00	21.11	21.00	22.00
5	16QAM	12	13	21.02	21.16	21.01	22.00
5	16QAM	25	0	21.00	21.00	21.01	22.00
5	64QAM	1	0	21.11	21.07	21.00	22.00

5	64QAM	1	12	21.04	21.17	21.04	22.00
5	64QAM	1	24	21.00	21.12	21.00	22.00
5	64QAM	12	0	20.02	20.09	20.00	21.00
5	64QAM	12	7	20.09	20.11	20.00	21.00
5	64QAM	12	13	20.05	20.14	20.00	21.00
5	64QAM	25	0	20.08	20.04	20.02	21.00
5	256QAM	1	0	18.16	18.11	18.05	19.00
5	256QAM	1	12	18.23	18.22	18.08	19.00
5	256QAM	1	24	18.00	18.05	18.01	19.00
5	256QAM	12	0	18.10	18.00	18.01	19.00
5	256QAM	12	7	18.00	18.02	18.02	19.00
5	256QAM	12	13	18.03	18.13	18.02	19.00
5	256QAM	25	0	18.01	18.05	18.01	19.00

【LTE Band 17_Ant 0_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23780	23790	23800	Tune-up limit (dBm)
Frequency (MHz)				709	710	711	
10	QPSK	1	0	23.16	23.17	23.04	24.00
10	QPSK	1	25	23.04	23.14	23.00	24.00
10	QPSK	1	49	23.00	23.00	23.01	24.00
10	QPSK	25	0	22.10	22.17	22.01	23.00
10	QPSK	25	12	22.09	22.11	22.00	23.00
10	QPSK	25	25	22.01	22.15	22.00	23.00
10	QPSK	50	0	22.06	22.10	22.01	23.00
10	16QAM	1	0	22.16	22.21	22.00	23.00
10	16QAM	1	25	22.25	22.29	22.11	23.00
10	16QAM	1	49	22.14	22.26	22.03	23.00
10	16QAM	25	0	21.07	21.17	21.00	22.00
10	16QAM	25	12	21.02	21.16	21.00	22.00
10	16QAM	25	25	21.11	21.17	21.01	22.00
10	16QAM	50	0	21.00	21.09	21.02	22.00
10	64QAM	1	0	21.12	21.21	21.01	22.00
10	64QAM	1	25	21.18	21.30	21.11	22.00
10	64QAM	1	49	21.02	21.17	21.00	22.00
10	64QAM	25	0	20.05	20.15	20.00	21.00
10	64QAM	25	12	20.13	20.16	20.01	21.00
10	64QAM	25	25	20.08	20.19	20.00	21.00
10	64QAM	50	0	20.10	20.12	20.00	21.00
10	256QAM	1	0	18.20	18.24	18.12	19.00
10	256QAM	1	25	18.28	18.31	18.14	19.00
10	256QAM	1	49	18.04	18.19	18.00	19.00
10	256QAM	25	0	18.13	18.15	18.01	19.00
10	256QAM	25	12	18.04	18.12	18.01	19.00
10	256QAM	25	25	18.13	18.17	18.04	19.00
10	256QAM	50	0	18.00	18.10	18.00	19.00
Channel				23755	23790	23825	Tune-up limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	23.14	23.04	23.00	24.00
5	QPSK	1	12	23.01	23.05	23.00	24.00
5	QPSK	1	24	23.01	23.00	23.01	24.00
5	QPSK	12	0	22.01	22.14	22.02	23.00
5	QPSK	12	7	22.00	22.09	22.02	23.00
5	QPSK	12	13	22.00	22.05	22.00	23.00
5	QPSK	25	0	22.02	22.02	22.00	23.00
5	16QAM	1	0	22.03	22.15	22.00	23.00
5	16QAM	1	12	22.23	22.26	22.00	23.00
5	16QAM	1	24	22.11	22.18	22.00	23.00
5	16QAM	12	0	21.01	21.13	21.01	22.00
5	16QAM	12	7	21.00	21.11	21.00	22.00
5	16QAM	12	13	21.02	21.16	21.01	22.00
5	16QAM	25	0	21.00	21.00	21.01	22.00
5	64QAM	1	0	21.11	21.07	21.00	22.00
5	64QAM	1	12	21.04	21.17	21.04	22.00
5	64QAM	1	24	21.00	21.12	21.00	22.00
5	64QAM	12	0	20.02	20.09	20.00	21.00
5	64QAM	12	7	20.09	20.11	20.00	21.00
5	64QAM	12	13	20.05	20.14	20.00	21.00
5	64QAM	25	0	20.08	20.04	20.02	21.00
5	256QAM	1	0	18.16	18.11	18.05	19.00
5	256QAM	1	12	18.23	18.22	18.08	19.00

5	256QAM	1	24	18.00	18.05	18.01	19.00
5	256QAM	12	0	18.10	18.00	18.01	19.00
5	256QAM	12	7	18.00	18.02	18.02	19.00
5	256QAM	12	13	18.03	18.13	18.02	19.00
5	256QAM	25	0	18.01	18.05	18.01	19.00

【LTE Band 17_Ant 0_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23780	23790	23800	Tune-up limit (dBm)
Frequency (MHz)				709	710	711	
10	QPSK	1	0	23.16	23.17	23.04	24.00
10	QPSK	1	25	23.04	23.14	23.00	24.00
10	QPSK	1	49	23.00	23.00	23.01	24.00
10	QPSK	25	0	22.10	22.17	22.01	23.00
10	QPSK	25	12	22.09	22.11	22.00	23.00
10	QPSK	25	25	22.01	22.15	22.00	23.00
10	QPSK	50	0	22.06	22.10	22.01	23.00
10	16QAM	1	0	22.16	22.21	22.00	23.00
10	16QAM	1	25	22.25	22.29	22.11	23.00
10	16QAM	1	49	22.14	22.26	22.03	23.00
10	16QAM	25	0	21.07	21.17	21.00	22.00
10	16QAM	25	12	21.02	21.16	21.00	22.00
10	16QAM	25	25	21.11	21.17	21.01	22.00
10	16QAM	50	0	21.00	21.09	21.02	22.00
10	64QAM	1	0	21.12	21.21	21.01	22.00
10	64QAM	1	25	21.18	21.30	21.11	22.00
10	64QAM	1	49	21.02	21.17	21.00	22.00
10	64QAM	25	0	20.05	20.15	20.00	21.00
10	64QAM	25	12	20.13	20.16	20.01	21.00
10	64QAM	25	25	20.08	20.19	20.00	21.00
10	64QAM	50	0	20.10	20.12	20.00	21.00
10	256QAM	1	0	18.20	18.24	18.12	19.00
10	256QAM	1	25	18.28	18.31	18.14	19.00
10	256QAM	1	49	18.04	18.19	18.00	19.00
10	256QAM	25	0	18.13	18.15	18.01	19.00
10	256QAM	25	12	18.04	18.12	18.01	19.00
10	256QAM	25	25	18.13	18.17	18.04	19.00
10	256QAM	50	0	18.00	18.10	18.00	19.00
Channel				23755	23790	23825	Tune-up limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	23.14	23.04	23.00	24.00
5	QPSK	1	12	23.01	23.05	23.00	24.00
5	QPSK	1	24	23.01	23.00	23.01	24.00
5	QPSK	12	0	22.01	22.14	22.02	23.00
5	QPSK	12	7	22.00	22.09	22.02	23.00
5	QPSK	12	13	22.00	22.05	22.00	23.00
5	QPSK	25	0	22.02	22.02	22.00	23.00
5	16QAM	1	0	22.03	22.15	22.00	23.00
5	16QAM	1	12	22.23	22.26	22.00	23.00
5	16QAM	1	24	22.11	22.18	22.00	23.00
5	16QAM	12	0	21.01	21.13	21.01	22.00
5	16QAM	12	7	21.00	21.11	21.00	22.00
5	16QAM	12	13	21.02	21.16	21.01	22.00
5	16QAM	25	0	21.00	21.00	21.01	22.00
5	64QAM	1	0	21.11	21.07	21.00	22.00
5	64QAM	1	12	21.04	21.17	21.04	22.00
5	64QAM	1	24	21.00	21.12	21.00	22.00
5	64QAM	12	0	20.02	20.09	20.00	21.00
5	64QAM	12	7	20.09	20.11	20.00	21.00
5	64QAM	12	13	20.05	20.14	20.00	21.00
5	64QAM	25	0	20.08	20.04	20.02	21.00
5	256QAM	1	0	18.16	18.11	18.05	19.00
5	256QAM	1	12	18.23	18.22	18.08	19.00
5	256QAM	1	24	18.00	18.05	18.01	19.00
5	256QAM	12	0	18.10	18.00	18.01	19.00
5	256QAM	12	7	18.00	18.02	18.02	19.00
5	256QAM	12	13	18.03	18.13	18.02	19.00
5	256QAM	25	0	18.01	18.05	18.01	19.00

【LTE Band 17_Ant 0_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23780	23790	23800	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	23.16	23.17	23.04	24.00
10	QPSK	1	25	23.04	23.14	23.00	24.00
10	QPSK	1	49	23.00	23.00	23.01	24.00
10	QPSK	25	0	22.10	22.17	22.01	23.00
10	QPSK	25	12	22.09	22.11	22.00	23.00
10	QPSK	25	25	22.01	22.15	22.00	23.00
10	QPSK	50	0	22.06	22.10	22.01	23.00
10	16QAM	1	0	22.16	22.21	22.00	23.00
10	16QAM	1	25	22.25	22.29	22.11	23.00
10	16QAM	1	49	22.14	22.26	22.03	23.00
10	16QAM	25	0	21.07	21.17	21.00	22.00
10	16QAM	25	12	21.02	21.16	21.00	22.00
10	16QAM	25	25	21.11	21.17	21.01	22.00
10	16QAM	50	0	21.00	21.09	21.02	22.00
10	64QAM	1	0	21.12	21.21	21.01	22.00
10	64QAM	1	25	21.18	21.30	21.11	22.00
10	64QAM	1	49	21.02	21.17	21.00	22.00
10	64QAM	25	0	20.05	20.15	20.00	21.00
10	64QAM	25	12	20.13	20.16	20.01	21.00
10	64QAM	25	25	20.08	20.19	20.00	21.00
10	64QAM	50	0	20.10	20.12	20.00	21.00
10	256QAM	1	0	18.20	18.24	18.12	19.00
10	256QAM	1	25	18.28	18.31	18.14	19.00
10	256QAM	1	49	18.04	18.19	18.00	19.00
10	256QAM	25	0	18.13	18.15	18.01	19.00
10	256QAM	25	12	18.04	18.12	18.01	19.00
10	256QAM	25	25	18.13	18.17	18.04	19.00
10	256QAM	50	0	18.00	18.10	18.00	19.00
Channel				23755	23790	23825	
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	23.14	23.04	23.00	24.00
5	QPSK	1	12	23.01	23.05	23.00	24.00
5	QPSK	1	24	23.01	23.00	23.01	24.00
5	QPSK	12	0	22.01	22.14	22.02	23.00
5	QPSK	12	7	22.00	22.09	22.02	23.00
5	QPSK	12	13	22.00	22.05	22.00	23.00
5	QPSK	25	0	22.02	22.02	22.00	23.00
5	16QAM	1	0	22.03	22.15	22.00	23.00
5	16QAM	1	12	22.23	22.26	22.00	23.00
5	16QAM	1	24	22.11	22.18	22.00	23.00
5	16QAM	12	0	21.01	21.13	21.01	22.00
5	16QAM	12	7	21.00	21.11	21.00	22.00
5	16QAM	12	13	21.02	21.16	21.01	22.00
5	16QAM	25	0	21.00	21.00	21.01	22.00
5	64QAM	1	0	21.11	21.07	21.00	22.00
5	64QAM	1	12	21.04	21.17	21.04	22.00
5	64QAM	1	24	21.00	21.12	21.00	22.00
5	64QAM	12	0	20.02	20.09	20.00	21.00
5	64QAM	12	7	20.09	20.11	20.00	21.00
5	64QAM	12	13	20.05	20.14	20.00	21.00
5	64QAM	25	0	20.08	20.04	20.02	21.00
5	256QAM	1	0	18.16	18.11	18.05	19.00
5	256QAM	1	12	18.23	18.22	18.08	19.00
5	256QAM	1	24	18.00	18.05	18.01	19.00
5	256QAM	12	0	18.10	18.00	18.01	19.00
5	256QAM	12	7	18.00	18.02	18.02	19.00
5	256QAM	12	13	18.03	18.13	18.02	19.00
5	256QAM	25	0	18.01	18.05	18.01	19.00

【LTE Band 17_Ant 0_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23780	23790	23800	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	23.16	23.17	23.04	24.00
10	QPSK	1	25	23.04	23.14	23.00	24.00
10	QPSK	1	49	23.00	23.00	23.01	24.00
10	QPSK	25	0	22.10	22.17	22.01	23.00
10	QPSK	25	12	22.09	22.11	22.00	23.00
10	QPSK	25	25	22.01	22.15	22.00	23.00
10	QPSK	50	0	22.06	22.10	22.01	23.00
10	16QAM	1	0	22.16	22.21	22.00	23.00
10	16QAM	1	25	22.25	22.29	22.11	23.00
10	16QAM	1	49	22.14	22.26	22.03	23.00
10	16QAM	25	0	21.07	21.17	21.00	22.00
10	16QAM	25	12	21.02	21.16	21.00	22.00
10	16QAM	25	25	21.11	21.17	21.01	22.00
10	16QAM	50	0	21.00	21.09	21.02	22.00
10	64QAM	1	0	21.12	21.21	21.01	22.00
10	64QAM	1	25	21.18	21.30	21.11	22.00
10	64QAM	1	49	21.02	21.17	21.00	22.00
10	64QAM	25	0	20.05	20.15	20.00	21.00
10	64QAM	25	12	20.13	20.16	20.01	21.00
10	64QAM	25	25	20.08	20.19	20.00	21.00
10	64QAM	50	0	20.10	20.12	20.00	21.00
10	256QAM	1	0	18.20	18.24	18.12	19.00
10	256QAM	1	25	18.28	18.31	18.14	19.00
10	256QAM	1	49	18.04	18.19	18.00	19.00
10	256QAM	25	0	18.13	18.15	18.01	19.00
10	256QAM	25	12	18.04	18.12	18.01	19.00
10	256QAM	25	25	18.13	18.17	18.04	19.00
10	256QAM	50	0	18.00	18.10	18.00	19.00
Channel				23755	23790	23825	Tune-up limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	23.14	23.04	23.00	24.00
5	QPSK	1	12	23.01	23.05	23.00	24.00
5	QPSK	1	24	23.01	23.00	23.01	24.00
5	QPSK	12	0	22.01	22.14	22.02	23.00
5	QPSK	12	7	22.00	22.09	22.02	23.00
5	QPSK	12	13	22.00	22.05	22.00	23.00
5	QPSK	25	0	22.02	22.02	22.00	23.00
5	16QAM	1	0	22.03	22.15	22.00	23.00
5	16QAM	1	12	22.23	22.26	22.00	23.00
5	16QAM	1	24	22.11	22.18	22.00	23.00
5	16QAM	12	0	21.01	21.13	21.01	22.00
5	16QAM	12	7	21.00	21.11	21.00	22.00
5	16QAM	12	13	21.02	21.16	21.01	22.00
5	16QAM	25	0	21.00	21.00	21.01	22.00
5	64QAM	1	0	21.11	21.07	21.00	22.00
5	64QAM	1	12	21.04	21.17	21.04	22.00
5	64QAM	1	24	21.00	21.12	21.00	22.00
5	64QAM	12	0	20.02	20.09	20.00	21.00
5	64QAM	12	7	20.09	20.11	20.00	21.00
5	64QAM	12	13	20.05	20.14	20.00	21.00
5	64QAM	25	0	20.08	20.04	20.02	21.00
5	256QAM	1	0	18.16	18.11	18.05	19.00
5	256QAM	1	12	18.23	18.22	18.08	19.00
5	256QAM	1	24	18.00	18.05	18.01	19.00
5	256QAM	12	0	18.10	18.00	18.01	19.00
5	256QAM	12	7	18.00	18.02	18.02	19.00
5	256QAM	12	13	18.03	18.13	18.02	19.00
5	256QAM	25	0	18.01	18.05	18.01	19.00

【LTE Band 17_Ant 0_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23780	23790	23800	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	23.16	23.17	23.04	24.00
10	QPSK	1	25	23.04	23.14	23.00	24.00
10	QPSK	1	49	23.00	23.00	23.01	24.00
10	QPSK	25	0	22.10	22.17	22.01	23.00

10	QPSK	25	12	22.09	22.11	22.00	23.00
10	QPSK	25	25	22.01	22.15	22.00	23.00
10	QPSK	50	0	22.06	22.10	22.01	23.00
10	16QAM	1	0	22.16	22.21	22.00	23.00
10	16QAM	1	25	22.25	22.29	22.11	23.00
10	16QAM	1	49	22.14	22.26	22.03	23.00
10	16QAM	25	0	21.07	21.17	21.00	22.00
10	16QAM	25	12	21.02	21.16	21.00	22.00
10	16QAM	25	25	21.11	21.17	21.01	22.00
10	16QAM	50	0	21.00	21.09	21.02	22.00
10	64QAM	1	0	21.12	21.21	21.01	22.00
10	64QAM	1	25	21.18	21.30	21.11	22.00
10	64QAM	1	49	21.02	21.17	21.00	22.00
10	64QAM	25	0	20.05	20.15	20.00	21.00
10	64QAM	25	12	20.13	20.16	20.01	21.00
10	64QAM	25	25	20.08	20.19	20.00	21.00
10	64QAM	50	0	20.10	20.12	20.00	21.00
10	256QAM	1	0	18.20	18.24	18.12	19.00
10	256QAM	1	25	18.28	18.31	18.14	19.00
10	256QAM	1	49	18.04	18.19	18.00	19.00
10	256QAM	25	0	18.13	18.15	18.01	19.00
10	256QAM	25	12	18.04	18.12	18.01	19.00
10	256QAM	25	25	18.13	18.17	18.04	19.00
10	256QAM	50	0	18.00	18.10	18.00	19.00
Channel				23755	23790	23825	Tune-up limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	23.14	23.04	23.00	24.00
5	QPSK	1	12	23.01	23.05	23.00	24.00
5	QPSK	1	24	23.01	23.00	23.01	24.00
5	QPSK	12	0	22.01	22.14	22.02	23.00
5	QPSK	12	7	22.00	22.09	22.02	23.00
5	QPSK	12	13	22.00	22.05	22.00	23.00
5	QPSK	25	0	22.02	22.02	22.00	23.00
5	16QAM	1	0	22.03	22.15	22.00	23.00
5	16QAM	1	12	22.23	22.26	22.00	23.00
5	16QAM	1	24	22.11	22.18	22.00	23.00
5	16QAM	12	0	21.01	21.13	21.01	22.00
5	16QAM	12	7	21.00	21.11	21.00	22.00
5	16QAM	12	13	21.02	21.16	21.01	22.00
5	16QAM	25	0	21.00	21.00	21.01	22.00
5	64QAM	1	0	21.11	21.07	21.00	22.00
5	64QAM	1	12	21.04	21.17	21.04	22.00
5	64QAM	1	24	21.00	21.12	21.00	22.00
5	64QAM	12	0	20.02	20.09	20.00	21.00
5	64QAM	12	7	20.09	20.11	20.00	21.00
5	64QAM	12	13	20.05	20.14	20.00	21.00
5	64QAM	25	0	20.08	20.04	20.02	21.00
5	256QAM	1	0	18.16	18.11	18.05	19.00
5	256QAM	1	12	18.23	18.22	18.08	19.00
5	256QAM	1	24	18.00	18.05	18.01	19.00
5	256QAM	12	0	18.10	18.00	18.01	19.00
5	256QAM	12	7	18.00	18.02	18.02	19.00
5	256QAM	12	13	18.03	18.13	18.02	19.00
5	256QAM	25	0	18.01	18.05	18.01	19.00

【LTE Band 17_Ant 1_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23780	23790	23800	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	23.04	23.22	23.08	24.00
10	QPSK	1	25	22.84	23.09	22.89	24.00
10	QPSK	1	49	22.62	22.93	22.66	24.00
10	QPSK	25	0	21.84	22.15	21.90	23.00
10	QPSK	25	12	21.86	22.13	21.90	23.00
10	QPSK	25	25	21.87	22.07	21.81	23.00
10	QPSK	50	0	21.76	22.04	21.87	23.00
10	16QAM	1	0	22.12	22.34	22.19	23.00
10	16QAM	1	25	21.98	22.18	22.00	23.00
10	16QAM	1	49	21.89	22.15	21.87	23.00
10	16QAM	25	0	20.82	21.13	20.90	22.00
10	16QAM	25	12	20.84	21.15	20.89	22.00

10	16QAM	25	25	20.82	21.08	20.93	22.00
10	16QAM	50	0	20.76	21.07	20.91	22.00
10	64QAM	1	0	21.05	21.27	21.12	22.00
10	64QAM	1	25	21.02	21.26	21.11	22.00
10	64QAM	1	49	20.83	21.11	20.86	22.00
10	64QAM	25	0	19.88	20.10	19.86	21.00
10	64QAM	25	12	19.93	20.11	19.88	21.00
10	64QAM	25	25	19.86	20.06	19.83	21.00
10	64QAM	50	0	19.97	20.15	19.94	21.00
10	256QAM	1	0	17.97	18.24	18.02	19.00
10	256QAM	1	25	18.09	18.25	18.10	19.00
10	256QAM	1	49	17.81	18.04	17.86	19.00
10	256QAM	25	0	17.95	18.12	17.95	19.00
10	256QAM	25	12	17.81	18.06	17.86	19.00
10	256QAM	25	25	17.77	18.02	17.85	19.00
10	256QAM	50	0	17.89	18.08	17.88	19.00
Channel				23755	23790	23825	Tune-up limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	22.99	23.14	22.98	24.00
5	QPSK	1	12	22.71	22.94	22.78	24.00
5	QPSK	1	24	22.50	22.78	22.54	24.00
5	QPSK	12	0	21.74	22.13	21.82	23.00
5	QPSK	12	7	21.78	21.99	21.85	23.00
5	QPSK	12	13	21.76	22.03	21.68	23.00
5	QPSK	25	0	21.62	21.99	21.79	23.00
5	16QAM	1	0	22.07	22.28	22.16	23.00
5	16QAM	1	12	21.84	22.07	21.95	23.00
5	16QAM	1	24	21.86	22.06	21.80	23.00
5	16QAM	12	0	20.78	20.98	20.87	22.00
5	16QAM	12	7	20.74	21.07	20.75	22.00
5	16QAM	12	13	20.72	20.99	20.83	22.00
5	16QAM	25	0	20.63	21.03	20.77	22.00
5	64QAM	1	0	20.92	21.24	20.99	22.00
5	64QAM	1	12	20.90	21.22	20.97	22.00
5	64QAM	1	24	20.74	20.96	20.80	22.00
5	64QAM	12	0	19.76	20.07	19.72	21.00
5	64QAM	12	7	19.91	20.09	19.76	21.00
5	64QAM	12	13	19.79	20.01	19.74	21.00
5	64QAM	25	0	19.82	20.06	19.87	21.00
5	256QAM	1	0	17.86	18.14	17.89	19.00
5	256QAM	1	12	18.06	18.10	18.00	19.00
5	256QAM	1	24	17.79	17.96	17.71	19.00
5	256QAM	12	0	17.92	18.07	17.88	19.00
5	256QAM	12	7	17.66	18.00	17.77	19.00
5	256QAM	12	13	17.62	17.90	17.73	19.00
5	256QAM	25	0	17.88	17.93	17.75	19.00

【LTE Band 17_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				23780	23790	23800	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	23.04	23.22	23.08	24.00
10	QPSK	1	25	22.84	23.09	22.89	24.00
10	QPSK	1	49	22.62	22.93	22.66	24.00
10	QPSK	25	0	21.84	22.15	21.90	23.00
10	QPSK	25	12	21.86	22.13	21.90	23.00
10	QPSK	25	25	21.87	22.07	21.81	23.00
10	QPSK	50	0	21.76	22.04	21.87	23.00
10	16QAM	1	0	22.12	22.34	22.19	23.00
10	16QAM	1	25	21.98	22.18	22.00	23.00
10	16QAM	1	49	21.89	22.15	21.87	23.00
10	16QAM	25	0	20.82	21.13	20.90	22.00
10	16QAM	25	12	20.84	21.15	20.89	22.00
10	16QAM	25	25	20.82	21.08	20.93	22.00
10	16QAM	50	0	20.76	21.07	20.91	22.00
10	64QAM	1	0	21.05	21.27	21.12	22.00
10	64QAM	1	25	21.02	21.26	21.11	22.00
10	64QAM	1	49	20.83	21.11	20.86	22.00
10	64QAM	25	0	19.88	20.10	19.86	21.00
10	64QAM	25	12	19.93	20.11	19.88	21.00
10	64QAM	25	25	19.86	20.06	19.83	21.00

10	64QAM	50	0	19.97	20.15	19.94	21.00
10	256QAM	1	0	17.97	18.24	18.02	19.00
10	256QAM	1	25	18.09	18.25	18.10	19.00
10	256QAM	1	49	17.81	18.04	17.86	19.00
10	256QAM	25	0	17.95	18.12	17.95	19.00
10	256QAM	25	12	17.81	18.06	17.86	19.00
10	256QAM	25	25	17.77	18.02	17.85	19.00
10	256QAM	50	0	17.89	18.08	17.88	19.00
Channel				23755	23790	23825	Tune-up limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	22.99	23.14	22.98	24.00
5	QPSK	1	12	22.71	22.94	22.78	24.00
5	QPSK	1	24	22.50	22.78	22.54	24.00
5	QPSK	12	0	21.74	22.13	21.82	23.00
5	QPSK	12	7	21.78	21.99	21.85	23.00
5	QPSK	12	13	21.76	22.03	21.68	23.00
5	QPSK	25	0	21.62	21.99	21.79	23.00
5	16QAM	1	0	22.07	22.28	22.16	23.00
5	16QAM	1	12	21.84	22.07	21.95	23.00
5	16QAM	1	24	21.86	22.06	21.80	23.00
5	16QAM	12	0	20.78	20.98	20.87	22.00
5	16QAM	12	7	20.74	21.07	20.75	22.00
5	16QAM	12	13	20.72	20.99	20.83	22.00
5	16QAM	25	0	20.63	21.03	20.77	22.00
5	64QAM	1	0	20.92	21.24	20.99	22.00
5	64QAM	1	12	20.90	21.22	20.97	22.00
5	64QAM	1	24	20.74	20.96	20.80	22.00
5	64QAM	12	0	19.76	20.07	19.72	21.00
5	64QAM	12	7	19.91	20.09	19.76	21.00
5	64QAM	12	13	19.79	20.01	19.74	21.00
5	64QAM	25	0	19.82	20.06	19.87	21.00
5	256QAM	1	0	17.86	18.14	17.89	19.00
5	256QAM	1	12	18.06	18.10	18.00	19.00
5	256QAM	1	24	17.79	17.96	17.71	19.00
5	256QAM	12	0	17.92	18.07	17.88	19.00
5	256QAM	12	7	17.66	18.00	17.77	19.00
5	256QAM	12	13	17.62	17.90	17.73	19.00
5	256QAM	25	0	17.88	17.93	17.75	19.00

【LTE Band 17_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				23780	23790	23800	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	22.37	22.40	22.39	23.20
10	QPSK	1	25	22.10	22.27	22.22	23.20
10	QPSK	1	49	22.18	22.25	22.19	23.20
10	QPSK	25	0	22.07	22.14	21.99	23.00
10	QPSK	25	12	21.91	22.08	22.05	23.00
10	QPSK	25	25	21.97	22.09	21.94	23.00
10	QPSK	50	0	21.89	22.01	21.91	23.00
10	16QAM	1	0	22.02	22.12	22.00	23.00
10	16QAM	1	25	21.97	22.13	22.00	23.00
10	16QAM	1	49	21.98	22.05	22.00	23.00
10	16QAM	25	0	21.10	21.15	21.06	22.00
10	16QAM	25	12	20.97	21.14	21.03	22.00
10	16QAM	25	25	20.97	21.09	20.96	22.00
10	16QAM	50	0	21.00	21.17	21.06	22.00
10	64QAM	1	0	21.02	21.15	21.05	22.00
10	64QAM	1	25	21.09	21.16	21.13	22.00
10	64QAM	1	49	21.15	21.20	21.13	22.00
10	64QAM	25	0	19.98	20.09	19.93	21.00
10	64QAM	25	12	19.92	20.07	20.03	21.00
10	64QAM	25	25	19.85	20.03	19.87	21.00
10	64QAM	50	0	19.94	20.06	19.98	21.00
10	256QAM	1	0	18.08	18.12	17.96	19.00
10	256QAM	1	25	18.01	18.15	18.06	19.00
10	256QAM	1	49	17.95	18.01	17.87	19.00
10	256QAM	25	0	17.98	18.11	17.97	19.00
10	256QAM	25	12	17.91	18.01	17.98	19.00
10	256QAM	25	25	17.98	18.03	17.97	19.00
10	256QAM	50	0	17.93	18.05	17.91	19.00

Channel				23755	23790	23825	Tune-up limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	22.32	22.37	22.35	23.20
5	QPSK	1	12	22.04	22.26	22.11	23.20
5	QPSK	1	24	22.13	22.22	22.07	23.20
5	QPSK	12	0	21.92	22.03	21.86	23.00
5	QPSK	12	7	21.81	22.03	21.98	23.00
5	QPSK	12	13	21.84	22.02	21.84	23.00
5	QPSK	25	0	21.78	21.93	21.80	23.00
5	16QAM	1	0	22.01	22.11	21.90	23.00
5	16QAM	1	12	21.90	22.05	21.86	23.00
5	16QAM	1	24	21.88	22.00	21.97	23.00
5	16QAM	12	0	21.07	21.02	21.01	22.00
5	16QAM	12	7	20.88	21.11	20.94	22.00
5	16QAM	12	13	20.93	21.03	20.95	22.00
5	16QAM	25	0	20.90	21.13	20.93	22.00
5	64QAM	1	0	20.88	21.10	20.99	22.00
5	64QAM	1	12	21.07	21.04	21.02	22.00
5	64QAM	1	24	21.06	21.12	21.03	22.00
5	64QAM	12	0	19.91	20.00	19.82	21.00
5	64QAM	12	7	19.84	19.99	19.88	21.00
5	64QAM	12	13	19.76	19.93	19.74	21.00
5	64QAM	25	0	19.86	19.97	19.86	21.00
5	256QAM	1	0	17.96	17.99	17.89	19.00
5	256QAM	1	12	17.93	18.01	17.96	19.00
5	256QAM	1	24	17.85	17.95	17.72	19.00
5	256QAM	12	0	17.93	18.06	17.85	19.00
5	256QAM	12	7	17.77	17.93	17.95	19.00
5	256QAM	12	13	17.90	18.01	17.85	19.00
5	256QAM	25	0	17.80	18.01	17.86	19.00

【LTE Band 17_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				23780	23790	23800	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	23.04	23.22	23.08	24.00
10	QPSK	1	25	22.84	23.09	22.89	24.00
10	QPSK	1	49	22.62	22.93	22.66	24.00
10	QPSK	25	0	21.84	22.15	21.90	23.00
10	QPSK	25	12	21.86	22.13	21.90	23.00
10	QPSK	25	25	21.87	22.07	21.81	23.00
10	QPSK	50	0	21.76	22.04	21.87	23.00
10	16QAM	1	0	22.12	22.34	22.19	23.00
10	16QAM	1	25	21.98	22.18	22.00	23.00
10	16QAM	1	49	21.89	22.15	21.87	23.00
10	16QAM	25	0	20.82	21.13	20.90	22.00
10	16QAM	25	12	20.84	21.15	20.89	22.00
10	16QAM	25	25	20.82	21.08	20.93	22.00
10	16QAM	50	0	20.76	21.07	20.91	22.00
10	64QAM	1	0	21.05	21.27	21.12	22.00
10	64QAM	1	25	21.02	21.26	21.11	22.00
10	64QAM	1	49	20.83	21.11	20.86	22.00
10	64QAM	25	0	19.88	20.10	19.86	21.00
10	64QAM	25	12	19.93	20.11	19.88	21.00
10	64QAM	25	25	19.86	20.06	19.83	21.00
10	64QAM	50	0	19.97	20.15	19.94	21.00
10	256QAM	1	0	17.97	18.24	18.02	19.00
10	256QAM	1	25	18.09	18.25	18.10	19.00
10	256QAM	1	49	17.81	18.04	17.86	19.00
10	256QAM	25	0	17.95	18.12	17.95	19.00
10	256QAM	25	12	17.81	18.06	17.86	19.00
10	256QAM	25	25	17.77	18.02	17.85	19.00
10	256QAM	50	0	17.89	18.08	17.88	19.00
Channel				23755	23790	23825	Tune-up limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	22.99	23.14	22.98	24.00
5	QPSK	1	12	22.71	22.94	22.78	24.00
5	QPSK	1	24	22.50	22.78	22.54	24.00
5	QPSK	12	0	21.74	22.13	21.82	23.00
5	QPSK	12	7	21.78	21.99	21.85	23.00
5	QPSK	12	13	21.76	22.03	21.68	23.00

5	QPSK	25	0	21.62	21.99	21.79	23.00
5	16QAM	1	0	22.07	22.28	22.16	23.00
5	16QAM	1	12	21.84	22.07	21.95	23.00
5	16QAM	1	24	21.86	22.06	21.80	23.00
5	16QAM	12	0	20.78	20.98	20.87	22.00
5	16QAM	12	7	20.74	21.07	20.75	22.00
5	16QAM	12	13	20.72	20.99	20.83	22.00
5	16QAM	25	0	20.63	21.03	20.77	22.00
5	64QAM	1	0	20.92	21.24	20.99	22.00
5	64QAM	1	12	20.90	21.22	20.97	22.00
5	64QAM	1	24	20.74	20.96	20.80	22.00
5	64QAM	12	0	19.76	20.07	19.72	21.00
5	64QAM	12	7	19.91	20.09	19.76	21.00
5	64QAM	12	13	19.79	20.01	19.74	21.00
5	64QAM	25	0	19.82	20.06	19.87	21.00
5	256QAM	1	0	17.86	18.14	17.89	19.00
5	256QAM	1	12	18.06	18.10	18.00	19.00
5	256QAM	1	24	17.79	17.96	17.71	19.00
5	256QAM	12	0	17.92	18.07	17.88	19.00
5	256QAM	12	7	17.66	18.00	17.77	19.00
5	256QAM	12	13	17.62	17.90	17.73	19.00
5	256QAM	25	0	17.88	17.93	17.75	19.00

【LTE Band 17_Ant 1_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23780	23790	23800	Tune-up limit (dBm)
Frequency (MHz)				709	710	711	
10	QPSK	1	0	23.04	23.22	23.08	24.00
10	QPSK	1	25	22.84	23.09	22.89	24.00
10	QPSK	1	49	22.62	22.93	22.66	24.00
10	QPSK	25	0	21.84	22.15	21.90	23.00
10	QPSK	25	12	21.86	22.13	21.90	23.00
10	QPSK	25	25	21.87	22.07	21.81	23.00
10	QPSK	50	0	21.76	22.04	21.87	23.00
10	16QAM	1	0	22.12	22.34	22.19	23.00
10	16QAM	1	25	21.98	22.18	22.00	23.00
10	16QAM	1	49	21.89	22.15	21.87	23.00
10	16QAM	25	0	20.82	21.13	20.90	22.00
10	16QAM	25	12	20.84	21.15	20.89	22.00
10	16QAM	25	25	20.82	21.08	20.93	22.00
10	16QAM	50	0	20.76	21.07	20.91	22.00
10	64QAM	1	0	21.05	21.27	21.12	22.00
10	64QAM	1	25	21.02	21.26	21.11	22.00
10	64QAM	1	49	20.83	21.11	20.86	22.00
10	64QAM	25	0	19.88	20.10	19.86	21.00
10	64QAM	25	12	19.93	20.11	19.88	21.00
10	64QAM	25	25	19.86	20.06	19.83	21.00
10	64QAM	50	0	19.97	20.15	19.94	21.00
10	256QAM	1	0	17.97	18.24	18.02	19.00
10	256QAM	1	25	18.09	18.25	18.10	19.00
10	256QAM	1	49	17.81	18.04	17.86	19.00
10	256QAM	25	0	17.95	18.12	17.95	19.00
10	256QAM	25	12	17.81	18.06	17.86	19.00
10	256QAM	25	25	17.77	18.02	17.85	19.00
10	256QAM	50	0	17.89	18.08	17.88	19.00
Channel				23755	23790	23825	Tune-up limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	22.99	23.14	22.98	24.00
5	QPSK	1	12	22.71	22.94	22.78	24.00
5	QPSK	1	24	22.50	22.78	22.54	24.00
5	QPSK	12	0	21.74	22.13	21.82	23.00
5	QPSK	12	7	21.78	21.99	21.85	23.00
5	QPSK	12	13	21.76	22.03	21.68	23.00
5	QPSK	25	0	21.62	21.99	21.79	23.00
5	16QAM	1	0	22.07	22.28	22.16	23.00
5	16QAM	1	12	21.84	22.07	21.95	23.00
5	16QAM	1	24	21.86	22.06	21.80	23.00
5	16QAM	12	0	20.78	20.98	20.87	22.00
5	16QAM	12	7	20.74	21.07	20.75	22.00
5	16QAM	12	13	20.72	20.99	20.83	22.00
5	16QAM	25	0	20.63	21.03	20.77	22.00

5	64QAM	1	0	20.92	21.24	20.99	22.00
5	64QAM	1	12	20.90	21.22	20.97	22.00
5	64QAM	1	24	20.74	20.96	20.80	22.00
5	64QAM	12	0	19.76	20.07	19.72	21.00
5	64QAM	12	7	19.91	20.09	19.76	21.00
5	64QAM	12	13	19.79	20.01	19.74	21.00
5	64QAM	25	0	19.82	20.06	19.87	21.00
5	256QAM	1	0	17.86	18.14	17.89	19.00
5	256QAM	1	12	18.06	18.10	18.00	19.00
5	256QAM	1	24	17.79	17.96	17.71	19.00
5	256QAM	12	0	17.92	18.07	17.88	19.00
5	256QAM	12	7	17.66	18.00	17.77	19.00
5	256QAM	12	13	17.62	17.90	17.73	19.00
5	256QAM	25	0	17.88	17.93	17.75	19.00

【LTE Band 17_Ant 1_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23780	23790	23800	Tune-up limit (dBm)
Frequency (MHz)				709	710	711	
10	QPSK	1	0	19.93	20.10	20.02	20.80
10	QPSK	1	25	19.77	20.06	19.81	20.80
10	QPSK	1	49	19.86	19.97	20.02	20.80
10	QPSK	25	0	19.78	20.04	19.81	20.80
10	QPSK	25	12	19.76	20.00	20.02	20.80
10	QPSK	25	25	19.84	19.98	19.97	20.80
10	QPSK	50	0	19.75	19.89	19.93	20.80
10	16QAM	1	0	19.95	20.01	19.82	20.80
10	16QAM	1	25	19.90	20.03	20.03	20.80
10	16QAM	1	49	19.84	19.96	19.86	20.80
10	16QAM	25	0	19.85	20.09	19.84	20.80
10	16QAM	25	12	19.91	20.00	19.90	20.80
10	16QAM	25	25	19.74	19.88	19.95	20.80
10	16QAM	50	0	19.88	20.01	19.92	20.80
10	64QAM	1	0	19.95	19.93	19.98	20.80
10	64QAM	1	25	19.93	20.03	19.97	20.80
10	64QAM	1	49	19.91	20.01	19.83	20.80
10	64QAM	25	0	19.80	20.07	20.03	20.80
10	64QAM	25	12	19.94	20.11	19.90	20.80
10	64QAM	25	25	19.95	19.90	19.90	20.80
10	64QAM	50	0	19.78	20.07	20.01	20.80
10	256QAM	1	0	17.97	18.14	18.05	19.00
10	256QAM	1	25	17.98	18.15	17.99	19.00
10	256QAM	1	49	17.78	18.01	17.87	19.00
10	256QAM	25	0	17.78	17.98	17.77	19.00
10	256QAM	25	12	17.80	18.03	17.90	19.00
10	256QAM	25	25	17.84	18.01	17.87	19.00
10	256QAM	50	0	17.69	17.95	17.75	19.00
Channel				23755	23790	23825	Tune-up limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	19.88	20.07	20.01	20.80
5	QPSK	1	12	19.65	20.04	19.73	20.80
5	QPSK	1	24	19.79	19.85	19.96	20.80
5	QPSK	12	0	19.65	19.98	19.73	20.80
5	QPSK	12	7	19.68	19.92	20.00	20.80
5	QPSK	12	13	19.82	19.90	19.83	20.80
5	QPSK	25	0	19.64	19.74	19.90	20.80
5	16QAM	1	0	19.80	19.91	19.71	20.80
5	16QAM	1	12	19.77	19.97	19.95	20.80
5	16QAM	1	24	19.73	19.82	19.83	20.80
5	16QAM	12	0	19.77	20.04	19.75	20.80
5	16QAM	12	7	19.79	19.94	19.88	20.80
5	16QAM	12	13	19.60	19.83	19.83	20.80
5	16QAM	25	0	19.80	19.90	19.80	20.80
5	64QAM	1	0	19.87	19.92	19.88	20.80
5	64QAM	1	12	19.82	19.90	19.89	20.80
5	64QAM	1	24	19.87	19.93	19.71	20.80
5	64QAM	12	0	19.77	19.94	19.95	20.80
5	64QAM	12	7	19.84	19.97	19.79	20.80
5	64QAM	12	13	19.94	19.76	19.84	20.80
5	64QAM	25	0	19.66	20.02	19.88	20.80
5	256QAM	1	0	17.89	18.11	18.03	19.00

5	256QAM	1	12	17.90	18.01	17.95	19.00
5	256QAM	1	24	17.72	17.88	17.82	19.00
5	256QAM	12	0	17.66	17.88	17.65	19.00
5	256QAM	12	7	17.73	17.88	17.79	19.00
5	256QAM	12	13	17.73	17.98	17.83	19.00
5	256QAM	25	0	17.56	17.89	17.62	19.00

【LTE Band 26_FCC (814~849MHz)_Ant 0_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26765	26865	26965	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	22.93	23.10	22.96	24.00
15	QPSK	1	37	22.70	22.97	22.70	24.00
15	QPSK	1	74	22.78	23.09	22.81	24.00
15	QPSK	36	0	21.81	22.10	21.95	23.00
15	QPSK	36	20	21.84	22.04	21.80	23.00
15	QPSK	36	39	21.85	22.04	21.77	23.00
15	QPSK	75	0	21.79	22.01	21.78	23.00
15	16QAM	1	0	21.68	21.89	21.69	23.00
15	16QAM	1	37	21.87	22.16	21.92	23.00
15	16QAM	1	74	22.04	22.27	22.06	23.00
15	16QAM	36	0	20.74	20.92	20.72	22.00
15	16QAM	36	20	20.74	20.99	20.83	22.00
15	16QAM	36	39	20.94	21.22	21.03	22.00
15	16QAM	75	0	20.84	21.04	20.79	22.00
15	64QAM	1	0	20.61	20.77	20.59	22.00
15	64QAM	1	37	21.01	21.18	20.95	22.00
15	64QAM	1	74	21.14	21.34	21.09	22.00
15	64QAM	36	0	19.70	19.87	19.63	21.00
15	64QAM	36	20	19.85	20.02	19.80	21.00
15	64QAM	36	39	19.92	20.20	19.98	21.00
15	64QAM	75	0	19.76	19.97	19.78	21.00
15	256QAM	1	0	17.60	17.86	17.68	19.00
15	256QAM	1	37	17.89	18.10	17.93	19.00
15	256QAM	1	74	18.31	18.49	18.30	19.00
15	256QAM	36	0	17.82	17.97	17.75	19.00
15	256QAM	36	20	17.60	17.85	17.70	19.00
15	256QAM	36	39	17.64	17.88	17.73	19.00
15	256QAM	75	0	17.77	17.96	17.80	19.00
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	22.90	23.01	22.91	24.00
10	QPSK	1	25	22.59	22.94	22.62	24.00
10	QPSK	1	49	22.77	22.98	22.72	24.00
10	QPSK	25	0	21.67	21.95	21.85	23.00
10	QPSK	25	12	21.74	21.98	21.77	23.00
10	QPSK	25	25	21.73	21.92	21.74	23.00
10	QPSK	50	0	21.67	21.99	21.74	23.00
10	16QAM	1	0	21.53	21.85	21.64	23.00
10	16QAM	1	25	21.74	22.15	21.84	23.00
10	16QAM	1	49	22.00	22.26	21.97	23.00
10	16QAM	25	0	20.70	20.88	20.70	22.00
10	16QAM	25	12	20.66	20.96	20.73	22.00
10	16QAM	25	25	20.91	21.12	20.94	22.00
10	16QAM	50	0	20.73	20.96	20.66	22.00
10	64QAM	1	0	20.58	20.70	20.58	22.00
10	64QAM	1	25	20.93	21.15	20.92	22.00
10	64QAM	1	49	21.03	21.22	21.02	22.00
10	64QAM	25	0	19.59	19.74	19.54	21.00
10	64QAM	25	12	19.82	19.99	19.73	21.00
10	64QAM	25	25	19.78	20.15	19.90	21.00
10	64QAM	50	0	19.70	19.82	19.65	21.00
10	256QAM	1	0	17.56	17.79	17.63	19.00
10	256QAM	1	25	17.84	18.05	17.88	19.00
10	256QAM	1	49	18.30	18.36	18.18	19.00
10	256QAM	25	0	17.69	17.88	17.71	19.00
10	256QAM	25	12	17.46	17.72	17.58	19.00
10	256QAM	25	25	17.55	17.75	17.59	19.00
10	256QAM	50	0	17.69	17.84	17.75	19.00
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	

5	QPSK	1	0	22.91	23.03	22.92	24.00
5	QPSK	1	12	22.60	22.95	22.58	24.00
5	QPSK	1	24	22.77	22.97	22.68	24.00
5	QPSK	12	0	21.66	22.05	21.85	23.00
5	QPSK	12	7	21.71	21.96	21.75	23.00
5	QPSK	12	13	21.83	21.99	21.73	23.00
5	QPSK	25	0	21.67	21.99	21.72	23.00
5	16QAM	1	0	21.55	21.84	21.65	23.00
5	16QAM	1	12	21.82	22.12	21.85	23.00
5	16QAM	1	24	22.03	22.26	21.97	23.00
5	16QAM	12	0	20.64	20.81	20.67	22.00
5	16QAM	12	7	20.64	20.88	20.74	22.00
5	16QAM	12	13	20.89	21.09	21.02	22.00
5	16QAM	25	0	20.70	20.97	20.68	22.00
5	64QAM	1	0	20.46	20.73	20.45	22.00
5	64QAM	1	12	20.93	21.04	20.92	22.00
5	64QAM	1	24	21.04	21.26	20.95	22.00
5	64QAM	12	0	19.63	19.84	19.55	21.00
5	64QAM	12	7	19.71	19.94	19.76	21.00
5	64QAM	12	13	19.82	20.17	19.88	21.00
5	64QAM	25	0	19.73	19.91	19.66	21.00
5	256QAM	1	0	17.48	17.82	17.57	19.00
5	256QAM	1	12	17.82	18.02	17.79	19.00
5	256QAM	1	24	18.28	18.37	18.21	19.00
5	256QAM	12	0	17.76	17.86	17.72	19.00
5	256QAM	12	7	17.48	17.77	17.56	19.00
5	256QAM	12	13	17.60	17.75	17.69	19.00
5	256QAM	25	0	17.65	17.85	17.73	19.00
Channel				26705	26865	27025	Tune-up limit (dBm)
Frequency (MHz)				815.5	831.5	847.5	
3	QPSK	1	0	22.86	22.99	22.85	24.00
3	QPSK	1	8	22.61	22.85	22.68	24.00
3	QPSK	1	14	22.76	23.02	22.76	24.00
3	QPSK	8	0	21.67	22.08	21.81	23.00
3	QPSK	8	4	21.71	21.96	21.75	23.00
3	QPSK	8	7	21.75	21.96	21.70	23.00
3	QPSK	15	0	21.67	21.89	21.66	23.00
3	16QAM	1	0	21.64	21.75	21.61	23.00
3	16QAM	1	8	21.79	22.10	21.77	23.00
3	16QAM	1	14	21.98	22.15	21.92	23.00
3	16QAM	8	0	20.71	20.90	20.60	22.00
3	16QAM	8	4	20.63	20.98	20.73	22.00
3	16QAM	8	7	20.85	21.12	20.95	22.00
3	16QAM	15	0	20.79	20.98	20.64	22.00
3	64QAM	1	0	20.56	20.66	20.53	22.00
3	64QAM	1	8	20.89	21.06	20.84	22.00
3	64QAM	1	14	21.01	21.22	21.07	22.00
3	64QAM	8	0	19.56	19.82	19.56	21.00
3	64QAM	8	4	19.73	19.97	19.68	21.00
3	64QAM	8	7	19.85	20.13	19.92	21.00
3	64QAM	15	0	19.71	19.90	19.71	21.00
3	256QAM	1	0	17.56	17.71	17.61	19.00
3	256QAM	1	8	17.77	17.98	17.85	19.00
3	256QAM	1	14	18.27	18.46	18.20	19.00
3	256QAM	8	0	17.74	17.87	17.62	19.00
3	256QAM	8	4	17.57	17.79	17.58	19.00
3	256QAM	8	7	17.52	17.80	17.58	19.00
3	256QAM	15	0	17.64	17.90	17.68	19.00
Channel				26697	26865	27033	Tune-up limit (dBm)
Frequency (MHz)				814.7	831.5	848.3	
1.4	QPSK	1	0	22.89	23.04	22.87	24.00
1.4	QPSK	1	3	22.58	22.90	22.63	24.00
1.4	QPSK	1	5	22.66	22.96	22.79	24.00
1.4	QPSK	3	0	22.77	23.01	22.86	24.00
1.4	QPSK	3	1	22.82	22.97	22.78	24.00
1.4	QPSK	3	3	22.80	22.99	22.74	24.00
1.4	QPSK	6	0	21.69	21.89	21.67	23.00
1.4	16QAM	1	0	21.57	21.79	21.64	23.00
1.4	16QAM	1	3	21.84	22.15	21.85	23.00
1.4	16QAM	1	5	22.01	22.17	22.02	23.00
1.4	16QAM	3	0	21.63	21.78	21.68	23.00
1.4	16QAM	3	1	21.69	21.97	21.74	23.00
1.4	16QAM	3	3	21.84	22.18	21.96	23.00
1.4	16QAM	6	0	20.69	20.92	20.67	22.00
1.4	64QAM	1	0	20.56	20.66	20.50	22.00
1.4	64QAM	1	3	20.89	21.07	20.93	22.00
1.4	64QAM	1	5	21.13	21.20	21.00	22.00
1.4	64QAM	3	0	20.63	20.85	20.52	22.00

1.4	64QAM	3	1	20.76	20.90	20.77	22.00
1.4	64QAM	3	3	20.89	21.06	20.96	22.00
1.4	64QAM	6	0	19.63	19.85	19.71	21.00
1.4	256QAM	1	0	17.55	17.71	17.60	19.00
1.4	256QAM	1	3	17.84	17.95	17.81	19.00
1.4	256QAM	1	5	18.24	18.39	18.25	19.00
1.4	256QAM	3	0	17.76	17.93	17.67	19.00
1.4	256QAM	3	1	17.52	17.81	17.67	19.00
1.4	256QAM	3	3	17.56	17.81	17.64	19.00
1.4	256QAM	6	0	17.73	17.84	17.69	19.00

【LTE Band 26__FCC (814~849MHz)_Ant 0_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26765	26865	26965	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	22.93	23.10	22.96	24.00
15	QPSK	1	37	22.70	22.97	22.70	24.00
15	QPSK	1	74	22.78	23.09	22.81	24.00
15	QPSK	36	0	21.81	22.10	21.95	23.00
15	QPSK	36	20	21.84	22.04	21.80	23.00
15	QPSK	36	39	21.85	22.04	21.77	23.00
15	QPSK	75	0	21.79	22.01	21.78	23.00
15	16QAM	1	0	21.68	21.89	21.69	23.00
15	16QAM	1	37	21.87	22.16	21.92	23.00
15	16QAM	1	74	22.04	22.27	22.06	23.00
15	16QAM	36	0	20.74	20.92	20.72	22.00
15	16QAM	36	20	20.74	20.99	20.83	22.00
15	16QAM	36	39	20.94	21.22	21.03	22.00
15	16QAM	75	0	20.84	21.04	20.79	22.00
15	64QAM	1	0	20.61	20.77	20.59	22.00
15	64QAM	1	37	21.01	21.18	20.95	22.00
15	64QAM	1	74	21.14	21.34	21.09	22.00
15	64QAM	36	0	19.70	19.87	19.63	21.00
15	64QAM	36	20	19.85	20.02	19.80	21.00
15	64QAM	36	39	19.92	20.20	19.98	21.00
15	64QAM	75	0	19.76	19.97	19.78	21.00
15	256QAM	1	0	17.60	17.86	17.68	19.00
15	256QAM	1	37	17.89	18.10	17.93	19.00
15	256QAM	1	74	18.31	18.49	18.30	19.00
15	256QAM	36	0	17.82	17.97	17.75	19.00
15	256QAM	36	20	17.60	17.85	17.70	19.00
15	256QAM	36	39	17.64	17.88	17.73	19.00
15	256QAM	75	0	17.77	17.96	17.80	19.00
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	22.90	23.01	22.91	24.00
10	QPSK	1	25	22.59	22.94	22.62	24.00
10	QPSK	1	49	22.77	22.98	22.72	24.00
10	QPSK	25	0	21.67	21.95	21.85	23.00
10	QPSK	25	12	21.74	21.98	21.77	23.00
10	QPSK	25	25	21.73	21.92	21.74	23.00
10	QPSK	50	0	21.67	21.99	21.74	23.00
10	16QAM	1	0	21.53	21.85	21.64	23.00
10	16QAM	1	25	21.74	22.15	21.84	23.00
10	16QAM	1	49	22.00	22.26	21.97	23.00
10	16QAM	25	0	20.70	20.88	20.70	22.00
10	16QAM	25	12	20.66	20.96	20.73	22.00
10	16QAM	25	25	20.91	21.12	20.94	22.00
10	16QAM	50	0	20.73	20.96	20.66	22.00
10	64QAM	1	0	20.58	20.70	20.58	22.00
10	64QAM	1	25	20.93	21.15	20.92	22.00
10	64QAM	1	49	21.03	21.22	21.02	22.00
10	64QAM	25	0	19.59	19.74	19.54	21.00
10	64QAM	25	12	19.82	19.99	19.73	21.00
10	64QAM	25	25	19.78	20.15	19.90	21.00
10	64QAM	50	0	19.70	19.82	19.65	21.00
10	256QAM	1	0	17.56	17.79	17.63	19.00
10	256QAM	1	25	17.84	18.05	17.88	19.00
10	256QAM	1	49	18.30	18.36	18.18	19.00
10	256QAM	25	0	17.69	17.88	17.71	19.00
10	256QAM	25	12	17.46	17.72	17.58	19.00

10	256QAM	25	25	17.55	17.75	17.59	19.00
10	256QAM	50	0	17.69	17.84	17.75	19.00
Channel				26715	26865	27015	Tune-up limit
Frequency (MHz)				816.5	831.5	846.5	(dBm)
5	QPSK	1	0	22.91	23.03	22.92	24.00
5	QPSK	1	12	22.60	22.95	22.58	24.00
5	QPSK	1	24	22.77	22.97	22.68	24.00
5	QPSK	12	0	21.66	22.05	21.85	23.00
5	QPSK	12	7	21.71	21.96	21.75	23.00
5	QPSK	12	13	21.83	21.99	21.73	23.00
5	QPSK	25	0	21.67	21.99	21.72	23.00
5	16QAM	1	0	21.55	21.84	21.65	23.00
5	16QAM	1	12	21.82	22.12	21.85	23.00
5	16QAM	1	24	22.03	22.26	21.97	23.00
5	16QAM	12	0	20.64	20.81	20.67	22.00
5	16QAM	12	7	20.64	20.88	20.74	22.00
5	16QAM	12	13	20.89	21.09	21.02	22.00
5	16QAM	25	0	20.70	20.97	20.68	22.00
5	64QAM	1	0	20.46	20.73	20.45	22.00
5	64QAM	1	12	20.93	21.04	20.92	22.00
5	64QAM	1	24	21.04	21.26	20.95	22.00
5	64QAM	12	0	19.63	19.84	19.55	21.00
5	64QAM	12	7	19.71	19.94	19.76	21.00
5	64QAM	12	13	19.82	20.17	19.88	21.00
5	64QAM	25	0	19.73	19.91	19.66	21.00
5	256QAM	1	0	17.48	17.82	17.57	19.00
5	256QAM	1	12	17.82	18.02	17.79	19.00
5	256QAM	1	24	18.28	18.37	18.21	19.00
5	256QAM	12	0	17.76	17.86	17.72	19.00
5	256QAM	12	7	17.48	17.77	17.56	19.00
5	256QAM	12	13	17.60	17.75	17.69	19.00
5	256QAM	25	0	17.65	17.85	17.73	19.00
Channel				26705	26865	27025	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	QPSK	1	0	22.86	22.99	22.85	24.00
3	QPSK	1	8	22.61	22.85	22.68	24.00
3	QPSK	1	14	22.76	23.02	22.76	24.00
3	QPSK	8	0	21.67	22.08	21.81	23.00
3	QPSK	8	4	21.71	21.96	21.75	23.00
3	QPSK	8	7	21.75	21.96	21.70	23.00
3	QPSK	15	0	21.67	21.89	21.66	23.00
3	16QAM	1	0	21.64	21.75	21.61	23.00
3	16QAM	1	8	21.79	22.10	21.77	23.00
3	16QAM	1	14	21.98	22.15	21.92	23.00
3	16QAM	8	0	20.71	20.90	20.60	22.00
3	16QAM	8	4	20.63	20.98	20.73	22.00
3	16QAM	8	7	20.85	21.12	20.95	22.00
3	16QAM	15	0	20.79	20.98	20.64	22.00
3	64QAM	1	0	20.56	20.66	20.53	22.00
3	64QAM	1	8	20.89	21.06	20.84	22.00
3	64QAM	1	14	21.01	21.22	21.07	22.00
3	64QAM	8	0	19.56	19.82	19.56	21.00
3	64QAM	8	4	19.73	19.97	19.68	21.00
3	64QAM	8	7	19.85	20.13	19.92	21.00
3	64QAM	15	0	19.71	19.90	19.71	21.00
3	256QAM	1	0	17.56	17.71	17.61	19.00
3	256QAM	1	8	17.77	17.98	17.85	19.00
3	256QAM	1	14	18.27	18.46	18.20	19.00
3	256QAM	8	0	17.74	17.87	17.62	19.00
3	256QAM	8	4	17.57	17.79	17.58	19.00
3	256QAM	8	7	17.52	17.80	17.58	19.00
3	256QAM	15	0	17.64	17.90	17.68	19.00
Channel				26697	26865	27033	Tune-up limit
Frequency (MHz)				814.7	831.5	848.3	(dBm)
1.4	QPSK	1	0	22.89	23.04	22.87	24.00
1.4	QPSK	1	3	22.58	22.90	22.63	24.00
1.4	QPSK	1	5	22.66	22.96	22.79	24.00
1.4	QPSK	3	0	22.77	23.01	22.86	24.00
1.4	QPSK	3	1	22.82	22.97	22.78	24.00
1.4	QPSK	3	3	22.80	22.99	22.74	24.00
1.4	QPSK	6	0	21.69	21.89	21.67	23.00
1.4	16QAM	1	0	21.57	21.79	21.64	23.00
1.4	16QAM	1	3	21.84	22.15	21.85	23.00
1.4	16QAM	1	5	22.01	22.17	22.02	23.00
1.4	16QAM	3	0	21.63	21.78	21.68	23.00
1.4	16QAM	3	1	21.69	21.97	21.74	23.00
1.4	16QAM	3	3	21.84	22.18	21.96	23.00
1.4	16QAM	6	0	20.69	20.92	20.67	22.00

1.4	64QAM	1	0	20.56	20.66	20.50	22.00
1.4	64QAM	1	3	20.89	21.07	20.93	22.00
1.4	64QAM	1	5	21.13	21.20	21.00	22.00
1.4	64QAM	3	0	20.63	20.85	20.52	22.00
1.4	64QAM	3	1	20.76	20.90	20.77	22.00
1.4	64QAM	3	3	20.89	21.06	20.96	22.00
1.4	64QAM	6	0	19.63	19.85	19.71	21.00
1.4	256QAM	1	0	17.55	17.71	17.60	19.00
1.4	256QAM	1	3	17.84	17.95	17.81	19.00
1.4	256QAM	1	5	18.24	18.39	18.25	19.00
1.4	256QAM	3	0	17.76	17.93	17.67	19.00
1.4	256QAM	3	1	17.52	17.81	17.67	19.00
1.4	256QAM	3	3	17.56	17.81	17.64	19.00
1.4	256QAM	6	0	17.73	17.84	17.69	19.00

【LTE Band 26__FCC (814~849MHz)_Ant 0_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26765	26865	26965	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	22.93	23.10	22.96	24.00
15	QPSK	1	37	22.70	22.97	22.70	24.00
15	QPSK	1	74	22.78	23.09	22.81	24.00
15	QPSK	36	0	21.81	22.10	21.95	23.00
15	QPSK	36	20	21.84	22.04	21.80	23.00
15	QPSK	36	39	21.85	22.04	21.77	23.00
15	QPSK	75	0	21.79	22.01	21.78	23.00
15	16QAM	1	0	21.68	21.89	21.69	23.00
15	16QAM	1	37	21.87	22.16	21.92	23.00
15	16QAM	1	74	22.04	22.27	22.06	23.00
15	16QAM	36	0	20.74	20.92	20.72	22.00
15	16QAM	36	20	20.74	20.99	20.83	22.00
15	16QAM	36	39	20.94	21.22	21.03	22.00
15	16QAM	75	0	20.84	21.04	20.79	22.00
15	64QAM	1	0	20.61	20.77	20.59	22.00
15	64QAM	1	37	21.01	21.18	20.95	22.00
15	64QAM	1	74	21.14	21.34	21.09	22.00
15	64QAM	36	0	19.70	19.87	19.63	21.00
15	64QAM	36	20	19.85	20.02	19.80	21.00
15	64QAM	36	39	19.92	20.20	19.98	21.00
15	64QAM	75	0	19.76	19.97	19.78	21.00
15	256QAM	1	0	17.60	17.86	17.68	19.00
15	256QAM	1	37	17.89	18.10	17.93	19.00
15	256QAM	1	74	18.31	18.49	18.30	19.00
15	256QAM	36	0	17.82	17.97	17.75	19.00
15	256QAM	36	20	17.60	17.85	17.70	19.00
15	256QAM	36	39	17.64	17.88	17.73	19.00
15	256QAM	75	0	17.77	17.96	17.80	19.00
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	22.90	23.01	22.91	24.00
10	QPSK	1	25	22.59	22.94	22.62	24.00
10	QPSK	1	49	22.77	22.98	22.72	24.00
10	QPSK	25	0	21.67	21.95	21.85	23.00
10	QPSK	25	12	21.74	21.98	21.77	23.00
10	QPSK	25	25	21.73	21.92	21.74	23.00
10	QPSK	50	0	21.67	21.99	21.74	23.00
10	16QAM	1	0	21.53	21.85	21.64	23.00
10	16QAM	1	25	21.74	22.15	21.84	23.00
10	16QAM	1	49	22.00	22.26	21.97	23.00
10	16QAM	25	0	20.70	20.88	20.70	22.00
10	16QAM	25	12	20.66	20.96	20.73	22.00
10	16QAM	25	25	20.91	21.12	20.94	22.00
10	16QAM	50	0	20.73	20.96	20.66	22.00
10	64QAM	1	0	20.58	20.70	20.58	22.00
10	64QAM	1	25	20.93	21.15	20.92	22.00
10	64QAM	1	49	21.03	21.22	21.02	22.00
10	64QAM	25	0	19.59	19.74	19.54	21.00
10	64QAM	25	12	19.82	19.99	19.73	21.00
10	64QAM	25	25	19.78	20.15	19.90	21.00
10	64QAM	50	0	19.70	19.82	19.65	21.00
10	256QAM	1	0	17.56	17.79	17.63	19.00

10	256QAM	1	25	17.84	18.05	17.88	19.00
10	256QAM	1	49	18.30	18.36	18.18	19.00
10	256QAM	25	0	17.69	17.88	17.71	19.00
10	256QAM	25	12	17.46	17.72	17.58	19.00
10	256QAM	25	25	17.55	17.75	17.59	19.00
10	256QAM	50	0	17.69	17.84	17.75	19.00
Channel				26715	26865	27015	Tune-up limit
Frequency (MHz)				816.5	831.5	846.5	(dBm)
5	QPSK	1	0	22.91	23.03	22.92	24.00
5	QPSK	1	12	22.60	22.95	22.58	24.00
5	QPSK	1	24	22.77	22.97	22.68	24.00
5	QPSK	12	0	21.66	22.05	21.85	23.00
5	QPSK	12	7	21.71	21.96	21.75	23.00
5	QPSK	12	13	21.83	21.99	21.73	23.00
5	QPSK	25	0	21.67	21.99	21.72	23.00
5	16QAM	1	0	21.55	21.84	21.65	23.00
5	16QAM	1	12	21.82	22.12	21.85	23.00
5	16QAM	1	24	22.03	22.26	21.97	23.00
5	16QAM	12	0	20.64	20.81	20.67	22.00
5	16QAM	12	7	20.64	20.88	20.74	22.00
5	16QAM	12	13	20.89	21.09	21.02	22.00
5	16QAM	25	0	20.70	20.97	20.68	22.00
5	64QAM	1	0	20.46	20.73	20.45	22.00
5	64QAM	1	12	20.93	21.04	20.92	22.00
5	64QAM	1	24	21.04	21.26	20.95	22.00
5	64QAM	12	0	19.63	19.84	19.55	21.00
5	64QAM	12	7	19.71	19.94	19.76	21.00
5	64QAM	12	13	19.82	20.17	19.88	21.00
5	64QAM	25	0	19.73	19.91	19.66	21.00
5	256QAM	1	0	17.48	17.82	17.57	19.00
5	256QAM	1	12	17.82	18.02	17.79	19.00
5	256QAM	1	24	18.28	18.37	18.21	19.00
5	256QAM	12	0	17.76	17.86	17.72	19.00
5	256QAM	12	7	17.48	17.77	17.56	19.00
5	256QAM	12	13	17.60	17.75	17.69	19.00
5	256QAM	25	0	17.65	17.85	17.73	19.00
Channel				26705	26865	27025	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	QPSK	1	0	22.86	22.99	22.85	24.00
3	QPSK	1	8	22.61	22.85	22.68	24.00
3	QPSK	1	14	22.76	23.02	22.76	24.00
3	QPSK	8	0	21.67	22.08	21.81	23.00
3	QPSK	8	4	21.71	21.96	21.75	23.00
3	QPSK	8	7	21.75	21.96	21.70	23.00
3	QPSK	15	0	21.67	21.89	21.66	23.00
3	16QAM	1	0	21.64	21.75	21.61	23.00
3	16QAM	1	8	21.79	22.10	21.77	23.00
3	16QAM	1	14	21.98	22.15	21.92	23.00
3	16QAM	8	0	20.71	20.90	20.60	22.00
3	16QAM	8	4	20.63	20.98	20.73	22.00
3	16QAM	8	7	20.85	21.12	20.95	22.00
3	16QAM	15	0	20.79	20.98	20.64	22.00
3	64QAM	1	0	20.56	20.66	20.53	22.00
3	64QAM	1	8	20.89	21.06	20.84	22.00
3	64QAM	1	14	21.01	21.22	21.07	22.00
3	64QAM	8	0	19.56	19.82	19.56	21.00
3	64QAM	8	4	19.73	19.97	19.68	21.00
3	64QAM	8	7	19.85	20.13	19.92	21.00
3	64QAM	15	0	19.71	19.90	19.71	21.00
3	256QAM	1	0	17.56	17.71	17.61	19.00
3	256QAM	1	8	17.77	17.98	17.85	19.00
3	256QAM	1	14	18.27	18.46	18.20	19.00
3	256QAM	8	0	17.74	17.87	17.62	19.00
3	256QAM	8	4	17.57	17.79	17.58	19.00
3	256QAM	8	7	17.52	17.80	17.58	19.00
3	256QAM	15	0	17.64	17.90	17.68	19.00
Channel				26697	26865	27033	Tune-up limit
Frequency (MHz)				814.7	831.5	848.3	(dBm)
1.4	QPSK	1	0	22.89	23.04	22.87	24.00
1.4	QPSK	1	3	22.58	22.90	22.63	24.00
1.4	QPSK	1	5	22.66	22.96	22.79	24.00
1.4	QPSK	3	0	22.77	23.01	22.86	24.00
1.4	QPSK	3	1	22.82	22.97	22.78	24.00
1.4	QPSK	3	3	22.80	22.99	22.74	24.00
1.4	QPSK	6	0	21.69	21.89	21.67	23.00
1.4	16QAM	1	0	21.57	21.79	21.64	23.00
1.4	16QAM	1	3	21.84	22.15	21.85	23.00
1.4	16QAM	1	5	22.01	22.17	22.02	23.00

1.4	16QAM	3	0	21.63	21.78	21.68	23.00
1.4	16QAM	3	1	21.69	21.97	21.74	23.00
1.4	16QAM	3	3	21.84	22.18	21.96	23.00
1.4	16QAM	6	0	20.69	20.92	20.67	22.00
1.4	64QAM	1	0	20.56	20.66	20.50	22.00
1.4	64QAM	1	3	20.89	21.07	20.93	22.00
1.4	64QAM	1	5	21.13	21.20	21.00	22.00
1.4	64QAM	3	0	20.63	20.85	20.52	22.00
1.4	64QAM	3	1	20.76	20.90	20.77	22.00
1.4	64QAM	3	3	20.89	21.06	20.96	22.00
1.4	64QAM	6	0	19.63	19.85	19.71	21.00
1.4	256QAM	1	0	17.55	17.71	17.60	19.00
1.4	256QAM	1	3	17.84	17.95	17.81	19.00
1.4	256QAM	1	5	18.24	18.39	18.25	19.00
1.4	256QAM	3	0	17.76	17.93	17.67	19.00
1.4	256QAM	3	1	17.52	17.81	17.67	19.00
1.4	256QAM	3	3	17.56	17.81	17.64	19.00
1.4	256QAM	6	0	17.73	17.84	17.69	19.00

【LTE Band 26__FCC (814-849MHz)_Ant 0_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26765	26865	26965	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	22.93	23.10	22.96	24.00
15	QPSK	1	37	22.70	22.97	22.70	24.00
15	QPSK	1	74	22.78	23.09	22.81	24.00
15	QPSK	36	0	21.81	22.10	21.95	23.00
15	QPSK	36	20	21.84	22.04	21.80	23.00
15	QPSK	36	39	21.85	22.04	21.77	23.00
15	QPSK	75	0	21.79	22.01	21.78	23.00
15	16QAM	1	0	21.68	21.89	21.69	23.00
15	16QAM	1	37	21.87	22.16	21.92	23.00
15	16QAM	1	74	22.04	22.27	22.06	23.00
15	16QAM	36	0	20.74	20.92	20.72	22.00
15	16QAM	36	20	20.74	20.99	20.83	22.00
15	16QAM	36	39	20.94	21.22	21.03	22.00
15	16QAM	75	0	20.84	21.04	20.79	22.00
15	64QAM	1	0	20.61	20.77	20.59	22.00
15	64QAM	1	37	21.01	21.18	20.95	22.00
15	64QAM	1	74	21.14	21.34	21.09	22.00
15	64QAM	36	0	19.70	19.87	19.63	21.00
15	64QAM	36	20	19.85	20.02	19.80	21.00
15	64QAM	36	39	19.92	20.20	19.98	21.00
15	64QAM	75	0	19.76	19.97	19.78	21.00
15	256QAM	1	0	17.60	17.86	17.68	19.00
15	256QAM	1	37	17.89	18.10	17.93	19.00
15	256QAM	1	74	18.31	18.49	18.30	19.00
15	256QAM	36	0	17.82	17.97	17.75	19.00
15	256QAM	36	20	17.60	17.85	17.70	19.00
15	256QAM	36	39	17.64	17.88	17.73	19.00
15	256QAM	75	0	17.77	17.96	17.80	19.00
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	22.90	23.01	22.91	24.00
10	QPSK	1	25	22.59	22.94	22.62	24.00
10	QPSK	1	49	22.77	22.98	22.72	24.00
10	QPSK	25	0	21.67	21.95	21.85	23.00
10	QPSK	25	12	21.74	21.98	21.77	23.00
10	QPSK	25	25	21.73	21.92	21.74	23.00
10	QPSK	50	0	21.67	21.99	21.74	23.00
10	16QAM	1	0	21.53	21.85	21.64	23.00
10	16QAM	1	25	21.74	22.15	21.84	23.00
10	16QAM	1	49	22.00	22.26	21.97	23.00
10	16QAM	25	0	20.70	20.88	20.70	22.00
10	16QAM	25	12	20.66	20.96	20.73	22.00
10	16QAM	25	25	20.91	21.12	20.94	22.00
10	16QAM	50	0	20.73	20.96	20.66	22.00
10	64QAM	1	0	20.58	20.70	20.58	22.00
10	64QAM	1	25	20.93	21.15	20.92	22.00
10	64QAM	1	49	21.03	21.22	21.02	22.00
10	64QAM	25	0	19.59	19.74	19.54	21.00

10	64QAM	25	12	19.82	19.99	19.73	21.00
10	64QAM	25	25	19.78	20.15	19.90	21.00
10	64QAM	50	0	19.70	19.82	19.65	21.00
10	256QAM	1	0	17.56	17.79	17.63	19.00
10	256QAM	1	25	17.84	18.05	17.88	19.00
10	256QAM	1	49	18.30	18.36	18.18	19.00
10	256QAM	25	0	17.69	17.88	17.71	19.00
10	256QAM	25	12	17.46	17.72	17.58	19.00
10	256QAM	25	25	17.55	17.75	17.59	19.00
10	256QAM	50	0	17.69	17.84	17.75	19.00
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	22.91	23.03	22.92	24.00
5	QPSK	1	12	22.60	22.95	22.58	24.00
5	QPSK	1	24	22.77	22.97	22.68	24.00
5	QPSK	12	0	21.66	22.05	21.85	23.00
5	QPSK	12	7	21.71	21.96	21.75	23.00
5	QPSK	12	13	21.83	21.99	21.73	23.00
5	QPSK	25	0	21.67	21.99	21.72	23.00
5	16QAM	1	0	21.55	21.84	21.65	23.00
5	16QAM	1	12	21.82	22.12	21.85	23.00
5	16QAM	1	24	22.03	22.26	21.97	23.00
5	16QAM	12	0	20.64	20.81	20.67	22.00
5	16QAM	12	7	20.64	20.88	20.74	22.00
5	16QAM	12	13	20.89	21.09	21.02	22.00
5	16QAM	25	0	20.70	20.97	20.68	22.00
5	64QAM	1	0	20.46	20.73	20.45	22.00
5	64QAM	1	12	20.93	21.04	20.92	22.00
5	64QAM	1	24	21.04	21.26	20.95	22.00
5	64QAM	12	0	19.63	19.84	19.55	21.00
5	64QAM	12	7	19.71	19.94	19.76	21.00
5	64QAM	12	13	19.82	20.17	19.88	21.00
5	64QAM	25	0	19.73	19.91	19.66	21.00
5	256QAM	1	0	17.48	17.82	17.57	19.00
5	256QAM	1	12	17.82	18.02	17.79	19.00
5	256QAM	1	24	18.28	18.37	18.21	19.00
5	256QAM	12	0	17.76	17.86	17.72	19.00
5	256QAM	12	7	17.48	17.77	17.56	19.00
5	256QAM	12	13	17.60	17.75	17.69	19.00
5	256QAM	25	0	17.65	17.85	17.73	19.00
Channel				26705	26865	27025	Tune-up limit (dBm)
Frequency (MHz)				815.5	831.5	847.5	
3	QPSK	1	0	22.86	22.99	22.85	24.00
3	QPSK	1	8	22.61	22.85	22.68	24.00
3	QPSK	1	14	22.76	23.02	22.76	24.00
3	QPSK	8	0	21.67	22.08	21.81	23.00
3	QPSK	8	4	21.71	21.96	21.75	23.00
3	QPSK	8	7	21.75	21.96	21.70	23.00
3	QPSK	15	0	21.67	21.89	21.66	23.00
3	16QAM	1	0	21.64	21.75	21.61	23.00
3	16QAM	1	8	21.79	22.10	21.77	23.00
3	16QAM	1	14	21.98	22.15	21.92	23.00
3	16QAM	8	0	20.71	20.90	20.60	22.00
3	16QAM	8	4	20.63	20.98	20.73	22.00
3	16QAM	8	7	20.85	21.12	20.95	22.00
3	16QAM	15	0	20.79	20.98	20.64	22.00
3	64QAM	1	0	20.56	20.66	20.53	22.00
3	64QAM	1	8	20.89	21.06	20.84	22.00
3	64QAM	1	14	21.01	21.22	21.07	22.00
3	64QAM	8	0	19.56	19.82	19.56	21.00
3	64QAM	8	4	19.73	19.97	19.68	21.00
3	64QAM	8	7	19.85	20.13	19.92	21.00
3	64QAM	15	0	19.71	19.90	19.71	21.00
3	256QAM	1	0	17.56	17.71	17.61	19.00
3	256QAM	1	8	17.77	17.98	17.85	19.00
3	256QAM	1	14	18.27	18.46	18.20	19.00
3	256QAM	8	0	17.74	17.87	17.62	19.00
3	256QAM	8	4	17.57	17.79	17.58	19.00
3	256QAM	8	7	17.52	17.80	17.58	19.00
3	256QAM	15	0	17.64	17.90	17.68	19.00
Channel				26697	26865	27033	Tune-up limit (dBm)
Frequency (MHz)				814.7	831.5	848.3	
1.4	QPSK	1	0	22.89	23.04	22.87	24.00
1.4	QPSK	1	3	22.58	22.90	22.63	24.00
1.4	QPSK	1	5	22.66	22.96	22.79	24.00
1.4	QPSK	3	0	22.77	23.01	22.86	24.00
1.4	QPSK	3	1	22.82	22.97	22.78	24.00
1.4	QPSK	3	3	22.80	22.99	22.74	24.00

1.4	QPSK	6	0	21.69	21.89	21.67	23.00
1.4	16QAM	1	0	21.57	21.79	21.64	23.00
1.4	16QAM	1	3	21.84	22.15	21.85	23.00
1.4	16QAM	1	5	22.01	22.17	22.02	23.00
1.4	16QAM	3	0	21.63	21.78	21.68	23.00
1.4	16QAM	3	1	21.69	21.97	21.74	23.00
1.4	16QAM	3	3	21.84	22.18	21.96	23.00
1.4	16QAM	6	0	20.69	20.92	20.67	22.00
1.4	64QAM	1	0	20.56	20.66	20.50	22.00
1.4	64QAM	1	3	20.89	21.07	20.93	22.00
1.4	64QAM	1	5	21.13	21.20	21.00	22.00
1.4	64QAM	3	0	20.63	20.85	20.52	22.00
1.4	64QAM	3	1	20.76	20.90	20.77	22.00
1.4	64QAM	3	3	20.89	21.06	20.96	22.00
1.4	64QAM	6	0	19.63	19.85	19.71	21.00
1.4	256QAM	1	0	17.55	17.71	17.60	19.00
1.4	256QAM	1	3	17.84	17.95	17.81	19.00
1.4	256QAM	1	5	18.24	18.39	18.25	19.00
1.4	256QAM	3	0	17.76	17.93	17.67	19.00
1.4	256QAM	3	1	17.52	17.81	17.67	19.00
1.4	256QAM	3	3	17.56	17.81	17.64	19.00
1.4	256QAM	6	0	17.73	17.84	17.69	19.00

【LTE Band 26__FCC (814-849MHz)_Ant 0_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26765	26865	26965	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	22.93	23.10	22.96	24.00
15	QPSK	1	37	22.70	22.97	22.70	24.00
15	QPSK	1	74	22.78	23.09	22.81	24.00
15	QPSK	36	0	21.81	22.10	21.95	23.00
15	QPSK	36	20	21.84	22.04	21.80	23.00
15	QPSK	36	39	21.85	22.04	21.77	23.00
15	QPSK	75	0	21.79	22.01	21.78	23.00
15	16QAM	1	0	21.68	21.89	21.69	23.00
15	16QAM	1	37	21.87	22.16	21.92	23.00
15	16QAM	1	74	22.04	22.27	22.06	23.00
15	16QAM	36	0	20.74	20.92	20.72	22.00
15	16QAM	36	20	20.74	20.99	20.83	22.00
15	16QAM	36	39	20.94	21.22	21.03	22.00
15	16QAM	75	0	20.84	21.04	20.79	22.00
15	64QAM	1	0	20.61	20.77	20.59	22.00
15	64QAM	1	37	21.01	21.18	20.95	22.00
15	64QAM	1	74	21.14	21.34	21.09	22.00
15	64QAM	36	0	19.70	19.87	19.63	21.00
15	64QAM	36	20	19.85	20.02	19.80	21.00
15	64QAM	36	39	19.92	20.20	19.98	21.00
15	64QAM	75	0	19.76	19.97	19.78	21.00
15	256QAM	1	0	17.60	17.86	17.68	19.00
15	256QAM	1	37	17.89	18.10	17.93	19.00
15	256QAM	1	74	18.31	18.49	18.30	19.00
15	256QAM	36	0	17.82	17.97	17.75	19.00
15	256QAM	36	20	17.60	17.85	17.70	19.00
15	256QAM	36	39	17.64	17.88	17.73	19.00
15	256QAM	75	0	17.77	17.96	17.80	19.00
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	22.90	23.01	22.91	24.00
10	QPSK	1	25	22.59	22.94	22.62	24.00
10	QPSK	1	49	22.77	22.98	22.72	24.00
10	QPSK	25	0	21.67	21.95	21.85	23.00
10	QPSK	25	12	21.74	21.98	21.77	23.00
10	QPSK	25	25	21.73	21.92	21.74	23.00
10	QPSK	50	0	21.67	21.99	21.74	23.00
10	16QAM	1	0	21.53	21.85	21.64	23.00
10	16QAM	1	25	21.74	22.15	21.84	23.00
10	16QAM	1	49	22.00	22.26	21.97	23.00
10	16QAM	25	0	20.70	20.88	20.70	22.00
10	16QAM	25	12	20.66	20.96	20.73	22.00
10	16QAM	25	25	20.91	21.12	20.94	22.00
10	16QAM	50	0	20.73	20.96	20.66	22.00

10	64QAM	1	0	20.58	20.70	20.58	22.00
10	64QAM	1	25	20.93	21.15	20.92	22.00
10	64QAM	1	49	21.03	21.22	21.02	22.00
10	64QAM	25	0	19.59	19.74	19.54	21.00
10	64QAM	25	12	19.82	19.99	19.73	21.00
10	64QAM	25	25	19.78	20.15	19.90	21.00
10	64QAM	50	0	19.70	19.82	19.65	21.00
10	256QAM	1	0	17.56	17.79	17.63	19.00
10	256QAM	1	25	17.84	18.05	17.88	19.00
10	256QAM	1	49	18.30	18.36	18.18	19.00
10	256QAM	25	0	17.69	17.88	17.71	19.00
10	256QAM	25	12	17.46	17.72	17.58	19.00
10	256QAM	25	25	17.55	17.75	17.59	19.00
10	256QAM	50	0	17.69	17.84	17.75	19.00
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	22.91	23.03	22.92	24.00
5	QPSK	1	12	22.60	22.95	22.58	24.00
5	QPSK	1	24	22.77	22.97	22.68	24.00
5	QPSK	12	0	21.66	22.05	21.85	23.00
5	QPSK	12	7	21.71	21.96	21.75	23.00
5	QPSK	12	13	21.83	21.99	21.73	23.00
5	QPSK	25	0	21.67	21.99	21.72	23.00
5	16QAM	1	0	21.55	21.84	21.65	23.00
5	16QAM	1	12	21.82	22.12	21.85	23.00
5	16QAM	1	24	22.03	22.26	21.97	23.00
5	16QAM	12	0	20.64	20.81	20.67	22.00
5	16QAM	12	7	20.64	20.88	20.74	22.00
5	16QAM	12	13	20.89	21.09	21.02	22.00
5	16QAM	25	0	20.70	20.97	20.68	22.00
5	64QAM	1	0	20.46	20.73	20.45	22.00
5	64QAM	1	12	20.93	21.04	20.92	22.00
5	64QAM	1	24	21.04	21.26	20.95	22.00
5	64QAM	12	0	19.63	19.84	19.55	21.00
5	64QAM	12	7	19.71	19.94	19.76	21.00
5	64QAM	12	13	19.82	20.17	19.88	21.00
5	64QAM	25	0	19.73	19.91	19.66	21.00
5	256QAM	1	0	17.48	17.82	17.57	19.00
5	256QAM	1	12	17.82	18.02	17.79	19.00
5	256QAM	1	24	18.28	18.37	18.21	19.00
5	256QAM	12	0	17.76	17.86	17.72	19.00
5	256QAM	12	7	17.48	17.77	17.56	19.00
5	256QAM	12	13	17.60	17.75	17.69	19.00
5	256QAM	25	0	17.65	17.85	17.73	19.00
Channel				26705	26865	27025	Tune-up limit (dBm)
Frequency (MHz)				815.5	831.5	847.5	
3	QPSK	1	0	22.86	22.99	22.85	24.00
3	QPSK	1	8	22.61	22.85	22.68	24.00
3	QPSK	1	14	22.76	23.02	22.76	24.00
3	QPSK	8	0	21.67	22.08	21.81	23.00
3	QPSK	8	4	21.71	21.96	21.75	23.00
3	QPSK	8	7	21.75	21.96	21.70	23.00
3	QPSK	15	0	21.67	21.89	21.66	23.00
3	16QAM	1	0	21.64	21.75	21.61	23.00
3	16QAM	1	8	21.79	22.10	21.77	23.00
3	16QAM	1	14	21.98	22.15	21.92	23.00
3	16QAM	8	0	20.71	20.90	20.60	22.00
3	16QAM	8	4	20.63	20.98	20.73	22.00
3	16QAM	8	7	20.85	21.12	20.95	22.00
3	16QAM	15	0	20.79	20.98	20.64	22.00
3	64QAM	1	0	20.56	20.66	20.53	22.00
3	64QAM	1	8	20.89	21.06	20.84	22.00
3	64QAM	1	14	21.01	21.22	21.07	22.00
3	64QAM	8	0	19.56	19.82	19.56	21.00
3	64QAM	8	4	19.73	19.97	19.68	21.00
3	64QAM	8	7	19.85	20.13	19.92	21.00
3	64QAM	15	0	19.71	19.90	19.71	21.00
3	256QAM	1	0	17.56	17.71	17.61	19.00
3	256QAM	1	8	17.77	17.98	17.85	19.00
3	256QAM	1	14	18.27	18.46	18.20	19.00
3	256QAM	8	0	17.74	17.87	17.62	19.00
3	256QAM	8	4	17.57	17.79	17.58	19.00
3	256QAM	8	7	17.52	17.80	17.58	19.00
3	256QAM	15	0	17.64	17.90	17.68	19.00
Channel				26697	26865	27033	Tune-up limit (dBm)
Frequency (MHz)				814.7	831.5	848.3	
1.4	QPSK	1	0	22.89	23.04	22.87	24.00
1.4	QPSK	1	3	22.58	22.90	22.63	24.00

1.4	QPSK	1	5	22.66	22.96	22.79	24.00
1.4	QPSK	3	0	22.77	23.01	22.86	24.00
1.4	QPSK	3	1	22.82	22.97	22.78	24.00
1.4	QPSK	3	3	22.80	22.99	22.74	24.00
1.4	QPSK	6	0	21.69	21.89	21.67	23.00
1.4	16QAM	1	0	21.57	21.79	21.64	23.00
1.4	16QAM	1	3	21.84	22.15	21.85	23.00
1.4	16QAM	1	5	22.01	22.17	22.02	23.00
1.4	16QAM	3	0	21.63	21.78	21.68	23.00
1.4	16QAM	3	1	21.69	21.97	21.74	23.00
1.4	16QAM	3	3	21.84	22.18	21.96	23.00
1.4	16QAM	6	0	20.69	20.92	20.67	22.00
1.4	64QAM	1	0	20.56	20.66	20.50	22.00
1.4	64QAM	1	3	20.89	21.07	20.93	22.00
1.4	64QAM	1	5	21.13	21.20	21.00	22.00
1.4	64QAM	3	0	20.63	20.85	20.52	22.00
1.4	64QAM	3	1	20.76	20.90	20.77	22.00
1.4	64QAM	3	3	20.89	21.06	20.96	22.00
1.4	64QAM	6	0	19.63	19.85	19.71	21.00
1.4	256QAM	1	0	17.55	17.71	17.60	19.00
1.4	256QAM	1	3	17.84	17.95	17.81	19.00
1.4	256QAM	1	5	18.24	18.39	18.25	19.00
1.4	256QAM	3	0	17.76	17.93	17.67	19.00
1.4	256QAM	3	1	17.52	17.81	17.67	19.00
1.4	256QAM	3	3	17.56	17.81	17.64	19.00
1.4	256QAM	6	0	17.73	17.84	17.69	19.00

【LTE Band 26__FCC (814~849MHz)_Ant 0_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26765	26865	26965	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	22.93	23.10	22.96	24.00
15	QPSK	1	37	22.70	22.97	22.70	24.00
15	QPSK	1	74	22.78	23.09	22.81	24.00
15	QPSK	36	0	21.81	22.10	21.95	23.00
15	QPSK	36	20	21.84	22.04	21.80	23.00
15	QPSK	36	39	21.85	22.04	21.77	23.00
15	QPSK	75	0	21.79	22.01	21.78	23.00
15	16QAM	1	0	21.68	21.89	21.69	23.00
15	16QAM	1	37	21.87	22.16	21.92	23.00
15	16QAM	1	74	22.04	22.27	22.06	23.00
15	16QAM	36	0	20.74	20.92	20.72	22.00
15	16QAM	36	20	20.74	20.99	20.83	22.00
15	16QAM	36	39	20.94	21.22	21.03	22.00
15	16QAM	75	0	20.84	21.04	20.79	22.00
15	64QAM	1	0	20.61	20.77	20.59	22.00
15	64QAM	1	37	21.01	21.18	20.95	22.00
15	64QAM	1	74	21.14	21.34	21.09	22.00
15	64QAM	36	0	19.70	19.87	19.63	21.00
15	64QAM	36	20	19.85	20.02	19.80	21.00
15	64QAM	36	39	19.92	20.20	19.98	21.00
15	64QAM	75	0	19.76	19.97	19.78	21.00
15	256QAM	1	0	17.60	17.86	17.68	19.00
15	256QAM	1	37	17.89	18.10	17.93	19.00
15	256QAM	1	74	18.31	18.49	18.30	19.00
15	256QAM	36	0	17.82	17.97	17.75	19.00
15	256QAM	36	20	17.60	17.85	17.70	19.00
15	256QAM	36	39	17.64	17.88	17.73	19.00
15	256QAM	75	0	17.77	17.96	17.80	19.00
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	22.90	23.01	22.91	24.00
10	QPSK	1	25	22.59	22.94	22.62	24.00
10	QPSK	1	49	22.77	22.98	22.72	24.00
10	QPSK	25	0	21.67	21.95	21.85	23.00
10	QPSK	25	12	21.74	21.98	21.77	23.00
10	QPSK	25	25	21.73	21.92	21.74	23.00
10	QPSK	50	0	21.67	21.99	21.74	23.00
10	16QAM	1	0	21.53	21.85	21.64	23.00
10	16QAM	1	25	21.74	22.15	21.84	23.00
10	16QAM	1	49	22.00	22.26	21.97	23.00

10	16QAM	25	0	20.70	20.88	20.70	22.00
10	16QAM	25	12	20.66	20.96	20.73	22.00
10	16QAM	25	25	20.91	21.12	20.94	22.00
10	16QAM	50	0	20.73	20.96	20.66	22.00
10	64QAM	1	0	20.58	20.70	20.58	22.00
10	64QAM	1	25	20.93	21.15	20.92	22.00
10	64QAM	1	49	21.03	21.22	21.02	22.00
10	64QAM	25	0	19.59	19.74	19.54	21.00
10	64QAM	25	12	19.82	19.99	19.73	21.00
10	64QAM	25	25	19.78	20.15	19.90	21.00
10	64QAM	50	0	19.70	19.82	19.65	21.00
10	256QAM	1	0	17.56	17.79	17.63	19.00
10	256QAM	1	25	17.84	18.05	17.88	19.00
10	256QAM	1	49	18.30	18.36	18.18	19.00
10	256QAM	25	0	17.69	17.88	17.71	19.00
10	256QAM	25	12	17.46	17.72	17.58	19.00
10	256QAM	25	25	17.55	17.75	17.59	19.00
10	256QAM	50	0	17.69	17.84	17.75	19.00
Channel				26715	26865	27015	Tune-up limit
Frequency (MHz)				816.5	831.5	846.5	(dBm)
5	QPSK	1	0	22.91	23.03	22.92	24.00
5	QPSK	1	12	22.60	22.95	22.58	24.00
5	QPSK	1	24	22.77	22.97	22.68	24.00
5	QPSK	12	0	21.66	22.05	21.85	23.00
5	QPSK	12	7	21.71	21.96	21.75	23.00
5	QPSK	12	13	21.83	21.99	21.73	23.00
5	QPSK	25	0	21.67	21.99	21.72	23.00
5	16QAM	1	0	21.55	21.84	21.65	23.00
5	16QAM	1	12	21.82	22.12	21.85	23.00
5	16QAM	1	24	22.03	22.26	21.97	23.00
5	16QAM	12	0	20.64	20.81	20.67	22.00
5	16QAM	12	7	20.64	20.88	20.74	22.00
5	16QAM	12	13	20.89	21.09	21.02	22.00
5	16QAM	25	0	20.70	20.97	20.68	22.00
5	64QAM	1	0	20.46	20.73	20.45	22.00
5	64QAM	1	12	20.93	21.04	20.92	22.00
5	64QAM	1	24	21.04	21.26	20.95	22.00
5	64QAM	12	0	19.63	19.84	19.55	21.00
5	64QAM	12	7	19.71	19.94	19.76	21.00
5	64QAM	12	13	19.82	20.17	19.88	21.00
5	64QAM	25	0	19.73	19.91	19.66	21.00
5	256QAM	1	0	17.48	17.82	17.57	19.00
5	256QAM	1	12	17.82	18.02	17.79	19.00
5	256QAM	1	24	18.28	18.37	18.21	19.00
5	256QAM	12	0	17.76	17.86	17.72	19.00
5	256QAM	12	7	17.48	17.77	17.56	19.00
5	256QAM	12	13	17.60	17.75	17.69	19.00
5	256QAM	25	0	17.65	17.85	17.73	19.00
Channel				26705	26865	27025	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	QPSK	1	0	22.86	22.99	22.85	24.00
3	QPSK	1	8	22.61	22.85	22.68	24.00
3	QPSK	1	14	22.76	23.02	22.76	24.00
3	QPSK	8	0	21.67	22.08	21.81	23.00
3	QPSK	8	4	21.71	21.96	21.75	23.00
3	QPSK	8	7	21.75	21.96	21.70	23.00
3	QPSK	15	0	21.67	21.89	21.66	23.00
3	16QAM	1	0	21.64	21.75	21.61	23.00
3	16QAM	1	8	21.79	22.10	21.77	23.00
3	16QAM	1	14	21.98	22.15	21.92	23.00
3	16QAM	8	0	20.71	20.90	20.60	22.00
3	16QAM	8	4	20.63	20.98	20.73	22.00
3	16QAM	8	7	20.85	21.12	20.95	22.00
3	16QAM	15	0	20.79	20.98	20.64	22.00
3	64QAM	1	0	20.56	20.66	20.53	22.00
3	64QAM	1	8	20.89	21.06	20.84	22.00
3	64QAM	1	14	21.01	21.22	21.07	22.00
3	64QAM	8	0	19.56	19.82	19.56	21.00
3	64QAM	8	4	19.73	19.97	19.68	21.00
3	64QAM	8	7	19.85	20.13	19.92	21.00
3	64QAM	15	0	19.71	19.90	19.71	21.00
3	256QAM	1	0	17.56	17.71	17.61	19.00
3	256QAM	1	8	17.77	17.98	17.85	19.00
3	256QAM	1	14	18.27	18.46	18.20	19.00
3	256QAM	8	0	17.74	17.87	17.62	19.00
3	256QAM	8	4	17.57	17.79	17.58	19.00
3	256QAM	8	7	17.52	17.80	17.58	19.00
3	256QAM	15	0	17.64	17.90	17.68	19.00

Channel				26697	26865	27033	Tune-up limit (dBm)
Frequency (MHz)				814.7	831.5	848.3	
1.4	QPSK	1	0	22.89	23.04	22.87	24.00
1.4	QPSK	1	3	22.58	22.90	22.63	24.00
1.4	QPSK	1	5	22.66	22.96	22.79	24.00
1.4	QPSK	3	0	22.77	23.01	22.86	24.00
1.4	QPSK	3	1	22.82	22.97	22.78	24.00
1.4	QPSK	3	3	22.80	22.99	22.74	24.00
1.4	QPSK	6	0	21.69	21.89	21.67	23.00
1.4	16QAM	1	0	21.57	21.79	21.64	23.00
1.4	16QAM	1	3	21.84	22.15	21.85	23.00
1.4	16QAM	1	5	22.01	22.17	22.02	23.00
1.4	16QAM	3	0	21.63	21.78	21.68	23.00
1.4	16QAM	3	1	21.69	21.97	21.74	23.00
1.4	16QAM	3	3	21.84	22.18	21.96	23.00
1.4	16QAM	6	0	20.69	20.92	20.67	22.00
1.4	64QAM	1	0	20.56	20.66	20.50	22.00
1.4	64QAM	1	3	20.89	21.07	20.93	22.00
1.4	64QAM	1	5	21.13	21.20	21.00	22.00
1.4	64QAM	3	0	20.63	20.85	20.52	22.00
1.4	64QAM	3	1	20.76	20.90	20.77	22.00
1.4	64QAM	3	3	20.89	21.06	20.96	22.00
1.4	64QAM	6	0	19.63	19.85	19.71	21.00
1.4	256QAM	1	0	17.55	17.71	17.60	19.00
1.4	256QAM	1	3	17.84	17.95	17.81	19.00
1.4	256QAM	1	5	18.24	18.39	18.25	19.00
1.4	256QAM	3	0	17.76	17.93	17.67	19.00
1.4	256QAM	3	1	17.52	17.81	17.67	19.00
1.4	256QAM	3	3	17.56	17.81	17.64	19.00
1.4	256QAM	6	0	17.73	17.84	17.69	19.00

【LTE Band 26__FCC (814~849MHz)_Ant 1_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26765	26865	26965	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	23.12	23.14	22.99	24.00
15	QPSK	1	37	22.74	22.85	22.67	24.00
15	QPSK	1	74	22.95	23.10	22.86	24.00
15	QPSK	36	0	22.05	22.10	21.91	23.00
15	QPSK	36	20	21.93	22.05	21.86	23.00
15	QPSK	36	39	22.04	22.07	21.88	23.00
15	QPSK	75	0	22.02	22.13	21.85	23.00
15	16QAM	1	0	21.96	22.08	21.84	23.00
15	16QAM	1	37	22.18	22.34	22.15	23.00
15	16QAM	1	74	22.28	22.33	22.16	23.00
15	16QAM	36	0	20.91	21.02	20.86	22.00
15	16QAM	36	20	20.89	21.00	20.76	22.00
15	16QAM	36	39	21.13	21.22	20.97	22.00
15	16QAM	75	0	21.03	21.15	20.95	22.00
15	64QAM	1	0	20.91	20.99	20.74	22.00
15	64QAM	1	37	21.15	21.23	21.04	22.00
15	64QAM	1	74	21.22	21.25	21.09	22.00
15	64QAM	36	0	19.93	20.02	19.74	21.00
15	64QAM	36	20	20.06	20.09	19.89	21.00
15	64QAM	36	39	20.07	20.18	20.03	21.00
15	64QAM	75	0	20.09	20.13	19.86	21.00
15	256QAM	1	0	17.93	18.01	17.86	19.00
15	256QAM	1	37	18.13	18.20	18.07	19.00
15	256QAM	1	74	18.38	18.51	18.35	19.00
15	256QAM	36	0	17.89	18.00	17.76	19.00
15	256QAM	36	20	18.08	18.12	17.89	19.00
15	256QAM	36	39	18.15	18.25	18.03	19.00
15	256QAM	75	0	18.07	18.14	17.97	19.00
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	22.98	22.99	22.85	24.00
10	QPSK	1	25	22.70	22.82	22.63	24.00
10	QPSK	1	49	22.83	23.03	22.81	24.00
10	QPSK	25	0	21.92	22.06	21.77	23.00
10	QPSK	25	12	21.82	21.92	21.72	23.00
10	QPSK	25	25	21.95	22.01	21.79	23.00

10	QPSK	50	0	21.91	22.03	21.72	23.00
10	16QAM	1	0	21.86	22.04	21.75	23.00
10	16QAM	1	25	22.08	22.20	22.03	23.00
10	16QAM	1	49	22.25	22.25	22.11	23.00
10	16QAM	25	0	20.80	20.95	20.81	22.00
10	16QAM	25	12	20.81	20.92	20.72	22.00
10	16QAM	25	25	21.08	21.11	20.94	22.00
10	16QAM	50	0	21.00	21.08	20.86	22.00
10	64QAM	1	0	20.88	20.88	20.71	22.00
10	64QAM	1	25	21.11	21.11	20.91	22.00
10	64QAM	1	49	21.14	21.14	20.98	22.00
10	64QAM	25	0	19.81	19.88	19.70	21.00
10	64QAM	25	12	19.96	19.95	19.88	21.00
10	64QAM	25	25	19.99	20.08	19.93	21.00
10	64QAM	50	0	19.95	20.01	19.75	21.00
10	256QAM	1	0	17.86	17.93	17.74	19.00
10	256QAM	1	25	18.05	18.06	17.94	19.00
10	256QAM	1	49	18.34	18.38	18.32	19.00
10	256QAM	25	0	17.82	17.91	17.63	19.00
10	256QAM	25	12	18.07	18.00	17.80	19.00
10	256QAM	25	25	18.01	18.16	17.89	19.00
10	256QAM	50	0	18.01	18.12	17.91	19.00
Channel				26715	26865	27015	Tune-up limit
Frequency (MHz)				816.5	831.5	846.5	(dBm)
5	QPSK	1	0	23.10	23.10	22.94	24.00
5	QPSK	1	12	22.64	22.73	22.53	24.00
5	QPSK	1	24	22.80	23.08	22.74	24.00
5	QPSK	12	0	21.91	21.98	21.77	23.00
5	QPSK	12	7	21.91	21.92	21.72	23.00
5	QPSK	12	13	21.90	22.01	21.86	23.00
5	QPSK	25	0	21.97	22.00	21.78	23.00
5	16QAM	1	0	21.83	21.97	21.73	23.00
5	16QAM	1	12	22.11	22.31	22.12	23.00
5	16QAM	1	24	22.23	22.22	22.01	23.00
5	16QAM	12	0	20.85	20.91	20.72	22.00
5	16QAM	12	7	20.86	20.97	20.66	22.00
5	16QAM	12	13	21.05	21.10	20.89	22.00
5	16QAM	25	0	20.95	21.09	20.85	22.00
5	64QAM	1	0	20.80	20.87	20.62	22.00
5	64QAM	1	12	21.10	21.19	20.99	22.00
5	64QAM	1	24	21.20	21.21	20.97	22.00
5	64QAM	12	0	19.90	19.96	19.67	21.00
5	64QAM	12	7	20.01	20.04	19.82	21.00
5	64QAM	12	13	20.04	20.07	19.92	21.00
5	64QAM	25	0	20.01	20.02	19.85	21.00
5	256QAM	1	0	17.84	17.87	17.84	19.00
5	256QAM	1	12	18.03	18.13	18.06	19.00
5	256QAM	1	24	18.35	18.42	18.28	19.00
5	256QAM	12	0	17.85	17.93	17.72	19.00
5	256QAM	12	7	18.04	17.99	17.77	19.00
5	256QAM	12	13	18.11	18.19	17.95	19.00
5	256QAM	25	0	17.94	18.12	17.84	19.00
Channel				26705	26865	27025	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	QPSK	1	0	22.98	23.04	22.88	24.00
3	QPSK	1	8	22.69	22.83	22.60	24.00
3	QPSK	1	14	22.93	23.03	22.85	24.00
3	QPSK	8	0	21.90	22.00	21.71	23.00
3	QPSK	8	4	21.83	22.02	21.71	23.00
3	QPSK	8	7	21.94	22.03	21.77	23.00
3	QPSK	15	0	21.97	22.09	21.79	23.00
3	16QAM	1	0	21.83	22.00	21.77	23.00
3	16QAM	1	8	22.08	22.29	22.01	23.00
3	16QAM	1	14	22.17	22.21	22.04	23.00
3	16QAM	8	0	20.84	20.94	20.73	22.00
3	16QAM	8	4	20.83	20.92	20.73	22.00
3	16QAM	8	7	21.00	21.18	20.92	22.00
3	16QAM	15	0	20.94	21.06	20.87	22.00
3	64QAM	1	0	20.86	20.88	20.63	22.00
3	64QAM	1	8	21.04	21.19	21.01	22.00
3	64QAM	1	14	21.08	21.18	20.98	22.00
3	64QAM	8	0	19.79	20.00	19.61	21.00
3	64QAM	8	4	19.98	20.00	19.83	21.00
3	64QAM	8	7	20.04	20.07	19.92	21.00
3	64QAM	15	0	20.01	20.07	19.85	21.00
3	256QAM	1	0	17.89	17.94	17.72	19.00
3	256QAM	1	8	17.99	18.07	18.00	19.00
3	256QAM	1	14	18.30	18.40	18.28	19.00

3	256QAM	8	0	17.82	17.95	17.74	19.00
3	256QAM	8	4	17.99	17.98	17.86	19.00
3	256QAM	8	7	18.11	18.20	17.97	19.00
3	256QAM	15	0	17.93	18.08	17.90	19.00
Channel				26697	26865	27033	Tune-up limit (dBm)
Frequency (MHz)				814.7	831.5	848.3	
1.4	QPSK	1	0	23.00	23.13	22.92	24.00
1.4	QPSK	1	3	22.62	22.80	22.64	24.00
1.4	QPSK	1	5	22.87	23.06	22.79	24.00
1.4	QPSK	3	0	22.98	22.96	22.80	24.00
1.4	QPSK	3	1	22.89	22.97	22.71	24.00
1.4	QPSK	3	3	22.95	23.02	22.85	24.00
1.4	QPSK	6	0	22.00	21.99	21.84	23.00
1.4	16QAM	1	0	21.90	21.97	21.77	23.00
1.4	16QAM	1	3	22.12	22.23	22.14	23.00
1.4	16QAM	1	5	22.20	22.25	22.05	23.00
1.4	16QAM	3	0	21.84	21.89	21.79	23.00
1.4	16QAM	3	1	21.74	21.86	21.75	23.00
1.4	16QAM	3	3	22.05	22.08	21.89	23.00
1.4	16QAM	6	0	20.94	21.08	20.81	22.00
1.4	64QAM	1	0	20.83	20.86	20.70	22.00
1.4	64QAM	1	3	21.08	21.14	20.95	22.00
1.4	64QAM	1	5	21.11	21.18	21.04	22.00
1.4	64QAM	3	0	20.82	20.98	20.73	22.00
1.4	64QAM	3	1	20.91	21.03	20.87	22.00
1.4	64QAM	3	3	20.97	21.03	20.98	22.00
1.4	64QAM	6	0	19.99	20.07	19.75	21.00
1.4	256QAM	1	0	17.85	17.98	17.78	19.00
1.4	256QAM	1	3	18.01	18.14	18.00	19.00
1.4	256QAM	1	5	18.35	18.49	18.27	19.00
1.4	256QAM	3	0	17.75	17.98	17.69	19.00
1.4	256QAM	3	1	18.05	18.07	17.84	19.00
1.4	256QAM	3	3	18.13	18.19	17.96	19.00
1.4	256QAM	6	0	18.00	18.09	17.89	19.00

【LTE Band 26_FCC (814-849MHz)_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				26765	26865	26965	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	23.12	23.14	22.99	24.00
15	QPSK	1	37	22.74	22.85	22.67	24.00
15	QPSK	1	74	22.95	23.10	22.86	24.00
15	QPSK	36	0	22.05	22.10	21.91	23.00
15	QPSK	36	20	21.93	22.05	21.86	23.00
15	QPSK	36	39	22.04	22.07	21.88	23.00
15	QPSK	75	0	22.02	22.13	21.85	23.00
15	16QAM	1	0	21.96	22.08	21.84	23.00
15	16QAM	1	37	22.18	22.34	22.15	23.00
15	16QAM	1	74	22.28	22.33	22.16	23.00
15	16QAM	36	0	20.91	21.02	20.86	22.00
15	16QAM	36	20	20.89	21.00	20.76	22.00
15	16QAM	36	39	21.13	21.22	20.97	22.00
15	16QAM	75	0	21.03	21.15	20.95	22.00
15	64QAM	1	0	20.91	20.99	20.74	22.00
15	64QAM	1	37	21.15	21.23	21.04	22.00
15	64QAM	1	74	21.22	21.25	21.09	22.00
15	64QAM	36	0	19.93	20.02	19.74	21.00
15	64QAM	36	20	20.06	20.09	19.89	21.00
15	64QAM	36	39	20.07	20.18	20.03	21.00
15	64QAM	75	0	20.09	20.13	19.86	21.00
15	256QAM	1	0	17.93	18.01	17.86	19.00
15	256QAM	1	37	18.13	18.20	18.07	19.00
15	256QAM	1	74	18.38	18.51	18.35	19.00
15	256QAM	36	0	17.89	18.00	17.76	19.00
15	256QAM	36	20	18.08	18.12	17.89	19.00
15	256QAM	36	39	18.15	18.25	18.03	19.00
15	256QAM	75	0	18.07	18.14	17.97	19.00
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	22.98	22.99	22.85	24.00
10	QPSK	1	25	22.70	22.82	22.63	24.00

10	QPSK	1	49	22.83	23.03	22.81	24.00
10	QPSK	25	0	21.92	22.06	21.77	23.00
10	QPSK	25	12	21.82	21.92	21.72	23.00
10	QPSK	25	25	21.95	22.01	21.79	23.00
10	QPSK	50	0	21.91	22.03	21.72	23.00
10	16QAM	1	0	21.86	22.04	21.75	23.00
10	16QAM	1	25	22.08	22.20	22.03	23.00
10	16QAM	1	49	22.25	22.25	22.11	23.00
10	16QAM	25	0	20.80	20.95	20.81	22.00
10	16QAM	25	12	20.81	20.92	20.72	22.00
10	16QAM	25	25	21.08	21.11	20.94	22.00
10	16QAM	50	0	21.00	21.08	20.86	22.00
10	64QAM	1	0	20.88	20.88	20.71	22.00
10	64QAM	1	25	21.11	21.11	20.91	22.00
10	64QAM	1	49	21.14	21.14	20.98	22.00
10	64QAM	25	0	19.81	19.88	19.70	21.00
10	64QAM	25	12	19.96	19.95	19.88	21.00
10	64QAM	25	25	19.99	20.08	19.93	21.00
10	64QAM	50	0	19.95	20.01	19.75	21.00
10	256QAM	1	0	17.86	17.93	17.74	19.00
10	256QAM	1	25	18.05	18.06	17.94	19.00
10	256QAM	1	49	18.34	18.38	18.32	19.00
10	256QAM	25	0	17.82	17.91	17.63	19.00
10	256QAM	25	12	18.07	18.00	17.80	19.00
10	256QAM	25	25	18.01	18.16	17.89	19.00
10	256QAM	50	0	18.01	18.12	17.91	19.00
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	23.10	23.10	22.94	24.00
5	QPSK	1	12	22.64	22.73	22.53	24.00
5	QPSK	1	24	22.80	23.08	22.74	24.00
5	QPSK	12	0	21.91	21.98	21.77	23.00
5	QPSK	12	7	21.91	21.92	21.72	23.00
5	QPSK	12	13	21.90	22.01	21.86	23.00
5	QPSK	25	0	21.97	22.00	21.78	23.00
5	16QAM	1	0	21.83	21.97	21.73	23.00
5	16QAM	1	12	22.11	22.31	22.12	23.00
5	16QAM	1	24	22.23	22.22	22.01	23.00
5	16QAM	12	0	20.85	20.91	20.72	22.00
5	16QAM	12	7	20.86	20.97	20.66	22.00
5	16QAM	12	13	21.05	21.10	20.89	22.00
5	16QAM	25	0	20.95	21.09	20.85	22.00
5	64QAM	1	0	20.80	20.87	20.62	22.00
5	64QAM	1	12	21.10	21.19	20.99	22.00
5	64QAM	1	24	21.20	21.21	20.97	22.00
5	64QAM	12	0	19.90	19.96	19.67	21.00
5	64QAM	12	7	20.01	20.04	19.82	21.00
5	64QAM	12	13	20.04	20.07	19.92	21.00
5	64QAM	25	0	20.01	20.02	19.85	21.00
5	256QAM	1	0	17.84	17.87	17.84	19.00
5	256QAM	1	12	18.03	18.13	18.06	19.00
5	256QAM	1	24	18.35	18.42	18.28	19.00
5	256QAM	12	0	17.85	17.93	17.72	19.00
5	256QAM	12	7	18.04	17.99	17.77	19.00
5	256QAM	12	13	18.11	18.19	17.95	19.00
5	256QAM	25	0	17.94	18.12	17.84	19.00
Channel				26705	26865	27025	Tune-up limit (dBm)
Frequency (MHz)				815.5	831.5	847.5	
3	QPSK	1	0	22.98	23.04	22.88	24.00
3	QPSK	1	8	22.69	22.83	22.60	24.00
3	QPSK	1	14	22.93	23.03	22.85	24.00
3	QPSK	8	0	21.90	22.00	21.71	23.00
3	QPSK	8	4	21.83	22.02	21.71	23.00
3	QPSK	8	7	21.94	22.03	21.77	23.00
3	QPSK	15	0	21.97	22.09	21.79	23.00
3	16QAM	1	0	21.83	22.00	21.77	23.00
3	16QAM	1	8	22.08	22.29	22.01	23.00
3	16QAM	1	14	22.17	22.21	22.04	23.00
3	16QAM	8	0	20.84	20.94	20.73	22.00
3	16QAM	8	4	20.83	20.92	20.73	22.00
3	16QAM	8	7	21.00	21.18	20.92	22.00
3	16QAM	15	0	20.94	21.06	20.87	22.00
3	64QAM	1	0	20.86	20.88	20.63	22.00
3	64QAM	1	8	21.04	21.19	21.01	22.00
3	64QAM	1	14	21.08	21.18	20.98	22.00
3	64QAM	8	0	19.79	20.00	19.61	21.00
3	64QAM	8	4	19.98	20.00	19.83	21.00
3	64QAM	8	7	20.04	20.07	19.92	21.00

3	64QAM	15	0	20.01	20.07	19.85	21.00
3	256QAM	1	0	17.89	17.94	17.72	19.00
3	256QAM	1	8	17.99	18.07	18.00	19.00
3	256QAM	1	14	18.30	18.40	18.28	19.00
3	256QAM	8	0	17.82	17.95	17.74	19.00
3	256QAM	8	4	17.99	17.98	17.86	19.00
3	256QAM	8	7	18.11	18.20	17.97	19.00
3	256QAM	15	0	17.93	18.08	17.90	19.00
Channel				26697	26865	27033	Tune-up limit
Frequency (MHz)				814.7	831.5	848.3	(dBm)
1.4	QPSK	1	0	23.00	23.13	22.92	24.00
1.4	QPSK	1	3	22.62	22.80	22.64	24.00
1.4	QPSK	1	5	22.87	23.06	22.79	24.00
1.4	QPSK	3	0	22.98	22.96	22.80	24.00
1.4	QPSK	3	1	22.89	22.97	22.71	24.00
1.4	QPSK	3	3	22.95	23.02	22.85	24.00
1.4	QPSK	6	0	22.00	21.99	21.84	23.00
1.4	16QAM	1	0	21.90	21.97	21.77	23.00
1.4	16QAM	1	3	22.12	22.23	22.14	23.00
1.4	16QAM	1	5	22.20	22.25	22.05	23.00
1.4	16QAM	3	0	21.84	21.89	21.79	23.00
1.4	16QAM	3	1	21.74	21.86	21.75	23.00
1.4	16QAM	3	3	22.05	22.08	21.89	23.00
1.4	16QAM	6	0	20.94	21.08	20.81	22.00
1.4	64QAM	1	0	20.83	20.86	20.70	22.00
1.4	64QAM	1	3	21.08	21.14	20.95	22.00
1.4	64QAM	1	5	21.11	21.18	21.04	22.00
1.4	64QAM	3	0	20.82	20.98	20.73	22.00
1.4	64QAM	3	1	20.91	21.03	20.87	22.00
1.4	64QAM	3	3	20.97	21.03	20.98	22.00
1.4	64QAM	6	0	19.99	20.07	19.75	21.00
1.4	256QAM	1	0	17.85	17.98	17.78	19.00
1.4	256QAM	1	3	18.01	18.14	18.00	19.00
1.4	256QAM	1	5	18.35	18.49	18.27	19.00
1.4	256QAM	3	0	17.75	17.98	17.69	19.00
1.4	256QAM	3	1	18.05	18.07	17.84	19.00
1.4	256QAM	3	3	18.13	18.19	17.96	19.00
1.4	256QAM	6	0	18.00	18.09	17.89	19.00

【LTE Band 26__FCC (814~849MHz)_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				26765	26865	26965	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	20.93	21.08	20.87	22.00
15	QPSK	1	37	20.77	21.04	20.76	22.00
15	QPSK	1	74	20.86	21.00	20.80	22.00
15	QPSK	36	0	20.91	20.93	20.87	22.00
15	QPSK	36	20	20.85	20.92	20.81	22.00
15	QPSK	36	39	20.83	20.92	20.87	22.00
15	QPSK	75	0	20.90	21.07	20.83	22.00
15	16QAM	1	0	20.87	21.06	20.67	22.00
15	16QAM	1	37	20.87	21.09	20.72	22.00
15	16QAM	1	74	20.85	20.95	20.75	22.00
15	16QAM	36	0	20.92	21.10	20.75	22.00
15	16QAM	36	20	20.77	20.97	20.77	22.00
15	16QAM	36	39	20.95	20.89	20.67	22.00
15	16QAM	75	0	20.72	20.86	20.85	22.00
15	64QAM	1	0	20.79	21.01	20.68	22.00
15	64QAM	1	37	20.75	21.03	20.84	22.00
15	64QAM	1	74	20.76	20.92	20.84	22.00
15	64QAM	36	0	19.81	20.01	19.79	21.00
15	64QAM	36	20	19.89	20.05	19.75	21.00
15	64QAM	36	39	19.93	20.11	19.83	21.00
15	64QAM	75	0	19.78	20.07	19.83	21.00
15	256QAM	1	0	17.91	18.11	17.86	19.00
15	256QAM	1	37	17.89	18.05	17.82	19.00
15	256QAM	1	74	18.03	18.31	18.08	19.00
15	256QAM	36	0	17.81	18.05	17.81	19.00
15	256QAM	36	20	17.95	18.12	17.80	19.00
15	256QAM	36	39	17.88	18.11	17.88	19.00
15	256QAM	75	0	17.78	18.05	17.81	19.00

Channel				26740	26865	26990	Tune-up limit
Frequency (MHz)				819	831.5	844	(dBm)
10	QPSK	1	0	20.91	21.05	20.82	22.00
10	QPSK	1	25	20.64	20.99	20.64	22.00
10	QPSK	1	49	20.78	20.88	20.72	22.00
10	QPSK	25	0	20.90	20.89	20.84	22.00
10	QPSK	25	12	20.78	20.77	20.67	22.00
10	QPSK	25	25	20.68	20.82	20.79	22.00
10	QPSK	50	0	20.79	20.95	20.79	22.00
10	16QAM	1	0	20.78	20.96	20.62	22.00
10	16QAM	1	25	20.74	20.95	20.58	22.00
10	16QAM	1	49	20.82	20.82	20.67	22.00
10	16QAM	25	0	20.79	21.01	20.67	22.00
10	16QAM	25	12	20.68	20.88	20.75	22.00
10	16QAM	25	25	20.89	20.84	20.64	22.00
10	16QAM	50	0	20.62	20.85	20.80	22.00
10	64QAM	1	0	20.71	20.97	20.64	22.00
10	64QAM	1	25	20.71	20.99	20.79	22.00
10	64QAM	1	49	20.67	20.85	20.71	22.00
10	64QAM	25	0	19.72	19.96	19.65	21.00
10	64QAM	25	12	19.76	20.04	19.69	21.00
10	64QAM	25	25	19.87	20.07	19.75	21.00
10	64QAM	50	0	19.67	20.06	19.80	21.00
10	256QAM	1	0	17.79	17.98	17.78	19.00
10	256QAM	1	25	17.84	18.01	17.73	19.00
10	256QAM	1	49	17.89	18.28	18.06	19.00
10	256QAM	25	0	17.66	18.01	17.78	19.00
10	256QAM	25	12	17.84	18.01	17.73	19.00
10	256QAM	25	25	17.85	18.09	17.84	19.00
10	256QAM	50	0	17.73	17.90	17.72	19.00
Channel				26715	26865	27015	Tune-up limit
Frequency (MHz)				816.5	831.5	846.5	(dBm)
5	QPSK	1	0	20.91	21.05	20.81	22.00
5	QPSK	1	12	20.66	20.90	20.64	22.00
5	QPSK	1	24	20.78	20.94	20.65	22.00
5	QPSK	12	0	20.84	20.84	20.72	22.00
5	QPSK	12	7	20.79	20.82	20.77	22.00
5	QPSK	12	13	20.69	20.90	20.84	22.00
5	QPSK	25	0	20.76	21.06	20.68	22.00
5	16QAM	1	0	20.75	20.93	20.62	22.00
5	16QAM	1	12	20.79	21.03	20.68	22.00
5	16QAM	1	24	20.72	20.86	20.62	22.00
5	16QAM	12	0	20.91	21.08	20.68	22.00
5	16QAM	12	7	20.71	20.84	20.73	22.00
5	16QAM	12	13	20.88	20.78	20.65	22.00
5	16QAM	25	0	20.59	20.79	20.75	22.00
5	64QAM	1	0	20.75	20.88	20.56	22.00
5	64QAM	1	12	20.63	20.92	20.71	22.00
5	64QAM	1	24	20.68	20.89	20.80	22.00
5	64QAM	12	0	19.70	19.99	19.72	21.00
5	64QAM	12	7	19.75	19.99	19.61	21.00
5	64QAM	12	13	19.83	20.03	19.77	21.00
5	64QAM	25	0	19.77	20.00	19.72	21.00
5	256QAM	1	0	17.77	18.06	17.82	19.00
5	256QAM	1	12	17.83	18.03	17.81	19.00
5	256QAM	1	24	17.99	18.24	18.00	19.00
5	256QAM	12	0	17.79	17.99	17.77	19.00
5	256QAM	12	7	17.93	18.00	17.77	19.00
5	256QAM	12	13	17.76	17.98	17.77	19.00
5	256QAM	25	0	17.72	17.93	17.67	19.00
Channel				26705	26865	27025	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	QPSK	1	0	20.90	20.94	20.83	22.00
3	QPSK	1	8	20.70	21.01	20.65	22.00
3	QPSK	1	14	20.74	20.92	20.74	22.00
3	QPSK	8	0	20.79	20.79	20.79	22.00
3	QPSK	8	4	20.78	20.77	20.74	22.00
3	QPSK	8	7	20.82	20.85	20.78	22.00
3	QPSK	15	0	20.86	21.03	20.75	22.00
3	16QAM	1	0	20.73	21.02	20.62	22.00
3	16QAM	1	8	20.72	21.01	20.71	22.00
3	16QAM	1	14	20.80	20.86	20.61	22.00
3	16QAM	8	0	20.89	20.98	20.74	22.00
3	16QAM	8	4	20.62	20.85	20.68	22.00
3	16QAM	8	7	20.81	20.75	20.58	22.00
3	16QAM	15	0	20.70	20.80	20.71	22.00
3	64QAM	1	0	20.72	20.88	20.55	22.00
3	64QAM	1	8	20.70	21.02	20.78	22.00

3	64QAM	1	14	20.64	20.86	20.78	22.00
3	64QAM	8	0	19.72	19.93	19.77	21.00
3	64QAM	8	4	19.82	19.97	19.64	21.00
3	64QAM	8	7	19.82	20.05	19.78	21.00
3	64QAM	15	0	19.66	19.96	19.75	21.00
3	256QAM	1	0	17.78	18.05	17.74	19.00
3	256QAM	1	8	17.88	17.97	17.80	19.00
3	256QAM	1	14	17.92	18.26	17.97	19.00
3	256QAM	8	0	17.73	17.95	17.67	19.00
3	256QAM	8	4	17.89	17.98	17.65	19.00
3	256QAM	8	7	17.81	17.99	17.78	19.00
3	256QAM	15	0	17.68	17.99	17.70	19.00
Channel				26697	26865	27033	Tune-up limit (dBm)
Frequency (MHz)				814.7	831.5	848.3	
1.4	QPSK	1	0	20.83	21.03	20.83	22.00
1.4	QPSK	1	3	20.64	20.98	20.63	22.00
1.4	QPSK	1	5	20.72	20.88	20.67	22.00
1.4	QPSK	3	0	20.80	20.84	20.72	22.00
1.4	QPSK	3	1	20.77	20.78	20.69	22.00
1.4	QPSK	3	3	20.77	20.87	20.76	22.00
1.4	QPSK	6	0	20.76	20.93	20.70	22.00
1.4	16QAM	1	0	20.77	21.02	20.63	22.00
1.4	16QAM	1	3	20.76	20.96	20.58	22.00
1.4	16QAM	1	5	20.76	20.88	20.71	22.00
1.4	16QAM	3	0	20.86	21.04	20.67	22.00
1.4	16QAM	3	1	20.72	20.91	20.64	22.00
1.4	16QAM	3	3	20.85	20.75	20.53	22.00
1.4	16QAM	6	0	20.63	20.75	20.75	22.00
1.4	64QAM	1	0	20.69	20.88	20.65	22.00
1.4	64QAM	1	3	20.73	20.97	20.80	22.00
1.4	64QAM	1	5	20.68	20.85	20.78	22.00
1.4	64QAM	3	0	20.76	20.92	20.69	22.00
1.4	64QAM	3	1	20.82	21.01	20.70	22.00
1.4	64QAM	3	3	20.91	20.98	20.74	22.00
1.4	64QAM	6	0	19.71	19.97	19.74	21.00
1.4	256QAM	1	0	17.89	17.96	17.82	19.00
1.4	256QAM	1	3	17.81	18.02	17.67	19.00
1.4	256QAM	1	5	18.01	18.17	17.98	19.00
1.4	256QAM	3	0	17.69	17.95	17.69	19.00
1.4	256QAM	3	1	17.82	18.01	17.68	19.00
1.4	256QAM	3	3	17.76	18.09	17.74	19.00
1.4	256QAM	6	0	17.63	17.95	17.76	19.00

【LTE Band 26_FCC (814~849MHz)_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				26765	26865	26965	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	23.12	23.14	22.99	24.00
15	QPSK	1	37	22.74	22.85	22.67	24.00
15	QPSK	1	74	22.95	23.10	22.86	24.00
15	QPSK	36	0	22.05	22.10	21.91	23.00
15	QPSK	36	20	21.93	22.05	21.86	23.00
15	QPSK	36	39	22.04	22.07	21.88	23.00
15	QPSK	75	0	22.02	22.13	21.85	23.00
15	16QAM	1	0	21.96	22.08	21.84	23.00
15	16QAM	1	37	22.18	22.34	22.15	23.00
15	16QAM	1	74	22.28	22.33	22.16	23.00
15	16QAM	36	0	20.91	21.02	20.86	22.00
15	16QAM	36	20	20.89	21.00	20.76	22.00
15	16QAM	36	39	21.13	21.22	20.97	22.00
15	16QAM	75	0	21.03	21.15	20.95	22.00
15	64QAM	1	0	20.91	20.99	20.74	22.00
15	64QAM	1	37	21.15	21.23	21.04	22.00
15	64QAM	1	74	21.22	21.25	21.09	22.00
15	64QAM	36	0	19.93	20.02	19.74	21.00
15	64QAM	36	20	20.06	20.09	19.89	21.00
15	64QAM	36	39	20.07	20.18	20.03	21.00
15	64QAM	75	0	20.09	20.13	19.86	21.00
15	256QAM	1	0	17.93	18.01	17.86	19.00
15	256QAM	1	37	18.13	18.20	18.07	19.00
15	256QAM	1	74	18.38	18.51	18.35	19.00

15	256QAM	36	0	17.89	18.00	17.76	19.00
15	256QAM	36	20	18.08	18.12	17.89	19.00
15	256QAM	36	39	18.15	18.25	18.03	19.00
15	256QAM	75	0	18.07	18.14	17.97	19.00
Channel				26740	26865	26990	Tune-up limit
Frequency (MHz)				819	831.5	844	(dBm)
10	QPSK	1	0	22.98	22.99	22.85	24.00
10	QPSK	1	25	22.70	22.82	22.63	24.00
10	QPSK	1	49	22.83	23.03	22.81	24.00
10	QPSK	25	0	21.92	22.06	21.77	23.00
10	QPSK	25	12	21.82	21.92	21.72	23.00
10	QPSK	25	25	21.95	22.01	21.79	23.00
10	QPSK	50	0	21.91	22.03	21.72	23.00
10	16QAM	1	0	21.86	22.04	21.75	23.00
10	16QAM	1	25	22.08	22.20	22.03	23.00
10	16QAM	1	49	22.25	22.25	22.11	23.00
10	16QAM	25	0	20.80	20.95	20.81	22.00
10	16QAM	25	12	20.81	20.92	20.72	22.00
10	16QAM	25	25	21.08	21.11	20.94	22.00
10	16QAM	50	0	21.00	21.08	20.86	22.00
10	64QAM	1	0	20.88	20.88	20.71	22.00
10	64QAM	1	25	21.11	21.11	20.91	22.00
10	64QAM	1	49	21.14	21.14	20.98	22.00
10	64QAM	25	0	19.81	19.88	19.70	21.00
10	64QAM	25	12	19.96	19.95	19.88	21.00
10	64QAM	25	25	19.99	20.08	19.93	21.00
10	64QAM	50	0	19.95	20.01	19.75	21.00
10	256QAM	1	0	17.86	17.93	17.74	19.00
10	256QAM	1	25	18.05	18.06	17.94	19.00
10	256QAM	1	49	18.34	18.38	18.32	19.00
10	256QAM	25	0	17.82	17.91	17.63	19.00
10	256QAM	25	12	18.07	18.00	17.80	19.00
10	256QAM	25	25	18.01	18.16	17.89	19.00
10	256QAM	50	0	18.01	18.12	17.91	19.00
Channel				26715	26865	27015	Tune-up limit
Frequency (MHz)				816.5	831.5	846.5	(dBm)
5	QPSK	1	0	23.10	23.10	22.94	24.00
5	QPSK	1	12	22.64	22.73	22.53	24.00
5	QPSK	1	24	22.80	23.08	22.74	24.00
5	QPSK	12	0	21.91	21.98	21.77	23.00
5	QPSK	12	7	21.91	21.92	21.72	23.00
5	QPSK	12	13	21.90	22.01	21.86	23.00
5	QPSK	25	0	21.97	22.00	21.78	23.00
5	16QAM	1	0	21.83	21.97	21.73	23.00
5	16QAM	1	12	22.11	22.31	22.12	23.00
5	16QAM	1	24	22.23	22.22	22.01	23.00
5	16QAM	12	0	20.85	20.91	20.72	22.00
5	16QAM	12	7	20.86	20.97	20.66	22.00
5	16QAM	12	13	21.05	21.10	20.89	22.00
5	16QAM	25	0	20.95	21.09	20.85	22.00
5	64QAM	1	0	20.80	20.87	20.62	22.00
5	64QAM	1	12	21.10	21.19	20.99	22.00
5	64QAM	1	24	21.20	21.21	20.97	22.00
5	64QAM	12	0	19.90	19.96	19.67	21.00
5	64QAM	12	7	20.01	20.04	19.82	21.00
5	64QAM	12	13	20.04	20.07	19.92	21.00
5	64QAM	25	0	20.01	20.02	19.85	21.00
5	256QAM	1	0	17.84	17.87	17.84	19.00
5	256QAM	1	12	18.03	18.13	18.06	19.00
5	256QAM	1	24	18.35	18.42	18.28	19.00
5	256QAM	12	0	17.85	17.93	17.72	19.00
5	256QAM	12	7	18.04	17.99	17.77	19.00
5	256QAM	12	13	18.11	18.19	17.95	19.00
5	256QAM	25	0	17.94	18.12	17.84	19.00
Channel				26705	26865	27025	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	QPSK	1	0	22.98	23.04	22.88	24.00
3	QPSK	1	8	22.69	22.83	22.60	24.00
3	QPSK	1	14	22.93	23.03	22.85	24.00
3	QPSK	8	0	21.90	22.00	21.71	23.00
3	QPSK	8	4	21.83	22.02	21.71	23.00
3	QPSK	8	7	21.94	22.03	21.77	23.00
3	QPSK	15	0	21.97	22.09	21.79	23.00
3	16QAM	1	0	21.83	22.00	21.77	23.00
3	16QAM	1	8	22.08	22.29	22.01	23.00
3	16QAM	1	14	22.17	22.21	22.04	23.00
3	16QAM	8	0	20.84	20.94	20.73	22.00
3	16QAM	8	4	20.83	20.92	20.73	22.00

3	16QAM	8	7	21.00	21.18	20.92	22.00
3	16QAM	15	0	20.94	21.06	20.87	22.00
3	64QAM	1	0	20.86	20.88	20.63	22.00
3	64QAM	1	8	21.04	21.19	21.01	22.00
3	64QAM	1	14	21.08	21.18	20.98	22.00
3	64QAM	8	0	19.79	20.00	19.61	21.00
3	64QAM	8	4	19.98	20.00	19.83	21.00
3	64QAM	8	7	20.04	20.07	19.92	21.00
3	64QAM	15	0	20.01	20.07	19.85	21.00
3	256QAM	1	0	17.89	17.94	17.72	19.00
3	256QAM	1	8	17.99	18.07	18.00	19.00
3	256QAM	1	14	18.30	18.40	18.28	19.00
3	256QAM	8	0	17.82	17.95	17.74	19.00
3	256QAM	8	4	17.99	17.98	17.86	19.00
3	256QAM	8	7	18.11	18.20	17.97	19.00
3	256QAM	15	0	17.93	18.08	17.90	19.00
Channel				26697	26865	27033	Tune-up limit (dBm)
Frequency (MHz)				814.7	831.5	848.3	
1.4	QPSK	1	0	23.00	23.13	22.92	24.00
1.4	QPSK	1	3	22.62	22.80	22.64	24.00
1.4	QPSK	1	5	22.87	23.06	22.79	24.00
1.4	QPSK	3	0	22.98	22.96	22.80	24.00
1.4	QPSK	3	1	22.89	22.97	22.71	24.00
1.4	QPSK	3	3	22.95	23.02	22.85	24.00
1.4	QPSK	6	0	22.00	21.99	21.84	23.00
1.4	16QAM	1	0	21.90	21.97	21.77	23.00
1.4	16QAM	1	3	22.12	22.23	22.14	23.00
1.4	16QAM	1	5	22.20	22.25	22.05	23.00
1.4	16QAM	3	0	21.84	21.89	21.79	23.00
1.4	16QAM	3	1	21.74	21.86	21.75	23.00
1.4	16QAM	3	3	22.05	22.08	21.89	23.00
1.4	16QAM	6	0	20.94	21.08	20.81	22.00
1.4	64QAM	1	0	20.83	20.86	20.70	22.00
1.4	64QAM	1	3	21.08	21.14	20.95	22.00
1.4	64QAM	1	5	21.11	21.18	21.04	22.00
1.4	64QAM	3	0	20.82	20.98	20.73	22.00
1.4	64QAM	3	1	20.91	21.03	20.87	22.00
1.4	64QAM	3	3	20.97	21.03	20.98	22.00
1.4	64QAM	6	0	19.99	20.07	19.75	21.00
1.4	256QAM	1	0	17.85	17.98	17.78	19.00
1.4	256QAM	1	3	18.01	18.14	18.00	19.00
1.4	256QAM	1	5	18.35	18.49	18.27	19.00
1.4	256QAM	3	0	17.75	17.98	17.69	19.00
1.4	256QAM	3	1	18.05	18.07	17.84	19.00
1.4	256QAM	3	3	18.13	18.19	17.96	19.00
1.4	256QAM	6	0	18.00	18.09	17.89	19.00

【LTE Band 26_FCC (814~849MHz)_Ant 1_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26765	26865	26965	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	23.12	23.14	22.99	24.00
15	QPSK	1	37	22.74	22.85	22.67	24.00
15	QPSK	1	74	22.95	23.10	22.86	24.00
15	QPSK	36	0	22.05	22.10	21.91	23.00
15	QPSK	36	20	21.93	22.05	21.86	23.00
15	QPSK	36	39	22.04	22.07	21.88	23.00
15	QPSK	75	0	22.02	22.13	21.85	23.00
15	16QAM	1	0	21.96	22.08	21.84	23.00
15	16QAM	1	37	22.18	22.34	22.15	23.00
15	16QAM	1	74	22.28	22.33	22.16	23.00
15	16QAM	36	0	20.91	21.02	20.86	22.00
15	16QAM	36	20	20.89	21.00	20.76	22.00
15	16QAM	36	39	21.13	21.22	20.97	22.00
15	16QAM	75	0	21.03	21.15	20.95	22.00
15	64QAM	1	0	20.91	20.99	20.74	22.00
15	64QAM	1	37	21.15	21.23	21.04	22.00
15	64QAM	1	74	21.22	21.25	21.09	22.00
15	64QAM	36	0	19.93	20.02	19.74	21.00
15	64QAM	36	20	20.06	20.09	19.89	21.00
15	64QAM	36	39	20.07	20.18	20.03	21.00

15	64QAM	75	0	20.09	20.13	19.86	21.00
15	256QAM	1	0	17.93	18.01	17.86	19.00
15	256QAM	1	37	18.13	18.20	18.07	19.00
15	256QAM	1	74	18.38	18.51	18.35	19.00
15	256QAM	36	0	17.89	18.00	17.76	19.00
15	256QAM	36	20	18.08	18.12	17.89	19.00
15	256QAM	36	39	18.15	18.25	18.03	19.00
15	256QAM	75	0	18.07	18.14	17.97	19.00
Channel				26740	26865	26990	Tune-up limit
Frequency (MHz)				819	831.5	844	(dBm)
10	QPSK	1	0	22.98	22.99	22.85	24.00
10	QPSK	1	25	22.70	22.82	22.63	24.00
10	QPSK	1	49	22.83	23.03	22.81	24.00
10	QPSK	25	0	21.92	22.06	21.77	23.00
10	QPSK	25	12	21.82	21.92	21.72	23.00
10	QPSK	25	25	21.95	22.01	21.79	23.00
10	QPSK	50	0	21.91	22.03	21.72	23.00
10	16QAM	1	0	21.86	22.04	21.75	23.00
10	16QAM	1	25	22.08	22.20	22.03	23.00
10	16QAM	1	49	22.25	22.25	22.11	23.00
10	16QAM	25	0	20.80	20.95	20.81	22.00
10	16QAM	25	12	20.81	20.92	20.72	22.00
10	16QAM	25	25	21.08	21.11	20.94	22.00
10	16QAM	50	0	21.00	21.08	20.86	22.00
10	64QAM	1	0	20.88	20.88	20.71	22.00
10	64QAM	1	25	21.11	21.11	20.91	22.00
10	64QAM	1	49	21.14	21.14	20.98	22.00
10	64QAM	25	0	19.81	19.88	19.70	21.00
10	64QAM	25	12	19.96	19.95	19.88	21.00
10	64QAM	25	25	19.99	20.08	19.93	21.00
10	64QAM	50	0	19.95	20.01	19.75	21.00
10	256QAM	1	0	17.86	17.93	17.74	19.00
10	256QAM	1	25	18.05	18.06	17.94	19.00
10	256QAM	1	49	18.34	18.38	18.32	19.00
10	256QAM	25	0	17.82	17.91	17.63	19.00
10	256QAM	25	12	18.07	18.00	17.80	19.00
10	256QAM	25	25	18.01	18.16	17.89	19.00
10	256QAM	50	0	18.01	18.12	17.91	19.00
Channel				26715	26865	27015	Tune-up limit
Frequency (MHz)				816.5	831.5	846.5	(dBm)
5	QPSK	1	0	23.10	23.10	22.94	24.00
5	QPSK	1	12	22.64	22.73	22.53	24.00
5	QPSK	1	24	22.80	23.08	22.74	24.00
5	QPSK	12	0	21.91	21.98	21.77	23.00
5	QPSK	12	7	21.91	21.92	21.72	23.00
5	QPSK	12	13	21.90	22.01	21.86	23.00
5	QPSK	25	0	21.97	22.00	21.78	23.00
5	16QAM	1	0	21.83	21.97	21.73	23.00
5	16QAM	1	12	22.11	22.31	22.12	23.00
5	16QAM	1	24	22.23	22.22	22.01	23.00
5	16QAM	12	0	20.85	20.91	20.72	22.00
5	16QAM	12	7	20.86	20.97	20.66	22.00
5	16QAM	12	13	21.05	21.10	20.89	22.00
5	16QAM	25	0	20.95	21.09	20.85	22.00
5	64QAM	1	0	20.80	20.87	20.62	22.00
5	64QAM	1	12	21.10	21.19	20.99	22.00
5	64QAM	1	24	21.20	21.21	20.97	22.00
5	64QAM	12	0	19.90	19.96	19.67	21.00
5	64QAM	12	7	20.01	20.04	19.82	21.00
5	64QAM	12	13	20.04	20.07	19.92	21.00
5	64QAM	25	0	20.01	20.02	19.85	21.00
5	256QAM	1	0	17.84	17.87	17.84	19.00
5	256QAM	1	12	18.03	18.13	18.06	19.00
5	256QAM	1	24	18.35	18.42	18.28	19.00
5	256QAM	12	0	17.85	17.93	17.72	19.00
5	256QAM	12	7	18.04	17.99	17.77	19.00
5	256QAM	12	13	18.11	18.19	17.95	19.00
5	256QAM	25	0	17.94	18.12	17.84	19.00
Channel				26705	26865	27025	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	QPSK	1	0	22.98	23.04	22.88	24.00
3	QPSK	1	8	22.69	22.83	22.60	24.00
3	QPSK	1	14	22.93	23.03	22.85	24.00
3	QPSK	8	0	21.90	22.00	21.71	23.00
3	QPSK	8	4	21.83	22.02	21.71	23.00
3	QPSK	8	7	21.94	22.03	21.77	23.00
3	QPSK	15	0	21.97	22.09	21.79	23.00
3	16QAM	1	0	21.83	22.00	21.77	23.00

3	16QAM	1	8	22.08	22.29	22.01	23.00
3	16QAM	1	14	22.17	22.21	22.04	23.00
3	16QAM	8	0	20.84	20.94	20.73	22.00
3	16QAM	8	4	20.83	20.92	20.73	22.00
3	16QAM	8	7	21.00	21.18	20.92	22.00
3	16QAM	15	0	20.94	21.06	20.87	22.00
3	64QAM	1	0	20.86	20.88	20.63	22.00
3	64QAM	1	8	21.04	21.19	21.01	22.00
3	64QAM	1	14	21.08	21.18	20.98	22.00
3	64QAM	8	0	19.79	20.00	19.61	21.00
3	64QAM	8	4	19.98	20.00	19.83	21.00
3	64QAM	8	7	20.04	20.07	19.92	21.00
3	64QAM	15	0	20.01	20.07	19.85	21.00
3	256QAM	1	0	17.89	17.94	17.72	19.00
3	256QAM	1	8	17.99	18.07	18.00	19.00
3	256QAM	1	14	18.30	18.40	18.28	19.00
3	256QAM	8	0	17.82	17.95	17.74	19.00
3	256QAM	8	4	17.99	17.98	17.86	19.00
3	256QAM	8	7	18.11	18.20	17.97	19.00
3	256QAM	15	0	17.93	18.08	17.90	19.00
Channel				26697	26865	27033	Tune-up limit (dBm)
Frequency (MHz)				814.7	831.5	848.3	
1.4	QPSK	1	0	23.00	23.13	22.92	24.00
1.4	QPSK	1	3	22.62	22.80	22.64	24.00
1.4	QPSK	1	5	22.87	23.06	22.79	24.00
1.4	QPSK	3	0	22.98	22.96	22.80	24.00
1.4	QPSK	3	1	22.89	22.97	22.71	24.00
1.4	QPSK	3	3	22.95	23.02	22.85	24.00
1.4	QPSK	6	0	22.00	21.99	21.84	23.00
1.4	16QAM	1	0	21.90	21.97	21.77	23.00
1.4	16QAM	1	3	22.12	22.23	22.14	23.00
1.4	16QAM	1	5	22.20	22.25	22.05	23.00
1.4	16QAM	3	0	21.84	21.89	21.79	23.00
1.4	16QAM	3	1	21.74	21.86	21.75	23.00
1.4	16QAM	3	3	22.05	22.08	21.89	23.00
1.4	16QAM	6	0	20.94	21.08	20.81	22.00
1.4	64QAM	1	0	20.83	20.86	20.70	22.00
1.4	64QAM	1	3	21.08	21.14	20.95	22.00
1.4	64QAM	1	5	21.11	21.18	21.04	22.00
1.4	64QAM	3	0	20.82	20.98	20.73	22.00
1.4	64QAM	3	1	20.91	21.03	20.87	22.00
1.4	64QAM	3	3	20.97	21.03	20.98	22.00
1.4	64QAM	6	0	19.99	20.07	19.75	21.00
1.4	256QAM	1	0	17.85	17.98	17.78	19.00
1.4	256QAM	1	3	18.01	18.14	18.00	19.00
1.4	256QAM	1	5	18.35	18.49	18.27	19.00
1.4	256QAM	3	0	17.75	17.98	17.69	19.00
1.4	256QAM	3	1	18.05	18.07	17.84	19.00
1.4	256QAM	3	3	18.13	18.19	17.96	19.00
1.4	256QAM	6	0	18.00	18.09	17.89	19.00

【LTE Band 26__FCC (814~849MHz)_Ant 1_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26765	26865	26965	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	18.53	18.61	18.56	19.70
15	QPSK	1	37	18.28	18.44	18.27	19.70
15	QPSK	1	74	18.19	18.40	18.21	19.70
15	QPSK	36	0	18.35	18.53	18.41	19.70
15	QPSK	36	20	18.33	18.49	18.35	19.70
15	QPSK	36	39	18.27	18.49	18.39	19.70
15	QPSK	75	0	18.37	18.50	18.42	19.70
15	16QAM	1	0	18.34	18.53	18.38	19.70
15	16QAM	1	37	18.37	18.54	18.47	19.70
15	16QAM	1	74	18.39	18.57	18.43	19.70
15	16QAM	36	0	18.26	18.42	18.27	19.70
15	16QAM	36	20	18.35	18.56	18.42	19.70
15	16QAM	36	39	18.31	18.48	18.40	19.70
15	16QAM	75	0	18.26	18.48	18.41	19.70
15	64QAM	1	0	18.42	18.57	18.49	19.70
15	64QAM	1	37	18.38	18.57	18.51	19.70

15	64QAM	1	74	18.41	18.63	18.47	19.70
15	64QAM	36	0	18.27	18.45	18.36	19.70
15	64QAM	36	20	18.44	18.53	18.41	19.70
15	64QAM	36	39	18.31	18.49	18.42	19.70
15	64QAM	75	0	18.33	18.54	18.42	19.70
15	256QAM	1	0	17.95	18.05	17.88	19.00
15	256QAM	1	37	17.95	18.12	17.98	19.00
15	256QAM	1	74	18.10	18.31	18.24	19.00
15	256QAM	36	0	17.79	17.95	17.79	19.00
15	256QAM	36	20	17.82	18.05	17.98	19.00
15	256QAM	36	39	17.98	18.12	18.00	19.00
15	256QAM	75	0	17.83	18.03	17.94	19.00
Channel				26740	26865	26990	Tune-up limit
Frequency (MHz)				819	831.5	844	(dBm)
10	QPSK	1	0	18.39	18.48	18.51	19.70
10	QPSK	1	25	18.27	18.33	18.22	19.70
10	QPSK	1	49	18.12	18.29	18.08	19.70
10	QPSK	25	0	18.23	18.44	18.40	19.70
10	QPSK	25	12	18.29	18.42	18.25	19.70
10	QPSK	25	25	18.24	18.46	18.28	19.70
10	QPSK	50	0	18.30	18.40	18.36	19.70
10	16QAM	1	0	18.23	18.42	18.31	19.70
10	16QAM	1	25	18.33	18.41	18.33	19.70
10	16QAM	1	49	18.25	18.49	18.36	19.70
10	16QAM	25	0	18.11	18.34	18.13	19.70
10	16QAM	25	12	18.31	18.41	18.38	19.70
10	16QAM	25	25	18.21	18.35	18.36	19.70
10	16QAM	50	0	18.22	18.41	18.33	19.70
10	64QAM	1	0	18.31	18.46	18.46	19.70
10	64QAM	1	25	18.33	18.43	18.46	19.70
10	64QAM	1	49	18.38	18.59	18.33	19.70
10	64QAM	25	0	18.20	18.31	18.30	19.70
10	64QAM	25	12	18.39	18.44	18.37	19.70
10	64QAM	25	25	18.27	18.38	18.33	19.70
10	64QAM	50	0	18.32	18.42	18.35	19.70
10	256QAM	1	0	17.81	18.03	17.83	19.00
10	256QAM	1	25	17.85	18.07	17.92	19.00
10	256QAM	1	49	17.99	18.19	18.15	19.00
10	256QAM	25	0	17.72	17.88	17.67	19.00
10	256QAM	25	12	17.80	17.91	17.94	19.00
10	256QAM	25	25	17.83	18.01	17.96	19.00
10	256QAM	50	0	17.68	17.97	17.85	19.00
Channel				26715	26865	27015	Tune-up limit
Frequency (MHz)				816.5	831.5	846.5	(dBm)
5	QPSK	1	0	18.42	18.58	18.48	19.70
5	QPSK	1	12	18.15	18.43	18.22	19.70
5	QPSK	1	24	18.07	18.35	18.18	19.70
5	QPSK	12	0	18.29	18.51	18.32	19.70
5	QPSK	12	7	18.31	18.47	18.27	19.70
5	QPSK	12	13	18.21	18.40	18.24	19.70
5	QPSK	25	0	18.30	18.48	18.37	19.70
5	16QAM	1	0	18.29	18.50	18.35	19.70
5	16QAM	1	12	18.27	18.41	18.36	19.70
5	16QAM	1	24	18.32	18.53	18.32	19.70
5	16QAM	12	0	18.24	18.39	18.13	19.70
5	16QAM	12	7	18.21	18.45	18.34	19.70
5	16QAM	12	13	18.29	18.39	18.27	19.70
5	16QAM	25	0	18.12	18.45	18.35	19.70
5	64QAM	1	0	18.28	18.42	18.39	19.70
5	64QAM	1	12	18.32	18.45	18.42	19.70
5	64QAM	1	24	18.36	18.50	18.44	19.70
5	64QAM	12	0	18.24	18.40	18.28	19.70
5	64QAM	12	7	18.38	18.48	18.27	19.70
5	64QAM	12	13	18.18	18.44	18.31	19.70
5	64QAM	25	0	18.18	18.50	18.36	19.70
5	256QAM	1	0	17.90	17.93	17.80	19.00
5	256QAM	1	12	17.93	18.11	17.93	19.00
5	256QAM	1	24	17.96	18.28	18.13	19.00
5	256QAM	12	0	17.73	17.82	17.77	19.00
5	256QAM	12	7	17.73	18.00	17.92	19.00
5	256QAM	12	13	17.92	18.03	17.94	19.00
5	256QAM	25	0	17.73	17.93	17.92	19.00
Channel				26705	26865	27025	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	QPSK	1	0	18.42	18.58	18.45	19.70
3	QPSK	1	8	18.14	18.31	18.13	19.70
3	QPSK	1	14	18.05	18.38	18.18	19.70
3	QPSK	8	0	18.32	18.50	18.29	19.70

3	QPSK	8	4	18.30	18.36	18.32	19.70
3	QPSK	8	7	18.23	18.39	18.30	19.70
3	QPSK	15	0	18.24	18.46	18.36	19.70
3	16QAM	1	0	18.27	18.44	18.29	19.70
3	16QAM	1	8	18.22	18.45	18.36	19.70
3	16QAM	1	14	18.34	18.55	18.28	19.70
3	16QAM	8	0	18.20	18.39	18.17	19.70
3	16QAM	8	4	18.20	18.52	18.35	19.70
3	16QAM	8	7	18.21	18.34	18.25	19.70
3	16QAM	15	0	18.20	18.40	18.34	19.70
3	64QAM	1	0	18.34	18.47	18.47	19.70
3	64QAM	1	8	18.35	18.52	18.43	19.70
3	64QAM	1	14	18.30	18.62	18.39	19.70
3	64QAM	8	0	18.18	18.37	18.29	19.70
3	64QAM	8	4	18.43	18.45	18.31	19.70
3	64QAM	8	7	18.22	18.46	18.29	19.70
3	64QAM	15	0	18.21	18.52	18.30	19.70
3	256QAM	1	0	17.85	17.95	17.82	19.00
3	256QAM	1	8	17.92	18.06	17.89	19.00
3	256QAM	1	14	17.97	18.28	18.12	19.00
3	256QAM	8	0	17.66	17.89	17.77	19.00
3	256QAM	8	4	17.70	17.98	17.96	19.00
3	256QAM	8	7	17.90	18.10	17.90	19.00
3	256QAM	15	0	17.82	17.89	17.89	19.00
Channel				26697	26865	27033	Tune-up limit (dBm)
Frequency (MHz)				814.7	831.5	848.3	
1.4	QPSK	1	0	18.46	18.48	18.50	19.70
1.4	QPSK	1	3	18.20	18.36	18.25	19.70
1.4	QPSK	1	5	18.13	18.31	18.09	19.70
1.4	QPSK	3	0	18.27	18.43	18.39	19.70
1.4	QPSK	3	1	18.23	18.48	18.25	19.70
1.4	QPSK	3	3	18.24	18.41	18.31	19.70
1.4	QPSK	6	0	18.27	18.44	18.40	19.70
1.4	16QAM	1	0	18.20	18.42	18.29	19.70
1.4	16QAM	1	3	18.25	18.47	18.36	19.70
1.4	16QAM	1	5	18.34	18.44	18.38	19.70
1.4	16QAM	3	0	18.16	18.41	18.18	19.70
1.4	16QAM	3	1	18.23	18.55	18.37	19.70
1.4	16QAM	3	3	18.20	18.39	18.34	19.70
1.4	16QAM	6	0	18.13	18.37	18.28	19.70
1.4	64QAM	1	0	18.35	18.48	18.43	19.70
1.4	64QAM	1	3	18.32	18.47	18.47	19.70
1.4	64QAM	1	5	18.32	18.55	18.44	19.70
1.4	64QAM	3	0	18.15	18.42	18.26	19.70
1.4	64QAM	3	1	18.29	18.44	18.36	19.70
1.4	64QAM	3	3	18.17	18.40	18.37	19.70
1.4	64QAM	6	0	18.26	18.51	18.37	19.70
1.4	256QAM	1	0	17.83	17.98	17.73	19.00
1.4	256QAM	1	3	17.86	18.09	17.86	19.00
1.4	256QAM	1	5	18.01	18.19	18.17	19.00
1.4	256QAM	3	0	17.65	17.91	17.71	19.00
1.4	256QAM	3	1	17.73	18.00	17.89	19.00
1.4	256QAM	3	3	17.85	18.10	17.94	19.00
1.4	256QAM	6	0	17.80	17.89	17.88	19.00

【LTE Band 38_Ant 0_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	22.56	22.64	22.54	24.00
20	QPSK	1	49	22.29	22.52	22.34	24.00
20	QPSK	1	99	22.28	22.47	22.26	24.00
20	QPSK	50	0	21.47	21.61	21.51	23.00
20	QPSK	50	24	21.46	21.59	21.44	23.00
20	QPSK	50	50	21.42	21.60	21.49	23.00
20	QPSK	100	0	21.35	21.53	21.32	23.00
20	16QAM	1	0	21.48	21.64	21.41	23.00
20	16QAM	1	49	21.50	21.62	21.48	23.00
20	16QAM	1	99	21.29	21.51	21.27	23.00
20	16QAM	50	0	20.40	20.57	20.37	22.00
20	16QAM	50	24	20.40	20.56	20.44	22.00

20	16QAM	50	50	20.42	20.61	20.51	22.00
20	16QAM	100	0	20.36	20.55	20.44	22.00
20	64QAM	1	0	20.48	20.68	20.53	22.00
20	64QAM	1	49	20.45	20.63	20.45	22.00
20	64QAM	1	99	20.39	20.55	20.34	22.00
20	64QAM	50	0	19.47	19.57	19.43	21.00
20	64QAM	50	24	19.42	19.56	19.41	21.00
20	64QAM	50	50	19.47	19.59	19.45	21.00
20	64QAM	100	0	19.35	19.56	19.39	21.00
20	256QAM	1	0	17.39	17.52	17.35	19.00
20	256QAM	1	49	17.37	17.47	17.25	19.00
20	256QAM	1	99	17.41	17.50	17.32	19.00
20	256QAM	50	0	17.48	17.61	17.45	19.00
20	256QAM	50	24	17.39	17.60	17.40	19.00
20	256QAM	50	50	17.48	17.63	17.43	19.00
20	256QAM	100	0	17.46	17.59	17.37	19.00
Channel				37825	38000	38175	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	QPSK	1	0	22.51	22.50	22.42	24.00
15	QPSK	1	37	22.15	22.47	22.31	24.00
15	QPSK	1	74	22.22	22.44	22.16	24.00
15	QPSK	36	0	21.26	21.60	21.25	23.00
15	QPSK	36	20	21.45	21.46	21.41	23.00
15	QPSK	36	39	21.35	21.50	21.40	23.00
15	QPSK	75	0	21.22	21.46	21.21	23.00
15	16QAM	1	0	21.38	21.61	21.30	23.00
15	16QAM	1	37	21.47	21.48	21.37	23.00
15	16QAM	1	74	21.26	21.38	21.23	23.00
15	16QAM	36	0	20.33	20.54	20.27	22.00
15	16QAM	36	20	20.36	20.52	20.34	22.00
15	16QAM	36	39	20.29	20.48	20.49	22.00
15	16QAM	75	0	20.26	20.44	20.36	22.00
15	64QAM	1	0	20.41	20.55	20.49	22.00
15	64QAM	1	37	20.32	20.52	20.30	22.00
15	64QAM	1	74	20.36	20.44	20.32	22.00
15	64QAM	36	0	19.36	19.50	19.38	21.00
15	64QAM	36	20	19.37	19.45	19.39	21.00
15	64QAM	36	39	19.33	19.46	19.41	21.00
15	64QAM	75	0	19.33	19.49	19.27	21.00
15	256QAM	1	0	17.36	17.43	17.23	19.00
15	256QAM	1	37	17.25	17.33	17.14	19.00
15	256QAM	1	74	17.38	17.36	17.27	19.00
15	256QAM	36	0	17.36	17.54	17.31	19.00
15	256QAM	36	20	17.27	17.54	17.36	19.00
15	256QAM	36	39	17.34	17.52	17.34	19.00
15	256QAM	75	0	17.39	17.48	17.29	19.00
Channel				37800	38000	38200	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	QPSK	1	0	22.52	22.55	22.39	24.00
10	QPSK	1	25	22.27	22.44	22.32	24.00
10	QPSK	1	49	22.18	22.45	22.21	24.00
10	QPSK	25	0	21.30	21.53	21.29	23.00
10	QPSK	25	12	21.35	21.55	21.29	23.00
10	QPSK	25	25	21.32	21.46	21.34	23.00
10	QPSK	50	0	21.33	21.48	21.21	23.00
10	16QAM	1	0	21.43	21.55	21.31	23.00
10	16QAM	1	25	21.41	21.58	21.45	23.00
10	16QAM	1	49	21.18	21.50	21.17	23.00
10	16QAM	25	0	20.33	20.49	20.33	22.00
10	16QAM	25	12	20.32	20.46	20.34	22.00
10	16QAM	25	25	20.34	20.47	20.49	22.00
10	16QAM	50	0	20.22	20.41	20.40	22.00
10	64QAM	1	0	20.39	20.55	20.43	22.00
10	64QAM	1	25	20.42	20.48	20.43	22.00
10	64QAM	1	49	20.29	20.42	20.27	22.00
10	64QAM	25	0	19.41	19.51	19.35	21.00
10	64QAM	25	12	19.39	19.42	19.27	21.00
10	64QAM	25	25	19.42	19.45	19.37	21.00
10	64QAM	50	0	19.33	19.44	19.32	21.00
10	256QAM	1	0	17.35	17.39	17.31	19.00
10	256QAM	1	25	17.32	17.42	17.23	19.00
10	256QAM	1	49	17.26	17.40	17.26	19.00
10	256QAM	25	0	17.37	17.46	17.44	19.00
10	256QAM	25	12	17.25	17.55	17.27	19.00
10	256QAM	25	25	17.40	17.58	17.36	19.00
10	256QAM	50	0	17.40	17.47	17.30	19.00
Channel				37775	38000	38225	Tune-up limit
Frequency (MHz)				2572.5	2595	2617.5	(dBm)

5	QPSK	1	0	22.55	22.54	22.48	24.00
5	QPSK	1	12	22.23	22.44	22.29	24.00
5	QPSK	1	24	22.22	22.46	22.21	24.00
5	QPSK	12	0	21.36	21.59	21.32	23.00
5	QPSK	12	7	21.34	21.45	21.42	23.00
5	QPSK	12	13	21.39	21.46	21.47	23.00
5	QPSK	25	0	21.29	21.50	21.27	23.00
5	16QAM	1	0	21.47	21.61	21.30	23.00
5	16QAM	1	12	21.39	21.51	21.43	23.00
5	16QAM	1	24	21.26	21.46	21.15	23.00
5	16QAM	12	0	20.31	20.47	20.30	22.00
5	16QAM	12	7	20.27	20.47	20.35	22.00
5	16QAM	12	13	20.33	20.53	20.46	22.00
5	16QAM	25	0	20.32	20.41	20.38	22.00
5	64QAM	1	0	20.34	20.55	20.40	22.00
5	64QAM	1	12	20.40	20.55	20.37	22.00
5	64QAM	1	24	20.32	20.41	20.26	22.00
5	64QAM	12	0	19.43	19.46	19.33	21.00
5	64QAM	12	7	19.40	19.44	19.31	21.00
5	64QAM	12	13	19.39	19.45	19.34	21.00
5	64QAM	25	0	19.22	19.46	19.32	21.00
5	256QAM	1	0	17.36	17.44	17.26	19.00
5	256QAM	1	12	17.25	17.35	17.16	19.00
5	256QAM	1	24	17.27	17.39	17.25	19.00
5	256QAM	12	0	17.42	17.51	17.35	19.00
5	256QAM	12	7	17.26	17.57	17.33	19.00
5	256QAM	12	13	17.37	17.59	17.36	19.00
5	256QAM	25	0	17.42	17.54	17.34	19.00

【LTE Band 38_Ant 0_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	22.56	22.64	22.54	24.00
20	QPSK	1	49	22.29	22.52	22.34	24.00
20	QPSK	1	99	22.28	22.47	22.26	24.00
20	QPSK	50	0	21.47	21.61	21.51	23.00
20	QPSK	50	24	21.46	21.59	21.44	23.00
20	QPSK	50	50	21.42	21.60	21.49	23.00
20	QPSK	100	0	21.35	21.53	21.32	23.00
20	16QAM	1	0	21.48	21.64	21.41	23.00
20	16QAM	1	49	21.50	21.62	21.48	23.00
20	16QAM	1	99	21.29	21.51	21.27	23.00
20	16QAM	50	0	20.40	20.57	20.37	22.00
20	16QAM	50	24	20.40	20.56	20.44	22.00
20	16QAM	50	50	20.42	20.61	20.51	22.00
20	16QAM	100	0	20.36	20.55	20.44	22.00
20	64QAM	1	0	20.48	20.68	20.53	22.00
20	64QAM	1	49	20.45	20.63	20.45	22.00
20	64QAM	1	99	20.39	20.55	20.34	22.00
20	64QAM	50	0	19.47	19.57	19.43	21.00
20	64QAM	50	24	19.42	19.56	19.41	21.00
20	64QAM	50	50	19.47	19.59	19.45	21.00
20	64QAM	100	0	19.35	19.56	19.39	21.00
20	256QAM	1	0	17.39	17.52	17.35	19.00
20	256QAM	1	49	17.37	17.47	17.25	19.00
20	256QAM	1	99	17.41	17.50	17.32	19.00
20	256QAM	50	0	17.48	17.61	17.45	19.00
20	256QAM	50	24	17.39	17.60	17.40	19.00
20	256QAM	50	50	17.48	17.63	17.43	19.00
20	256QAM	100	0	17.46	17.59	17.37	19.00
Channel				37825	38000	38175	
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	22.51	22.50	22.42	24.00
15	QPSK	1	37	22.15	22.47	22.31	24.00
15	QPSK	1	74	22.22	22.44	22.16	24.00
15	QPSK	36	0	21.26	21.60	21.25	23.00
15	QPSK	36	20	21.45	21.46	21.41	23.00
15	QPSK	36	39	21.35	21.50	21.40	23.00
15	QPSK	75	0	21.22	21.46	21.21	23.00
15	16QAM	1	0	21.38	21.61	21.30	23.00

15	16QAM	1	37	21.47	21.48	21.37	23.00
15	16QAM	1	74	21.26	21.38	21.23	23.00
15	16QAM	36	0	20.33	20.54	20.27	22.00
15	16QAM	36	20	20.36	20.52	20.34	22.00
15	16QAM	36	39	20.29	20.48	20.49	22.00
15	16QAM	75	0	20.26	20.44	20.36	22.00
15	64QAM	1	0	20.41	20.55	20.49	22.00
15	64QAM	1	37	20.32	20.52	20.30	22.00
15	64QAM	1	74	20.36	20.44	20.32	22.00
15	64QAM	36	0	19.36	19.50	19.38	21.00
15	64QAM	36	20	19.37	19.45	19.39	21.00
15	64QAM	36	39	19.33	19.46	19.41	21.00
15	64QAM	75	0	19.33	19.49	19.27	21.00
15	256QAM	1	0	17.36	17.43	17.23	19.00
15	256QAM	1	37	17.25	17.33	17.14	19.00
15	256QAM	1	74	17.38	17.36	17.27	19.00
15	256QAM	36	0	17.36	17.54	17.31	19.00
15	256QAM	36	20	17.27	17.54	17.36	19.00
15	256QAM	36	39	17.34	17.52	17.34	19.00
15	256QAM	75	0	17.39	17.48	17.29	19.00
Channel				37800	38000	38200	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	QPSK	1	0	22.52	22.55	22.39	24.00
10	QPSK	1	25	22.27	22.44	22.32	24.00
10	QPSK	1	49	22.18	22.45	22.21	24.00
10	QPSK	25	0	21.30	21.53	21.29	23.00
10	QPSK	25	12	21.35	21.55	21.29	23.00
10	QPSK	25	25	21.32	21.46	21.34	23.00
10	QPSK	50	0	21.33	21.48	21.21	23.00
10	16QAM	1	0	21.43	21.55	21.31	23.00
10	16QAM	1	25	21.41	21.58	21.45	23.00
10	16QAM	1	49	21.18	21.50	21.17	23.00
10	16QAM	25	0	20.33	20.49	20.33	22.00
10	16QAM	25	12	20.32	20.46	20.34	22.00
10	16QAM	25	25	20.34	20.47	20.49	22.00
10	16QAM	50	0	20.22	20.41	20.40	22.00
10	64QAM	1	0	20.39	20.55	20.43	22.00
10	64QAM	1	25	20.42	20.48	20.43	22.00
10	64QAM	1	49	20.29	20.42	20.27	22.00
10	64QAM	25	0	19.41	19.51	19.35	21.00
10	64QAM	25	12	19.39	19.42	19.27	21.00
10	64QAM	25	25	19.42	19.45	19.37	21.00
10	64QAM	50	0	19.33	19.44	19.32	21.00
10	256QAM	1	0	17.35	17.39	17.31	19.00
10	256QAM	1	25	17.32	17.42	17.23	19.00
10	256QAM	1	49	17.26	17.40	17.26	19.00
10	256QAM	25	0	17.37	17.46	17.44	19.00
10	256QAM	25	12	17.25	17.55	17.27	19.00
10	256QAM	25	25	17.40	17.58	17.36	19.00
10	256QAM	50	0	17.40	17.47	17.30	19.00
Channel				37775	38000	38225	Tune-up limit
Frequency (MHz)				2572.5	2595	2617.5	(dBm)
5	QPSK	1	0	22.55	22.54	22.48	24.00
5	QPSK	1	12	22.23	22.44	22.29	24.00
5	QPSK	1	24	22.22	22.46	22.21	24.00
5	QPSK	12	0	21.36	21.59	21.32	23.00
5	QPSK	12	7	21.34	21.45	21.42	23.00
5	QPSK	12	13	21.39	21.46	21.47	23.00
5	QPSK	25	0	21.29	21.50	21.27	23.00
5	16QAM	1	0	21.47	21.61	21.30	23.00
5	16QAM	1	12	21.39	21.51	21.43	23.00
5	16QAM	1	24	21.26	21.46	21.15	23.00
5	16QAM	12	0	20.31	20.47	20.30	22.00
5	16QAM	12	7	20.27	20.47	20.35	22.00
5	16QAM	12	13	20.33	20.53	20.46	22.00
5	16QAM	25	0	20.32	20.41	20.38	22.00
5	64QAM	1	0	20.34	20.55	20.40	22.00
5	64QAM	1	12	20.40	20.55	20.37	22.00
5	64QAM	1	24	20.32	20.41	20.26	22.00
5	64QAM	12	0	19.43	19.46	19.33	21.00
5	64QAM	12	7	19.40	19.44	19.31	21.00
5	64QAM	12	13	19.39	19.45	19.34	21.00
5	64QAM	25	0	19.22	19.46	19.32	21.00
5	256QAM	1	0	17.36	17.44	17.26	19.00
5	256QAM	1	12	17.25	17.35	17.16	19.00
5	256QAM	1	24	17.27	17.39	17.25	19.00
5	256QAM	12	0	17.42	17.51	17.35	19.00
5	256QAM	12	7	17.26	17.57	17.33	19.00

5	256QAM	12	13	17.37	17.59	17.36	19.00
5	256QAM	25	0	17.42	17.54	17.34	19.00

【LTE Band 38_Ant 0_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	21.01	21.02	21.00	21.70
20	QPSK	1	49	20.95	20.84	20.80	21.70
20	QPSK	1	99	20.93	20.86	20.97	21.70
20	QPSK	50	0	20.97	21.01	20.99	21.70
20	QPSK	50	24	20.96	20.85	20.92	21.70
20	QPSK	50	50	20.91	20.92	20.97	21.70
20	QPSK	100	0	20.93	21.00	20.95	21.70
20	16QAM	1	0	20.84	20.96	20.78	21.70
20	16QAM	1	49	20.88	20.84	20.79	21.70
20	16QAM	1	99	21.01	21.02	20.92	21.70
20	16QAM	50	0	20.97	20.90	20.89	21.70
20	16QAM	50	24	20.89	20.92	20.92	21.70
20	16QAM	50	50	21.03	20.90	20.85	21.70
20	16QAM	100	0	20.84	20.90	20.92	21.70
20	64QAM	1	0	21.01	20.93	20.79	21.70
20	64QAM	1	49	20.96	21.03	20.90	21.70
20	64QAM	1	99	21.02	20.94	20.81	21.70
20	64QAM	50	0	19.47	19.57	19.43	21.00
20	64QAM	50	24	19.42	19.56	19.41	21.00
20	64QAM	50	50	19.47	19.59	19.45	21.00
20	64QAM	100	0	19.35	19.56	19.39	21.00
20	256QAM	1	0	17.39	17.52	17.35	19.00
20	256QAM	1	49	17.37	17.47	17.25	19.00
20	256QAM	1	99	17.41	17.50	17.32	19.00
20	256QAM	50	0	17.48	17.61	17.45	19.00
20	256QAM	50	24	17.39	17.60	17.40	19.00
20	256QAM	50	50	17.48	17.63	17.43	19.00
20	256QAM	100	0	17.46	17.59	17.37	19.00
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	20.97	20.99	20.90	21.70
15	QPSK	1	37	20.90	20.70	20.72	21.70
15	QPSK	1	74	20.84	20.75	20.89	21.70
15	QPSK	36	0	20.86	20.97	20.93	21.70
15	QPSK	36	20	20.95	20.71	20.80	21.70
15	QPSK	36	39	20.89	20.80	20.95	21.70
15	QPSK	75	0	20.92	20.92	20.90	21.70
15	16QAM	1	0	20.71	20.85	20.68	21.70
15	16QAM	1	37	20.74	20.79	20.75	21.70
15	16QAM	1	74	20.89	20.93	20.84	21.70
15	16QAM	36	0	20.86	20.86	20.74	21.70
15	16QAM	36	20	20.76	20.82	20.83	21.70
15	16QAM	36	39	20.98	20.77	20.78	21.70
15	16QAM	75	0	20.76	20.78	20.81	21.70
15	64QAM	1	0	20.91	20.80	20.74	21.70
15	64QAM	1	37	20.81	21.00	20.76	21.70
15	64QAM	1	74	20.95	20.85	20.77	21.70
15	64QAM	36	0	19.36	19.50	19.38	21.00
15	64QAM	36	20	19.37	19.45	19.39	21.00
15	64QAM	36	39	19.33	19.46	19.41	21.00
15	64QAM	75	0	19.33	19.49	19.27	21.00
15	256QAM	1	0	17.36	17.43	17.23	19.00
15	256QAM	1	37	17.25	17.33	17.14	19.00
15	256QAM	1	74	17.38	17.36	17.27	19.00
15	256QAM	36	0	17.36	17.54	17.31	19.00
15	256QAM	36	20	17.27	17.54	17.36	19.00
15	256QAM	36	39	17.34	17.52	17.34	19.00
15	256QAM	75	0	17.39	17.48	17.29	19.00
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	20.97	20.93	20.93	21.70
10	QPSK	1	25	20.86	20.72	20.78	21.70
10	QPSK	1	49	20.89	20.76	20.91	21.70
10	QPSK	25	0	20.86	20.91	20.86	21.70

10	QPSK	25	12	20.84	20.76	20.87	21.70
10	QPSK	25	25	20.87	20.87	20.94	21.70
10	QPSK	50	0	20.91	20.95	20.84	21.70
10	16QAM	1	0	20.80	20.88	20.64	21.70
10	16QAM	1	25	20.75	20.73	20.75	21.70
10	16QAM	1	49	20.89	20.99	20.87	21.70
10	16QAM	25	0	20.93	20.79	20.84	21.70
10	16QAM	25	12	20.79	20.80	20.85	21.70
10	16QAM	25	25	20.93	20.82	20.71	21.70
10	16QAM	50	0	20.74	20.78	20.86	21.70
10	64QAM	1	0	20.91	20.87	20.75	21.70
10	64QAM	1	25	20.91	20.92	20.83	21.70
10	64QAM	1	49	20.92	20.91	20.67	21.70
10	64QAM	25	0	19.41	19.51	19.35	21.00
10	64QAM	25	12	19.39	19.42	19.27	21.00
10	64QAM	25	25	19.42	19.45	19.37	21.00
10	64QAM	50	0	19.33	19.44	19.32	21.00
10	256QAM	1	0	17.35	17.39	17.31	19.00
10	256QAM	1	25	17.32	17.42	17.23	19.00
10	256QAM	1	49	17.26	17.40	17.26	19.00
10	256QAM	25	0	17.37	17.46	17.44	19.00
10	256QAM	25	12	17.25	17.55	17.27	19.00
10	256QAM	25	25	17.40	17.58	17.36	19.00
10	256QAM	50	0	17.40	17.47	17.30	19.00
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	20.93	20.94	20.87	21.70
5	QPSK	1	12	20.88	20.79	20.65	21.70
5	QPSK	1	24	20.91	20.83	20.90	21.70
5	QPSK	12	0	20.83	20.89	20.95	21.70
5	QPSK	12	7	20.91	20.74	20.91	21.70
5	QPSK	12	13	20.87	20.85	20.93	21.70
5	QPSK	25	0	20.90	20.90	20.91	21.70
5	16QAM	1	0	20.81	20.88	20.76	21.70
5	16QAM	1	12	20.78	20.73	20.66	21.70
5	16QAM	1	24	20.95	20.93	20.82	21.70
5	16QAM	12	0	20.96	20.86	20.87	21.70
5	16QAM	12	7	20.84	20.88	20.87	21.70
5	16QAM	12	13	21.01	20.84	20.71	21.70
5	16QAM	25	0	20.83	20.78	20.90	21.70
5	64QAM	1	0	20.95	20.82	20.66	21.70
5	64QAM	1	12	20.82	20.98	20.85	21.70
5	64QAM	1	24	20.95	20.89	20.72	21.70
5	64QAM	12	0	19.43	19.46	19.33	21.00
5	64QAM	12	7	19.40	19.44	19.31	21.00
5	64QAM	12	13	19.39	19.45	19.34	21.00
5	64QAM	25	0	19.22	19.46	19.32	21.00
5	256QAM	1	0	17.36	17.44	17.26	19.00
5	256QAM	1	12	17.25	17.35	17.16	19.00
5	256QAM	1	24	17.27	17.39	17.25	19.00
5	256QAM	12	0	17.42	17.51	17.35	19.00
5	256QAM	12	7	17.26	17.57	17.33	19.00
5	256QAM	12	13	17.37	17.59	17.36	19.00
5	256QAM	25	0	17.42	17.54	17.34	19.00

【LTE Band 38_Ant 0_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	22.56	22.64	22.54	24.00
20	QPSK	1	49	22.29	22.52	22.34	24.00
20	QPSK	1	99	22.28	22.47	22.26	24.00
20	QPSK	50	0	21.47	21.61	21.51	23.00
20	QPSK	50	24	21.46	21.59	21.44	23.00
20	QPSK	50	50	21.42	21.60	21.49	23.00
20	QPSK	100	0	21.35	21.53	21.32	23.00
20	16QAM	1	0	21.48	21.64	21.41	23.00
20	16QAM	1	49	21.50	21.62	21.48	23.00
20	16QAM	1	99	21.29	21.51	21.27	23.00
20	16QAM	50	0	20.40	20.57	20.37	22.00
20	16QAM	50	24	20.40	20.56	20.44	22.00

20	16QAM	50	50	20.42	20.61	20.51	22.00
20	16QAM	100	0	20.36	20.55	20.44	22.00
20	64QAM	1	0	20.48	20.68	20.53	22.00
20	64QAM	1	49	20.45	20.63	20.45	22.00
20	64QAM	1	99	20.39	20.55	20.34	22.00
20	64QAM	50	0	19.47	19.57	19.43	21.00
20	64QAM	50	24	19.42	19.56	19.41	21.00
20	64QAM	50	50	19.47	19.59	19.45	21.00
20	64QAM	100	0	19.35	19.56	19.39	21.00
20	256QAM	1	0	17.39	17.52	17.35	19.00
20	256QAM	1	49	17.37	17.47	17.25	19.00
20	256QAM	1	99	17.41	17.50	17.32	19.00
20	256QAM	50	0	17.48	17.61	17.45	19.00
20	256QAM	50	24	17.39	17.60	17.40	19.00
20	256QAM	50	50	17.48	17.63	17.43	19.00
20	256QAM	100	0	17.46	17.59	17.37	19.00
Channel				37825	38000	38175	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	QPSK	1	0	22.51	22.50	22.42	24.00
15	QPSK	1	37	22.15	22.47	22.31	24.00
15	QPSK	1	74	22.22	22.44	22.16	24.00
15	QPSK	36	0	21.26	21.60	21.25	23.00
15	QPSK	36	20	21.45	21.46	21.41	23.00
15	QPSK	36	39	21.35	21.50	21.40	23.00
15	QPSK	75	0	21.22	21.46	21.21	23.00
15	16QAM	1	0	21.38	21.61	21.30	23.00
15	16QAM	1	37	21.47	21.48	21.37	23.00
15	16QAM	1	74	21.26	21.38	21.23	23.00
15	16QAM	36	0	20.33	20.54	20.27	22.00
15	16QAM	36	20	20.36	20.52	20.34	22.00
15	16QAM	36	39	20.29	20.48	20.49	22.00
15	16QAM	75	0	20.26	20.44	20.36	22.00
15	64QAM	1	0	20.41	20.55	20.49	22.00
15	64QAM	1	37	20.32	20.52	20.30	22.00
15	64QAM	1	74	20.36	20.44	20.32	22.00
15	64QAM	36	0	19.36	19.50	19.38	21.00
15	64QAM	36	20	19.37	19.45	19.39	21.00
15	64QAM	36	39	19.33	19.46	19.41	21.00
15	64QAM	75	0	19.33	19.49	19.27	21.00
15	256QAM	1	0	17.36	17.43	17.23	19.00
15	256QAM	1	37	17.25	17.33	17.14	19.00
15	256QAM	1	74	17.38	17.36	17.27	19.00
15	256QAM	36	0	17.36	17.54	17.31	19.00
15	256QAM	36	20	17.27	17.54	17.36	19.00
15	256QAM	36	39	17.34	17.52	17.34	19.00
15	256QAM	75	0	17.39	17.48	17.29	19.00
Channel				37800	38000	38200	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	QPSK	1	0	22.52	22.55	22.39	24.00
10	QPSK	1	25	22.27	22.44	22.32	24.00
10	QPSK	1	49	22.18	22.45	22.21	24.00
10	QPSK	25	0	21.30	21.53	21.29	23.00
10	QPSK	25	12	21.35	21.55	21.29	23.00
10	QPSK	25	25	21.32	21.46	21.34	23.00
10	QPSK	50	0	21.33	21.48	21.21	23.00
10	16QAM	1	0	21.43	21.55	21.31	23.00
10	16QAM	1	25	21.41	21.58	21.45	23.00
10	16QAM	1	49	21.18	21.50	21.17	23.00
10	16QAM	25	0	20.33	20.49	20.33	22.00
10	16QAM	25	12	20.32	20.46	20.34	22.00
10	16QAM	25	25	20.34	20.47	20.49	22.00
10	16QAM	50	0	20.22	20.41	20.40	22.00
10	64QAM	1	0	20.39	20.55	20.43	22.00
10	64QAM	1	25	20.42	20.48	20.43	22.00
10	64QAM	1	49	20.29	20.42	20.27	22.00
10	64QAM	25	0	19.41	19.51	19.35	21.00
10	64QAM	25	12	19.39	19.42	19.27	21.00
10	64QAM	25	25	19.42	19.45	19.37	21.00
10	64QAM	50	0	19.33	19.44	19.32	21.00
10	256QAM	1	0	17.35	17.39	17.31	19.00
10	256QAM	1	25	17.32	17.42	17.23	19.00
10	256QAM	1	49	17.26	17.40	17.26	19.00
10	256QAM	25	0	17.37	17.46	17.44	19.00
10	256QAM	25	12	17.25	17.55	17.27	19.00
10	256QAM	25	25	17.40	17.58	17.36	19.00
10	256QAM	50	0	17.40	17.47	17.30	19.00
Channel				37775	38000	38225	Tune-up limit
Frequency (MHz)				2572.5	2595	2617.5	(dBm)

5	QPSK	1	0	22.55	22.54	22.48	24.00
5	QPSK	1	12	22.23	22.44	22.29	24.00
5	QPSK	1	24	22.22	22.46	22.21	24.00
5	QPSK	12	0	21.36	21.59	21.32	23.00
5	QPSK	12	7	21.34	21.45	21.42	23.00
5	QPSK	12	13	21.39	21.46	21.47	23.00
5	QPSK	25	0	21.29	21.50	21.27	23.00
5	16QAM	1	0	21.47	21.61	21.30	23.00
5	16QAM	1	12	21.39	21.51	21.43	23.00
5	16QAM	1	24	21.26	21.46	21.15	23.00
5	16QAM	12	0	20.31	20.47	20.30	22.00
5	16QAM	12	7	20.27	20.47	20.35	22.00
5	16QAM	12	13	20.33	20.53	20.46	22.00
5	16QAM	25	0	20.32	20.41	20.38	22.00
5	64QAM	1	0	20.34	20.55	20.40	22.00
5	64QAM	1	12	20.40	20.55	20.37	22.00
5	64QAM	1	24	20.32	20.41	20.26	22.00
5	64QAM	12	0	19.43	19.46	19.33	21.00
5	64QAM	12	7	19.40	19.44	19.31	21.00
5	64QAM	12	13	19.39	19.45	19.34	21.00
5	64QAM	25	0	19.22	19.46	19.32	21.00
5	256QAM	1	0	17.36	17.44	17.26	19.00
5	256QAM	1	12	17.25	17.35	17.16	19.00
5	256QAM	1	24	17.27	17.39	17.25	19.00
5	256QAM	12	0	17.42	17.51	17.35	19.00
5	256QAM	12	7	17.26	17.57	17.33	19.00
5	256QAM	12	13	17.37	17.59	17.36	19.00
5	256QAM	25	0	17.42	17.54	17.34	19.00

【LTE Band 38_Ant 0_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	22.56	22.64	22.54	23.70
20	QPSK	1	49	22.29	22.52	22.34	23.70
20	QPSK	1	99	22.28	22.47	22.26	23.70
20	QPSK	50	0	21.47	21.61	21.51	23.00
20	QPSK	50	24	21.46	21.59	21.44	23.00
20	QPSK	50	50	21.42	21.60	21.49	23.00
20	QPSK	100	0	21.35	21.53	21.32	23.00
20	16QAM	1	0	21.48	21.64	21.41	23.00
20	16QAM	1	49	21.50	21.62	21.48	23.00
20	16QAM	1	99	21.29	21.51	21.27	23.00
20	16QAM	50	0	20.40	20.57	20.37	22.00
20	16QAM	50	24	20.40	20.56	20.44	22.00
20	16QAM	50	50	20.42	20.61	20.51	22.00
20	16QAM	100	0	20.36	20.55	20.44	22.00
20	64QAM	1	0	20.48	20.68	20.53	22.00
20	64QAM	1	49	20.45	20.63	20.45	22.00
20	64QAM	1	99	20.39	20.55	20.34	22.00
20	64QAM	50	0	19.47	19.57	19.43	21.00
20	64QAM	50	24	19.42	19.56	19.41	21.00
20	64QAM	50	50	19.47	19.59	19.45	21.00
20	64QAM	100	0	19.35	19.56	19.39	21.00
20	256QAM	1	0	17.39	17.52	17.35	19.00
20	256QAM	1	49	17.37	17.47	17.25	19.00
20	256QAM	1	99	17.41	17.50	17.32	19.00
20	256QAM	50	0	17.48	17.61	17.45	19.00
20	256QAM	50	24	17.39	17.60	17.40	19.00
20	256QAM	50	50	17.48	17.63	17.43	19.00
20	256QAM	100	0	17.46	17.59	17.37	19.00
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	22.51	22.50	22.42	23.70
15	QPSK	1	37	22.15	22.47	22.31	23.70
15	QPSK	1	74	22.22	22.44	22.16	23.70
15	QPSK	36	0	21.26	21.60	21.25	23.00
15	QPSK	36	20	21.45	21.46	21.41	23.00
15	QPSK	36	39	21.35	21.50	21.40	23.00
15	QPSK	75	0	21.22	21.46	21.21	23.00
15	16QAM	1	0	21.38	21.61	21.30	23.00

15	16QAM	1	37	21.47	21.48	21.37	23.00
15	16QAM	1	74	21.26	21.38	21.23	23.00
15	16QAM	36	0	20.33	20.54	20.27	22.00
15	16QAM	36	20	20.36	20.52	20.34	22.00
15	16QAM	36	39	20.29	20.48	20.49	22.00
15	16QAM	75	0	20.26	20.44	20.36	22.00
15	64QAM	1	0	20.41	20.55	20.49	22.00
15	64QAM	1	37	20.32	20.52	20.30	22.00
15	64QAM	1	74	20.36	20.44	20.32	22.00
15	64QAM	36	0	19.36	19.50	19.38	21.00
15	64QAM	36	20	19.37	19.45	19.39	21.00
15	64QAM	36	39	19.33	19.46	19.41	21.00
15	64QAM	75	0	19.33	19.49	19.27	21.00
15	256QAM	1	0	17.36	17.43	17.23	19.00
15	256QAM	1	37	17.25	17.33	17.14	19.00
15	256QAM	1	74	17.38	17.36	17.27	19.00
15	256QAM	36	0	17.36	17.54	17.31	19.00
15	256QAM	36	20	17.27	17.54	17.36	19.00
15	256QAM	36	39	17.34	17.52	17.34	19.00
15	256QAM	75	0	17.39	17.48	17.29	19.00
Channel				37800	38000	38200	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	QPSK	1	0	22.52	22.55	22.39	23.70
10	QPSK	1	25	22.27	22.44	22.32	23.70
10	QPSK	1	49	22.18	22.45	22.21	23.70
10	QPSK	25	0	21.30	21.53	21.29	23.00
10	QPSK	25	12	21.35	21.55	21.29	23.00
10	QPSK	25	25	21.32	21.46	21.34	23.00
10	QPSK	50	0	21.33	21.48	21.21	23.00
10	16QAM	1	0	21.43	21.55	21.31	23.00
10	16QAM	1	25	21.41	21.58	21.45	23.00
10	16QAM	1	49	21.18	21.50	21.17	23.00
10	16QAM	25	0	20.33	20.49	20.33	22.00
10	16QAM	25	12	20.32	20.46	20.34	22.00
10	16QAM	25	25	20.34	20.47	20.49	22.00
10	16QAM	50	0	20.22	20.41	20.40	22.00
10	64QAM	1	0	20.39	20.55	20.43	22.00
10	64QAM	1	25	20.42	20.48	20.43	22.00
10	64QAM	1	49	20.29	20.42	20.27	22.00
10	64QAM	25	0	19.41	19.51	19.35	21.00
10	64QAM	25	12	19.39	19.42	19.27	21.00
10	64QAM	25	25	19.42	19.45	19.37	21.00
10	64QAM	50	0	19.33	19.44	19.32	21.00
10	256QAM	1	0	17.35	17.39	17.31	19.00
10	256QAM	1	25	17.32	17.42	17.23	19.00
10	256QAM	1	49	17.26	17.40	17.26	19.00
10	256QAM	25	0	17.37	17.46	17.44	19.00
10	256QAM	25	12	17.25	17.55	17.27	19.00
10	256QAM	25	25	17.40	17.58	17.36	19.00
10	256QAM	50	0	17.40	17.47	17.30	19.00
Channel				37775	38000	38225	Tune-up limit
Frequency (MHz)				2572.5	2595	2617.5	(dBm)
5	QPSK	1	0	22.55	22.54	22.48	23.70
5	QPSK	1	12	22.23	22.44	22.29	23.70
5	QPSK	1	24	22.22	22.46	22.21	23.70
5	QPSK	12	0	21.36	21.59	21.32	23.00
5	QPSK	12	7	21.34	21.45	21.42	23.00
5	QPSK	12	13	21.39	21.46	21.47	23.00
5	QPSK	25	0	21.29	21.50	21.27	23.00
5	16QAM	1	0	21.47	21.61	21.30	23.00
5	16QAM	1	12	21.39	21.51	21.43	23.00
5	16QAM	1	24	21.26	21.46	21.15	23.00
5	16QAM	12	0	20.31	20.47	20.30	22.00
5	16QAM	12	7	20.27	20.47	20.35	22.00
5	16QAM	12	13	20.33	20.53	20.46	22.00
5	16QAM	25	0	20.32	20.41	20.38	22.00
5	64QAM	1	0	20.34	20.55	20.40	22.00
5	64QAM	1	12	20.40	20.55	20.37	22.00
5	64QAM	1	24	20.32	20.41	20.26	22.00
5	64QAM	12	0	19.43	19.46	19.33	21.00
5	64QAM	12	7	19.40	19.44	19.31	21.00
5	64QAM	12	13	19.39	19.45	19.34	21.00
5	64QAM	25	0	19.22	19.46	19.32	21.00
5	256QAM	1	0	17.36	17.44	17.26	19.00
5	256QAM	1	12	17.25	17.35	17.16	19.00
5	256QAM	1	24	17.27	17.39	17.25	19.00
5	256QAM	12	0	17.42	17.51	17.35	19.00
5	256QAM	12	7	17.26	17.57	17.33	19.00

5	256QAM	12	13	17.37	17.59	17.36	19.00
5	256QAM	25	0	17.42	17.54	17.34	19.00

【LTE Band 38_Ant 0_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	21.01	21.02	21.00	21.70
20	QPSK	1	49	20.95	20.84	20.80	21.70
20	QPSK	1	99	20.93	20.86	20.97	21.70
20	QPSK	50	0	20.97	21.01	20.99	21.70
20	QPSK	50	24	20.96	20.85	20.92	21.70
20	QPSK	50	50	20.91	20.92	20.97	21.70
20	QPSK	100	0	20.93	21.00	20.95	21.70
20	16QAM	1	0	20.84	20.96	20.78	21.70
20	16QAM	1	49	20.88	20.84	20.79	21.70
20	16QAM	1	99	21.01	21.02	20.92	21.70
20	16QAM	50	0	20.97	20.90	20.89	21.70
20	16QAM	50	24	20.89	20.92	20.92	21.70
20	16QAM	50	50	21.03	20.90	20.85	21.70
20	16QAM	100	0	20.84	20.90	20.92	21.70
20	64QAM	1	0	21.01	20.93	20.79	21.70
20	64QAM	1	49	20.96	21.03	20.90	21.70
20	64QAM	1	99	21.02	20.94	20.81	21.70
20	64QAM	50	0	19.47	19.57	19.43	21.00
20	64QAM	50	24	19.42	19.56	19.41	21.00
20	64QAM	50	50	19.47	19.59	19.45	21.00
20	64QAM	100	0	19.35	19.56	19.39	21.00
20	256QAM	1	0	17.39	17.52	17.35	19.00
20	256QAM	1	49	17.37	17.47	17.25	19.00
20	256QAM	1	99	17.41	17.50	17.32	19.00
20	256QAM	50	0	17.48	17.61	17.45	19.00
20	256QAM	50	24	17.39	17.60	17.40	19.00
20	256QAM	50	50	17.48	17.63	17.43	19.00
20	256QAM	100	0	17.46	17.59	17.37	19.00
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	20.97	20.99	20.90	21.70
15	QPSK	1	37	20.90	20.70	20.72	21.70
15	QPSK	1	74	20.84	20.75	20.89	21.70
15	QPSK	36	0	20.86	20.97	20.93	21.70
15	QPSK	36	20	20.95	20.71	20.80	21.70
15	QPSK	36	39	20.89	20.80	20.95	21.70
15	QPSK	75	0	20.92	20.92	20.90	21.70
15	16QAM	1	0	20.71	20.85	20.68	21.70
15	16QAM	1	37	20.74	20.79	20.75	21.70
15	16QAM	1	74	20.89	20.93	20.84	21.70
15	16QAM	36	0	20.86	20.86	20.74	21.70
15	16QAM	36	20	20.76	20.82	20.83	21.70
15	16QAM	36	39	20.98	20.77	20.78	21.70
15	16QAM	75	0	20.76	20.78	20.81	21.70
15	64QAM	1	0	20.91	20.80	20.74	21.70
15	64QAM	1	37	20.81	21.00	20.76	21.70
15	64QAM	1	74	20.95	20.85	20.77	21.70
15	64QAM	36	0	19.36	19.50	19.38	21.00
15	64QAM	36	20	19.37	19.45	19.39	21.00
15	64QAM	36	39	19.33	19.46	19.41	21.00
15	64QAM	75	0	19.33	19.49	19.27	21.00
15	256QAM	1	0	17.36	17.43	17.23	19.00
15	256QAM	1	37	17.25	17.33	17.14	19.00
15	256QAM	1	74	17.38	17.36	17.27	19.00
15	256QAM	36	0	17.36	17.54	17.31	19.00
15	256QAM	36	20	17.27	17.54	17.36	19.00
15	256QAM	36	39	17.34	17.52	17.34	19.00
15	256QAM	75	0	17.39	17.48	17.29	19.00
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	20.97	20.93	20.93	21.70
10	QPSK	1	25	20.86	20.72	20.78	21.70
10	QPSK	1	49	20.89	20.76	20.91	21.70
10	QPSK	25	0	20.86	20.91	20.86	21.70

10	QPSK	25	12	20.84	20.76	20.87	21.70
10	QPSK	25	25	20.87	20.87	20.94	21.70
10	QPSK	50	0	20.91	20.95	20.84	21.70
10	16QAM	1	0	20.80	20.88	20.64	21.70
10	16QAM	1	25	20.75	20.73	20.75	21.70
10	16QAM	1	49	20.89	20.99	20.87	21.70
10	16QAM	25	0	20.93	20.79	20.84	21.70
10	16QAM	25	12	20.79	20.80	20.85	21.70
10	16QAM	25	25	20.93	20.82	20.71	21.70
10	16QAM	50	0	20.74	20.78	20.86	21.70
10	64QAM	1	0	20.91	20.87	20.75	21.70
10	64QAM	1	25	20.91	20.92	20.83	21.70
10	64QAM	1	49	20.92	20.91	20.67	21.70
10	64QAM	25	0	19.41	19.51	19.35	21.00
10	64QAM	25	12	19.39	19.42	19.27	21.00
10	64QAM	25	25	19.42	19.45	19.37	21.00
10	64QAM	50	0	19.33	19.44	19.32	21.00
10	256QAM	1	0	17.35	17.39	17.31	19.00
10	256QAM	1	25	17.32	17.42	17.23	19.00
10	256QAM	1	49	17.26	17.40	17.26	19.00
10	256QAM	25	0	17.37	17.46	17.44	19.00
10	256QAM	25	12	17.25	17.55	17.27	19.00
10	256QAM	25	25	17.40	17.58	17.36	19.00
10	256QAM	50	0	17.40	17.47	17.30	19.00
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	20.93	20.94	20.87	21.70
5	QPSK	1	12	20.88	20.79	20.65	21.70
5	QPSK	1	24	20.91	20.83	20.90	21.70
5	QPSK	12	0	20.83	20.89	20.95	21.70
5	QPSK	12	7	20.91	20.74	20.91	21.70
5	QPSK	12	13	20.87	20.85	20.93	21.70
5	QPSK	25	0	20.90	20.90	20.91	21.70
5	16QAM	1	0	20.81	20.88	20.76	21.70
5	16QAM	1	12	20.78	20.73	20.66	21.70
5	16QAM	1	24	20.95	20.93	20.82	21.70
5	16QAM	12	0	20.96	20.86	20.87	21.70
5	16QAM	12	7	20.84	20.88	20.87	21.70
5	16QAM	12	13	21.01	20.84	20.71	21.70
5	16QAM	25	0	20.83	20.78	20.90	21.70
5	64QAM	1	0	20.95	20.82	20.66	21.70
5	64QAM	1	12	20.82	20.98	20.85	21.70
5	64QAM	1	24	20.95	20.89	20.72	21.70
5	64QAM	12	0	19.43	19.46	19.33	21.00
5	64QAM	12	7	19.40	19.44	19.31	21.00
5	64QAM	12	13	19.39	19.45	19.34	21.00
5	64QAM	25	0	19.22	19.46	19.32	21.00
5	256QAM	1	0	17.36	17.44	17.26	19.00
5	256QAM	1	12	17.25	17.35	17.16	19.00
5	256QAM	1	24	17.27	17.39	17.25	19.00
5	256QAM	12	0	17.42	17.51	17.35	19.00
5	256QAM	12	7	17.26	17.57	17.33	19.00
5	256QAM	12	13	17.37	17.59	17.36	19.00
5	256QAM	25	0	17.42	17.54	17.34	19.00

【LTE Band 38_Ant 1_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	23.05	23.12	23.11	24.00
20	QPSK	1	49	23.02	23.07	23.00	24.00
20	QPSK	1	99	23.00	23.09	23.02	24.00
20	QPSK	50	0	22.02	22.15	22.07	23.00
20	QPSK	50	24	22.01	22.11	22.03	23.00
20	QPSK	50	50	22.01	22.14	22.01	23.00
20	QPSK	100	0	22.00	22.12	22.08	23.00
20	16QAM	1	0	22.02	22.12	22.02	23.00
20	16QAM	1	49	22.09	22.29	22.22	23.00
20	16QAM	1	99	22.00	22.02	22.01	23.00
20	16QAM	50	0	21.06	21.13	21.03	22.00
20	16QAM	50	24	21.01	21.14	21.06	22.00

20	16QAM	50	50	21.07	21.17	21.09	22.00
20	16QAM	100	0	21.01	21.12	21.03	22.00
20	64QAM	1	0	21.00	21.20	21.06	22.00
20	64QAM	1	49	21.11	21.20	21.11	22.00
20	64QAM	1	99	21.01	21.05	21.00	22.00
20	64QAM	50	0	20.01	20.15	20.07	21.00
20	64QAM	50	24	20.01	20.13	20.00	21.00
20	64QAM	50	50	20.00	20.15	20.08	21.00
20	64QAM	100	0	20.00	20.11	20.06	21.00
20	256QAM	1	0	18.00	18.07	18.01	19.00
20	256QAM	1	49	18.01	18.13	18.06	19.00
20	256QAM	1	99	18.00	18.06	18.01	19.00
20	256QAM	50	0	18.01	18.15	18.12	19.00
20	256QAM	50	24	18.00	18.14	18.10	19.00
20	256QAM	50	50	18.03	18.20	18.14	19.00
20	256QAM	100	0	18.00	18.15	18.02	19.00
Channel				37825	38000	38175	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	QPSK	1	0	23.00	23.10	23.05	24.00
15	QPSK	1	37	23.02	23.00	23.00	24.00
15	QPSK	1	74	23.00	23.08	23.01	24.00
15	QPSK	36	0	22.01	22.03	22.02	23.00
15	QPSK	36	20	22.00	22.04	22.01	23.00
15	QPSK	36	39	22.00	22.02	22.00	23.00
15	QPSK	75	0	22.00	22.01	22.01	23.00
15	16QAM	1	0	22.00	22.00	22.00	23.00
15	16QAM	1	37	22.06	22.25	22.08	23.00
15	16QAM	1	74	22.02	22.02	22.00	23.00
15	16QAM	36	0	21.00	21.00	21.02	22.00
15	16QAM	36	20	21.01	21.12	21.00	22.00
15	16QAM	36	39	21.01	21.09	21.01	22.00
15	16QAM	75	0	21.00	21.00	21.00	22.00
15	64QAM	1	0	21.01	21.08	21.00	22.00
15	64QAM	1	37	21.03	21.19	21.10	22.00
15	64QAM	1	74	21.00	21.00	21.00	22.00
15	64QAM	36	0	20.02	20.03	20.01	21.00
15	64QAM	36	20	20.00	20.07	20.01	21.00
15	64QAM	36	39	20.00	20.10	20.01	21.00
15	64QAM	75	0	20.02	20.00	20.00	21.00
15	256QAM	1	0	18.00	18.00	18.00	19.00
15	256QAM	1	37	18.00	18.05	18.02	19.00
15	256QAM	1	74	18.01	18.04	18.00	19.00
15	256QAM	36	0	18.01	18.02	18.03	19.00
15	256QAM	36	20	18.00	18.07	18.06	19.00
15	256QAM	36	39	18.00	18.10	18.06	19.00
15	256QAM	75	0	18.01	18.06	18.00	19.00
Channel				37800	38000	38200	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	QPSK	1	0	23.02	23.08	23.01	24.00
10	QPSK	1	25	23.00	23.01	23.00	24.00
10	QPSK	1	49	23.00	23.05	23.01	24.00
10	QPSK	25	0	22.00	22.04	22.00	23.00
10	QPSK	25	12	22.01	22.05	22.00	23.00
10	QPSK	25	25	22.02	22.08	22.00	23.00
10	QPSK	50	0	22.00	22.06	22.00	23.00
10	16QAM	1	0	22.00	22.00	22.02	23.00
10	16QAM	1	25	22.03	22.17	22.13	23.00
10	16QAM	1	49	22.00	22.01	22.02	23.00
10	16QAM	25	0	21.00	21.08	21.00	22.00
10	16QAM	25	12	21.00	21.11	21.00	22.00
10	16QAM	25	25	21.02	21.08	21.00	22.00
10	16QAM	50	0	21.01	21.05	21.00	22.00
10	64QAM	1	0	21.01	21.17	21.01	22.00
10	64QAM	1	25	21.10	21.16	21.04	22.00
10	64QAM	1	49	21.02	21.00	21.00	22.00
10	64QAM	25	0	20.02	20.13	20.04	21.00
10	64QAM	25	12	20.00	20.07	20.00	21.00
10	64QAM	25	25	20.00	20.05	20.02	21.00
10	64QAM	50	0	20.02	20.04	20.01	21.00
10	256QAM	1	0	18.00	18.01	18.02	19.00
10	256QAM	1	25	18.00	18.10	18.03	19.00
10	256QAM	1	49	18.00	18.00	18.00	19.00
10	256QAM	25	0	18.02	18.12	18.02	19.00
10	256QAM	25	12	18.01	18.01	18.02	19.00
10	256QAM	25	25	18.01	18.07	18.07	19.00
10	256QAM	50	0	18.01	18.10	18.00	19.00
Channel				37775	38000	38225	Tune-up limit
Frequency (MHz)				2572.5	2595	2617.5	(dBm)

5	QPSK	1	0	23.00	23.00	23.00	24.00
5	QPSK	1	12	23.00	23.00	23.01	24.00
5	QPSK	1	24	23.00	23.00	23.01	24.00
5	QPSK	12	0	22.01	22.07	22.03	23.00
5	QPSK	12	7	22.02	22.00	22.00	23.00
5	QPSK	12	13	22.00	22.11	22.00	23.00
5	QPSK	25	0	22.00	22.11	22.01	23.00
5	16QAM	1	0	22.00	22.05	22.01	23.00
5	16QAM	1	12	22.01	22.15	22.11	23.00
5	16QAM	1	24	22.00	22.00	22.01	23.00
5	16QAM	12	0	21.01	21.09	21.00	22.00
5	16QAM	12	7	21.01	21.01	21.01	22.00
5	16QAM	12	13	21.00	21.12	21.07	22.00
5	16QAM	25	0	21.00	21.06	21.00	22.00
5	64QAM	1	0	21.01	21.12	21.04	22.00
5	64QAM	1	12	21.01	21.17	21.05	22.00
5	64QAM	1	24	21.00	21.01	21.01	22.00
5	64QAM	12	0	20.00	20.11	20.01	21.00
5	64QAM	12	7	20.01	20.04	20.01	21.00
5	64QAM	12	13	20.01	20.02	20.01	21.00
5	64QAM	25	0	20.01	20.06	20.05	21.00
5	256QAM	1	0	18.00	18.01	18.00	19.00
5	256QAM	1	12	18.00	18.02	18.02	19.00
5	256QAM	1	24	18.00	18.01	18.00	19.00
5	256QAM	12	0	18.00	18.06	18.00	19.00
5	256QAM	12	7	18.00	18.13	18.07	19.00
5	256QAM	12	13	18.02	18.16	18.10	19.00
5	256QAM	25	0	18.01	18.07	18.00	19.00

【LTE Band 38_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				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	17.44	17.52	17.47	18.10
20	QPSK	1	49	17.45	17.37	17.27	18.10
20	QPSK	1	99	17.43	17.42	17.42	18.10
20	QPSK	50	0	17.38	17.42	17.40	18.10
20	QPSK	50	24	17.35	17.41	17.38	18.10
20	QPSK	50	50	17.37	17.38	17.47	18.10
20	QPSK	100	0	17.27	17.41	17.34	18.10
20	16QAM	1	0	17.34	17.50	17.42	18.10
20	16QAM	1	49	17.41	17.42	17.41	18.10
20	16QAM	1	99	17.45	17.39	17.44	18.10
20	16QAM	50	0	17.37	17.37	17.48	18.10
20	16QAM	50	24	17.27	17.36	17.46	18.10
20	16QAM	50	50	17.27	17.39	17.48	18.10
20	16QAM	100	0	17.40	17.41	17.37	18.10
20	64QAM	1	0	17.30	17.35	17.34	18.10
20	64QAM	1	49	17.23	17.40	17.33	18.10
20	64QAM	1	99	17.22	17.33	17.28	18.10
20	64QAM	50	0	17.26	17.38	17.39	18.10
20	64QAM	50	24	17.25	17.44	17.29	18.10
20	64QAM	50	50	17.41	17.41	17.28	18.10
20	64QAM	100	0	17.28	17.51	17.27	18.10
20	256QAM	1	0	17.33	17.33	17.46	18.10
20	256QAM	1	49	17.38	17.40	17.35	18.10
20	256QAM	1	99	17.30	17.31	17.32	18.10
20	256QAM	50	0	17.25	17.48	17.29	18.10
20	256QAM	50	24	17.42	17.35	17.25	18.10
20	256QAM	50	50	17.36	17.31	17.30	18.10
20	256QAM	100	0	17.26	17.44	17.34	18.10
Channel				37825	38000	38175	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	17.30	17.43	17.37	18.10
15	QPSK	1	37	17.34	17.29	17.20	18.10
15	QPSK	1	74	17.32	17.27	17.29	18.10
15	QPSK	36	0	17.34	17.28	17.26	18.10
15	QPSK	36	20	17.24	17.33	17.33	18.10
15	QPSK	36	39	17.28	17.26	17.35	18.10
15	QPSK	75	0	17.15	17.26	17.26	18.10
15	16QAM	1	0	17.22	17.49	17.28	18.10

15	16QAM	1	37	17.28	17.36	17.32	18.10
15	16QAM	1	74	17.36	17.24	17.35	18.10
15	16QAM	36	0	17.32	17.35	17.45	18.10
15	16QAM	36	20	17.22	17.26	17.45	18.10
15	16QAM	36	39	17.20	17.37	17.45	18.10
15	16QAM	75	0	17.38	17.32	17.28	18.10
15	64QAM	1	0	17.29	17.20	17.29	18.10
15	64QAM	1	37	17.11	17.38	17.24	18.10
15	64QAM	1	74	17.20	17.19	17.19	18.10
15	64QAM	36	0	17.22	17.32	17.25	18.10
15	64QAM	36	20	17.22	17.38	17.17	18.10
15	64QAM	36	39	17.34	17.38	17.20	18.10
15	64QAM	75	0	17.26	17.46	17.21	18.10
15	256QAM	1	0	17.24	17.29	17.42	18.10
15	256QAM	1	37	17.35	17.27	17.33	18.10
15	256QAM	1	74	17.25	17.27	17.19	18.10
15	256QAM	36	0	17.18	17.36	17.25	18.10
15	256QAM	36	20	17.32	17.21	17.19	18.10
15	256QAM	36	39	17.34	17.16	17.16	18.10
15	256QAM	75	0	17.23	17.36	17.27	18.10
Channel				37800	38000	38200	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	QPSK	1	0	17.42	17.38	17.37	18.10
10	QPSK	1	25	17.35	17.26	17.23	18.10
10	QPSK	1	49	17.40	17.29	17.27	18.10
10	QPSK	25	0	17.37	17.29	17.34	18.10
10	QPSK	25	12	17.31	17.37	17.35	18.10
10	QPSK	25	25	17.34	17.35	17.43	18.10
10	QPSK	50	0	17.13	17.29	17.21	18.10
10	16QAM	1	0	17.21	17.42	17.37	18.10
10	16QAM	1	25	17.31	17.39	17.27	18.10
10	16QAM	1	49	17.37	17.31	17.32	18.10
10	16QAM	25	0	17.26	17.26	17.42	18.10
10	16QAM	25	12	17.13	17.35	17.42	18.10
10	16QAM	25	25	17.23	17.28	17.38	18.10
10	16QAM	50	0	17.36	17.28	17.28	18.10
10	64QAM	1	0	17.17	17.23	17.20	18.10
10	64QAM	1	25	17.20	17.38	17.25	18.10
10	64QAM	1	49	17.07	17.20	17.17	18.10
10	64QAM	25	0	17.20	17.34	17.27	18.10
10	64QAM	25	12	17.14	17.39	17.21	18.10
10	64QAM	25	25	17.27	17.32	17.22	18.10
10	64QAM	50	0	17.18	17.48	17.22	18.10
10	256QAM	1	0	17.19	17.18	17.33	18.10
10	256QAM	1	25	17.36	17.37	17.22	18.10
10	256QAM	1	49	17.17	17.18	17.27	18.10
10	256QAM	25	0	17.11	17.45	17.15	18.10
10	256QAM	25	12	17.34	17.25	17.14	18.10
10	256QAM	25	25	17.28	17.22	17.27	18.10
10	256QAM	50	0	17.15	17.37	17.24	18.10
Channel				37775	38000	38225	Tune-up limit
Frequency (MHz)				2572.5	2595	2617.5	(dBm)
5	QPSK	1	0	17.29	17.45	17.40	18.10
5	QPSK	1	12	17.37	17.32	17.22	18.10
5	QPSK	1	24	17.41	17.36	17.28	18.10
5	QPSK	12	0	17.36	17.33	17.32	18.10
5	QPSK	12	7	17.29	17.35	17.27	18.10
5	QPSK	12	13	17.26	17.26	17.34	18.10
5	QPSK	25	0	17.15	17.31	17.19	18.10
5	16QAM	1	0	17.29	17.43	17.35	18.10
5	16QAM	1	12	17.36	17.32	17.29	18.10
5	16QAM	1	24	17.39	17.28	17.42	18.10
5	16QAM	12	0	17.31	17.23	17.40	18.10
5	16QAM	12	7	17.14	17.26	17.31	18.10
5	16QAM	12	13	17.20	17.26	17.47	18.10
5	16QAM	25	0	17.26	17.31	17.25	18.10
5	64QAM	1	0	17.17	17.22	17.32	18.10
5	64QAM	1	12	17.21	17.32	17.18	18.10
5	64QAM	1	24	17.20	17.22	17.25	18.10
5	64QAM	12	0	17.18	17.26	17.27	18.10
5	64QAM	12	7	17.24	17.31	17.24	18.10
5	64QAM	12	13	17.28	17.38	17.26	18.10
5	64QAM	25	0	17.15	17.41	17.17	18.10
5	256QAM	1	0	17.31	17.31	17.40	18.10
5	256QAM	1	12	17.29	17.36	17.24	18.10
5	256QAM	1	24	17.29	17.16	17.26	18.10
5	256QAM	12	0	17.14	17.39	17.19	18.10
5	256QAM	12	7	17.40	17.34	17.17	18.10

5	256QAM	12	13	17.24	17.17	17.20	18.10
5	256QAM	25	0	17.12	17.35	17.22	18.10

【LTE Band 38_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				37850	38000	38150	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	17.44	17.52	17.47	18.50
20	QPSK	1	49	17.45	17.37	17.27	18.50
20	QPSK	1	99	17.43	17.42	17.42	18.50
20	QPSK	50	0	17.38	17.42	17.40	18.50
20	QPSK	50	24	17.35	17.41	17.38	18.50
20	QPSK	50	50	17.37	17.38	17.47	18.50
20	QPSK	100	0	17.27	17.41	17.34	18.50
20	16QAM	1	0	17.34	17.50	17.42	18.50
20	16QAM	1	49	17.41	17.42	17.41	18.50
20	16QAM	1	99	17.45	17.39	17.44	18.50
20	16QAM	50	0	17.37	17.37	17.48	18.50
20	16QAM	50	24	17.27	17.36	17.46	18.50
20	16QAM	50	50	17.27	17.39	17.48	18.50
20	16QAM	100	0	17.40	17.41	17.37	18.50
20	64QAM	1	0	17.30	17.35	17.34	18.50
20	64QAM	1	49	17.23	17.40	17.33	18.50
20	64QAM	1	99	17.22	17.33	17.28	18.50
20	64QAM	50	0	17.26	17.38	17.39	18.50
20	64QAM	50	24	17.25	17.44	17.29	18.50
20	64QAM	50	50	17.41	17.41	17.28	18.50
20	64QAM	100	0	17.28	17.51	17.27	18.50
20	256QAM	1	0	17.33	17.33	17.46	18.50
20	256QAM	1	49	17.38	17.40	17.35	18.50
20	256QAM	1	99	17.30	17.31	17.32	18.50
20	256QAM	50	0	17.25	17.48	17.29	18.50
20	256QAM	50	24	17.42	17.35	17.25	18.50
20	256QAM	50	50	17.36	17.31	17.30	18.50
20	256QAM	100	0	17.26	17.44	17.34	18.50
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	17.30	17.43	17.37	18.50
15	QPSK	1	37	17.34	17.29	17.20	18.50
15	QPSK	1	74	17.32	17.27	17.29	18.50
15	QPSK	36	0	17.34	17.28	17.26	18.50
15	QPSK	36	20	17.24	17.33	17.33	18.50
15	QPSK	36	39	17.28	17.26	17.35	18.50
15	QPSK	75	0	17.15	17.26	17.26	18.50
15	16QAM	1	0	17.22	17.49	17.28	18.50
15	16QAM	1	37	17.28	17.36	17.32	18.50
15	16QAM	1	74	17.36	17.24	17.35	18.50
15	16QAM	36	0	17.32	17.35	17.45	18.50
15	16QAM	36	20	17.22	17.26	17.45	18.50
15	16QAM	36	39	17.20	17.37	17.45	18.50
15	16QAM	75	0	17.38	17.32	17.28	18.50
15	64QAM	1	0	17.29	17.20	17.29	18.50
15	64QAM	1	37	17.11	17.38	17.24	18.50
15	64QAM	1	74	17.20	17.19	17.19	18.50
15	64QAM	36	0	17.22	17.32	17.25	18.50
15	64QAM	36	20	17.22	17.38	17.17	18.50
15	64QAM	36	39	17.34	17.38	17.20	18.50
15	64QAM	75	0	17.26	17.46	17.21	18.50
15	256QAM	1	0	17.24	17.29	17.42	18.50
15	256QAM	1	37	17.35	17.27	17.33	18.50
15	256QAM	1	74	17.25	17.27	17.19	18.50
15	256QAM	36	0	17.18	17.36	17.25	18.50
15	256QAM	36	20	17.32	17.21	17.19	18.50
15	256QAM	36	39	17.34	17.16	17.16	18.50
15	256QAM	75	0	17.23	17.36	17.27	18.50
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	17.42	17.38	17.37	18.50
10	QPSK	1	25	17.35	17.26	17.23	18.50
10	QPSK	1	49	17.40	17.29	17.27	18.50
10	QPSK	25	0	17.37	17.29	17.34	18.50

10	QPSK	25	12	17.31	17.37	17.35	18.50
10	QPSK	25	25	17.34	17.35	17.43	18.50
10	QPSK	50	0	17.13	17.29	17.21	18.50
10	16QAM	1	0	17.21	17.42	17.37	18.50
10	16QAM	1	25	17.31	17.39	17.27	18.50
10	16QAM	1	49	17.37	17.31	17.32	18.50
10	16QAM	25	0	17.26	17.26	17.42	18.50
10	16QAM	25	12	17.13	17.35	17.42	18.50
10	16QAM	25	25	17.23	17.28	17.38	18.50
10	16QAM	50	0	17.36	17.28	17.28	18.50
10	64QAM	1	0	17.17	17.23	17.20	18.50
10	64QAM	1	25	17.20	17.38	17.25	18.50
10	64QAM	1	49	17.07	17.20	17.17	18.50
10	64QAM	25	0	17.20	17.34	17.27	18.50
10	64QAM	25	12	17.14	17.39	17.21	18.50
10	64QAM	25	25	17.27	17.32	17.22	18.50
10	64QAM	50	0	17.18	17.48	17.22	18.50
10	256QAM	1	0	17.19	17.18	17.33	18.50
10	256QAM	1	25	17.36	17.37	17.22	18.50
10	256QAM	1	49	17.17	17.18	17.27	18.50
10	256QAM	25	0	17.11	17.45	17.15	18.50
10	256QAM	25	12	17.34	17.25	17.14	18.50
10	256QAM	25	25	17.28	17.22	17.27	18.50
10	256QAM	50	0	17.15	17.37	17.24	18.50
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	17.29	17.45	17.40	18.50
5	QPSK	1	12	17.37	17.32	17.22	18.50
5	QPSK	1	24	17.41	17.36	17.28	18.50
5	QPSK	12	0	17.36	17.33	17.32	18.50
5	QPSK	12	7	17.29	17.35	17.27	18.50
5	QPSK	12	13	17.26	17.26	17.34	18.50
5	QPSK	25	0	17.15	17.31	17.19	18.50
5	16QAM	1	0	17.29	17.43	17.35	18.50
5	16QAM	1	12	17.36	17.32	17.29	18.50
5	16QAM	1	24	17.39	17.28	17.42	18.50
5	16QAM	12	0	17.31	17.23	17.40	18.50
5	16QAM	12	7	17.14	17.26	17.31	18.50
5	16QAM	12	13	17.20	17.26	17.47	18.50
5	16QAM	25	0	17.26	17.31	17.25	18.50
5	64QAM	1	0	17.17	17.22	17.32	18.50
5	64QAM	1	12	17.21	17.32	17.18	18.50
5	64QAM	1	24	17.20	17.22	17.25	18.50
5	64QAM	12	0	17.18	17.26	17.27	18.50
5	64QAM	12	7	17.24	17.31	17.24	18.50
5	64QAM	12	13	17.28	17.38	17.26	18.50
5	64QAM	25	0	17.15	17.41	17.17	18.50
5	256QAM	1	0	17.31	17.31	17.40	18.50
5	256QAM	1	12	17.29	17.36	17.24	18.50
5	256QAM	1	24	17.29	17.16	17.26	18.50
5	256QAM	12	0	17.14	17.39	17.19	18.50
5	256QAM	12	7	17.40	17.34	17.17	18.50
5	256QAM	12	13	17.24	17.17	17.20	18.50
5	256QAM	25	0	17.12	17.35	17.22	18.50

【LTE Band 38_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				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	23.05	23.12	23.11	24.00
20	QPSK	1	49	23.02	23.07	23.00	24.00
20	QPSK	1	99	23.00	23.09	23.02	24.00
20	QPSK	50	0	22.02	22.15	22.07	23.00
20	QPSK	50	24	22.01	22.11	22.03	23.00
20	QPSK	50	50	22.01	22.14	22.01	23.00
20	QPSK	100	0	22.00	22.12	22.08	23.00
20	16QAM	1	0	22.02	22.12	22.02	23.00
20	16QAM	1	49	22.09	22.29	22.22	23.00
20	16QAM	1	99	22.00	22.02	22.01	23.00
20	16QAM	50	0	21.06	21.13	21.03	22.00
20	16QAM	50	24	21.01	21.14	21.06	22.00

20	16QAM	50	50	21.07	21.17	21.09	22.00
20	16QAM	100	0	21.01	21.12	21.03	22.00
20	64QAM	1	0	21.00	21.20	21.06	22.00
20	64QAM	1	49	21.11	21.20	21.11	22.00
20	64QAM	1	99	21.01	21.05	21.00	22.00
20	64QAM	50	0	20.01	20.15	20.07	21.00
20	64QAM	50	24	20.01	20.13	20.00	21.00
20	64QAM	50	50	20.00	20.15	20.08	21.00
20	64QAM	100	0	20.00	20.11	20.06	21.00
20	256QAM	1	0	18.00	18.07	18.01	19.00
20	256QAM	1	49	18.01	18.13	18.06	19.00
20	256QAM	1	99	18.00	18.06	18.01	19.00
20	256QAM	50	0	18.01	18.15	18.12	19.00
20	256QAM	50	24	18.00	18.14	18.10	19.00
20	256QAM	50	50	18.03	18.20	18.14	19.00
20	256QAM	100	0	18.00	18.15	18.02	19.00
Channel				37825	38000	38175	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	QPSK	1	0	23.00	23.10	23.05	24.00
15	QPSK	1	37	23.02	23.00	23.00	24.00
15	QPSK	1	74	23.00	23.08	23.01	24.00
15	QPSK	36	0	22.01	22.03	22.02	23.00
15	QPSK	36	20	22.00	22.04	22.01	23.00
15	QPSK	36	39	22.00	22.02	22.00	23.00
15	QPSK	75	0	22.00	22.01	22.01	23.00
15	16QAM	1	0	22.00	22.00	22.00	23.00
15	16QAM	1	37	22.06	22.25	22.08	23.00
15	16QAM	1	74	22.02	22.02	22.00	23.00
15	16QAM	36	0	21.00	21.00	21.02	22.00
15	16QAM	36	20	21.01	21.12	21.00	22.00
15	16QAM	36	39	21.01	21.09	21.01	22.00
15	16QAM	75	0	21.00	21.00	21.00	22.00
15	64QAM	1	0	21.01	21.08	21.00	22.00
15	64QAM	1	37	21.03	21.19	21.10	22.00
15	64QAM	1	74	21.00	21.00	21.00	22.00
15	64QAM	36	0	20.02	20.03	20.01	21.00
15	64QAM	36	20	20.00	20.07	20.01	21.00
15	64QAM	36	39	20.00	20.10	20.01	21.00
15	64QAM	75	0	20.02	20.00	20.00	21.00
15	256QAM	1	0	18.00	18.00	18.00	19.00
15	256QAM	1	37	18.00	18.05	18.02	19.00
15	256QAM	1	74	18.01	18.04	18.00	19.00
15	256QAM	36	0	18.01	18.02	18.03	19.00
15	256QAM	36	20	18.00	18.07	18.06	19.00
15	256QAM	36	39	18.00	18.10	18.06	19.00
15	256QAM	75	0	18.01	18.06	18.00	19.00
Channel				37800	38000	38200	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	QPSK	1	0	23.02	23.08	23.01	24.00
10	QPSK	1	25	23.00	23.01	23.00	24.00
10	QPSK	1	49	23.00	23.05	23.01	24.00
10	QPSK	25	0	22.00	22.04	22.00	23.00
10	QPSK	25	12	22.01	22.05	22.00	23.00
10	QPSK	25	25	22.02	22.08	22.00	23.00
10	QPSK	50	0	22.00	22.06	22.00	23.00
10	16QAM	1	0	22.00	22.00	22.02	23.00
10	16QAM	1	25	22.03	22.17	22.13	23.00
10	16QAM	1	49	22.00	22.01	22.02	23.00
10	16QAM	25	0	21.00	21.08	21.00	22.00
10	16QAM	25	12	21.00	21.11	21.00	22.00
10	16QAM	25	25	21.02	21.08	21.00	22.00
10	16QAM	50	0	21.01	21.05	21.00	22.00
10	64QAM	1	0	21.01	21.17	21.01	22.00
10	64QAM	1	25	21.10	21.16	21.04	22.00
10	64QAM	1	49	21.02	21.00	21.00	22.00
10	64QAM	25	0	20.02	20.13	20.04	21.00
10	64QAM	25	12	20.00	20.07	20.00	21.00
10	64QAM	25	25	20.00	20.05	20.02	21.00
10	64QAM	50	0	20.02	20.04	20.01	21.00
10	256QAM	1	0	18.00	18.01	18.02	19.00
10	256QAM	1	25	18.00	18.10	18.03	19.00
10	256QAM	1	49	18.00	18.00	18.00	19.00
10	256QAM	25	0	18.02	18.12	18.02	19.00
10	256QAM	25	12	18.01	18.01	18.02	19.00
10	256QAM	25	25	18.01	18.07	18.07	19.00
10	256QAM	50	0	18.01	18.10	18.00	19.00
Channel				37775	38000	38225	Tune-up limit
Frequency (MHz)				2572.5	2595	2617.5	(dBm)

5	QPSK	1	0	23.00	23.00	23.00	24.00
5	QPSK	1	12	23.00	23.00	23.01	24.00
5	QPSK	1	24	23.00	23.00	23.01	24.00
5	QPSK	12	0	22.01	22.07	22.03	23.00
5	QPSK	12	7	22.02	22.00	22.00	23.00
5	QPSK	12	13	22.00	22.11	22.00	23.00
5	QPSK	25	0	22.00	22.11	22.01	23.00
5	16QAM	1	0	22.00	22.05	22.01	23.00
5	16QAM	1	12	22.01	22.15	22.11	23.00
5	16QAM	1	24	22.00	22.00	22.01	23.00
5	16QAM	12	0	21.01	21.09	21.00	22.00
5	16QAM	12	7	21.01	21.01	21.01	22.00
5	16QAM	12	13	21.00	21.12	21.07	22.00
5	16QAM	25	0	21.00	21.06	21.00	22.00
5	64QAM	1	0	21.01	21.12	21.04	22.00
5	64QAM	1	12	21.01	21.17	21.05	22.00
5	64QAM	1	24	21.00	21.01	21.01	22.00
5	64QAM	12	0	20.00	20.11	20.01	21.00
5	64QAM	12	7	20.01	20.04	20.01	21.00
5	64QAM	12	13	20.01	20.02	20.01	21.00
5	64QAM	25	0	20.01	20.06	20.05	21.00
5	256QAM	1	0	18.00	18.01	18.00	19.00
5	256QAM	1	12	18.00	18.02	18.02	19.00
5	256QAM	1	24	18.00	18.01	18.00	19.00
5	256QAM	12	0	18.00	18.06	18.00	19.00
5	256QAM	12	7	18.00	18.13	18.07	19.00
5	256QAM	12	13	18.02	18.16	18.10	19.00
5	256QAM	25	0	18.01	18.07	18.00	19.00

【LTE Band 38_Ant 1_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	21.98	22.01	22.01	23.00
20	QPSK	1	49	21.89	21.94	21.97	23.00
20	QPSK	1	99	21.78	22.01	21.91	23.00
20	QPSK	50	0	21.89	21.98	21.83	23.00
20	QPSK	50	24	21.83	21.86	21.79	23.00
20	QPSK	50	50	21.79	21.89	21.98	23.00
20	QPSK	100	0	21.89	21.93	21.84	23.00
20	16QAM	1	0	21.89	21.92	22.01	23.00
20	16QAM	1	49	21.82	21.82	22.02	23.00
20	16QAM	1	99	22.00	21.87	21.81	23.00
20	16QAM	50	0	20.93	20.98	20.90	22.00
20	16QAM	50	24	20.87	21.01	20.91	22.00
20	16QAM	50	50	21.00	20.97	21.07	22.00
20	16QAM	100	0	21.05	20.92	20.96	22.00
20	64QAM	1	0	20.95	21.06	20.92	22.00
20	64QAM	1	49	20.89	20.98	21.00	22.00
20	64QAM	1	99	21.02	20.90	21.04	22.00
20	64QAM	50	0	20.05	19.97	19.91	21.00
20	64QAM	50	24	19.94	20.08	19.90	21.00
20	64QAM	50	50	19.98	19.95	20.03	21.00
20	64QAM	100	0	19.90	19.99	20.07	21.00
20	256QAM	1	0	18.08	18.08	18.05	19.00
20	256QAM	1	49	18.04	18.04	17.97	19.00
20	256QAM	1	99	18.04	17.92	17.97	19.00
20	256QAM	50	0	17.94	17.90	17.97	19.00
20	256QAM	50	24	17.98	17.93	17.90	19.00
20	256QAM	50	50	17.86	17.98	17.95	19.00
20	256QAM	100	0	18.06	17.95	17.97	19.00
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	21.85	21.95	21.99	23.00
15	QPSK	1	37	21.80	21.91	21.94	23.00
15	QPSK	1	74	21.72	21.99	21.80	23.00
15	QPSK	36	0	21.75	21.86	21.71	23.00
15	QPSK	36	20	21.82	21.78	21.73	23.00
15	QPSK	36	39	21.77	21.88	21.92	23.00
15	QPSK	75	0	21.86	21.91	21.81	23.00
15	16QAM	1	0	21.81	21.90	21.96	23.00

15	16QAM	1	37	21.68	21.78	21.93	23.00
15	16QAM	1	74	21.92	21.84	21.71	23.00
15	16QAM	36	0	20.81	20.86	20.88	22.00
15	16QAM	36	20	20.85	20.91	20.77	22.00
15	16QAM	36	39	20.89	20.90	20.99	22.00
15	16QAM	75	0	20.96	20.86	20.88	22.00
15	64QAM	1	0	20.91	20.95	20.84	22.00
15	64QAM	1	37	20.86	20.86	20.96	22.00
15	64QAM	1	74	21.00	20.87	20.96	22.00
15	64QAM	36	0	19.91	19.84	19.87	21.00
15	64QAM	36	20	19.93	19.99	19.84	21.00
15	64QAM	36	39	19.90	19.89	19.96	21.00
15	64QAM	75	0	19.77	19.95	20.04	21.00
15	256QAM	1	0	18.06	17.97	17.97	19.00
15	256QAM	1	37	17.96	17.98	17.88	19.00
15	256QAM	1	74	18.02	17.81	17.82	19.00
15	256QAM	36	0	17.92	17.81	17.91	19.00
15	256QAM	36	20	17.93	17.87	17.83	19.00
15	256QAM	36	39	17.82	17.96	17.89	19.00
15	256QAM	75	0	17.91	17.89	17.85	19.00
Channel				37800	38000	38200	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	QPSK	1	0	21.96	21.93	21.87	23.00
10	QPSK	1	25	21.79	21.81	21.96	23.00
10	QPSK	1	49	21.72	21.86	21.78	23.00
10	QPSK	25	0	21.78	21.94	21.74	23.00
10	QPSK	25	12	21.79	21.84	21.66	23.00
10	QPSK	25	25	21.78	21.84	21.95	23.00
10	QPSK	50	0	21.83	21.89	21.77	23.00
10	16QAM	1	0	21.75	21.77	21.93	23.00
10	16QAM	1	25	21.80	21.76	21.95	23.00
10	16QAM	1	49	21.94	21.76	21.78	23.00
10	16QAM	25	0	20.89	20.95	20.77	22.00
10	16QAM	25	12	20.75	20.91	20.87	22.00
10	16QAM	25	25	20.93	20.94	20.95	22.00
10	16QAM	50	0	20.92	20.85	20.84	22.00
10	64QAM	1	0	20.87	21.00	20.88	22.00
10	64QAM	1	25	20.88	20.93	20.90	22.00
10	64QAM	1	49	20.93	20.89	20.97	22.00
10	64QAM	25	0	19.92	19.84	19.81	21.00
10	64QAM	25	12	19.84	19.93	19.78	21.00
10	64QAM	25	25	19.94	19.94	19.90	21.00
10	64QAM	50	0	19.79	19.96	20.04	21.00
10	256QAM	1	0	18.06	18.04	18.01	19.00
10	256QAM	1	25	17.90	17.93	17.87	19.00
10	256QAM	1	49	17.96	17.88	17.90	19.00
10	256QAM	25	0	17.93	17.79	17.96	19.00
10	256QAM	25	12	17.92	17.92	17.78	19.00
10	256QAM	25	25	17.76	17.87	17.94	19.00
10	256QAM	50	0	17.93	17.90	17.91	19.00
Channel				37775	38000	38225	Tune-up limit
Frequency (MHz)				2572.5	2595	2617.5	(dBm)
5	QPSK	1	0	21.86	21.91	21.89	23.00
5	QPSK	1	12	21.79	21.84	21.85	23.00
5	QPSK	1	24	21.70	21.98	21.78	23.00
5	QPSK	12	0	21.83	21.97	21.79	23.00
5	QPSK	12	7	21.70	21.80	21.73	23.00
5	QPSK	12	13	21.72	21.84	21.92	23.00
5	QPSK	25	0	21.79	21.80	21.73	23.00
5	16QAM	1	0	21.86	21.81	21.99	23.00
5	16QAM	1	12	21.68	21.80	21.88	23.00
5	16QAM	1	24	21.92	21.72	21.76	23.00
5	16QAM	12	0	20.89	20.86	20.76	22.00
5	16QAM	12	7	20.73	21.00	20.77	22.00
5	16QAM	12	13	20.99	20.86	20.98	22.00
5	16QAM	25	0	20.97	20.91	20.84	22.00
5	64QAM	1	0	20.91	20.96	20.78	22.00
5	64QAM	1	12	20.82	20.87	20.89	22.00
5	64QAM	1	24	20.92	20.79	20.98	22.00
5	64QAM	12	0	19.94	19.88	19.82	21.00
5	64QAM	12	7	19.87	20.02	19.77	21.00
5	64QAM	12	13	19.89	19.89	19.93	21.00
5	64QAM	25	0	19.77	19.97	19.97	21.00
5	256QAM	1	0	17.97	17.99	17.96	19.00
5	256QAM	1	12	18.03	17.93	17.92	19.00
5	256QAM	1	24	18.02	17.89	17.84	19.00
5	256QAM	12	0	17.82	17.80	17.95	19.00
5	256QAM	12	7	17.90	17.90	17.82	19.00

5	256QAM	12	13	17.78	17.88	17.86	19.00
5	256QAM	25	0	18.05	17.90	17.94	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	15.62	15.68	15.65	16.70
20	QPSK	1	49	15.62	15.67	15.58	16.70
20	QPSK	1	99	15.40	15.48	15.46	16.70
20	QPSK	50	0	15.61	15.67	15.54	16.70
20	QPSK	50	24	15.57	15.67	15.50	16.70
20	QPSK	50	50	15.48	15.50	15.54	16.70
20	QPSK	100	0	15.61	15.66	15.56	16.70
20	16QAM	1	0	15.45	15.55	15.48	16.70
20	16QAM	1	49	15.57	15.51	15.57	16.70
20	16QAM	1	99	15.59	15.50	15.49	16.70
20	16QAM	50	0	15.43	15.60	15.49	16.70
20	16QAM	50	24	15.57	15.60	15.44	16.70
20	16QAM	50	50	15.46	15.56	15.55	16.70
20	16QAM	100	0	15.54	15.59	15.63	16.70
20	64QAM	1	0	15.48	15.63	15.44	16.70
20	64QAM	1	49	15.59	15.68	15.46	16.70
20	64QAM	1	99	15.64	15.61	15.59	16.70
20	64QAM	50	0	15.51	15.50	15.59	16.70
20	64QAM	50	24	15.58	15.58	15.56	16.70
20	64QAM	50	50	15.48	15.47	15.45	16.70
20	64QAM	100	0	15.40	15.46	15.55	16.70
20	256QAM	1	0	15.63	15.60	15.67	16.70
20	256QAM	1	49	15.40	15.56	15.64	16.70
20	256QAM	1	99	15.50	15.68	15.62	16.70
20	256QAM	50	0	15.40	15.69	15.54	16.70
20	256QAM	50	24	15.50	15.48	15.58	16.70
20	256QAM	50	50	15.40	15.54	15.54	16.70
20	256QAM	100	0	15.41	15.59	15.46	16.70
Channel				37825	38000	38175	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	QPSK	1	0	15.60	15.64	15.60	16.70
15	QPSK	1	37	15.52	15.53	15.44	16.70
15	QPSK	1	74	15.33	15.38	15.41	16.70
15	QPSK	36	0	15.53	15.61	15.44	16.70
15	QPSK	36	20	15.44	15.65	15.45	16.70
15	QPSK	36	39	15.37	15.43	15.51	16.70
15	QPSK	75	0	15.59	15.60	15.48	16.70
15	16QAM	1	0	15.30	15.54	15.39	16.70
15	16QAM	1	37	15.52	15.46	15.47	16.70
15	16QAM	1	74	15.45	15.44	15.47	16.70
15	16QAM	36	0	15.34	15.50	15.34	16.70
15	16QAM	36	20	15.42	15.54	15.41	16.70
15	16QAM	36	39	15.34	15.44	15.42	16.70
15	16QAM	75	0	15.50	15.49	15.51	16.70
15	64QAM	1	0	15.38	15.57	15.39	16.70
15	64QAM	1	37	15.47	15.66	15.39	16.70
15	64QAM	1	74	15.49	15.50	15.50	16.70
15	64QAM	36	0	15.45	15.42	15.50	16.70
15	64QAM	36	20	15.45	15.45	15.51	16.70
15	64QAM	36	39	15.40	15.42	15.41	16.70
15	64QAM	75	0	15.35	15.38	15.50	16.70
15	256QAM	1	0	15.56	15.52	15.58	16.70
15	256QAM	1	37	15.32	15.47	15.51	16.70
15	256QAM	1	74	15.43	15.54	15.61	16.70
15	256QAM	36	0	15.32	15.55	15.48	16.70
15	256QAM	36	20	15.36	15.44	15.50	16.70
15	256QAM	36	39	15.35	15.52	15.52	16.70
15	256QAM	75	0	15.35	15.54	15.36	16.70
Channel				37800	38000	38200	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	QPSK	1	0	15.52	15.66	15.57	16.70
10	QPSK	1	25	15.56	15.55	15.49	16.70
10	QPSK	1	49	15.27	15.39	15.33	16.70
10	QPSK	25	0	15.51	15.54	15.51	16.70

10	QPSK	25	12	15.45	15.56	15.49	16.70
10	QPSK	25	25	15.38	15.46	15.43	16.70
10	QPSK	50	0	15.50	15.64	15.46	16.70
10	16QAM	1	0	15.33	15.46	15.42	16.70
10	16QAM	1	25	15.42	15.46	15.56	16.70
10	16QAM	1	49	15.54	15.42	15.42	16.70
10	16QAM	25	0	15.30	15.49	15.45	16.70
10	16QAM	25	12	15.53	15.59	15.30	16.70
10	16QAM	25	25	15.40	15.53	15.41	16.70
10	16QAM	50	0	15.39	15.54	15.51	16.70
10	64QAM	1	0	15.43	15.49	15.38	16.70
10	64QAM	1	25	15.56	15.54	15.35	16.70
10	64QAM	1	49	15.50	15.51	15.55	16.70
10	64QAM	25	0	15.41	15.43	15.54	16.70
10	64QAM	25	12	15.54	15.48	15.44	16.70
10	64QAM	25	25	15.39	15.42	15.32	16.70
10	64QAM	50	0	15.38	15.38	15.52	16.70
10	256QAM	1	0	15.56	15.49	15.55	16.70
10	256QAM	1	25	15.25	15.52	15.53	16.70
10	256QAM	1	49	15.38	15.61	15.56	16.70
10	256QAM	25	0	15.28	15.68	15.48	16.70
10	256QAM	25	12	15.49	15.34	15.44	16.70
10	256QAM	25	25	15.35	15.42	15.48	16.70
10	256QAM	50	0	15.36	15.52	15.45	16.70
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	15.55	15.55	15.60	16.70
5	QPSK	1	12	15.52	15.59	15.46	16.70
5	QPSK	1	24	15.39	15.41	15.33	16.70
5	QPSK	12	0	15.56	15.63	15.48	16.70
5	QPSK	12	7	15.50	15.62	15.45	16.70
5	QPSK	12	13	15.39	15.49	15.48	16.70
5	QPSK	25	0	15.56	15.63	15.51	16.70
5	16QAM	1	0	15.31	15.42	15.34	16.70
5	16QAM	1	12	15.45	15.49	15.45	16.70
5	16QAM	1	24	15.49	15.46	15.39	16.70
5	16QAM	12	0	15.41	15.48	15.44	16.70
5	16QAM	12	7	15.44	15.50	15.30	16.70
5	16QAM	12	13	15.41	15.47	15.42	16.70
5	16QAM	25	0	15.48	15.51	15.56	16.70
5	64QAM	1	0	15.45	15.62	15.31	16.70
5	64QAM	1	12	15.54	15.60	15.41	16.70
5	64QAM	1	24	15.57	15.48	15.54	16.70
5	64QAM	12	0	15.40	15.46	15.49	16.70
5	64QAM	12	7	15.45	15.43	15.47	16.70
5	64QAM	12	13	15.38	15.36	15.34	16.70
5	64QAM	25	0	15.32	15.45	15.45	16.70
5	256QAM	1	0	15.48	15.59	15.61	16.70
5	256QAM	1	12	15.32	15.51	15.50	16.70
5	256QAM	1	24	15.47	15.57	15.58	16.70
5	256QAM	12	0	15.32	15.57	15.44	16.70
5	256QAM	12	7	15.49	15.39	15.50	16.70
5	256QAM	12	13	15.29	15.48	15.50	16.70
5	256QAM	25	0	15.28	15.55	15.37	16.70

【LTE Band 38_Ant 2_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	23.15	23.21	23.09	24.00
20	QPSK	1	49	22.97	23.15	23.00	24.00
20	QPSK	1	99	22.87	23.00	22.78	24.00
20	QPSK	50	0	22.21	22.28	22.10	23.00
20	QPSK	50	24	22.11	22.18	21.97	23.00
20	QPSK	50	50	22.04	22.14	21.90	23.00
20	QPSK	100	0	22.08	22.19	21.93	23.00
20	16QAM	1	0	22.12	22.26	22.05	23.00
20	16QAM	1	49	22.02	22.14	21.91	23.00
20	16QAM	1	99	21.84	21.98	21.85	23.00
20	16QAM	50	0	21.11	21.28	21.07	22.00
20	16QAM	50	24	21.05	21.22	20.98	22.00

20	16QAM	50	50	21.07	21.15	20.94	22.00
20	16QAM	100	0	21.03	21.21	21.07	22.00
20	64QAM	1	0	21.16	21.33	21.08	22.00
20	64QAM	1	49	21.19	21.30	21.15	22.00
20	64QAM	1	99	20.88	21.03	20.86	22.00
20	64QAM	50	0	20.19	20.28	20.07	21.00
20	64QAM	50	24	20.16	20.23	19.98	21.00
20	64QAM	50	50	20.02	20.13	19.97	21.00
20	64QAM	100	0	20.03	20.21	20.04	21.00
20	256QAM	1	0	18.23	18.33	18.10	19.00
20	256QAM	1	49	18.13	18.23	18.09	19.00
20	256QAM	1	99	17.82	18.01	17.90	19.00
20	256QAM	50	0	18.17	18.33	18.20	19.00
20	256QAM	50	24	18.15	18.25	18.09	19.00
20	256QAM	50	50	18.06	18.19	17.95	19.00
20	256QAM	100	0	18.10	18.21	17.98	19.00
Channel				37825	38000	38175	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	QPSK	1	0	23.13	23.18	22.95	24.00
15	QPSK	1	37	22.91	23.07	22.90	24.00
15	QPSK	1	74	22.78	22.97	22.74	24.00
15	QPSK	36	0	22.11	22.21	21.99	23.00
15	QPSK	36	20	21.97	22.15	21.91	23.00
15	QPSK	36	39	21.90	22.04	21.85	23.00
15	QPSK	75	0	21.95	22.16	21.89	23.00
15	16QAM	1	0	22.05	22.14	21.92	23.00
15	16QAM	1	37	21.87	22.10	21.78	23.00
15	16QAM	1	74	21.71	21.88	21.78	23.00
15	16QAM	36	0	20.99	21.22	20.99	22.00
15	16QAM	36	20	20.96	21.11	20.90	22.00
15	16QAM	36	39	21.06	21.09	20.85	22.00
15	16QAM	75	0	20.96	21.18	20.98	22.00
15	64QAM	1	0	21.12	21.25	21.01	22.00
15	64QAM	1	37	21.13	21.26	21.10	22.00
15	64QAM	1	74	20.86	20.98	20.78	22.00
15	64QAM	36	0	20.18	20.19	19.92	21.00
15	64QAM	36	20	20.12	20.12	19.97	21.00
15	64QAM	36	39	19.90	20.02	19.82	21.00
15	64QAM	75	0	20.01	20.11	19.91	21.00
15	256QAM	1	0	18.10	18.19	18.07	19.00
15	256QAM	1	37	18.10	18.20	18.07	19.00
15	256QAM	1	74	17.70	17.91	17.79	19.00
15	256QAM	36	0	18.03	18.20	18.08	19.00
15	256QAM	36	20	18.08	18.23	17.95	19.00
15	256QAM	36	39	18.02	18.17	17.91	19.00
15	256QAM	75	0	17.97	18.11	17.84	19.00
Channel				37800	38000	38200	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	QPSK	1	0	23.10	23.09	23.07	24.00
10	QPSK	1	25	22.86	23.02	22.88	24.00
10	QPSK	1	49	22.77	22.85	22.75	24.00
10	QPSK	25	0	22.14	22.16	22.01	23.00
10	QPSK	25	12	22.07	22.08	21.93	23.00
10	QPSK	25	25	22.01	22.11	21.86	23.00
10	QPSK	50	0	21.98	22.05	21.90	23.00
10	16QAM	1	0	22.10	22.24	21.97	23.00
10	16QAM	1	25	22.00	22.05	21.90	23.00
10	16QAM	1	49	21.71	21.92	21.80	23.00
10	16QAM	25	0	21.01	21.24	20.97	22.00
10	16QAM	25	12	20.92	21.14	20.83	22.00
10	16QAM	25	25	21.01	21.12	20.79	22.00
10	16QAM	50	0	20.94	21.08	20.99	22.00
10	64QAM	1	0	21.11	21.26	21.06	22.00
10	64QAM	1	25	21.10	21.19	21.05	22.00
10	64QAM	1	49	20.80	20.92	20.83	22.00
10	64QAM	25	0	20.11	20.16	20.05	21.00
10	64QAM	25	12	20.05	20.14	19.91	21.00
10	64QAM	25	25	19.90	19.99	19.91	21.00
10	64QAM	50	0	19.95	20.16	20.02	21.00
10	256QAM	1	0	18.19	18.30	18.01	19.00
10	256QAM	1	25	18.09	18.08	17.96	19.00
10	256QAM	1	49	17.70	17.86	17.78	19.00
10	256QAM	25	0	18.09	18.27	18.18	19.00
10	256QAM	25	12	18.10	18.18	18.01	19.00
10	256QAM	25	25	17.96	18.14	17.88	19.00
10	256QAM	50	0	18.05	18.08	17.87	19.00
Channel				37775	38000	38225	Tune-up limit
Frequency (MHz)				2572.5	2595	2617.5	(dBm)

5	QPSK	1	0	23.08	23.20	22.99	24.00
5	QPSK	1	12	22.90	23.03	22.88	24.00
5	QPSK	1	24	22.82	22.98	22.64	24.00
5	QPSK	12	0	22.15	22.25	21.99	23.00
5	QPSK	12	7	22.05	22.10	21.94	23.00
5	QPSK	12	13	21.96	22.07	21.86	23.00
5	QPSK	25	0	22.05	22.10	21.86	23.00
5	16QAM	1	0	21.98	22.12	22.01	23.00
5	16QAM	1	12	21.99	22.06	21.86	23.00
5	16QAM	1	24	21.80	21.96	21.79	23.00
5	16QAM	12	0	21.07	21.14	20.94	22.00
5	16QAM	12	7	21.00	21.18	20.92	22.00
5	16QAM	12	13	20.97	21.07	20.91	22.00
5	16QAM	25	0	20.93	21.19	20.99	22.00
5	64QAM	1	0	21.10	21.27	21.07	22.00
5	64QAM	1	12	21.16	21.17	21.03	22.00
5	64QAM	1	24	20.83	20.95	20.76	22.00
5	64QAM	12	0	20.08	20.17	19.93	21.00
5	64QAM	12	7	20.05	20.17	19.90	21.00
5	64QAM	12	13	19.91	20.08	19.92	21.00
5	64QAM	25	0	19.93	20.15	19.92	21.00
5	256QAM	1	0	18.22	18.27	17.96	19.00
5	256QAM	1	12	18.06	18.19	18.05	19.00
5	256QAM	1	24	17.73	17.88	17.85	19.00
5	256QAM	12	0	18.15	18.30	18.08	19.00
5	256QAM	12	7	18.02	18.23	17.97	19.00
5	256QAM	12	13	17.97	18.12	17.85	19.00
5	256QAM	25	0	17.99	18.07	17.84	19.00

【LTE Band 38_Ant 2_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				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	23.15	23.21	23.09	24.00
20	QPSK	1	49	22.97	23.15	23.00	24.00
20	QPSK	1	99	22.87	23.00	22.78	24.00
20	QPSK	50	0	22.21	22.28	22.10	23.00
20	QPSK	50	24	22.11	22.18	21.97	23.00
20	QPSK	50	50	22.04	22.14	21.90	23.00
20	QPSK	100	0	22.08	22.19	21.93	23.00
20	16QAM	1	0	22.12	22.26	22.05	23.00
20	16QAM	1	49	22.02	22.14	21.91	23.00
20	16QAM	1	99	21.84	21.98	21.85	23.00
20	16QAM	50	0	21.11	21.28	21.07	22.00
20	16QAM	50	24	21.05	21.22	20.98	22.00
20	16QAM	50	50	21.07	21.15	20.94	22.00
20	16QAM	100	0	21.03	21.21	21.07	22.00
20	64QAM	1	0	21.16	21.33	21.08	22.00
20	64QAM	1	49	21.19	21.30	21.15	22.00
20	64QAM	1	99	20.88	21.03	20.86	22.00
20	64QAM	50	0	20.19	20.28	20.07	21.00
20	64QAM	50	24	20.16	20.23	19.98	21.00
20	64QAM	50	50	20.02	20.13	19.97	21.00
20	64QAM	100	0	20.03	20.21	20.04	21.00
20	256QAM	1	0	18.23	18.33	18.10	19.00
20	256QAM	1	49	18.13	18.23	18.09	19.00
20	256QAM	1	99	17.82	18.01	17.90	19.00
20	256QAM	50	0	18.17	18.33	18.20	19.00
20	256QAM	50	24	18.15	18.25	18.09	19.00
20	256QAM	50	50	18.06	18.19	17.95	19.00
20	256QAM	100	0	18.10	18.21	17.98	19.00
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	23.13	23.18	22.95	24.00
15	QPSK	1	37	22.91	23.07	22.90	24.00
15	QPSK	1	74	22.78	22.97	22.74	24.00
15	QPSK	36	0	22.11	22.21	21.99	23.00
15	QPSK	36	20	21.97	22.15	21.91	23.00
15	QPSK	36	39	21.90	22.04	21.85	23.00
15	QPSK	75	0	21.95	22.16	21.89	23.00
15	16QAM	1	0	22.05	22.14	21.92	23.00

15	16QAM	1	37	21.87	22.10	21.78	23.00
15	16QAM	1	74	21.71	21.88	21.78	23.00
15	16QAM	36	0	20.99	21.22	20.99	22.00
15	16QAM	36	20	20.96	21.11	20.90	22.00
15	16QAM	36	39	21.06	21.09	20.85	22.00
15	16QAM	75	0	20.96	21.18	20.98	22.00
15	64QAM	1	0	21.12	21.25	21.01	22.00
15	64QAM	1	37	21.13	21.26	21.10	22.00
15	64QAM	1	74	20.86	20.98	20.78	22.00
15	64QAM	36	0	20.18	20.19	19.92	21.00
15	64QAM	36	20	20.12	20.12	19.97	21.00
15	64QAM	36	39	19.90	20.02	19.82	21.00
15	64QAM	75	0	20.01	20.11	19.91	21.00
15	256QAM	1	0	18.10	18.19	18.07	19.00
15	256QAM	1	37	18.10	18.20	18.07	19.00
15	256QAM	1	74	17.70	17.91	17.79	19.00
15	256QAM	36	0	18.03	18.20	18.08	19.00
15	256QAM	36	20	18.08	18.23	17.95	19.00
15	256QAM	36	39	18.02	18.17	17.91	19.00
15	256QAM	75	0	17.97	18.11	17.84	19.00
Channel				37800	38000	38200	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	QPSK	1	0	23.10	23.09	23.07	24.00
10	QPSK	1	25	22.86	23.02	22.88	24.00
10	QPSK	1	49	22.77	22.85	22.75	24.00
10	QPSK	25	0	22.14	22.16	22.01	23.00
10	QPSK	25	12	22.07	22.08	21.93	23.00
10	QPSK	25	25	22.01	22.11	21.86	23.00
10	QPSK	50	0	21.98	22.05	21.90	23.00
10	16QAM	1	0	22.10	22.24	21.97	23.00
10	16QAM	1	25	22.00	22.05	21.90	23.00
10	16QAM	1	49	21.71	21.92	21.80	23.00
10	16QAM	25	0	21.01	21.24	20.97	22.00
10	16QAM	25	12	20.92	21.14	20.83	22.00
10	16QAM	25	25	21.01	21.12	20.79	22.00
10	16QAM	50	0	20.94	21.08	20.99	22.00
10	64QAM	1	0	21.11	21.26	21.06	22.00
10	64QAM	1	25	21.10	21.19	21.05	22.00
10	64QAM	1	49	20.80	20.92	20.83	22.00
10	64QAM	25	0	20.11	20.16	20.05	21.00
10	64QAM	25	12	20.05	20.14	19.91	21.00
10	64QAM	25	25	19.90	19.99	19.91	21.00
10	64QAM	50	0	19.95	20.16	20.02	21.00
10	256QAM	1	0	18.19	18.30	18.01	19.00
10	256QAM	1	25	18.09	18.08	17.96	19.00
10	256QAM	1	49	17.70	17.86	17.78	19.00
10	256QAM	25	0	18.09	18.27	18.18	19.00
10	256QAM	25	12	18.10	18.18	18.01	19.00
10	256QAM	25	25	17.96	18.14	17.88	19.00
10	256QAM	50	0	18.05	18.08	17.87	19.00
Channel				37775	38000	38225	Tune-up limit
Frequency (MHz)				2572.5	2595	2617.5	(dBm)
5	QPSK	1	0	23.08	23.20	22.99	24.00
5	QPSK	1	12	22.90	23.03	22.88	24.00
5	QPSK	1	24	22.82	22.98	22.64	24.00
5	QPSK	12	0	22.15	22.25	21.99	23.00
5	QPSK	12	7	22.05	22.10	21.94	23.00
5	QPSK	12	13	21.96	22.07	21.86	23.00
5	QPSK	25	0	22.05	22.10	21.86	23.00
5	16QAM	1	0	21.98	22.12	22.01	23.00
5	16QAM	1	12	21.99	22.06	21.86	23.00
5	16QAM	1	24	21.80	21.96	21.79	23.00
5	16QAM	12	0	21.07	21.14	20.94	22.00
5	16QAM	12	7	21.00	21.18	20.92	22.00
5	16QAM	12	13	20.97	21.07	20.91	22.00
5	16QAM	25	0	20.93	21.19	20.99	22.00
5	64QAM	1	0	21.10	21.27	21.07	22.00
5	64QAM	1	12	21.16	21.17	21.03	22.00
5	64QAM	1	24	20.83	20.95	20.76	22.00
5	64QAM	12	0	20.08	20.17	19.93	21.00
5	64QAM	12	7	20.05	20.17	19.90	21.00
5	64QAM	12	13	19.91	20.08	19.92	21.00
5	64QAM	25	0	19.93	20.15	19.92	21.00
5	256QAM	1	0	18.22	18.27	17.96	19.00
5	256QAM	1	12	18.06	18.19	18.05	19.00
5	256QAM	1	24	17.73	17.88	17.85	19.00
5	256QAM	12	0	18.15	18.30	18.08	19.00
5	256QAM	12	7	18.02	18.23	17.97	19.00

5	256QAM	12	13	17.97	18.12	17.85	19.00
5	256QAM	25	0	17.99	18.07	17.84	19.00

【LTE Band 38_Ant 2_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				37850	38000	38150	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	23.15	23.21	23.09	24.00
20	QPSK	1	49	22.97	23.15	23.00	24.00
20	QPSK	1	99	22.87	23.00	22.78	24.00
20	QPSK	50	0	22.21	22.28	22.10	23.00
20	QPSK	50	24	22.11	22.18	21.97	23.00
20	QPSK	50	50	22.04	22.14	21.90	23.00
20	QPSK	100	0	22.08	22.19	21.93	23.00
20	16QAM	1	0	22.12	22.26	22.05	23.00
20	16QAM	1	49	22.02	22.14	21.91	23.00
20	16QAM	1	99	21.84	21.98	21.85	23.00
20	16QAM	50	0	21.11	21.28	21.07	22.00
20	16QAM	50	24	21.05	21.22	20.98	22.00
20	16QAM	50	50	21.07	21.15	20.94	22.00
20	16QAM	100	0	21.03	21.21	21.07	22.00
20	64QAM	1	0	21.16	21.33	21.08	22.00
20	64QAM	1	49	21.19	21.30	21.15	22.00
20	64QAM	1	99	20.88	21.03	20.86	22.00
20	64QAM	50	0	20.19	20.28	20.07	21.00
20	64QAM	50	24	20.16	20.23	19.98	21.00
20	64QAM	50	50	20.02	20.13	19.97	21.00
20	64QAM	100	0	20.03	20.21	20.04	21.00
20	256QAM	1	0	18.23	18.33	18.10	19.00
20	256QAM	1	49	18.13	18.23	18.09	19.00
20	256QAM	1	99	17.82	18.01	17.90	19.00
20	256QAM	50	0	18.17	18.33	18.20	19.00
20	256QAM	50	24	18.15	18.25	18.09	19.00
20	256QAM	50	50	18.06	18.19	17.95	19.00
20	256QAM	100	0	18.10	18.21	17.98	19.00
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	23.13	23.18	22.95	24.00
15	QPSK	1	37	22.91	23.07	22.90	24.00
15	QPSK	1	74	22.78	22.97	22.74	24.00
15	QPSK	36	0	22.11	22.21	21.99	23.00
15	QPSK	36	20	21.97	22.15	21.91	23.00
15	QPSK	36	39	21.90	22.04	21.85	23.00
15	QPSK	75	0	21.95	22.16	21.89	23.00
15	16QAM	1	0	22.05	22.14	21.92	23.00
15	16QAM	1	37	21.87	22.10	21.78	23.00
15	16QAM	1	74	21.71	21.88	21.78	23.00
15	16QAM	36	0	20.99	21.22	20.99	22.00
15	16QAM	36	20	20.96	21.11	20.90	22.00
15	16QAM	36	39	21.06	21.09	20.85	22.00
15	16QAM	75	0	20.96	21.18	20.98	22.00
15	64QAM	1	0	21.12	21.25	21.01	22.00
15	64QAM	1	37	21.13	21.26	21.10	22.00
15	64QAM	1	74	20.86	20.98	20.78	22.00
15	64QAM	36	0	20.18	20.19	19.92	21.00
15	64QAM	36	20	20.12	20.12	19.97	21.00
15	64QAM	36	39	19.90	20.02	19.82	21.00
15	64QAM	75	0	20.01	20.11	19.91	21.00
15	256QAM	1	0	18.10	18.19	18.07	19.00
15	256QAM	1	37	18.10	18.20	18.07	19.00
15	256QAM	1	74	17.70	17.91	17.79	19.00
15	256QAM	36	0	18.03	18.20	18.08	19.00
15	256QAM	36	20	18.08	18.23	17.95	19.00
15	256QAM	36	39	18.02	18.17	17.91	19.00
15	256QAM	75	0	17.97	18.11	17.84	19.00
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	23.10	23.09	23.07	24.00
10	QPSK	1	25	22.86	23.02	22.88	24.00
10	QPSK	1	49	22.77	22.85	22.75	24.00
10	QPSK	25	0	22.14	22.16	22.01	23.00

10	QPSK	25	12	22.07	22.08	21.93	23.00
10	QPSK	25	25	22.01	22.11	21.86	23.00
10	QPSK	50	0	21.98	22.05	21.90	23.00
10	16QAM	1	0	22.10	22.24	21.97	23.00
10	16QAM	1	25	22.00	22.05	21.90	23.00
10	16QAM	1	49	21.71	21.92	21.80	23.00
10	16QAM	25	0	21.01	21.24	20.97	22.00
10	16QAM	25	12	20.92	21.14	20.83	22.00
10	16QAM	25	25	21.01	21.12	20.79	22.00
10	16QAM	50	0	20.94	21.08	20.99	22.00
10	64QAM	1	0	21.11	21.26	21.06	22.00
10	64QAM	1	25	21.10	21.19	21.05	22.00
10	64QAM	1	49	20.80	20.92	20.83	22.00
10	64QAM	25	0	20.11	20.16	20.05	21.00
10	64QAM	25	12	20.05	20.14	19.91	21.00
10	64QAM	25	25	19.90	19.99	19.91	21.00
10	64QAM	50	0	19.95	20.16	20.02	21.00
10	256QAM	1	0	18.19	18.30	18.01	19.00
10	256QAM	1	25	18.09	18.08	17.96	19.00
10	256QAM	1	49	17.70	17.86	17.78	19.00
10	256QAM	25	0	18.09	18.27	18.18	19.00
10	256QAM	25	12	18.10	18.18	18.01	19.00
10	256QAM	25	25	17.96	18.14	17.88	19.00
10	256QAM	50	0	18.05	18.08	17.87	19.00
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	23.08	23.20	22.99	24.00
5	QPSK	1	12	22.90	23.03	22.88	24.00
5	QPSK	1	24	22.82	22.98	22.64	24.00
5	QPSK	12	0	22.15	22.25	21.99	23.00
5	QPSK	12	7	22.05	22.10	21.94	23.00
5	QPSK	12	13	21.96	22.07	21.86	23.00
5	QPSK	25	0	22.05	22.10	21.86	23.00
5	16QAM	1	0	21.98	22.12	22.01	23.00
5	16QAM	1	12	21.99	22.06	21.86	23.00
5	16QAM	1	24	21.80	21.96	21.79	23.00
5	16QAM	12	0	21.07	21.14	20.94	22.00
5	16QAM	12	7	21.00	21.18	20.92	22.00
5	16QAM	12	13	20.97	21.07	20.91	22.00
5	16QAM	25	0	20.93	21.19	20.99	22.00
5	64QAM	1	0	21.10	21.27	21.07	22.00
5	64QAM	1	12	21.16	21.17	21.03	22.00
5	64QAM	1	24	20.83	20.95	20.76	22.00
5	64QAM	12	0	20.08	20.17	19.93	21.00
5	64QAM	12	7	20.05	20.17	19.90	21.00
5	64QAM	12	13	19.91	20.08	19.92	21.00
5	64QAM	25	0	19.93	20.15	19.92	21.00
5	256QAM	1	0	18.22	18.27	17.96	19.00
5	256QAM	1	12	18.06	18.19	18.05	19.00
5	256QAM	1	24	17.73	17.88	17.85	19.00
5	256QAM	12	0	18.15	18.30	18.08	19.00
5	256QAM	12	7	18.02	18.23	17.97	19.00
5	256QAM	12	13	17.97	18.12	17.85	19.00
5	256QAM	25	0	17.99	18.07	17.84	19.00

【LTE Band 38_Ant 2_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				37850	38000	38150	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	23.15	23.21	23.09	24.00
20	QPSK	1	49	22.97	23.15	23.00	24.00
20	QPSK	1	99	22.87	23.00	22.78	24.00
20	QPSK	50	0	22.21	22.28	22.10	23.00
20	QPSK	50	24	22.11	22.18	21.97	23.00
20	QPSK	50	50	22.04	22.14	21.90	23.00
20	QPSK	100	0	22.08	22.19	21.93	23.00
20	16QAM	1	0	22.12	22.26	22.05	23.00
20	16QAM	1	49	22.02	22.14	21.91	23.00
20	16QAM	1	99	21.84	21.98	21.85	23.00
20	16QAM	50	0	21.11	21.28	21.07	22.00
20	16QAM	50	24	21.05	21.22	20.98	22.00
20	16QAM	50	50	21.07	21.15	20.94	22.00
20	16QAM	100	0	21.03	21.21	21.07	22.00
20	64QAM	1	0	21.16	21.33	21.08	22.00
20	64QAM	1	49	21.19	21.30	21.15	22.00

20	64QAM	1	99	20.88	21.03	20.86	22.00
20	64QAM	50	0	20.19	20.28	20.07	21.00
20	64QAM	50	24	20.16	20.23	19.98	21.00
20	64QAM	50	50	20.02	20.13	19.97	21.00
20	64QAM	100	0	20.03	20.21	20.04	21.00
20	256QAM	1	0	18.23	18.33	18.10	19.00
20	256QAM	1	49	18.13	18.23	18.09	19.00
20	256QAM	1	99	17.82	18.01	17.90	19.00
20	256QAM	50	0	18.17	18.33	18.20	19.00
20	256QAM	50	24	18.15	18.25	18.09	19.00
20	256QAM	50	50	18.06	18.19	17.95	19.00
20	256QAM	100	0	18.10	18.21	17.98	19.00
Channel				37825	38000	38175	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	QPSK	1	0	23.13	23.18	22.95	24.00
15	QPSK	1	37	22.91	23.07	22.90	24.00
15	QPSK	1	74	22.78	22.97	22.74	24.00
15	QPSK	36	0	22.11	22.21	21.99	23.00
15	QPSK	36	20	21.97	22.15	21.91	23.00
15	QPSK	36	39	21.90	22.04	21.85	23.00
15	QPSK	75	0	21.95	22.16	21.89	23.00
15	16QAM	1	0	22.05	22.14	21.92	23.00
15	16QAM	1	37	21.87	22.10	21.78	23.00
15	16QAM	1	74	21.71	21.88	21.78	23.00
15	16QAM	36	0	20.99	21.22	20.99	22.00
15	16QAM	36	20	20.96	21.11	20.90	22.00
15	16QAM	36	39	21.06	21.09	20.85	22.00
15	16QAM	75	0	20.96	21.18	20.98	22.00
15	64QAM	1	0	21.12	21.25	21.01	22.00
15	64QAM	1	37	21.13	21.26	21.10	22.00
15	64QAM	1	74	20.86	20.98	20.78	22.00
15	64QAM	36	0	20.18	20.19	19.92	21.00
15	64QAM	36	20	20.12	20.12	19.97	21.00
15	64QAM	36	39	19.90	20.02	19.82	21.00
15	64QAM	75	0	20.01	20.11	19.91	21.00
15	256QAM	1	0	18.10	18.19	18.07	19.00
15	256QAM	1	37	18.10	18.20	18.07	19.00
15	256QAM	1	74	17.70	17.91	17.79	19.00
15	256QAM	36	0	18.03	18.20	18.08	19.00
15	256QAM	36	20	18.08	18.23	17.95	19.00
15	256QAM	36	39	18.02	18.17	17.91	19.00
15	256QAM	75	0	17.97	18.11	17.84	19.00
Channel				37800	38000	38200	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	QPSK	1	0	23.10	23.09	23.07	24.00
10	QPSK	1	25	22.86	23.02	22.88	24.00
10	QPSK	1	49	22.77	22.85	22.75	24.00
10	QPSK	25	0	22.14	22.16	22.01	23.00
10	QPSK	25	12	22.07	22.08	21.93	23.00
10	QPSK	25	25	22.01	22.11	21.86	23.00
10	QPSK	50	0	21.98	22.05	21.90	23.00
10	16QAM	1	0	22.10	22.24	21.97	23.00
10	16QAM	1	25	22.00	22.05	21.90	23.00
10	16QAM	1	49	21.71	21.92	21.80	23.00
10	16QAM	25	0	21.01	21.24	20.97	22.00
10	16QAM	25	12	20.92	21.14	20.83	22.00
10	16QAM	25	25	21.01	21.12	20.79	22.00
10	16QAM	50	0	20.94	21.08	20.99	22.00
10	64QAM	1	0	21.11	21.26	21.06	22.00
10	64QAM	1	25	21.10	21.19	21.05	22.00
10	64QAM	1	49	20.80	20.92	20.83	22.00
10	64QAM	25	0	20.11	20.16	20.05	21.00
10	64QAM	25	12	20.05	20.14	19.91	21.00
10	64QAM	25	25	19.90	19.99	19.91	21.00
10	64QAM	50	0	19.95	20.16	20.02	21.00
10	256QAM	1	0	18.19	18.30	18.01	19.00
10	256QAM	1	25	18.09	18.08	17.96	19.00
10	256QAM	1	49	17.70	17.86	17.78	19.00
10	256QAM	25	0	18.09	18.27	18.18	19.00
10	256QAM	25	12	18.10	18.18	18.01	19.00
10	256QAM	25	25	17.96	18.14	17.88	19.00
10	256QAM	50	0	18.05	18.08	17.87	19.00
Channel				37775	38000	38225	Tune-up limit
Frequency (MHz)				2572.5	2595	2617.5	(dBm)
5	QPSK	1	0	23.08	23.20	22.99	24.00
5	QPSK	1	12	22.90	23.03	22.88	24.00
5	QPSK	1	24	22.82	22.98	22.64	24.00
5	QPSK	12	0	22.15	22.25	21.99	23.00

5	QPSK	12	7	22.05	22.10	21.94	23.00
5	QPSK	12	13	21.96	22.07	21.86	23.00
5	QPSK	25	0	22.05	22.10	21.86	23.00
5	16QAM	1	0	21.98	22.12	22.01	23.00
5	16QAM	1	12	21.99	22.06	21.86	23.00
5	16QAM	1	24	21.80	21.96	21.79	23.00
5	16QAM	12	0	21.07	21.14	20.94	22.00
5	16QAM	12	7	21.00	21.18	20.92	22.00
5	16QAM	12	13	20.97	21.07	20.91	22.00
5	16QAM	25	0	20.93	21.19	20.99	22.00
5	64QAM	1	0	21.10	21.27	21.07	22.00
5	64QAM	1	12	21.16	21.17	21.03	22.00
5	64QAM	1	24	20.83	20.95	20.76	22.00
5	64QAM	12	0	20.08	20.17	19.93	21.00
5	64QAM	12	7	20.05	20.17	19.90	21.00
5	64QAM	12	13	19.91	20.08	19.92	21.00
5	64QAM	25	0	19.93	20.15	19.92	21.00
5	256QAM	1	0	18.22	18.27	17.96	19.00
5	256QAM	1	12	18.06	18.19	18.05	19.00
5	256QAM	1	24	17.73	17.88	17.85	19.00
5	256QAM	12	0	18.15	18.30	18.08	19.00
5	256QAM	12	7	18.02	18.23	17.97	19.00
5	256QAM	12	13	17.97	18.12	17.85	19.00
5	256QAM	25	0	17.99	18.07	17.84	19.00

【LTE Band 38_Ant 2_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	21.98	22.01	22.01	23.00
20	QPSK	1	49	21.88	22.00	21.88	23.00
20	QPSK	1	99	21.96	21.99	21.99	23.00
20	QPSK	50	0	21.88	21.91	21.90	23.00
20	QPSK	50	24	21.80	21.79	21.87	23.00
20	QPSK	50	50	21.85	21.83	21.85	23.00
20	QPSK	100	0	21.83	21.90	21.88	23.00
20	16QAM	1	0	21.91	21.97	21.93	23.00
20	16QAM	1	49	21.83	21.95	21.91	23.00
20	16QAM	1	99	21.88	21.89	21.93	23.00
20	16QAM	50	0	20.86	20.99	21.06	22.00
20	16QAM	50	24	21.06	20.99	21.11	22.00
20	16QAM	50	50	20.96	20.94	20.90	22.00
20	16QAM	100	0	21.00	20.95	20.98	22.00
20	64QAM	1	0	21.04	20.97	20.98	22.00
20	64QAM	1	49	21.02	21.01	20.90	22.00
20	64QAM	1	99	20.95	21.02	20.98	22.00
20	64QAM	50	0	19.91	19.90	19.92	21.00
20	64QAM	50	24	20.02	19.92	19.99	21.00
20	64QAM	50	50	19.88	19.93	20.11	21.00
20	64QAM	100	0	19.89	20.07	19.90	21.00
20	256QAM	1	0	18.10	18.04	17.90	19.00
20	256QAM	1	49	17.91	17.94	17.92	19.00
20	256QAM	1	99	18.01	18.06	18.04	19.00
20	256QAM	50	0	17.92	17.94	18.03	19.00
20	256QAM	50	24	17.95	18.01	17.91	19.00
20	256QAM	50	50	18.07	18.05	18.00	19.00
20	256QAM	100	0	17.91	17.91	18.09	19.00
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	21.89	21.92	21.98	23.00
15	QPSK	1	37	21.86	21.98	21.86	23.00
15	QPSK	1	74	21.85	21.95	21.96	23.00
15	QPSK	36	0	21.79	21.82	21.84	23.00
15	QPSK	36	20	21.74	21.68	21.72	23.00
15	QPSK	36	39	21.83	21.73	21.81	23.00
15	QPSK	75	0	21.69	21.82	21.83	23.00
15	16QAM	1	0	21.89	21.86	21.79	23.00
15	16QAM	1	37	21.69	21.85	21.76	23.00
15	16QAM	1	74	21.75	21.86	21.83	23.00
15	16QAM	36	0	20.71	20.84	20.94	22.00
15	16QAM	36	20	20.91	20.93	21.04	22.00

15	16QAM	36	39	20.90	20.83	20.80	22.00
15	16QAM	75	0	20.88	20.88	20.93	22.00
15	64QAM	1	0	20.96	20.83	20.85	22.00
15	64QAM	1	37	20.95	20.88	20.80	22.00
15	64QAM	1	74	20.86	20.90	20.91	22.00
15	64QAM	36	0	19.86	19.78	19.88	21.00
15	64QAM	36	20	19.89	19.79	19.94	21.00
15	64QAM	36	39	19.77	19.83	20.01	21.00
15	64QAM	75	0	19.80	19.98	19.79	21.00
15	256QAM	1	0	17.99	18.00	17.86	19.00
15	256QAM	1	37	17.81	17.83	17.83	19.00
15	256QAM	1	74	17.90	18.01	17.89	19.00
15	256QAM	36	0	17.84	17.92	17.96	19.00
15	256QAM	36	20	17.86	17.94	17.82	19.00
15	256QAM	36	39	18.01	17.93	17.85	19.00
15	256QAM	75	0	17.79	17.79	17.98	19.00
Channel				37800	38000	38200	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	QPSK	1	0	21.97	21.92	21.96	23.00
10	QPSK	1	25	21.86	21.86	21.77	23.00
10	QPSK	1	49	21.93	21.85	21.87	23.00
10	QPSK	25	0	21.75	21.83	21.80	23.00
10	QPSK	25	12	21.76	21.72	21.78	23.00
10	QPSK	25	25	21.81	21.76	21.81	23.00
10	QPSK	50	0	21.76	21.82	21.81	23.00
10	16QAM	1	0	21.84	21.84	21.85	23.00
10	16QAM	1	25	21.70	21.88	21.79	23.00
10	16QAM	1	49	21.81	21.85	21.90	23.00
10	16QAM	25	0	20.79	20.86	20.98	22.00
10	16QAM	25	12	21.02	20.92	20.98	22.00
10	16QAM	25	25	20.90	20.89	20.80	22.00
10	16QAM	50	0	20.89	20.91	20.86	22.00
10	64QAM	1	0	20.91	20.85	20.86	22.00
10	64QAM	1	25	20.92	20.87	20.81	22.00
10	64QAM	1	49	20.93	21.00	20.90	22.00
10	64QAM	25	0	19.82	19.75	19.90	21.00
10	64QAM	25	12	19.96	19.88	19.86	21.00
10	64QAM	25	25	19.76	19.83	20.03	21.00
10	64QAM	50	0	19.76	20.05	19.87	21.00
10	256QAM	1	0	18.02	17.99	17.89	19.00
10	256QAM	1	25	17.88	17.82	17.82	19.00
10	256QAM	1	49	18.00	18.02	17.97	19.00
10	256QAM	25	0	17.81	17.87	18.00	19.00
10	256QAM	25	12	17.89	17.90	17.79	19.00
10	256QAM	25	25	17.96	17.99	17.93	19.00
10	256QAM	50	0	17.88	17.86	18.07	19.00
Channel				37775	38000	38225	Tune-up limit
Frequency (MHz)				2572.5	2595	2617.5	(dBm)
5	QPSK	1	0	21.93	21.93	21.97	23.00
5	QPSK	1	12	21.74	21.97	21.75	23.00
5	QPSK	1	24	21.85	21.86	21.94	23.00
5	QPSK	12	0	21.82	21.82	21.85	23.00
5	QPSK	12	7	21.73	21.66	21.83	23.00
5	QPSK	12	13	21.77	21.77	21.80	23.00
5	QPSK	25	0	21.72	21.84	21.78	23.00
5	16QAM	1	0	21.79	21.89	21.81	23.00
5	16QAM	1	12	21.81	21.93	21.80	23.00
5	16QAM	1	24	21.78	21.76	21.92	23.00
5	16QAM	12	0	20.75	20.98	21.03	22.00
5	16QAM	12	7	20.96	20.93	21.05	22.00
5	16QAM	12	13	20.87	20.88	20.76	22.00
5	16QAM	25	0	20.93	20.88	20.85	22.00
5	64QAM	1	0	21.03	20.90	20.94	22.00
5	64QAM	1	12	20.91	20.95	20.87	22.00
5	64QAM	1	24	20.86	20.96	20.87	22.00
5	64QAM	12	0	19.84	19.75	19.89	21.00
5	64QAM	12	7	19.97	19.77	19.88	21.00
5	64QAM	12	13	19.85	19.85	20.08	21.00
5	64QAM	25	0	19.77	19.96	19.85	21.00
5	256QAM	1	0	17.96	17.93	17.80	19.00
5	256QAM	1	12	17.87	17.83	17.88	19.00
5	256QAM	1	24	17.86	18.02	17.99	19.00
5	256QAM	12	0	17.80	17.79	18.02	19.00
5	256QAM	12	7	17.82	17.88	17.76	19.00
5	256QAM	12	13	17.97	17.98	17.97	19.00
5	256QAM	25	0	17.83	17.83	17.98	19.00

【LTE Band 38_Ant 2_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	22.55	22.57	22.46	23.80
20	QPSK	1	49	22.48	22.47	22.38	23.80
20	QPSK	1	99	22.54	22.46	22.25	23.80
20	QPSK	50	0	22.06	22.19	21.94	23.00
20	QPSK	50	24	22.02	22.15	21.93	23.00
20	QPSK	50	50	22.02	22.13	21.94	23.00
20	QPSK	100	0	22.02	22.09	21.96	23.00
20	16QAM	1	0	22.08	22.16	21.96	23.00
20	16QAM	1	49	21.96	22.08	21.94	23.00
20	16QAM	1	99	21.97	22.02	21.85	23.00
20	16QAM	50	0	21.07	21.15	20.99	22.00
20	16QAM	50	24	21.01	21.12	20.88	22.00
20	16QAM	50	50	20.99	21.13	20.92	22.00
20	16QAM	100	0	21.00	21.11	20.98	22.00
20	64QAM	1	0	21.12	21.18	21.01	22.00
20	64QAM	1	49	21.08	21.20	21.05	22.00
20	64QAM	1	99	20.91	21.02	20.78	22.00
20	64QAM	50	0	20.15	20.25	20.05	21.00
20	64QAM	50	24	20.17	20.20	20.07	21.00
20	64QAM	50	50	20.01	20.15	19.96	21.00
20	64QAM	100	0	20.10	20.16	19.96	21.00
20	256QAM	1	0	18.19	18.30	18.10	19.00
20	256QAM	1	49	18.12	18.21	18.00	19.00
20	256QAM	1	99	17.91	18.05	17.91	19.00
20	256QAM	50	0	18.08	18.21	18.06	19.00
20	256QAM	50	24	17.99	18.15	17.95	19.00
20	256QAM	50	50	17.94	18.09	17.91	19.00
20	256QAM	100	0	17.92	18.05	17.88	19.00
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	22.40	22.53	22.40	23.80
15	QPSK	1	37	22.37	22.38	22.23	23.80
15	QPSK	1	74	22.40	22.32	22.16	23.80
15	QPSK	36	0	21.98	22.17	21.80	23.00
15	QPSK	36	20	21.90	22.08	21.85	23.00
15	QPSK	36	39	22.00	22.04	21.81	23.00
15	QPSK	75	0	21.99	22.03	21.89	23.00
15	16QAM	1	0	21.97	22.08	21.82	23.00
15	16QAM	1	37	21.88	21.99	21.84	23.00
15	16QAM	1	74	21.88	21.90	21.80	23.00
15	16QAM	36	0	20.97	21.07	20.95	22.00
15	16QAM	36	20	20.87	21.04	20.86	22.00
15	16QAM	36	39	20.93	21.10	20.78	22.00
15	16QAM	75	0	20.94	20.98	20.95	22.00
15	64QAM	1	0	21.07	21.13	20.93	22.00
15	64QAM	1	37	20.93	21.17	20.93	22.00
15	64QAM	1	74	20.82	20.97	20.75	22.00
15	64QAM	36	0	20.09	20.21	19.97	21.00
15	64QAM	36	20	20.05	20.08	20.06	21.00
15	64QAM	36	39	19.86	20.07	19.86	21.00
15	64QAM	75	0	20.05	20.13	19.93	21.00
15	256QAM	1	0	18.04	18.21	18.01	19.00
15	256QAM	1	37	18.08	18.10	17.90	19.00
15	256QAM	1	74	17.87	18.00	17.90	19.00
15	256QAM	36	0	18.06	18.18	17.98	19.00
15	256QAM	36	20	17.94	18.13	17.87	19.00
15	256QAM	36	39	17.92	18.01	17.87	19.00
15	256QAM	75	0	17.85	17.99	17.74	19.00
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	22.42	22.54	22.43	23.80
10	QPSK	1	25	22.33	22.37	22.29	23.80
10	QPSK	1	49	22.45	22.37	22.14	23.80
10	QPSK	25	0	21.96	22.16	21.83	23.00
10	QPSK	25	12	21.94	22.04	21.86	23.00
10	QPSK	25	25	21.94	22.11	21.84	23.00
10	QPSK	50	0	21.96	22.02	21.91	23.00
10	16QAM	1	0	22.05	22.06	21.82	23.00

10	16QAM	1	25	21.88	21.95	21.91	23.00
10	16QAM	1	49	21.94	21.92	21.76	23.00
10	16QAM	25	0	21.03	21.07	20.87	22.00
10	16QAM	25	12	21.00	21.07	20.77	22.00
10	16QAM	25	25	20.85	21.05	20.82	22.00
10	16QAM	50	0	20.95	21.02	20.95	22.00
10	64QAM	1	0	21.06	21.17	20.87	22.00
10	64QAM	1	25	20.97	21.05	20.90	22.00
10	64QAM	1	49	20.80	20.97	20.75	22.00
10	64QAM	25	0	20.09	20.10	19.92	21.00
10	64QAM	25	12	20.12	20.14	20.04	21.00
10	64QAM	25	25	19.93	20.00	19.86	21.00
10	64QAM	50	0	20.07	20.01	19.95	21.00
10	256QAM	1	0	18.09	18.15	17.99	19.00
10	256QAM	1	25	18.08	18.17	17.98	19.00
10	256QAM	1	49	17.83	17.98	17.89	19.00
10	256QAM	25	0	18.06	18.07	18.03	19.00
10	256QAM	25	12	17.90	18.04	17.91	19.00
10	256QAM	25	25	17.84	17.95	17.77	19.00
10	256QAM	50	0	17.89	17.92	17.75	19.00
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	22.41	22.53	22.40	23.80
5	QPSK	1	12	22.46	22.45	22.24	23.80
5	QPSK	1	24	22.50	22.38	22.18	23.80
5	QPSK	12	0	21.93	22.17	21.84	23.00
5	QPSK	12	7	21.96	22.05	21.91	23.00
5	QPSK	12	13	21.88	22.08	21.84	23.00
5	QPSK	25	0	21.94	21.99	21.85	23.00
5	16QAM	1	0	22.03	22.09	21.89	23.00
5	16QAM	1	12	21.92	21.95	21.90	23.00
5	16QAM	1	24	21.85	22.00	21.77	23.00
5	16QAM	12	0	21.05	21.03	20.85	22.00
5	16QAM	12	7	20.90	21.08	20.77	22.00
5	16QAM	12	13	20.94	21.09	20.88	22.00
5	16QAM	25	0	20.94	21.01	20.91	22.00
5	64QAM	1	0	21.09	21.15	20.95	22.00
5	64QAM	1	12	21.01	21.07	20.99	22.00
5	64QAM	1	24	20.86	20.97	20.73	22.00
5	64QAM	12	0	20.01	20.14	20.03	21.00
5	64QAM	12	7	20.05	20.12	19.97	21.00
5	64QAM	12	13	19.94	20.02	19.81	21.00
5	64QAM	25	0	19.98	20.13	19.81	21.00
5	256QAM	1	0	18.09	18.24	18.08	19.00
5	256QAM	1	12	18.08	18.07	17.91	19.00
5	256QAM	1	24	17.84	18.03	17.78	19.00
5	256QAM	12	0	17.95	18.06	18.03	19.00
5	256QAM	12	7	17.88	18.04	17.92	19.00
5	256QAM	12	13	17.91	17.97	17.80	19.00
5	256QAM	25	0	17.84	17.96	17.78	19.00

【LTE Band 38_Ant 9_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	22.64	22.84	22.78	24.00
20	QPSK	1	49	22.54	22.80	22.69	24.00
20	QPSK	1	99	22.29	22.51	22.42	24.00
20	QPSK	50	0	21.68	21.86	21.66	23.00
20	QPSK	50	24	21.61	21.77	21.56	23.00
20	QPSK	50	50	21.41	21.71	21.53	23.00
20	QPSK	100	0	21.43	21.78	21.64	23.00
20	16QAM	1	0	21.49	21.79	21.56	23.00
20	16QAM	1	49	21.56	21.82	21.68	23.00
20	16QAM	1	99	21.53	21.81	21.62	23.00
20	16QAM	50	0	20.70	20.93	20.74	22.00
20	16QAM	50	24	20.58	20.81	20.61	22.00
20	16QAM	50	50	20.44	20.72	20.53	22.00
20	16QAM	100	0	20.45	20.80	20.69	22.00
20	64QAM	1	0	20.60	20.93	20.74	22.00
20	64QAM	1	49	20.52	20.78	20.72	22.00

20	64QAM	1	99	20.49	20.73	20.66	22.00
20	64QAM	50	0	19.62	19.93	19.66	21.00
20	64QAM	50	24	19.59	19.80	19.65	21.00
20	64QAM	50	50	19.56	19.77	19.62	21.00
20	64QAM	100	0	19.56	19.82	19.74	21.00
20	256QAM	1	0	17.60	17.92	17.91	19.00
20	256QAM	1	49	17.56	17.83	17.68	19.00
20	256QAM	1	99	17.33	17.67	17.55	19.00
20	256QAM	50	0	17.64	17.95	17.78	19.00
20	256QAM	50	24	17.59	17.84	17.69	19.00
20	256QAM	50	50	17.50	17.71	17.64	19.00
20	256QAM	100	0	17.48	17.79	17.59	19.00
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	22.51	22.75	22.74	24.00
15	QPSK	1	37	22.48	22.66	22.66	24.00
15	QPSK	1	74	22.22	22.47	22.32	24.00
15	QPSK	36	0	21.60	21.79	21.52	23.00
15	QPSK	36	20	21.47	21.67	21.43	23.00
15	QPSK	36	39	21.33	21.62	21.42	23.00
15	QPSK	75	0	21.35	21.69	21.61	23.00
15	16QAM	1	0	21.46	21.77	21.50	23.00
15	16QAM	1	37	21.46	21.68	21.62	23.00
15	16QAM	1	74	21.49	21.66	21.59	23.00
15	16QAM	36	0	20.61	20.91	20.61	22.00
15	16QAM	36	20	20.51	20.77	20.55	22.00
15	16QAM	36	39	20.38	20.66	20.44	22.00
15	16QAM	75	0	20.42	20.75	20.58	22.00
15	64QAM	1	0	20.47	20.91	20.61	22.00
15	64QAM	1	37	20.37	20.72	20.60	22.00
15	64QAM	1	74	20.44	20.69	20.58	22.00
15	64QAM	36	0	19.61	19.81	19.54	21.00
15	64QAM	36	20	19.47	19.77	19.54	21.00
15	64QAM	36	39	19.47	19.67	19.52	21.00
15	64QAM	75	0	19.47	19.76	19.60	21.00
15	256QAM	1	0	17.48	17.85	17.77	19.00
15	256QAM	1	37	17.41	17.82	17.57	19.00
15	256QAM	1	74	17.32	17.54	17.54	19.00
15	256QAM	36	0	17.60	17.90	17.67	19.00
15	256QAM	36	20	17.54	17.70	17.55	19.00
15	256QAM	36	39	17.36	17.65	17.50	19.00
15	256QAM	75	0	17.37	17.66	17.58	19.00
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	22.62	22.73	22.72	24.00
10	QPSK	1	25	22.42	22.74	22.67	24.00
10	QPSK	1	49	22.17	22.46	22.38	24.00
10	QPSK	25	0	21.62	21.73	21.53	23.00
10	QPSK	25	12	21.49	21.75	21.52	23.00
10	QPSK	25	25	21.39	21.62	21.42	23.00
10	QPSK	50	0	21.33	21.77	21.52	23.00
10	16QAM	1	0	21.37	21.67	21.45	23.00
10	16QAM	1	25	21.50	21.76	21.55	23.00
10	16QAM	1	49	21.38	21.77	21.54	23.00
10	16QAM	25	0	20.61	20.91	20.65	22.00
10	16QAM	25	12	20.44	20.70	20.54	22.00
10	16QAM	25	25	20.31	20.64	20.45	22.00
10	16QAM	50	0	20.43	20.67	20.61	22.00
10	64QAM	1	0	20.52	20.86	20.69	22.00
10	64QAM	1	25	20.49	20.68	20.67	22.00
10	64QAM	1	49	20.36	20.70	20.61	22.00
10	64QAM	25	0	19.58	19.88	19.60	21.00
10	64QAM	25	12	19.44	19.73	19.59	21.00
10	64QAM	25	25	19.42	19.72	19.59	21.00
10	64QAM	50	0	19.46	19.73	19.64	21.00
10	256QAM	1	0	17.54	17.83	17.87	19.00
10	256QAM	1	25	17.48	17.74	17.56	19.00
10	256QAM	1	49	17.29	17.63	17.48	19.00
10	256QAM	25	0	17.58	17.91	17.71	19.00
10	256QAM	25	12	17.50	17.79	17.68	19.00
10	256QAM	25	25	17.46	17.64	17.60	19.00
10	256QAM	50	0	17.43	17.66	17.51	19.00
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	22.52	22.77	22.64	24.00
5	QPSK	1	12	22.53	22.69	22.54	24.00
5	QPSK	1	24	22.22	22.44	22.32	24.00
5	QPSK	12	0	21.54	21.75	21.51	23.00

5	QPSK	12	7	21.58	21.73	21.43	23.00
5	QPSK	12	13	21.29	21.58	21.51	23.00
5	QPSK	25	0	21.36	21.71	21.52	23.00
5	16QAM	1	0	21.34	21.71	21.47	23.00
5	16QAM	1	12	21.45	21.68	21.59	23.00
5	16QAM	1	24	21.46	21.68	21.50	23.00
5	16QAM	12	0	20.62	20.91	20.71	22.00
5	16QAM	12	7	20.52	20.72	20.46	22.00
5	16QAM	12	13	20.41	20.68	20.49	22.00
5	16QAM	25	0	20.38	20.74	20.57	22.00
5	64QAM	1	0	20.50	20.82	20.61	22.00
5	64QAM	1	12	20.40	20.71	20.69	22.00
5	64QAM	1	24	20.39	20.71	20.60	22.00
5	64QAM	12	0	19.49	19.82	19.54	21.00
5	64QAM	12	7	19.47	19.66	19.53	21.00
5	64QAM	12	13	19.46	19.71	19.60	21.00
5	64QAM	25	0	19.44	19.81	19.69	21.00
5	256QAM	1	0	17.58	17.88	17.84	19.00
5	256QAM	1	12	17.52	17.69	17.63	19.00
5	256QAM	1	24	17.24	17.64	17.45	19.00
5	256QAM	12	0	17.62	17.88	17.64	19.00
5	256QAM	12	7	17.46	17.73	17.56	19.00
5	256QAM	12	13	17.43	17.66	17.53	19.00
5	256QAM	25	0	17.39	17.72	17.54	19.00

【LTE Band 38_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				37850	38000	38150	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	22.45	22.50	22.44	23.40
20	QPSK	1	49	22.28	22.29	22.28	23.40
20	QPSK	1	99	22.41	22.37	22.43	23.40
20	QPSK	50	0	21.61	21.81	21.65	23.00
20	QPSK	50	24	21.60	21.76	21.53	23.00
20	QPSK	50	50	21.43	21.65	21.52	23.00
20	QPSK	100	0	21.40	21.74	21.60	23.00
20	16QAM	1	0	21.42	21.71	21.55	23.00
20	16QAM	1	49	21.50	21.80	21.60	23.00
20	16QAM	1	99	21.49	21.74	21.60	23.00
20	16QAM	50	0	20.76	20.89	20.81	22.00
20	16QAM	50	24	20.67	20.77	20.62	22.00
20	16QAM	50	50	20.57	20.71	20.53	22.00
20	16QAM	100	0	20.56	20.75	20.63	22.00
20	64QAM	1	0	20.80	20.88	20.80	22.00
20	64QAM	1	49	20.62	20.76	20.66	22.00
20	64QAM	1	99	20.52	20.71	20.60	22.00
20	64QAM	50	0	19.86	19.98	19.89	21.00
20	64QAM	50	24	19.69	19.80	19.64	21.00
20	64QAM	50	50	19.66	19.79	19.64	21.00
20	64QAM	100	0	19.59	19.75	19.66	21.00
20	256QAM	1	0	17.79	17.88	17.80	19.00
20	256QAM	1	49	17.69	17.76	17.65	19.00
20	256QAM	1	99	17.50	17.63	17.51	19.00
20	256QAM	50	0	17.76	17.85	17.70	19.00
20	256QAM	50	24	17.72	17.83	17.68	19.00
20	256QAM	50	50	17.59	17.68	17.61	19.00
20	256QAM	100	0	17.68	17.75	17.63	19.00
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	22.42	22.45	22.29	23.40
15	QPSK	1	37	22.17	22.19	22.22	23.40
15	QPSK	1	74	22.35	22.22	22.42	23.40
15	QPSK	36	0	21.58	21.75	21.51	23.00
15	QPSK	36	20	21.50	21.63	21.45	23.00
15	QPSK	36	39	21.41	21.55	21.49	23.00
15	QPSK	75	0	21.28	21.59	21.59	23.00
15	16QAM	1	0	21.37	21.63	21.45	23.00
15	16QAM	1	37	21.48	21.72	21.49	23.00
15	16QAM	1	74	21.37	21.72	21.55	23.00
15	16QAM	36	0	20.73	20.74	20.71	22.00
15	16QAM	36	20	20.60	20.71	20.54	22.00

15	16QAM	36	39	20.45	20.64	20.45	22.00
15	16QAM	75	0	20.41	20.65	20.61	22.00
15	64QAM	1	0	20.79	20.73	20.71	22.00
15	64QAM	1	37	20.60	20.64	20.55	22.00
15	64QAM	1	74	20.43	20.61	20.49	22.00
15	64QAM	36	0	19.82	19.95	19.81	21.00
15	64QAM	36	20	19.59	19.70	19.55	21.00
15	64QAM	36	39	19.58	19.72	19.59	21.00
15	64QAM	75	0	19.45	19.66	19.60	21.00
15	256QAM	1	0	17.68	17.82	17.73	19.00
15	256QAM	1	37	17.68	17.65	17.54	19.00
15	256QAM	1	74	17.42	17.54	17.43	19.00
15	256QAM	36	0	17.72	17.79	17.66	19.00
15	256QAM	36	20	17.59	17.79	17.63	19.00
15	256QAM	36	39	17.52	17.63	17.50	19.00
15	256QAM	75	0	17.53	17.72	17.62	19.00
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	22.39	22.36	22.29	23.40
10	QPSK	1	25	22.20	22.16	22.17	23.40
10	QPSK	1	49	22.35	22.25	22.35	23.40
10	QPSK	25	0	21.46	21.71	21.55	23.00
10	QPSK	25	12	21.58	21.72	21.40	23.00
10	QPSK	25	25	21.41	21.56	21.42	23.00
10	QPSK	50	0	21.33	21.63	21.50	23.00
10	16QAM	1	0	21.36	21.65	21.53	23.00
10	16QAM	1	25	21.41	21.77	21.52	23.00
10	16QAM	1	49	21.38	21.60	21.52	23.00
10	16QAM	25	0	20.63	20.81	20.70	22.00
10	16QAM	25	12	20.60	20.69	20.55	22.00
10	16QAM	25	25	20.42	20.60	20.44	22.00
10	16QAM	50	0	20.50	20.70	20.51	22.00
10	64QAM	1	0	20.67	20.82	20.78	22.00
10	64QAM	1	25	20.60	20.63	20.59	22.00
10	64QAM	1	49	20.38	20.65	20.55	22.00
10	64QAM	25	0	19.72	19.88	19.83	21.00
10	64QAM	25	12	19.55	19.66	19.59	21.00
10	64QAM	25	25	19.64	19.73	19.62	21.00
10	64QAM	50	0	19.56	19.69	19.55	21.00
10	256QAM	1	0	17.64	17.81	17.75	19.00
10	256QAM	1	25	17.60	17.68	17.57	19.00
10	256QAM	1	49	17.41	17.53	17.49	19.00
10	256QAM	25	0	17.66	17.79	17.56	19.00
10	256QAM	25	12	17.63	17.80	17.57	19.00
10	256QAM	25	25	17.54	17.55	17.60	19.00
10	256QAM	50	0	17.57	17.62	17.56	19.00
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	22.33	22.43	22.31	23.40
5	QPSK	1	12	22.22	22.25	22.20	23.40
5	QPSK	1	24	22.36	22.22	22.33	23.40
5	QPSK	12	0	21.56	21.68	21.56	23.00
5	QPSK	12	7	21.58	21.72	21.50	23.00
5	QPSK	12	13	21.35	21.62	21.39	23.00
5	QPSK	25	0	21.28	21.67	21.55	23.00
5	16QAM	1	0	21.32	21.67	21.44	23.00
5	16QAM	1	12	21.40	21.79	21.52	23.00
5	16QAM	1	24	21.39	21.69	21.46	23.00
5	16QAM	12	0	20.69	20.86	20.66	22.00
5	16QAM	12	7	20.62	20.75	20.55	22.00
5	16QAM	12	13	20.51	20.68	20.51	22.00
5	16QAM	25	0	20.43	20.68	20.49	22.00
5	64QAM	1	0	20.65	20.81	20.66	22.00
5	64QAM	1	12	20.61	20.64	20.63	22.00
5	64QAM	1	24	20.50	20.63	20.53	22.00
5	64QAM	12	0	19.84	19.97	19.78	21.00
5	64QAM	12	7	19.61	19.68	19.58	21.00
5	64QAM	12	13	19.61	19.77	19.54	21.00
5	64QAM	25	0	19.47	19.69	19.58	21.00
5	256QAM	1	0	17.73	17.77	17.75	19.00
5	256QAM	1	12	17.54	17.66	17.55	19.00
5	256QAM	1	24	17.44	17.55	17.48	19.00
5	256QAM	12	0	17.62	17.81	17.69	19.00
5	256QAM	12	7	17.65	17.77	17.59	19.00
5	256QAM	12	13	17.48	17.58	17.56	19.00
5	256QAM	25	0	17.65	17.69	17.50	19.00

【LTE Band 38_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				37850	38000	38150	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	19.97	20.02	19.94	21.20
20	QPSK	1	49	19.90	19.88	19.77	21.20
20	QPSK	1	99	19.98	19.89	19.75	21.20
20	QPSK	50	0	19.98	19.99	19.90	21.20
20	QPSK	50	24	19.94	19.89	19.81	21.20
20	QPSK	50	50	19.89	19.83	19.93	21.20
20	QPSK	100	0	19.81	19.91	19.75	21.20
20	16QAM	1	0	19.82	19.89	19.80	21.20
20	16QAM	1	49	19.73	19.82	19.68	21.20
20	16QAM	1	99	19.75	19.84	19.73	21.20
20	16QAM	50	0	19.63	19.81	19.59	21.20
20	16QAM	50	24	19.72	19.83	19.62	21.20
20	16QAM	50	50	19.71	19.81	19.71	21.20
20	16QAM	100	0	19.71	19.82	19.60	21.20
20	64QAM	1	0	19.78	19.85	19.69	21.20
20	64QAM	1	49	19.73	19.88	19.68	21.20
20	64QAM	1	99	19.73	19.86	19.73	21.20
20	64QAM	50	0	19.62	19.74	19.51	21.00
20	64QAM	50	24	19.61	19.74	19.60	21.00
20	64QAM	50	50	19.73	19.79	19.60	21.00
20	64QAM	100	0	19.62	19.80	19.66	21.00
20	256QAM	1	0	17.77	17.85	17.74	19.00
20	256QAM	1	49	17.77	17.86	17.77	19.00
20	256QAM	1	99	17.55	17.63	17.50	19.00
20	256QAM	50	0	17.71	17.86	17.75	19.00
20	256QAM	50	24	17.63	17.82	17.67	19.00
20	256QAM	50	50	17.70	17.76	17.65	19.00
20	256QAM	100	0	17.62	17.71	17.56	19.00
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	19.86	20.01	19.84	21.20
15	QPSK	1	37	19.76	19.78	19.68	21.20
15	QPSK	1	74	19.86	19.85	19.61	21.20
15	QPSK	36	0	19.94	19.90	19.85	21.20
15	QPSK	36	20	19.80	19.83	19.78	21.20
15	QPSK	36	39	19.84	19.80	19.90	21.20
15	QPSK	75	0	19.75	19.79	19.71	21.20
15	16QAM	1	0	19.77	19.85	19.67	21.20
15	16QAM	1	37	19.61	19.72	19.59	21.20
15	16QAM	1	74	19.72	19.81	19.62	21.20
15	16QAM	36	0	19.54	19.66	19.52	21.20
15	16QAM	36	20	19.67	19.79	19.48	21.20
15	16QAM	36	39	19.58	19.74	19.66	21.20
15	16QAM	75	0	19.69	19.73	19.53	21.20
15	64QAM	1	0	19.64	19.74	19.67	21.20
15	64QAM	1	37	19.64	19.83	19.57	21.20
15	64QAM	1	74	19.61	19.85	19.68	21.20
15	64QAM	36	0	19.59	19.62	19.43	21.00
15	64QAM	36	20	19.59	19.61	19.47	21.00
15	64QAM	36	39	19.69	19.68	19.56	21.00
15	64QAM	75	0	19.51	19.65	19.55	21.00
15	256QAM	1	0	17.64	17.79	17.60	19.00
15	256QAM	1	37	17.73	17.77	17.70	19.00
15	256QAM	1	74	17.53	17.60	17.43	19.00
15	256QAM	36	0	17.62	17.73	17.61	19.00
15	256QAM	36	20	17.60	17.69	17.55	19.00
15	256QAM	36	39	17.59	17.68	17.51	19.00
15	256QAM	75	0	17.60	17.58	17.44	19.00
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	19.91	19.99	19.80	21.20
10	QPSK	1	25	19.77	19.82	19.64	21.20
10	QPSK	1	49	19.94	19.86	19.65	21.20
10	QPSK	25	0	19.95	19.95	19.76	21.20
10	QPSK	25	12	19.86	19.80	19.74	21.20
10	QPSK	25	25	19.87	19.76	19.86	21.20
10	QPSK	50	0	19.67	19.77	19.62	21.20
10	16QAM	1	0	19.78	19.76	19.76	21.20

10	16QAM	1	25	19.59	19.78	19.56	21.20
10	16QAM	1	49	19.64	19.75	19.65	21.20
10	16QAM	25	0	19.58	19.70	19.45	21.20
10	16QAM	25	12	19.68	19.77	19.58	21.20
10	16QAM	25	25	19.56	19.71	19.68	21.20
10	16QAM	50	0	19.65	19.76	19.48	21.20
10	64QAM	1	0	19.74	19.79	19.65	21.20
10	64QAM	1	25	19.64	19.73	19.57	21.20
10	64QAM	1	49	19.66	19.73	19.65	21.20
10	64QAM	25	0	19.57	19.62	19.41	21.00
10	64QAM	25	12	19.55	19.63	19.56	21.00
10	64QAM	25	25	19.59	19.70	19.50	21.00
10	64QAM	50	0	19.56	19.78	19.54	21.00
10	256QAM	1	0	17.62	17.73	17.70	19.00
10	256QAM	1	25	17.75	17.72	17.73	19.00
10	256QAM	1	49	17.41	17.61	17.43	19.00
10	256QAM	25	0	17.61	17.84	17.73	19.00
10	256QAM	25	12	17.62	17.78	17.59	19.00
10	256QAM	25	25	17.56	17.67	17.57	19.00
10	256QAM	50	0	17.56	17.58	17.47	19.00
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	19.87	19.97	19.93	21.20
5	QPSK	1	12	19.78	19.82	19.75	21.20
5	QPSK	1	24	19.90	19.86	19.70	21.20
5	QPSK	12	0	19.85	19.90	19.83	21.20
5	QPSK	12	7	19.87	19.76	19.72	21.20
5	QPSK	12	13	19.78	19.72	19.84	21.20
5	QPSK	25	0	19.68	19.88	19.72	21.20
5	16QAM	1	0	19.73	19.81	19.70	21.20
5	16QAM	1	12	19.69	19.73	19.67	21.20
5	16QAM	1	24	19.72	19.74	19.67	21.20
5	16QAM	12	0	19.49	19.76	19.50	21.20
5	16QAM	12	7	19.69	19.78	19.50	21.20
5	16QAM	12	13	19.66	19.66	19.68	21.20
5	16QAM	25	0	19.63	19.69	19.46	21.20
5	64QAM	1	0	19.73	19.81	19.55	21.20
5	64QAM	1	12	19.63	19.74	19.61	21.20
5	64QAM	1	24	19.63	19.72	19.71	21.20
5	64QAM	12	0	19.48	19.63	19.43	21.00
5	64QAM	12	7	19.50	19.72	19.52	21.00
5	64QAM	12	13	19.67	19.67	19.48	21.00
5	64QAM	25	0	19.52	19.73	19.64	21.00
5	256QAM	1	0	17.75	17.82	17.65	19.00
5	256QAM	1	12	17.70	17.75	17.69	19.00
5	256QAM	1	24	17.42	17.56	17.43	19.00
5	256QAM	12	0	17.59	17.72	17.66	19.00
5	256QAM	12	7	17.54	17.81	17.59	19.00
5	256QAM	12	13	17.66	17.62	17.60	19.00
5	256QAM	25	0	17.57	17.69	17.50	19.00

【LTE Band 38_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				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	20.48	20.49	20.40	21.50
20	QPSK	1	49	20.36	20.40	20.23	21.50
20	QPSK	1	99	20.38	20.43	20.30	21.50
20	QPSK	50	0	20.43	20.47	20.40	21.50
20	QPSK	50	24	20.31	20.29	20.39	21.50
20	QPSK	50	50	20.35	20.38	20.25	21.50
20	QPSK	100	0	20.37	20.45	20.36	21.50
20	16QAM	1	0	20.39	20.40	20.29	21.50
20	16QAM	1	49	20.30	20.47	20.22	21.50
20	16QAM	1	99	20.30	20.49	20.29	21.50
20	16QAM	50	0	20.38	20.33	20.37	21.50
20	16QAM	50	24	20.32	20.34	20.21	21.50
20	16QAM	50	50	20.36	20.45	20.24	21.50
20	16QAM	100	0	20.36	20.33	20.33	21.50
20	64QAM	1	0	20.27	20.33	20.22	21.50
20	64QAM	1	49	20.40	20.36	20.41	21.50

20	64QAM	1	99	20.45	20.44	20.30	21.50
20	64QAM	50	0	19.70	19.85	19.66	21.00
20	64QAM	50	24	19.68	19.73	19.58	21.00
20	64QAM	50	50	19.63	19.76	19.58	21.00
20	64QAM	100	0	19.61	19.71	19.57	21.00
20	256QAM	1	0	17.76	17.82	17.70	19.00
20	256QAM	1	49	17.76	17.86	17.68	19.00
20	256QAM	1	99	17.64	17.71	17.52	19.00
20	256QAM	50	0	17.78	17.85	17.65	19.00
20	256QAM	50	24	17.80	17.82	17.64	19.00
20	256QAM	50	50	17.60	17.72	17.51	19.00
20	256QAM	100	0	17.66	17.72	17.51	19.00
Channel				37825	38000	38175	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	QPSK	1	0	20.42	20.48	20.29	21.50
15	QPSK	1	37	20.26	20.32	20.20	21.50
15	QPSK	1	74	20.29	20.36	20.26	21.50
15	QPSK	36	0	20.30	20.42	20.36	21.50
15	QPSK	36	20	20.22	20.18	20.28	21.50
15	QPSK	36	39	20.24	20.29	20.21	21.50
15	QPSK	75	0	20.23	20.34	20.26	21.50
15	16QAM	1	0	20.35	20.27	20.17	21.50
15	16QAM	1	37	20.22	20.38	20.17	21.50
15	16QAM	1	74	20.24	20.45	20.18	21.50
15	16QAM	36	0	20.28	20.30	20.29	21.50
15	16QAM	36	20	20.28	20.24	20.11	21.50
15	16QAM	36	39	20.22	20.34	20.13	21.50
15	16QAM	75	0	20.27	20.31	20.22	21.50
15	64QAM	1	0	20.16	20.27	20.08	21.50
15	64QAM	1	37	20.38	20.23	20.29	21.50
15	64QAM	1	74	20.41	20.36	20.20	21.50
15	64QAM	36	0	19.67	19.77	19.54	21.00
15	64QAM	36	20	19.54	19.60	19.44	21.00
15	64QAM	36	39	19.52	19.70	19.51	21.00
15	64QAM	75	0	19.55	19.69	19.49	21.00
15	256QAM	1	0	17.66	17.76	17.56	19.00
15	256QAM	1	37	17.69	17.77	17.61	19.00
15	256QAM	1	74	17.63	17.57	17.42	19.00
15	256QAM	36	0	17.69	17.78	17.51	19.00
15	256QAM	36	20	17.67	17.67	17.55	19.00
15	256QAM	36	39	17.47	17.62	17.43	19.00
15	256QAM	75	0	17.51	17.65	17.37	19.00
Channel				37800	38000	38200	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	QPSK	1	0	20.41	20.41	20.25	21.50
10	QPSK	1	25	20.22	20.36	20.22	21.50
10	QPSK	1	49	20.33	20.37	20.19	21.50
10	QPSK	25	0	20.34	20.37	20.30	21.50
10	QPSK	25	12	20.19	20.15	20.34	21.50
10	QPSK	25	25	20.32	20.32	20.14	21.50
10	QPSK	50	0	20.33	20.37	20.24	21.50
10	16QAM	1	0	20.28	20.28	20.15	21.50
10	16QAM	1	25	20.20	20.44	20.11	21.50
10	16QAM	1	49	20.28	20.46	20.15	21.50
10	16QAM	25	0	20.31	20.19	20.30	21.50
10	16QAM	25	12	20.22	20.19	20.08	21.50
10	16QAM	25	25	20.27	20.40	20.21	21.50
10	16QAM	50	0	20.30	20.27	20.19	21.50
10	64QAM	1	0	20.13	20.27	20.09	21.50
10	64QAM	1	25	20.29	20.23	20.28	21.50
10	64QAM	1	49	20.34	20.39	20.18	21.50
10	64QAM	25	0	19.61	19.72	19.53	21.00
10	64QAM	25	12	19.66	19.65	19.44	21.00
10	64QAM	25	25	19.53	19.67	19.49	21.00
10	64QAM	50	0	19.53	19.68	19.48	21.00
10	256QAM	1	0	17.63	17.69	17.69	19.00
10	256QAM	1	25	17.62	17.73	17.57	19.00
10	256QAM	1	49	17.63	17.63	17.46	19.00
10	256QAM	25	0	17.63	17.71	17.64	19.00
10	256QAM	25	12	17.71	17.70	17.60	19.00
10	256QAM	25	25	17.51	17.61	17.38	19.00
10	256QAM	50	0	17.57	17.60	17.36	19.00
Channel				37775	38000	38225	Tune-up limit
Frequency (MHz)				2572.5	2595	2617.5	(dBm)
5	QPSK	1	0	20.43	20.43	20.32	21.50
5	QPSK	1	12	20.32	20.31	20.11	21.50
5	QPSK	1	24	20.27	20.34	20.28	21.50
5	QPSK	12	0	20.33	20.44	20.33	21.50

5	QPSK	12	7	20.18	20.20	20.33	21.50
5	QPSK	12	13	20.31	20.27	20.23	21.50
5	QPSK	25	0	20.36	20.31	20.22	21.50
5	16QAM	1	0	20.30	20.39	20.24	21.50
5	16QAM	1	12	20.17	20.36	20.19	21.50
5	16QAM	1	24	20.22	20.39	20.20	21.50
5	16QAM	12	0	20.29	20.19	20.32	21.50
5	16QAM	12	7	20.31	20.26	20.19	21.50
5	16QAM	12	13	20.33	20.34	20.19	21.50
5	16QAM	25	0	20.30	20.20	20.23	21.50
5	64QAM	1	0	20.20	20.32	20.19	21.50
5	64QAM	1	12	20.33	20.25	20.40	21.50
5	64QAM	1	24	20.32	20.31	20.28	21.50
5	64QAM	12	0	19.63	19.79	19.53	21.00
5	64QAM	12	7	19.64	19.70	19.57	21.00
5	64QAM	12	13	19.50	19.64	19.53	21.00
5	64QAM	25	0	19.56	19.60	19.53	21.00
5	256QAM	1	0	17.66	17.79	17.65	19.00
5	256QAM	1	12	17.62	17.73	17.59	19.00
5	256QAM	1	24	17.61	17.70	17.48	19.00
5	256QAM	12	0	17.74	17.79	17.59	19.00
5	256QAM	12	7	17.71	17.71	17.58	19.00
5	256QAM	12	13	17.51	17.68	17.46	19.00
5	256QAM	25	0	17.63	17.59	17.41	19.00

【LTE Band 38_Ant 9_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	20.48	20.49	20.40	21.50
20	QPSK	1	49	20.36	20.40	20.23	21.50
20	QPSK	1	99	20.38	20.43	20.30	21.50
20	QPSK	50	0	20.43	20.47	20.40	21.50
20	QPSK	50	24	20.31	20.29	20.39	21.50
20	QPSK	50	50	20.35	20.38	20.25	21.50
20	QPSK	100	0	20.37	20.45	20.36	21.50
20	16QAM	1	0	20.39	20.40	20.29	21.50
20	16QAM	1	49	20.30	20.47	20.22	21.50
20	16QAM	1	99	20.30	20.49	20.29	21.50
20	16QAM	50	0	20.38	20.33	20.37	21.50
20	16QAM	50	24	20.32	20.34	20.21	21.50
20	16QAM	50	50	20.36	20.45	20.24	21.50
20	16QAM	100	0	20.36	20.33	20.33	21.50
20	64QAM	1	0	20.27	20.33	20.22	21.50
20	64QAM	1	49	20.40	20.36	20.41	21.50
20	64QAM	1	99	20.45	20.44	20.30	21.50
20	64QAM	50	0	19.70	19.85	19.66	21.00
20	64QAM	50	24	19.68	19.73	19.58	21.00
20	64QAM	50	50	19.63	19.76	19.58	21.00
20	64QAM	100	0	19.61	19.71	19.57	21.00
20	256QAM	1	0	17.76	17.82	17.70	19.00
20	256QAM	1	49	17.76	17.86	17.68	19.00
20	256QAM	1	99	17.64	17.71	17.52	19.00
20	256QAM	50	0	17.78	17.85	17.65	19.00
20	256QAM	50	24	17.80	17.82	17.64	19.00
20	256QAM	50	50	17.60	17.72	17.51	19.00
20	256QAM	100	0	17.66	17.72	17.51	19.00
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	20.42	20.48	20.29	21.50
15	QPSK	1	37	20.26	20.32	20.20	21.50
15	QPSK	1	74	20.29	20.36	20.26	21.50
15	QPSK	36	0	20.30	20.42	20.36	21.50
15	QPSK	36	20	20.22	20.18	20.28	21.50
15	QPSK	36	39	20.24	20.29	20.21	21.50
15	QPSK	75	0	20.23	20.34	20.26	21.50
15	16QAM	1	0	20.35	20.27	20.17	21.50
15	16QAM	1	37	20.22	20.38	20.17	21.50
15	16QAM	1	74	20.24	20.45	20.18	21.50
15	16QAM	36	0	20.28	20.30	20.29	21.50
15	16QAM	36	20	20.28	20.24	20.11	21.50

15	16QAM	36	39	20.22	20.34	20.13	21.50
15	16QAM	75	0	20.27	20.31	20.22	21.50
15	64QAM	1	0	20.16	20.27	20.08	21.50
15	64QAM	1	37	20.38	20.23	20.29	21.50
15	64QAM	1	74	20.41	20.36	20.20	21.50
15	64QAM	36	0	19.67	19.77	19.54	21.00
15	64QAM	36	20	19.54	19.60	19.44	21.00
15	64QAM	36	39	19.52	19.70	19.51	21.00
15	64QAM	75	0	19.55	19.69	19.49	21.00
15	256QAM	1	0	17.66	17.76	17.56	19.00
15	256QAM	1	37	17.69	17.77	17.61	19.00
15	256QAM	1	74	17.63	17.57	17.42	19.00
15	256QAM	36	0	17.69	17.78	17.51	19.00
15	256QAM	36	20	17.67	17.67	17.55	19.00
15	256QAM	36	39	17.47	17.62	17.43	19.00
15	256QAM	75	0	17.51	17.65	17.37	19.00
Channel				37800	38000	38200	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	QPSK	1	0	20.41	20.41	20.25	21.50
10	QPSK	1	25	20.22	20.36	20.22	21.50
10	QPSK	1	49	20.33	20.37	20.19	21.50
10	QPSK	25	0	20.34	20.37	20.30	21.50
10	QPSK	25	12	20.19	20.15	20.34	21.50
10	QPSK	25	25	20.32	20.32	20.14	21.50
10	QPSK	50	0	20.33	20.37	20.24	21.50
10	16QAM	1	0	20.28	20.28	20.15	21.50
10	16QAM	1	25	20.20	20.44	20.11	21.50
10	16QAM	1	49	20.28	20.46	20.15	21.50
10	16QAM	25	0	20.31	20.19	20.30	21.50
10	16QAM	25	12	20.22	20.19	20.08	21.50
10	16QAM	25	25	20.27	20.40	20.21	21.50
10	16QAM	50	0	20.30	20.27	20.19	21.50
10	64QAM	1	0	20.13	20.27	20.09	21.50
10	64QAM	1	25	20.29	20.23	20.28	21.50
10	64QAM	1	49	20.34	20.39	20.18	21.50
10	64QAM	25	0	19.61	19.72	19.53	21.00
10	64QAM	25	12	19.66	19.65	19.44	21.00
10	64QAM	25	25	19.53	19.67	19.49	21.00
10	64QAM	50	0	19.53	19.68	19.48	21.00
10	256QAM	1	0	17.63	17.69	17.69	19.00
10	256QAM	1	25	17.62	17.73	17.57	19.00
10	256QAM	1	49	17.63	17.63	17.46	19.00
10	256QAM	25	0	17.63	17.71	17.64	19.00
10	256QAM	25	12	17.71	17.70	17.60	19.00
10	256QAM	25	25	17.51	17.61	17.38	19.00
10	256QAM	50	0	17.57	17.60	17.36	19.00
Channel				37775	38000	38225	Tune-up limit
Frequency (MHz)				2572.5	2595	2617.5	(dBm)
5	QPSK	1	0	20.43	20.43	20.32	21.50
5	QPSK	1	12	20.32	20.31	20.11	21.50
5	QPSK	1	24	20.27	20.34	20.28	21.50
5	QPSK	12	0	20.33	20.44	20.33	21.50
5	QPSK	12	7	20.18	20.20	20.33	21.50
5	QPSK	12	13	20.31	20.27	20.23	21.50
5	QPSK	25	0	20.36	20.31	20.22	21.50
5	16QAM	1	0	20.30	20.39	20.24	21.50
5	16QAM	1	12	20.17	20.36	20.19	21.50
5	16QAM	1	24	20.22	20.39	20.20	21.50
5	16QAM	12	0	20.29	20.19	20.32	21.50
5	16QAM	12	7	20.31	20.26	20.19	21.50
5	16QAM	12	13	20.33	20.34	20.19	21.50
5	16QAM	25	0	20.30	20.20	20.23	21.50
5	64QAM	1	0	20.20	20.32	20.19	21.50
5	64QAM	1	12	20.33	20.25	20.40	21.50
5	64QAM	1	24	20.32	20.31	20.28	21.50
5	64QAM	12	0	19.63	19.79	19.53	21.00
5	64QAM	12	7	19.64	19.70	19.57	21.00
5	64QAM	12	13	19.50	19.64	19.53	21.00
5	64QAM	25	0	19.56	19.60	19.53	21.00
5	256QAM	1	0	17.66	17.79	17.65	19.00
5	256QAM	1	12	17.62	17.73	17.59	19.00
5	256QAM	1	24	17.61	17.70	17.48	19.00
5	256QAM	12	0	17.74	17.79	17.59	19.00
5	256QAM	12	7	17.71	17.71	17.58	19.00
5	256QAM	12	13	17.51	17.68	17.46	19.00
5	256QAM	25	0	17.63	17.59	17.41	19.00

【LTE Band 38_Ant 9_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	14.44	14.51	14.41	15.70
20	QPSK	1	49	14.41	14.48	14.25	15.70
20	QPSK	1	99	14.24	14.50	14.22	15.70
20	QPSK	50	0	14.34	14.50	14.41	15.70
20	QPSK	50	24	14.26	14.42	14.36	15.70
20	QPSK	50	50	14.25	14.31	14.23	15.70
20	QPSK	100	0	14.25	14.42	14.38	15.70
20	16QAM	1	0	14.35	14.38	14.25	15.70
20	16QAM	1	49	14.27	14.42	14.28	15.70
20	16QAM	1	99	14.31	14.32	14.38	15.70
20	16QAM	50	0	14.25	14.31	14.40	15.70
20	16QAM	50	24	14.27	14.41	14.32	15.70
20	16QAM	50	50	14.31	14.29	14.26	15.70
20	16QAM	100	0	14.40	14.39	14.42	15.70
20	64QAM	1	0	14.22	14.39	14.38	15.70
20	64QAM	1	49	14.42	14.48	14.31	15.70
20	64QAM	1	99	14.46	14.49	14.41	15.70
20	64QAM	50	0	14.22	14.31	14.22	15.70
20	64QAM	50	24	14.30	14.43	14.31	15.70
20	64QAM	50	50	14.36	14.36	14.27	15.70
20	64QAM	100	0	14.42	14.37	14.34	15.70
20	256QAM	1	0	14.28	14.38	14.32	15.70
20	256QAM	1	49	14.30	14.46	14.32	15.70
20	256QAM	1	99	14.28	14.38	14.38	15.70
20	256QAM	50	0	14.33	14.32	14.37	15.70
20	256QAM	50	24	14.32	14.41	14.43	15.70
20	256QAM	50	50	14.24	14.31	14.42	15.70
20	256QAM	100	0	14.44	14.39	14.37	15.70
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	14.37	14.46	14.36	15.70
15	QPSK	1	37	14.33	14.46	14.11	15.70
15	QPSK	1	74	14.10	14.39	14.20	15.70
15	QPSK	36	0	14.25	14.41	14.28	15.70
15	QPSK	36	20	14.15	14.37	14.29	15.70
15	QPSK	36	39	14.24	14.19	14.16	15.70
15	QPSK	75	0	14.16	14.34	14.37	15.70
15	16QAM	1	0	14.27	14.32	14.20	15.70
15	16QAM	1	37	14.23	14.33	14.22	15.70
15	16QAM	1	74	14.25	14.26	14.35	15.70
15	16QAM	36	0	14.14	14.20	14.27	15.70
15	16QAM	36	20	14.19	14.30	14.28	15.70
15	16QAM	36	39	14.19	14.22	14.24	15.70
15	16QAM	75	0	14.37	14.37	14.39	15.70
15	64QAM	1	0	14.14	14.32	14.32	15.70
15	64QAM	1	37	14.28	14.43	14.20	15.70
15	64QAM	1	74	14.38	14.45	14.29	15.70
15	64QAM	36	0	14.11	14.22	14.10	15.70
15	64QAM	36	20	14.17	14.37	14.18	15.70
15	64QAM	36	39	14.22	14.30	14.23	15.70
15	64QAM	75	0	14.28	14.30	14.23	15.70
15	256QAM	1	0	14.21	14.25	14.31	15.70
15	256QAM	1	37	14.19	14.39	14.24	15.70
15	256QAM	1	74	14.19	14.32	14.26	15.70
15	256QAM	36	0	14.22	14.30	14.26	15.70
15	256QAM	36	20	14.18	14.38	14.38	15.70
15	256QAM	36	39	14.21	14.27	14.31	15.70
15	256QAM	75	0	14.42	14.28	14.30	15.70
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	14.34	14.43	14.26	15.70
10	QPSK	1	25	14.30	14.39	14.23	15.70
10	QPSK	1	49	14.21	14.41	14.14	15.70
10	QPSK	25	0	14.32	14.45	14.29	15.70
10	QPSK	25	12	14.19	14.40	14.32	15.70
10	QPSK	25	25	14.16	14.27	14.10	15.70
10	QPSK	50	0	14.14	14.36	14.28	15.70
10	16QAM	1	0	14.29	14.23	14.15	15.70

10	16QAM	1	25	14.18	14.37	14.23	15.70
10	16QAM	1	49	14.17	14.19	14.30	15.70
10	16QAM	25	0	14.18	14.16	14.27	15.70
10	16QAM	25	12	14.14	14.36	14.29	15.70
10	16QAM	25	25	14.21	14.19	14.21	15.70
10	16QAM	50	0	14.36	14.36	14.27	15.70
10	64QAM	1	0	14.19	14.25	14.33	15.70
10	64QAM	1	25	14.40	14.35	14.29	15.70
10	64QAM	1	49	14.43	14.36	14.27	15.70
10	64QAM	25	0	14.17	14.25	14.21	15.70
10	64QAM	25	12	14.24	14.29	14.23	15.70
10	64QAM	25	25	14.25	14.27	14.19	15.70
10	64QAM	50	0	14.28	14.34	14.23	15.70
10	256QAM	1	0	14.19	14.34	14.20	15.70
10	256QAM	1	25	14.27	14.36	14.27	15.70
10	256QAM	1	49	14.19	14.27	14.23	15.70
10	256QAM	25	0	14.27	14.27	14.27	15.70
10	256QAM	25	12	14.17	14.32	14.31	15.70
10	256QAM	25	25	14.20	14.22	14.40	15.70
10	256QAM	50	0	14.38	14.34	14.35	15.70
Channel				37775	38000	38225	Tune-up limit
Frequency (MHz)				2572.5	2595	2617.5	(dBm)
5	QPSK	1	0	14.31	14.48	14.31	15.70
5	QPSK	1	12	14.27	14.45	14.14	15.70
5	QPSK	1	24	14.18	14.45	14.15	15.70
5	QPSK	12	0	14.31	14.35	14.39	15.70
5	QPSK	12	7	14.24	14.33	14.24	15.70
5	QPSK	12	13	14.24	14.22	14.13	15.70
5	QPSK	25	0	14.10	14.37	14.32	15.70
5	16QAM	1	0	14.21	14.26	14.18	15.70
5	16QAM	1	12	14.13	14.33	14.17	15.70
5	16QAM	1	24	14.19	14.30	14.36	15.70
5	16QAM	12	0	14.19	14.22	14.29	15.70
5	16QAM	12	7	14.19	14.30	14.18	15.70
5	16QAM	12	13	14.16	14.23	14.18	15.70
5	16QAM	25	0	14.27	14.37	14.30	15.70
5	64QAM	1	0	14.11	14.26	14.23	15.70
5	64QAM	1	12	14.31	14.40	14.22	15.70
5	64QAM	1	24	14.38	14.36	14.29	15.70
5	64QAM	12	0	14.17	14.25	14.17	15.70
5	64QAM	12	7	14.16	14.33	14.29	15.70
5	64QAM	12	13	14.25	14.26	14.19	15.70
5	64QAM	25	0	14.29	14.26	14.20	15.70
5	256QAM	1	0	14.24	14.29	14.25	15.70
5	256QAM	1	12	14.20	14.39	14.28	15.70
5	256QAM	1	24	14.13	14.35	14.37	15.70
5	256QAM	12	0	14.28	14.22	14.30	15.70
5	256QAM	12	7	14.25	14.33	14.35	15.70
5	256QAM	12	13	14.16	14.23	14.35	15.70
5	256QAM	25	0	14.30	14.34	14.33	15.70

【LTE Band 41_FCC (2496~2690MHz)_Ant

0_Full Power】

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	22.72	22.66	22.77	22.75	22.67	24.00
20	QPSK	1	49	22.51	22.43	22.66	22.56	22.52	24.00
20	QPSK	1	99	22.64	22.47	22.69	22.64	22.57	24.00
20	QPSK	50	0	21.60	21.53	21.71	21.57	21.59	23.00
20	QPSK	50	24	21.56	21.44	21.66	21.55	21.52	23.00
20	QPSK	50	50	21.55	21.43	21.64	21.50	21.45	23.00
20	QPSK	100	0	21.64	21.51	21.67	21.60	21.56	23.00
20	16QAM	1	0	21.74	21.56	21.75	21.61	21.54	23.00
20	16QAM	1	49	21.63	21.50	21.73	21.61	21.56	23.00
20	16QAM	1	99	21.52	21.44	21.63	21.52	21.51	23.00
20	16QAM	50	0	20.64	20.53	20.66	20.58	20.52	22.00
20	16QAM	50	24	20.56	20.56	20.67	20.54	20.51	22.00
20	16QAM	50	50	20.59	20.43	20.65	20.57	20.50	22.00
20	16QAM	100	0	20.64	20.47	20.68	20.53	20.56	22.00
20	64QAM	1	0	20.60	20.47	20.63	20.57	20.51	22.00

20	64QAM	1	49	20.63	20.56	20.76	20.67	20.65	22.00
20	64QAM	1	99	20.64	20.59	20.75	20.70	20.65	22.00
20	64QAM	50	0	19.58	19.49	19.63	19.58	19.43	21.00
20	64QAM	50	24	19.65	19.56	19.71	19.65	19.51	21.00
20	64QAM	50	50	19.53	19.53	19.67	19.61	19.52	21.00
20	64QAM	100	0	19.57	19.58	19.70	19.67	19.51	21.00
20	256QAM	1	0	17.57	17.54	17.69	17.59	17.56	19.00
20	256QAM	1	49	17.50	17.44	17.59	17.54	17.39	19.00
20	256QAM	1	99	17.49	17.44	17.61	17.48	17.39	19.00
20	256QAM	50	0	17.65	17.44	17.67	17.60	17.47	19.00
20	256QAM	50	24	17.69	17.60	17.73	17.62	17.58	19.00
20	256QAM	50	50	17.65	17.46	17.69	17.55	17.52	19.00
20	256QAM	100	0	17.64	17.61	17.71	17.64	17.49	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	22.71	22.63	22.69	22.62	22.52	24.00
15	QPSK	1	37	22.44	22.36	22.60	22.49	22.46	24.00
15	QPSK	1	74	22.52	22.44	22.60	22.59	22.49	24.00
15	QPSK	36	0	21.47	21.51	21.66	21.50	21.53	23.00
15	QPSK	36	20	21.49	21.34	21.57	21.43	21.46	23.00
15	QPSK	36	39	21.48	21.35	21.50	21.42	21.38	23.00
15	QPSK	75	0	21.61	21.47	21.63	21.55	21.46	23.00
15	16QAM	1	0	21.73	21.45	21.73	21.47	21.42	23.00
15	16QAM	1	37	21.58	21.49	21.65	21.52	21.46	23.00
15	16QAM	1	74	21.47	21.41	21.52	21.43	21.44	23.00
15	16QAM	36	0	20.60	20.42	20.60	20.51	20.48	22.00
15	16QAM	36	20	20.55	20.54	20.55	20.46	20.48	22.00
15	16QAM	36	39	20.56	20.34	20.58	20.53	20.36	22.00
15	16QAM	75	0	20.61	20.39	20.60	20.44	20.49	22.00
15	64QAM	1	0	20.58	20.41	20.54	20.50	20.37	22.00
15	64QAM	1	37	20.51	20.50	20.63	20.55	20.56	22.00
15	64QAM	1	74	20.56	20.53	20.69	20.61	20.59	22.00
15	64QAM	36	0	19.47	19.42	19.58	19.55	19.30	21.00
15	64QAM	36	20	19.51	19.51	19.62	19.52	19.47	21.00
15	64QAM	36	39	19.50	19.43	19.65	19.54	19.49	21.00
15	64QAM	75	0	19.55	19.45	19.60	19.54	19.47	21.00
15	256QAM	1	0	17.47	17.49	17.55	17.54	17.46	19.00
15	256QAM	1	37	17.41	17.34	17.47	17.52	17.36	19.00
15	256QAM	1	74	17.40	17.41	17.59	17.36	17.32	19.00
15	256QAM	36	0	17.53	17.30	17.65	17.56	17.41	19.00
15	256QAM	36	20	17.58	17.58	17.71	17.52	17.44	19.00
15	256QAM	36	39	17.60	17.34	17.55	17.43	17.48	19.00
15	256QAM	75	0	17.61	17.58	17.70	17.58	17.38	19.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	22.63	22.63	22.68	22.64	22.57	24.00
10	QPSK	1	25	22.50	22.34	22.55	22.53	22.47	24.00
10	QPSK	1	49	22.50	22.38	22.65	22.50	22.45	24.00
10	QPSK	25	0	21.55	21.43	21.68	21.52	21.49	23.00
10	QPSK	25	12	21.43	21.40	21.60	21.45	21.46	23.00
10	QPSK	25	25	21.42	21.35	21.63	21.44	21.30	23.00
10	QPSK	50	0	21.54	21.46	21.62	21.46	21.43	23.00
10	16QAM	1	0	21.73	21.49	21.65	21.55	21.44	23.00
10	16QAM	1	25	21.53	21.47	21.63	21.55	21.48	23.00
10	16QAM	1	49	21.40	21.34	21.48	21.49	21.43	23.00
10	16QAM	25	0	20.57	20.46	20.61	20.49	20.43	22.00
10	16QAM	25	12	20.55	20.53	20.62	20.50	20.45	22.00
10	16QAM	25	25	20.57	20.42	20.54	20.45	20.38	22.00
10	16QAM	50	0	20.55	20.44	20.57	20.42	20.47	22.00
10	64QAM	1	0	20.46	20.44	20.49	20.45	20.38	22.00
10	64QAM	1	25	20.57	20.50	20.74	20.59	20.53	22.00
10	64QAM	1	49	20.51	20.48	20.63	20.66	20.51	22.00
10	64QAM	25	0	19.50	19.38	19.57	19.46	19.34	21.00
10	64QAM	25	12	19.51	19.52	19.60	19.51	19.46	21.00
10	64QAM	25	25	19.42	19.48	19.60	19.50	19.45	21.00
10	64QAM	50	0	19.45	19.44	19.62	19.52	19.42	21.00
10	256QAM	1	0	17.50	17.42	17.66	17.58	17.50	19.00
10	256QAM	1	25	17.40	17.34	17.54	17.51	17.34	19.00
10	256QAM	1	49	17.43	17.35	17.56	17.42	17.28	19.00
10	256QAM	25	0	17.54	17.37	17.59	17.45	17.45	19.00
10	256QAM	25	12	17.61	17.45	17.66	17.60	17.54	19.00
10	256QAM	25	25	17.54	17.41	17.64	17.44	17.47	19.00
10	256QAM	50	0	17.63	17.53	17.63	17.55	17.35	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	22.74	22.60	22.74	22.61	22.56	24.00
5	QPSK	1	12	22.37	22.34	22.65	22.52	22.46	24.00
5	QPSK	1	24	22.54	22.44	22.56	22.61	22.44	24.00
5	QPSK	12	0	21.55	21.48	21.67	21.46	21.45	23.00
5	QPSK	12	7	21.52	21.39	21.61	21.44	21.49	23.00
5	QPSK	12	13	21.50	21.36	21.62	21.48	21.35	23.00
5	QPSK	25	0	21.62	21.50	21.61	21.54	21.46	23.00
5	16QAM	1	0	21.60	21.47	21.67	21.48	21.46	23.00
5	16QAM	1	12	21.49	21.45	21.67	21.59	21.46	23.00
5	16QAM	1	24	21.48	21.36	21.54	21.43	21.36	23.00
5	16QAM	12	0	20.49	20.42	20.57	20.44	20.39	22.00
5	16QAM	12	7	20.50	20.55	20.58	20.50	20.46	22.00
5	16QAM	12	13	20.52	20.30	20.53	20.54	20.39	22.00
5	16QAM	25	0	20.61	20.37	20.63	20.42	20.50	22.00
5	64QAM	1	0	20.57	20.42	20.51	20.52	20.46	22.00
5	64QAM	1	12	20.60	20.45	20.65	20.60	20.54	22.00
5	64QAM	1	24	20.61	20.49	20.74	20.61	20.62	22.00
5	64QAM	12	0	19.53	19.39	19.52	19.48	19.31	21.00
5	64QAM	12	7	19.62	19.45	19.66	19.63	19.46	21.00
5	64QAM	12	13	19.40	19.46	19.61	19.54	19.47	21.00
5	64QAM	25	0	19.52	19.47	19.60	19.57	19.37	21.00
5	256QAM	1	0	17.54	17.45	17.67	17.47	17.46	19.00
5	256QAM	1	12	17.36	17.38	17.54	17.50	17.25	19.00
5	256QAM	1	24	17.46	17.34	17.53	17.43	17.25	19.00
5	256QAM	12	0	17.50	17.34	17.64	17.55	17.42	19.00
5	256QAM	12	7	17.54	17.50	17.64	17.54	17.50	19.00
5	256QAM	12	13	17.56	17.40	17.67	17.53	17.44	19.00
5	256QAM	25	0	17.62	17.54	17.65	17.57	17.37	19.00

【LTE Band 41_FCC (2496~2690MHz)_Ant

0_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	22.72	22.66	22.77	22.75	22.67	24.00
20	QPSK	1	49	22.51	22.43	22.66	22.56	22.52	24.00
20	QPSK	1	99	22.64	22.47	22.69	22.64	22.57	24.00
20	QPSK	50	0	21.60	21.53	21.71	21.57	21.59	23.00
20	QPSK	50	24	21.56	21.44	21.66	21.55	21.52	23.00
20	QPSK	50	50	21.55	21.43	21.64	21.50	21.45	23.00
20	QPSK	100	0	21.64	21.51	21.67	21.60	21.56	23.00
20	16QAM	1	0	21.74	21.56	21.75	21.61	21.54	23.00
20	16QAM	1	49	21.63	21.50	21.73	21.61	21.56	23.00
20	16QAM	1	99	21.52	21.44	21.63	21.52	21.51	23.00
20	16QAM	50	0	20.64	20.53	20.66	20.58	20.52	22.00
20	16QAM	50	24	20.56	20.56	20.67	20.54	20.51	22.00
20	16QAM	50	50	20.59	20.43	20.65	20.57	20.50	22.00
20	16QAM	100	0	20.64	20.47	20.68	20.53	20.56	22.00
20	64QAM	1	0	20.60	20.47	20.63	20.57	20.51	22.00
20	64QAM	1	49	20.63	20.56	20.76	20.67	20.65	22.00
20	64QAM	1	99	20.64	20.59	20.75	20.70	20.65	22.00
20	64QAM	50	0	19.58	19.49	19.63	19.58	19.43	21.00
20	64QAM	50	24	19.65	19.56	19.71	19.65	19.51	21.00
20	64QAM	50	50	19.53	19.53	19.67	19.61	19.52	21.00
20	64QAM	100	0	19.57	19.58	19.70	19.67	19.51	21.00
20	256QAM	1	0	17.57	17.54	17.69	17.59	17.56	19.00
20	256QAM	1	49	17.50	17.44	17.59	17.54	17.39	19.00
20	256QAM	1	99	17.49	17.44	17.61	17.48	17.39	19.00
20	256QAM	50	0	17.65	17.44	17.67	17.60	17.47	19.00
20	256QAM	50	24	17.69	17.60	17.73	17.62	17.58	19.00
20	256QAM	50	50	17.65	17.46	17.69	17.55	17.52	19.00
20	256QAM	100	0	17.64	17.61	17.71	17.64	17.49	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	22.71	22.63	22.69	22.62	22.52	24.00
15	QPSK	1	37	22.44	22.36	22.60	22.49	22.46	24.00
15	QPSK	1	74	22.52	22.44	22.60	22.59	22.49	24.00
15	QPSK	36	0	21.47	21.51	21.66	21.50	21.53	23.00
15	QPSK	36	20	21.49	21.34	21.57	21.43	21.46	23.00
15	QPSK	36	39	21.48	21.35	21.50	21.42	21.38	23.00

15	QPSK	75	0	21.61	21.47	21.63	21.55	21.46	23.00
15	16QAM	1	0	21.73	21.45	21.73	21.47	21.42	23.00
15	16QAM	1	37	21.58	21.49	21.65	21.52	21.46	23.00
15	16QAM	1	74	21.47	21.41	21.52	21.43	21.44	23.00
15	16QAM	36	0	20.60	20.42	20.60	20.51	20.48	22.00
15	16QAM	36	20	20.55	20.54	20.55	20.46	20.48	22.00
15	16QAM	36	39	20.56	20.34	20.58	20.53	20.36	22.00
15	16QAM	75	0	20.61	20.39	20.60	20.44	20.49	22.00
15	64QAM	1	0	20.58	20.41	20.54	20.50	20.37	22.00
15	64QAM	1	37	20.51	20.50	20.63	20.55	20.56	22.00
15	64QAM	1	74	20.56	20.53	20.69	20.61	20.59	22.00
15	64QAM	36	0	19.47	19.42	19.58	19.55	19.30	21.00
15	64QAM	36	20	19.51	19.51	19.62	19.52	19.47	21.00
15	64QAM	36	39	19.50	19.43	19.65	19.54	19.49	21.00
15	64QAM	75	0	19.55	19.45	19.60	19.54	19.47	21.00
15	256QAM	1	0	17.47	17.49	17.55	17.54	17.46	19.00
15	256QAM	1	37	17.41	17.34	17.47	17.52	17.36	19.00
15	256QAM	1	74	17.40	17.41	17.59	17.36	17.32	19.00
15	256QAM	36	0	17.53	17.30	17.65	17.56	17.41	19.00
15	256QAM	36	20	17.58	17.58	17.71	17.52	17.44	19.00
15	256QAM	36	39	17.60	17.34	17.55	17.43	17.48	19.00
15	256QAM	75	0	17.61	17.58	17.70	17.58	17.38	19.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	22.63	22.63	22.68	22.64	22.57	24.00
10	QPSK	1	25	22.50	22.34	22.55	22.53	22.47	24.00
10	QPSK	1	49	22.50	22.38	22.65	22.50	22.45	24.00
10	QPSK	25	0	21.55	21.43	21.68	21.52	21.49	23.00
10	QPSK	25	12	21.43	21.40	21.60	21.45	21.46	23.00
10	QPSK	25	25	21.42	21.35	21.63	21.44	21.30	23.00
10	QPSK	50	0	21.54	21.46	21.62	21.46	21.43	23.00
10	16QAM	1	0	21.73	21.49	21.65	21.55	21.44	23.00
10	16QAM	1	25	21.53	21.47	21.63	21.55	21.48	23.00
10	16QAM	1	49	21.40	21.34	21.48	21.49	21.43	23.00
10	16QAM	25	0	20.57	20.46	20.61	20.49	20.43	22.00
10	16QAM	25	12	20.55	20.53	20.62	20.50	20.45	22.00
10	16QAM	25	25	20.57	20.42	20.54	20.45	20.38	22.00
10	16QAM	50	0	20.55	20.44	20.57	20.42	20.47	22.00
10	64QAM	1	0	20.46	20.44	20.49	20.45	20.38	22.00
10	64QAM	1	25	20.57	20.50	20.74	20.59	20.53	22.00
10	64QAM	1	49	20.51	20.48	20.63	20.66	20.51	22.00
10	64QAM	25	0	19.50	19.38	19.57	19.46	19.34	21.00
10	64QAM	25	12	19.51	19.52	19.60	19.51	19.46	21.00
10	64QAM	25	25	19.42	19.48	19.60	19.50	19.45	21.00
10	64QAM	50	0	19.45	19.44	19.62	19.52	19.42	21.00
10	256QAM	1	0	17.50	17.42	17.66	17.58	17.50	19.00
10	256QAM	1	25	17.40	17.34	17.54	17.51	17.34	19.00
10	256QAM	1	49	17.43	17.35	17.56	17.42	17.28	19.00
10	256QAM	25	0	17.54	17.37	17.59	17.45	17.45	19.00
10	256QAM	25	12	17.61	17.45	17.66	17.60	17.54	19.00
10	256QAM	25	25	17.54	17.41	17.64	17.44	17.47	19.00
10	256QAM	50	0	17.63	17.53	17.63	17.55	17.35	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	22.74	22.60	22.74	22.61	22.56	24.00
5	QPSK	1	12	22.37	22.34	22.65	22.52	22.46	24.00
5	QPSK	1	24	22.54	22.44	22.56	22.61	22.44	24.00
5	QPSK	12	0	21.55	21.48	21.67	21.46	21.45	23.00
5	QPSK	12	7	21.52	21.39	21.61	21.44	21.49	23.00
5	QPSK	12	13	21.50	21.36	21.62	21.48	21.35	23.00
5	QPSK	25	0	21.62	21.50	21.61	21.54	21.46	23.00
5	16QAM	1	0	21.60	21.47	21.67	21.48	21.46	23.00
5	16QAM	1	12	21.49	21.45	21.67	21.59	21.46	23.00
5	16QAM	1	24	21.48	21.36	21.54	21.43	21.36	23.00
5	16QAM	12	0	20.49	20.42	20.57	20.44	20.39	22.00
5	16QAM	12	7	20.50	20.55	20.58	20.50	20.46	22.00
5	16QAM	12	13	20.52	20.30	20.53	20.54	20.39	22.00
5	16QAM	25	0	20.61	20.37	20.63	20.42	20.50	22.00
5	64QAM	1	0	20.57	20.42	20.51	20.52	20.46	22.00
5	64QAM	1	12	20.60	20.45	20.65	20.60	20.54	22.00
5	64QAM	1	24	20.61	20.49	20.74	20.61	20.62	22.00
5	64QAM	12	0	19.53	19.39	19.52	19.48	19.31	21.00
5	64QAM	12	7	19.62	19.45	19.66	19.63	19.46	21.00
5	64QAM	12	13	19.40	19.46	19.61	19.54	19.47	21.00
5	64QAM	25	0	19.52	19.47	19.60	19.57	19.37	21.00
5	256QAM	1	0	17.54	17.45	17.67	17.47	17.46	19.00

5	256QAM	1	12	17.36	17.38	17.54	17.50	17.25	19.00
5	256QAM	1	24	17.46	17.34	17.53	17.43	17.25	19.00
5	256QAM	12	0	17.50	17.34	17.64	17.55	17.42	19.00
5	256QAM	12	7	17.54	17.50	17.64	17.54	17.50	19.00
5	256QAM	12	13	17.56	17.40	17.67	17.53	17.44	19.00
5	256QAM	25	0	17.62	17.54	17.65	17.57	17.37	19.00

【LTE Band 41__FCC (2496~2690MHz)_Ant

0_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	21.07	21.05	21.08	20.96	20.94	21.70
20	QPSK	1	49	20.92	20.93	21.03	20.84	20.79	21.70
20	QPSK	1	99	20.83	20.93	20.90	20.78	20.92	21.70
20	QPSK	50	0	20.92	20.90	20.99	20.90	20.79	21.70
20	QPSK	50	24	20.71	20.69	20.79	20.85	20.75	21.70
20	QPSK	50	50	20.82	20.79	20.86	20.77	20.78	21.70
20	QPSK	100	0	20.56	20.61	20.73	20.65	20.70	21.70
20	16QAM	1	0	20.75	20.70	20.87	20.78	20.81	21.70
20	16QAM	1	49	20.80	20.83	20.82	20.81	20.75	21.70
20	16QAM	1	99	20.67	20.75	20.79	20.79	20.72	21.70
20	16QAM	50	0	20.91	20.82	20.79	20.81	20.78	21.70
20	16QAM	50	24	20.90	20.89	20.81	20.97	20.88	21.70
20	16QAM	50	50	20.90	20.87	20.84	20.92	20.86	21.70
20	16QAM	100	0	20.71	20.72	20.98	20.92	20.82	21.70
20	64QAM	1	0	20.88	20.83	20.84	20.92	20.91	21.70
20	64QAM	1	49	20.81	20.78	20.84	20.90	20.95	21.70
20	64QAM	1	99	20.81	20.85	20.96	20.94	20.81	21.70
20	64QAM	50	0	19.58	19.49	19.63	19.58	19.43	21.00
20	64QAM	50	24	19.65	19.56	19.71	19.65	19.51	21.00
20	64QAM	50	50	19.53	19.53	19.67	19.61	19.52	21.00
20	64QAM	100	0	19.57	19.58	19.70	19.67	19.51	21.00
20	256QAM	1	0	17.57	17.54	17.69	17.59	17.56	19.00
20	256QAM	1	49	17.50	17.44	17.59	17.54	17.39	19.00
20	256QAM	1	99	17.49	17.44	17.61	17.48	17.39	19.00
20	256QAM	50	0	17.65	17.44	17.67	17.60	17.47	19.00
20	256QAM	50	24	17.69	17.60	17.73	17.62	17.58	19.00
20	256QAM	50	50	17.65	17.46	17.69	17.55	17.52	19.00
20	256QAM	100	0	17.64	17.61	17.71	17.64	17.49	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	21.00	20.97	21.01	20.86	20.80	21.70
15	QPSK	1	37	20.79	20.88	20.92	20.82	20.74	21.70
15	QPSK	1	74	20.75	20.87	20.80	20.74	20.80	21.70
15	QPSK	36	0	20.88	20.84	20.92	20.78	20.72	21.70
15	QPSK	36	20	20.64	20.64	20.76	20.78	20.77	21.70
15	QPSK	36	39	20.71	20.72	20.82	20.64	20.70	21.70
15	QPSK	75	0	20.46	20.52	20.63	20.57	20.59	21.70
15	16QAM	1	0	20.68	20.56	20.76	20.74	20.72	21.70
15	16QAM	1	37	20.76	20.80	20.78	20.73	20.65	21.70
15	16QAM	1	74	20.54	20.65	20.70	20.73	20.62	21.70
15	16QAM	36	0	20.77	20.73	20.65	20.69	20.65	21.70
15	16QAM	36	20	20.81	20.83	20.68	20.84	20.87	21.70
15	16QAM	36	39	20.86	20.75	20.78	20.83	20.80	21.70
15	16QAM	75	0	20.60	20.70	20.88	20.84	20.71	21.70
15	64QAM	1	0	20.79	20.73	20.77	20.90	20.78	21.70
15	64QAM	1	37	20.76	20.69	20.78	20.85	20.92	21.70
15	64QAM	1	74	20.68	20.74	20.91	20.83	20.69	21.70
15	64QAM	36	0	19.55	19.38	19.57	19.49	19.33	21.00
15	64QAM	36	20	19.63	19.54	19.64	19.60	19.46	21.00
15	64QAM	36	39	19.44	19.45	19.60	19.47	19.39	21.00
15	64QAM	75	0	19.49	19.48	19.60	19.60	19.41	21.00
15	256QAM	1	0	17.55	17.51	17.55	17.54	17.44	19.00
15	256QAM	1	37	17.47	17.43	17.56	17.49	17.28	19.00
15	256QAM	1	74	17.35	17.42	17.56	17.42	17.38	19.00
15	256QAM	36	0	17.64	17.40	17.55	17.52	17.44	19.00
15	256QAM	36	20	17.62	17.48	17.63	17.60	17.54	19.00
15	256QAM	36	39	17.52	17.31	17.56	17.42	17.38	19.00
15	256QAM	75	0	17.59	17.57	17.69	17.60	17.47	19.00

Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	21.00	20.92	20.96	20.94	20.81	21.70
10	QPSK	1	25	20.87	20.79	20.92	20.77	20.73	21.70
10	QPSK	1	49	20.78	20.80	20.78	20.72	20.91	21.70
10	QPSK	25	0	20.85	20.80	20.85	20.76	20.72	21.70
10	QPSK	25	12	20.56	20.57	20.65	20.76	20.76	21.70
10	QPSK	25	25	20.76	20.68	20.76	20.71	20.75	21.70
10	QPSK	50	0	20.45	20.49	20.65	20.61	20.56	21.70
10	16QAM	1	0	20.72	20.62	20.81	20.68	20.74	21.70
10	16QAM	1	25	20.77	20.81	20.79	20.72	20.63	21.70
10	16QAM	1	49	20.65	20.67	20.72	20.68	20.57	21.70
10	16QAM	25	0	20.89	20.80	20.70	20.79	20.77	21.70
10	16QAM	25	12	20.88	20.84	20.68	20.96	20.86	21.70
10	16QAM	25	25	20.77	20.83	20.82	20.80	20.77	21.70
10	16QAM	50	0	20.68	20.69	20.85	20.89	20.74	21.70
10	64QAM	1	0	20.74	20.79	20.80	20.88	20.81	21.70
10	64QAM	1	25	20.71	20.69	20.82	20.77	20.88	21.70
10	64QAM	1	49	20.69	20.73	20.95	20.82	20.69	21.70
10	64QAM	25	0	19.46	19.43	19.53	19.46	19.32	21.00
10	64QAM	25	12	19.51	19.42	19.66	19.64	19.42	21.00
10	64QAM	25	25	19.45	19.44	19.60	19.52	19.42	21.00
10	64QAM	50	0	19.53	19.52	19.61	19.59	19.45	21.00
10	256QAM	1	0	17.55	17.44	17.57	17.57	17.52	19.00
10	256QAM	1	25	17.47	17.31	17.55	17.43	17.29	19.00
10	256QAM	1	49	17.39	17.34	17.46	17.38	17.29	19.00
10	256QAM	25	0	17.62	17.35	17.53	17.54	17.37	19.00
10	256QAM	25	12	17.55	17.58	17.71	17.58	17.52	19.00
10	256QAM	25	25	17.57	17.32	17.59	17.47	17.40	19.00
10	256QAM	50	0	17.50	17.58	17.65	17.62	17.43	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	20.99	21.02	21.02	20.94	20.84	21.70
5	QPSK	1	12	20.83	20.82	21.01	20.72	20.74	21.70
5	QPSK	1	24	20.76	20.88	20.80	20.68	20.85	21.70
5	QPSK	12	0	20.78	20.78	20.89	20.85	20.74	21.70
5	QPSK	12	7	20.68	20.65	20.68	20.79	20.80	21.70
5	QPSK	12	13	20.71	20.70	20.83	20.70	20.70	21.70
5	QPSK	25	0	20.50	20.46	20.68	20.64	20.60	21.70
5	16QAM	1	0	20.72	20.61	20.81	20.65	20.77	21.70
5	16QAM	1	12	20.65	20.76	20.76	20.67	20.67	21.70
5	16QAM	1	24	20.66	20.65	20.71	20.70	20.63	21.70
5	16QAM	12	0	20.88	20.75	20.65	20.70	20.65	21.70
5	16QAM	12	7	20.80	20.74	20.67	20.89	20.87	21.70
5	16QAM	12	13	20.83	20.81	20.83	20.83	20.71	21.70
5	16QAM	25	0	20.70	20.71	20.95	20.82	20.72	21.70
5	64QAM	1	0	20.78	20.68	20.79	20.88	20.84	21.70
5	64QAM	1	12	20.80	20.66	20.82	20.78	20.89	21.70
5	64QAM	1	24	20.76	20.82	20.82	20.91	20.68	21.70
5	64QAM	12	0	19.55	19.35	19.55	19.53	19.35	21.00
5	64QAM	12	7	19.50	19.49	19.70	19.55	19.37	21.00
5	64QAM	12	13	19.51	19.45	19.61	19.52	19.48	21.00
5	64QAM	25	0	19.48	19.50	19.59	19.59	19.39	21.00
5	256QAM	1	0	17.50	17.43	17.57	17.51	17.55	19.00
5	256QAM	1	12	17.46	17.31	17.51	17.52	17.28	19.00
5	256QAM	1	24	17.42	17.33	17.54	17.39	17.26	19.00
5	256QAM	12	0	17.60	17.38	17.56	17.49	17.33	19.00
5	256QAM	12	7	17.59	17.51	17.66	17.49	17.50	19.00
5	256QAM	12	13	17.56	17.42	17.58	17.43	17.38	19.00
5	256QAM	25	0	17.62	17.49	17.65	17.53	17.45	19.00

【LTE Band 41__FCC (2496~2690MHz)_Ant

0_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	24.00
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	22.72	22.66	22.77	22.75	22.67	24.00
20	QPSK	1	49	22.51	22.43	22.66	22.56	22.52	24.00
20	QPSK	1	99	22.64	22.47	22.69	22.64	22.57	24.00
20	QPSK	50	0	21.60	21.53	21.71	21.57	21.59	23.00
20	QPSK	50	24	21.56	21.44	21.66	21.55	21.52	23.00
20	QPSK	50	50	21.55	21.43	21.64	21.50	21.45	23.00
20	QPSK	100	0	21.64	21.51	21.67	21.60	21.56	23.00
20	16QAM	1	0	21.74	21.56	21.75	21.61	21.54	23.00
20	16QAM	1	49	21.63	21.50	21.73	21.61	21.56	23.00
20	16QAM	1	99	21.52	21.44	21.63	21.52	21.51	23.00
20	16QAM	50	0	20.64	20.53	20.66	20.58	20.52	22.00
20	16QAM	50	24	20.56	20.56	20.67	20.54	20.51	22.00
20	16QAM	50	50	20.59	20.43	20.65	20.57	20.50	22.00
20	16QAM	100	0	20.64	20.47	20.68	20.53	20.56	22.00
20	64QAM	1	0	20.60	20.47	20.63	20.57	20.51	22.00
20	64QAM	1	49	20.63	20.56	20.76	20.67	20.65	22.00
20	64QAM	1	99	20.64	20.59	20.75	20.70	20.65	22.00
20	64QAM	50	0	19.58	19.49	19.63	19.58	19.43	21.00
20	64QAM	50	24	19.65	19.56	19.71	19.65	19.51	21.00
20	64QAM	50	50	19.53	19.53	19.67	19.61	19.52	21.00
20	64QAM	100	0	19.57	19.58	19.70	19.67	19.51	21.00
20	256QAM	1	0	17.57	17.54	17.69	17.59	17.56	19.00
20	256QAM	1	49	17.50	17.44	17.59	17.54	17.39	19.00
20	256QAM	1	99	17.49	17.44	17.61	17.48	17.39	19.00
20	256QAM	50	0	17.65	17.44	17.67	17.60	17.47	19.00
20	256QAM	50	24	17.69	17.60	17.73	17.62	17.58	19.00
20	256QAM	50	50	17.65	17.46	17.69	17.55	17.52	19.00
20	256QAM	100	0	17.64	17.61	17.71	17.64	17.49	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	22.71	22.63	22.69	22.62	22.52	24.00
15	QPSK	1	37	22.44	22.36	22.60	22.49	22.46	24.00
15	QPSK	1	74	22.52	22.44	22.60	22.59	22.49	24.00
15	QPSK	36	0	21.47	21.51	21.66	21.50	21.53	23.00
15	QPSK	36	20	21.49	21.34	21.57	21.43	21.46	23.00
15	QPSK	36	39	21.48	21.35	21.50	21.42	21.38	23.00
15	QPSK	75	0	21.61	21.47	21.63	21.55	21.46	23.00
15	16QAM	1	0	21.73	21.45	21.73	21.47	21.42	23.00
15	16QAM	1	37	21.58	21.49	21.65	21.52	21.46	23.00
15	16QAM	1	74	21.47	21.41	21.52	21.43	21.44	23.00
15	16QAM	36	0	20.60	20.42	20.60	20.51	20.48	22.00
15	16QAM	36	20	20.55	20.54	20.55	20.46	20.48	22.00
15	16QAM	36	39	20.56	20.34	20.58	20.53	20.36	22.00
15	16QAM	75	0	20.61	20.39	20.60	20.44	20.49	22.00
15	64QAM	1	0	20.58	20.41	20.54	20.50	20.37	22.00
15	64QAM	1	37	20.51	20.50	20.63	20.55	20.56	22.00
15	64QAM	1	74	20.56	20.53	20.69	20.61	20.59	22.00
15	64QAM	36	0	19.47	19.42	19.58	19.55	19.30	21.00
15	64QAM	36	20	19.51	19.51	19.62	19.52	19.47	21.00
15	64QAM	36	39	19.50	19.43	19.65	19.54	19.49	21.00
15	64QAM	75	0	19.55	19.45	19.60	19.54	19.47	21.00
15	256QAM	1	0	17.47	17.49	17.55	17.54	17.46	19.00
15	256QAM	1	37	17.41	17.34	17.47	17.52	17.36	19.00
15	256QAM	1	74	17.40	17.41	17.59	17.36	17.32	19.00
15	256QAM	36	0	17.53	17.30	17.65	17.56	17.41	19.00
15	256QAM	36	20	17.58	17.58	17.71	17.52	17.44	19.00
15	256QAM	36	39	17.60	17.34	17.55	17.43	17.48	19.00
15	256QAM	75	0	17.61	17.58	17.70	17.58	17.38	19.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	22.63	22.63	22.68	22.64	22.57	24.00
10	QPSK	1	25	22.50	22.34	22.55	22.53	22.47	24.00
10	QPSK	1	49	22.50	22.38	22.65	22.50	22.45	24.00
10	QPSK	25	0	21.55	21.43	21.68	21.52	21.49	23.00
10	QPSK	25	12	21.43	21.40	21.60	21.45	21.46	23.00
10	QPSK	25	25	21.42	21.35	21.63	21.44	21.30	23.00

10	QPSK	50	0	21.54	21.46	21.62	21.46	21.43	23.00
10	16QAM	1	0	21.73	21.49	21.65	21.55	21.44	23.00
10	16QAM	1	25	21.53	21.47	21.63	21.55	21.48	23.00
10	16QAM	1	49	21.40	21.34	21.48	21.49	21.43	23.00
10	16QAM	25	0	20.57	20.46	20.61	20.49	20.43	22.00
10	16QAM	25	12	20.55	20.53	20.62	20.50	20.45	22.00
10	16QAM	25	25	20.57	20.42	20.54	20.45	20.38	22.00
10	16QAM	50	0	20.55	20.44	20.57	20.42	20.47	22.00
10	64QAM	1	0	20.46	20.44	20.49	20.45	20.38	22.00
10	64QAM	1	25	20.57	20.50	20.74	20.59	20.53	22.00
10	64QAM	1	49	20.51	20.48	20.63	20.66	20.51	22.00
10	64QAM	25	0	19.50	19.38	19.57	19.46	19.34	21.00
10	64QAM	25	12	19.51	19.52	19.60	19.51	19.46	21.00
10	64QAM	25	25	19.42	19.48	19.60	19.50	19.45	21.00
10	64QAM	50	0	19.45	19.44	19.62	19.52	19.42	21.00
10	256QAM	1	0	17.50	17.42	17.66	17.58	17.50	19.00
10	256QAM	1	25	17.40	17.34	17.54	17.51	17.34	19.00
10	256QAM	1	49	17.43	17.35	17.56	17.42	17.28	19.00
10	256QAM	25	0	17.54	17.37	17.59	17.45	17.45	19.00
10	256QAM	25	12	17.61	17.45	17.66	17.60	17.54	19.00
10	256QAM	25	25	17.54	17.41	17.64	17.44	17.47	19.00
10	256QAM	50	0	17.63	17.53	17.63	17.55	17.35	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	22.74	22.60	22.74	22.61	22.56	24.00
5	QPSK	1	12	22.37	22.34	22.65	22.52	22.46	24.00
5	QPSK	1	24	22.54	22.44	22.56	22.61	22.44	24.00
5	QPSK	12	0	21.55	21.48	21.67	21.46	21.45	23.00
5	QPSK	12	7	21.52	21.39	21.61	21.44	21.49	23.00
5	QPSK	12	13	21.50	21.36	21.62	21.48	21.35	23.00
5	QPSK	25	0	21.62	21.50	21.61	21.54	21.46	23.00
5	16QAM	1	0	21.60	21.47	21.67	21.48	21.46	23.00
5	16QAM	1	12	21.49	21.45	21.67	21.59	21.46	23.00
5	16QAM	1	24	21.48	21.36	21.54	21.43	21.36	23.00
5	16QAM	12	0	20.49	20.42	20.57	20.44	20.39	22.00
5	16QAM	12	7	20.50	20.55	20.58	20.50	20.46	22.00
5	16QAM	12	13	20.52	20.30	20.53	20.54	20.39	22.00
5	16QAM	25	0	20.61	20.37	20.63	20.42	20.50	22.00
5	64QAM	1	0	20.57	20.42	20.51	20.52	20.46	22.00
5	64QAM	1	12	20.60	20.45	20.65	20.60	20.54	22.00
5	64QAM	1	24	20.61	20.49	20.74	20.61	20.62	22.00
5	64QAM	12	0	19.53	19.39	19.52	19.48	19.31	21.00
5	64QAM	12	7	19.62	19.45	19.66	19.63	19.46	21.00
5	64QAM	12	13	19.40	19.46	19.61	19.54	19.47	21.00
5	64QAM	25	0	19.52	19.47	19.60	19.57	19.37	21.00
5	256QAM	1	0	17.54	17.45	17.67	17.47	17.46	19.00
5	256QAM	1	12	17.36	17.38	17.54	17.50	17.25	19.00
5	256QAM	1	24	17.46	17.34	17.53	17.43	17.25	19.00
5	256QAM	12	0	17.50	17.34	17.64	17.55	17.42	19.00
5	256QAM	12	7	17.54	17.50	17.64	17.54	17.50	19.00
5	256QAM	12	13	17.56	17.40	17.67	17.53	17.44	19.00
5	256QAM	25	0	17.62	17.54	17.65	17.57	17.37	19.00

【LTE Band 41_FCC (2496~2690MHz)_Ant

0_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	22.72	22.66	22.77	22.75	22.67	23.70
20	QPSK	1	49	22.51	22.43	22.66	22.56	22.52	23.70
20	QPSK	1	99	22.64	22.47	22.69	22.64	22.57	23.70
20	QPSK	50	0	21.60	21.53	21.71	21.57	21.59	23.00
20	QPSK	50	24	21.56	21.44	21.66	21.55	21.52	23.00
20	QPSK	50	50	21.55	21.43	21.64	21.50	21.45	23.00
20	QPSK	100	0	21.64	21.51	21.67	21.60	21.56	23.00
20	16QAM	1	0	21.74	21.56	21.75	21.61	21.54	23.00
20	16QAM	1	49	21.63	21.50	21.73	21.61	21.56	23.00
20	16QAM	1	99	21.52	21.44	21.63	21.52	21.51	23.00
20	16QAM	50	0	20.64	20.53	20.66	20.58	20.52	22.00
20	16QAM	50	24	20.56	20.56	20.67	20.54	20.51	22.00

20	16QAM	50	50	20.59	20.43	20.65	20.57	20.50	22.00
20	16QAM	100	0	20.64	20.47	20.68	20.53	20.56	22.00
20	64QAM	1	0	20.60	20.47	20.63	20.57	20.51	22.00
20	64QAM	1	49	20.63	20.56	20.76	20.67	20.65	22.00
20	64QAM	1	99	20.64	20.59	20.75	20.70	20.65	22.00
20	64QAM	50	0	19.58	19.49	19.63	19.58	19.43	21.00
20	64QAM	50	24	19.65	19.56	19.71	19.65	19.51	21.00
20	64QAM	50	50	19.53	19.53	19.67	19.61	19.52	21.00
20	64QAM	100	0	19.57	19.58	19.70	19.67	19.51	21.00
20	256QAM	1	0	17.57	17.54	17.69	17.59	17.56	19.00
20	256QAM	1	49	17.50	17.44	17.59	17.54	17.39	19.00
20	256QAM	1	99	17.49	17.44	17.61	17.48	17.39	19.00
20	256QAM	50	0	17.65	17.44	17.67	17.60	17.47	19.00
20	256QAM	50	24	17.69	17.60	17.73	17.62	17.58	19.00
20	256QAM	50	50	17.65	17.46	17.69	17.55	17.52	19.00
20	256QAM	100	0	17.64	17.61	17.71	17.64	17.49	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	22.71	22.63	22.69	22.62	22.52	23.70
15	QPSK	1	37	22.44	22.36	22.60	22.49	22.46	23.70
15	QPSK	1	74	22.52	22.44	22.60	22.59	22.49	23.70
15	QPSK	36	0	21.47	21.51	21.66	21.50	21.53	23.00
15	QPSK	36	20	21.49	21.34	21.57	21.43	21.46	23.00
15	QPSK	36	39	21.48	21.35	21.50	21.42	21.38	23.00
15	QPSK	75	0	21.61	21.47	21.63	21.55	21.46	23.00
15	16QAM	1	0	21.73	21.45	21.73	21.47	21.42	23.00
15	16QAM	1	37	21.58	21.49	21.65	21.52	21.46	23.00
15	16QAM	1	74	21.47	21.41	21.52	21.43	21.44	23.00
15	16QAM	36	0	20.60	20.42	20.60	20.51	20.48	22.00
15	16QAM	36	20	20.55	20.54	20.55	20.46	20.48	22.00
15	16QAM	36	39	20.56	20.34	20.58	20.53	20.36	22.00
15	16QAM	75	0	20.61	20.39	20.60	20.44	20.49	22.00
15	64QAM	1	0	20.58	20.41	20.54	20.50	20.37	22.00
15	64QAM	1	37	20.51	20.50	20.63	20.55	20.56	22.00
15	64QAM	1	74	20.56	20.53	20.69	20.61	20.59	22.00
15	64QAM	36	0	19.47	19.42	19.58	19.55	19.30	21.00
15	64QAM	36	20	19.51	19.51	19.62	19.52	19.47	21.00
15	64QAM	36	39	19.50	19.43	19.65	19.54	19.49	21.00
15	64QAM	75	0	19.55	19.45	19.60	19.54	19.47	21.00
15	256QAM	1	0	17.47	17.49	17.55	17.54	17.46	19.00
15	256QAM	1	37	17.41	17.34	17.47	17.52	17.36	19.00
15	256QAM	1	74	17.40	17.41	17.59	17.36	17.32	19.00
15	256QAM	36	0	17.53	17.30	17.65	17.56	17.41	19.00
15	256QAM	36	20	17.58	17.58	17.71	17.52	17.44	19.00
15	256QAM	36	39	17.60	17.34	17.55	17.43	17.48	19.00
15	256QAM	75	0	17.61	17.58	17.70	17.58	17.38	19.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	22.63	22.63	22.68	22.64	22.57	23.70
10	QPSK	1	25	22.50	22.34	22.55	22.53	22.47	23.70
10	QPSK	1	49	22.50	22.38	22.65	22.50	22.45	23.70
10	QPSK	25	0	21.55	21.43	21.68	21.52	21.49	23.00
10	QPSK	25	12	21.43	21.40	21.60	21.45	21.46	23.00
10	QPSK	25	25	21.42	21.35	21.63	21.44	21.30	23.00
10	QPSK	50	0	21.54	21.46	21.62	21.46	21.43	23.00
10	16QAM	1	0	21.73	21.49	21.65	21.55	21.44	23.00
10	16QAM	1	25	21.53	21.47	21.63	21.55	21.48	23.00
10	16QAM	1	49	21.40	21.34	21.48	21.49	21.43	23.00
10	16QAM	25	0	20.57	20.46	20.61	20.49	20.43	22.00
10	16QAM	25	12	20.55	20.53	20.62	20.50	20.45	22.00
10	16QAM	25	25	20.57	20.42	20.54	20.45	20.38	22.00
10	16QAM	50	0	20.55	20.44	20.57	20.42	20.47	22.00
10	64QAM	1	0	20.46	20.44	20.49	20.45	20.38	22.00
10	64QAM	1	25	20.57	20.50	20.74	20.59	20.53	22.00
10	64QAM	1	49	20.51	20.48	20.63	20.66	20.51	22.00
10	64QAM	25	0	19.50	19.38	19.57	19.46	19.34	21.00
10	64QAM	25	12	19.51	19.52	19.60	19.51	19.46	21.00
10	64QAM	25	25	19.42	19.48	19.60	19.50	19.45	21.00
10	64QAM	50	0	19.45	19.44	19.62	19.52	19.42	21.00
10	256QAM	1	0	17.50	17.42	17.66	17.58	17.50	19.00
10	256QAM	1	25	17.40	17.34	17.54	17.51	17.34	19.00
10	256QAM	1	49	17.43	17.35	17.56	17.42	17.28	19.00
10	256QAM	25	0	17.54	17.37	17.59	17.45	17.45	19.00
10	256QAM	25	12	17.61	17.45	17.66	17.60	17.54	19.00
10	256QAM	25	25	17.54	17.41	17.64	17.44	17.47	19.00
10	256QAM	50	0	17.63	17.53	17.63	17.55	17.35	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	22.74	22.60	22.74	22.61	22.56	23.70
5	QPSK	1	12	22.37	22.34	22.65	22.52	22.46	23.70
5	QPSK	1	24	22.54	22.44	22.56	22.61	22.44	23.70
5	QPSK	12	0	21.55	21.48	21.67	21.46	21.45	23.00
5	QPSK	12	7	21.52	21.39	21.61	21.44	21.49	23.00
5	QPSK	12	13	21.50	21.36	21.62	21.48	21.35	23.00
5	QPSK	25	0	21.62	21.50	21.61	21.54	21.46	23.00
5	16QAM	1	0	21.60	21.47	21.67	21.48	21.46	23.00
5	16QAM	1	12	21.49	21.45	21.67	21.59	21.46	23.00
5	16QAM	1	24	21.48	21.36	21.54	21.43	21.36	23.00
5	16QAM	12	0	20.49	20.42	20.57	20.44	20.39	22.00
5	16QAM	12	7	20.50	20.55	20.58	20.50	20.46	22.00
5	16QAM	12	13	20.52	20.30	20.53	20.54	20.39	22.00
5	16QAM	25	0	20.61	20.37	20.63	20.42	20.50	22.00
5	64QAM	1	0	20.57	20.42	20.51	20.52	20.46	22.00
5	64QAM	1	12	20.60	20.45	20.65	20.60	20.54	22.00
5	64QAM	1	24	20.61	20.49	20.74	20.61	20.62	22.00
5	64QAM	12	0	19.53	19.39	19.52	19.48	19.31	21.00
5	64QAM	12	7	19.62	19.45	19.66	19.63	19.46	21.00
5	64QAM	12	13	19.40	19.46	19.61	19.54	19.47	21.00
5	64QAM	25	0	19.52	19.47	19.60	19.57	19.37	21.00
5	256QAM	1	0	17.54	17.45	17.67	17.47	17.46	19.00
5	256QAM	1	12	17.36	17.38	17.54	17.50	17.25	19.00
5	256QAM	1	24	17.46	17.34	17.53	17.43	17.25	19.00
5	256QAM	12	0	17.50	17.34	17.64	17.55	17.42	19.00
5	256QAM	12	7	17.54	17.50	17.64	17.54	17.50	19.00
5	256QAM	12	13	17.56	17.40	17.67	17.53	17.44	19.00
5	256QAM	25	0	17.62	17.54	17.65	17.57	17.37	19.00

【LTE Band 41__FCC (2496~2690MHz)_Ant

0_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	21.07	21.05	21.08	20.96	20.94	21.70
20	QPSK	1	49	20.92	20.93	21.03	20.84	20.79	21.70
20	QPSK	1	99	20.83	20.93	20.90	20.78	20.92	21.70
20	QPSK	50	0	20.92	20.90	20.99	20.90	20.79	21.70
20	QPSK	50	24	20.71	20.69	20.79	20.85	20.75	21.70
20	QPSK	50	50	20.82	20.79	20.86	20.77	20.78	21.70
20	QPSK	100	0	20.56	20.61	20.73	20.65	20.70	21.70
20	16QAM	1	0	20.75	20.70	20.87	20.78	20.81	21.70
20	16QAM	1	49	20.80	20.83	20.82	20.81	20.75	21.70
20	16QAM	1	99	20.67	20.75	20.79	20.79	20.72	21.70
20	16QAM	50	0	20.91	20.82	20.79	20.81	20.78	21.70
20	16QAM	50	24	20.90	20.89	20.81	20.97	20.88	21.70
20	16QAM	50	50	20.90	20.87	20.84	20.92	20.86	21.70
20	16QAM	100	0	20.71	20.72	20.98	20.92	20.82	21.70
20	64QAM	1	0	20.88	20.83	20.84	20.92	20.91	21.70
20	64QAM	1	49	20.81	20.78	20.84	20.90	20.95	21.70
20	64QAM	1	99	20.81	20.85	20.96	20.94	20.81	21.70
20	64QAM	50	0	19.58	19.49	19.63	19.58	19.43	21.00
20	64QAM	50	24	19.65	19.56	19.71	19.65	19.51	21.00
20	64QAM	50	50	19.53	19.53	19.67	19.61	19.52	21.00
20	64QAM	100	0	19.57	19.58	19.70	19.67	19.51	21.00
20	256QAM	1	0	17.57	17.54	17.69	17.59	17.56	19.00
20	256QAM	1	49	17.50	17.44	17.59	17.54	17.39	19.00
20	256QAM	1	99	17.49	17.44	17.61	17.48	17.39	19.00
20	256QAM	50	0	17.65	17.44	17.67	17.60	17.47	19.00
20	256QAM	50	24	17.69	17.60	17.73	17.62	17.58	19.00
20	256QAM	50	50	17.65	17.46	17.69	17.55	17.52	19.00
20	256QAM	100	0	17.64	17.61	17.71	17.64	17.49	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	21.00	20.97	21.01	20.86	20.80	21.70
15	QPSK	1	37	20.79	20.88	20.92	20.82	20.74	21.70
15	QPSK	1	74	20.75	20.87	20.80	20.74	20.80	21.70

15	QPSK	36	0	20.88	20.84	20.92	20.78	20.72	21.70
15	QPSK	36	20	20.64	20.64	20.76	20.78	20.77	21.70
15	QPSK	36	39	20.71	20.72	20.82	20.64	20.70	21.70
15	QPSK	75	0	20.46	20.52	20.63	20.57	20.59	21.70
15	16QAM	1	0	20.68	20.56	20.76	20.74	20.72	21.70
15	16QAM	1	37	20.76	20.80	20.78	20.73	20.65	21.70
15	16QAM	1	74	20.54	20.65	20.70	20.73	20.62	21.70
15	16QAM	36	0	20.77	20.73	20.65	20.69	20.65	21.70
15	16QAM	36	20	20.81	20.83	20.68	20.84	20.87	21.70
15	16QAM	36	39	20.86	20.75	20.78	20.83	20.80	21.70
15	16QAM	75	0	20.60	20.70	20.88	20.84	20.71	21.70
15	64QAM	1	0	20.79	20.73	20.77	20.90	20.78	21.70
15	64QAM	1	37	20.76	20.69	20.78	20.85	20.92	21.70
15	64QAM	1	74	20.68	20.74	20.91	20.83	20.69	21.70
15	64QAM	36	0	19.55	19.38	19.57	19.49	19.33	21.00
15	64QAM	36	20	19.63	19.54	19.64	19.60	19.46	21.00
15	64QAM	36	39	19.44	19.45	19.60	19.47	19.39	21.00
15	64QAM	75	0	19.49	19.48	19.60	19.60	19.41	21.00
15	256QAM	1	0	17.55	17.51	17.55	17.54	17.44	19.00
15	256QAM	1	37	17.47	17.43	17.56	17.49	17.28	19.00
15	256QAM	1	74	17.35	17.42	17.56	17.42	17.38	19.00
15	256QAM	36	0	17.64	17.40	17.55	17.52	17.44	19.00
15	256QAM	36	20	17.62	17.48	17.63	17.60	17.54	19.00
15	256QAM	36	39	17.52	17.31	17.56	17.42	17.38	19.00
15	256QAM	75	0	17.59	17.57	17.69	17.60	17.47	19.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	21.00	20.92	20.96	20.94	20.81	21.70
10	QPSK	1	25	20.87	20.79	20.92	20.77	20.73	21.70
10	QPSK	1	49	20.78	20.80	20.78	20.72	20.91	21.70
10	QPSK	25	0	20.85	20.80	20.85	20.76	20.72	21.70
10	QPSK	25	12	20.56	20.57	20.65	20.76	20.76	21.70
10	QPSK	25	25	20.76	20.68	20.76	20.71	20.75	21.70
10	QPSK	50	0	20.45	20.49	20.65	20.61	20.56	21.70
10	16QAM	1	0	20.72	20.62	20.81	20.68	20.74	21.70
10	16QAM	1	25	20.77	20.81	20.79	20.72	20.63	21.70
10	16QAM	1	49	20.65	20.67	20.72	20.68	20.57	21.70
10	16QAM	25	0	20.89	20.80	20.70	20.79	20.77	21.70
10	16QAM	25	12	20.88	20.84	20.68	20.96	20.86	21.70
10	16QAM	25	25	20.77	20.83	20.82	20.80	20.77	21.70
10	16QAM	50	0	20.68	20.69	20.85	20.89	20.74	21.70
10	64QAM	1	0	20.74	20.79	20.80	20.88	20.81	21.70
10	64QAM	1	25	20.71	20.69	20.82	20.77	20.88	21.70
10	64QAM	1	49	20.69	20.73	20.95	20.82	20.69	21.70
10	64QAM	25	0	19.46	19.43	19.53	19.46	19.32	21.00
10	64QAM	25	12	19.51	19.42	19.66	19.64	19.42	21.00
10	64QAM	25	25	19.45	19.44	19.60	19.52	19.42	21.00
10	64QAM	50	0	19.53	19.52	19.61	19.59	19.45	21.00
10	256QAM	1	0	17.55	17.44	17.57	17.57	17.52	19.00
10	256QAM	1	25	17.47	17.31	17.55	17.43	17.29	19.00
10	256QAM	1	49	17.39	17.34	17.46	17.38	17.29	19.00
10	256QAM	25	0	17.62	17.35	17.53	17.54	17.37	19.00
10	256QAM	25	12	17.55	17.58	17.71	17.58	17.52	19.00
10	256QAM	25	25	17.57	17.32	17.59	17.47	17.40	19.00
10	256QAM	50	0	17.50	17.58	17.65	17.62	17.43	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	20.99	21.02	21.02	20.94	20.84	21.70
5	QPSK	1	12	20.83	20.82	21.01	20.72	20.74	21.70
5	QPSK	1	24	20.76	20.88	20.80	20.68	20.85	21.70
5	QPSK	12	0	20.78	20.78	20.89	20.85	20.74	21.70
5	QPSK	12	7	20.68	20.65	20.68	20.79	20.80	21.70
5	QPSK	12	13	20.71	20.70	20.83	20.70	20.70	21.70
5	QPSK	25	0	20.50	20.46	20.68	20.64	20.60	21.70
5	16QAM	1	0	20.72	20.61	20.81	20.65	20.77	21.70
5	16QAM	1	12	20.65	20.76	20.76	20.67	20.67	21.70
5	16QAM	1	24	20.66	20.65	20.71	20.70	20.63	21.70
5	16QAM	12	0	20.88	20.75	20.65	20.70	20.65	21.70
5	16QAM	12	7	20.80	20.74	20.67	20.89	20.87	21.70
5	16QAM	12	13	20.83	20.81	20.83	20.83	20.71	21.70
5	16QAM	25	0	20.70	20.71	20.95	20.82	20.72	21.70
5	64QAM	1	0	20.78	20.68	20.79	20.88	20.84	21.70
5	64QAM	1	12	20.80	20.66	20.82	20.78	20.89	21.70
5	64QAM	1	24	20.76	20.82	20.82	20.91	20.68	21.70
5	64QAM	12	0	19.55	19.35	19.55	19.53	19.35	21.00
5	64QAM	12	7	19.50	19.49	19.70	19.55	19.37	21.00

5	64QAM	12	13	19.51	19.45	19.61	19.52	19.48	21.00
5	64QAM	25	0	19.48	19.50	19.59	19.59	19.39	21.00
5	256QAM	1	0	17.50	17.43	17.57	17.51	17.55	19.00
5	256QAM	1	12	17.46	17.31	17.51	17.52	17.28	19.00
5	256QAM	1	24	17.42	17.33	17.54	17.39	17.26	19.00
5	256QAM	12	0	17.60	17.38	17.56	17.49	17.33	19.00
5	256QAM	12	7	17.59	17.51	17.66	17.49	17.50	19.00
5	256QAM	12	13	17.56	17.42	17.58	17.43	17.38	19.00
5	256QAM	25	0	17.62	17.49	17.65	17.53	17.45	19.00

【LTE Band 41_FCC (2496~2690MHz)_Ant

1_Full Power】

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	23.25	23.07	23.37	23.34	23.12	24.00
20	QPSK	1	49	23.00	23.00	23.11	23.00	23.01	24.00
20	QPSK	1	99	23.01	23.00	23.19	23.03	23.01	24.00
20	QPSK	50	0	22.05	22.01	22.24	22.18	22.07	23.00
20	QPSK	50	24	22.01	22.00	22.22	22.09	22.00	23.00
20	QPSK	50	50	22.04	22.00	22.19	22.04	22.00	23.00
20	QPSK	100	0	22.07	22.01	22.20	22.14	22.00	23.00
20	16QAM	1	0	22.06	22.00	22.28	22.20	22.02	23.00
20	16QAM	1	49	22.00	22.00	22.12	22.04	22.02	23.00
20	16QAM	1	99	22.00	22.00	22.10	22.01	22.01	23.00
20	16QAM	50	0	21.00	21.00	21.16	21.06	21.01	22.00
20	16QAM	50	24	21.01	21.00	21.23	21.06	21.00	22.00
20	16QAM	50	50	21.09	21.00	21.22	21.09	21.00	22.00
20	16QAM	100	0	21.01	21.02	21.22	21.18	21.01	22.00
20	64QAM	1	0	21.15	21.00	21.30	21.21	21.03	22.00
20	64QAM	1	49	21.01	21.01	21.24	21.07	21.00	22.00
20	64QAM	1	99	21.21	21.09	21.44	21.36	21.07	22.00
20	64QAM	50	0	20.06	20.00	20.19	20.15	20.00	21.00
20	64QAM	50	24	20.05	20.00	20.23	20.17	20.01	21.00
20	64QAM	50	50	20.00	20.00	20.21	20.05	20.02	21.00
20	64QAM	100	0	20.12	20.01	20.26	20.11	20.02	21.00
20	256QAM	1	0	18.02	18.00	18.11	18.00	18.00	19.00
20	256QAM	1	49	18.00	18.02	18.10	18.06	18.01	19.00
20	256QAM	1	99	18.08	18.01	18.20	18.08	18.00	19.00
20	256QAM	50	0	18.07	18.00	18.17	18.01	18.00	19.00
20	256QAM	50	24	18.09	18.01	18.25	18.16	18.00	19.00
20	256QAM	50	50	18.10	18.00	18.21	18.14	18.01	19.00
20	256QAM	100	0	18.04	18.02	18.25	18.18	18.00	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	23.10	23.00	23.22	23.26	23.07	24.00
15	QPSK	1	37	23.01	23.00	23.08	23.01	23.01	24.00
15	QPSK	1	74	23.01	23.01	23.05	23.00	23.01	24.00
15	QPSK	36	0	22.00	22.00	22.11	22.11	22.01	23.00
15	QPSK	36	20	22.00	22.01	22.14	22.01	22.01	23.00
15	QPSK	36	39	22.00	22.01	22.17	22.01	22.00	23.00
15	QPSK	75	0	22.05	22.01	22.15	22.06	22.02	23.00
15	16QAM	1	0	22.00	22.00	22.13	22.05	22.02	23.00
15	16QAM	1	37	22.00	22.01	22.04	22.02	22.01	23.00
15	16QAM	1	74	22.01	22.00	22.06	22.02	22.00	23.00
15	16QAM	36	0	21.01	21.02	21.06	21.00	21.00	22.00
15	16QAM	36	20	21.00	21.01	21.14	21.00	21.00	22.00
15	16QAM	36	39	21.00	21.00	21.15	21.01	21.01	22.00
15	16QAM	75	0	21.01	21.00	21.16	21.16	21.01	22.00
15	64QAM	1	0	21.06	21.01	21.16	21.18	21.00	22.00
15	64QAM	1	37	21.00	21.02	21.11	21.02	21.00	22.00
15	64QAM	1	74	21.12	21.04	21.32	21.25	21.03	22.00
15	64QAM	36	0	20.00	20.00	20.07	20.03	20.00	21.00
15	64QAM	36	20	20.01	20.01	20.16	20.11	20.00	21.00
15	64QAM	36	39	20.01	20.00	20.08	20.00	20.01	21.00
15	64QAM	75	0	20.00	20.00	20.22	20.02	20.00	21.00
15	256QAM	1	0	18.00	18.00	18.02	18.00	18.01	19.00
15	256QAM	1	37	18.00	18.01	18.00	18.01	18.00	19.00
15	256QAM	1	74	18.03	18.01	18.13	18.00	18.01	19.00
15	256QAM	36	0	18.02	18.00	18.16	18.02	18.01	19.00

15	256QAM	36	20	18.01	18.01	18.23	18.03	18.00	19.00
15	256QAM	36	39	18.01	18.00	18.07	18.06	18.01	19.00
15	256QAM	75	0	18.01	18.01	18.20	18.10	18.01	19.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	23.13	23.01	23.25	23.21	23.02	24.00
10	QPSK	1	25	23.01	23.00	23.08	23.00	23.00	24.00
10	QPSK	1	49	23.00	23.01	23.04	23.00	23.01	24.00
10	QPSK	25	0	22.01	22.00	22.09	22.06	22.00	23.00
10	QPSK	25	12	22.00	22.00	22.09	22.08	22.02	23.00
10	QPSK	25	25	22.00	22.00	22.07	22.00	22.00	23.00
10	QPSK	50	0	22.03	22.00	22.06	22.00	22.00	23.00
10	16QAM	1	0	22.00	22.00	22.22	22.11	22.02	23.00
10	16QAM	1	25	22.02	22.00	22.07	22.01	22.01	23.00
10	16QAM	1	49	22.02	22.00	22.05	22.00	22.01	23.00
10	16QAM	25	0	21.02	21.01	21.15	21.03	21.01	22.00
10	16QAM	25	12	21.00	21.00	21.11	21.00	21.00	22.00
10	16QAM	25	25	21.00	21.00	21.14	21.00	21.00	22.00
10	16QAM	50	0	21.01	21.02	21.08	21.11	21.00	22.00
10	64QAM	1	0	21.10	21.01	21.24	21.17	21.00	22.00
10	64QAM	1	25	21.01	21.00	21.22	21.00	21.02	22.00
10	64QAM	1	49	21.13	21.01	21.41	21.28	21.00	22.00
10	64QAM	25	0	20.01	20.00	20.12	20.05	20.01	21.00
10	64QAM	25	12	20.00	20.01	20.10	20.13	20.00	21.00
10	64QAM	25	25	20.02	20.00	20.18	20.00	20.00	21.00
10	64QAM	50	0	20.03	20.00	20.21	20.00	20.01	21.00
10	256QAM	1	0	18.00	18.00	18.06	18.01	18.01	19.00
10	256QAM	1	25	18.00	18.02	18.01	18.00	18.00	19.00
10	256QAM	1	49	18.05	18.02	18.06	18.06	18.00	19.00
10	256QAM	25	0	18.02	18.01	18.02	18.00	18.00	19.00
10	256QAM	25	12	18.00	18.00	18.13	18.09	18.01	19.00
10	256QAM	25	25	18.03	18.00	18.06	18.11	18.01	19.00
10	256QAM	50	0	18.00	18.01	18.18	18.10	18.01	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	23.22	23.00	23.27	23.21	23.01	24.00
5	QPSK	1	12	23.01	23.00	23.03	23.00	23.00	24.00
5	QPSK	1	24	23.01	23.01	23.10	23.00	23.00	24.00
5	QPSK	12	0	22.00	22.00	22.17	22.07	22.00	23.00
5	QPSK	12	7	22.01	22.00	22.10	22.01	22.00	23.00
5	QPSK	12	13	22.02	22.00	22.09	22.00	22.00	23.00
5	QPSK	25	0	22.02	22.00	22.09	22.00	22.02	23.00
5	16QAM	1	0	22.01	22.00	22.16	22.06	22.01	23.00
5	16QAM	1	12	22.00	22.00	22.09	22.00	22.00	23.00
5	16QAM	1	24	22.00	22.01	22.01	22.01	22.00	23.00
5	16QAM	12	0	21.00	21.00	21.03	21.00	21.01	22.00
5	16QAM	12	7	21.00	21.00	21.11	21.00	21.02	22.00
5	16QAM	12	13	21.07	21.02	21.21	21.00	21.02	22.00
5	16QAM	25	0	21.00	21.01	21.15	21.08	21.01	22.00
5	64QAM	1	0	21.02	21.01	21.17	21.06	21.00	22.00
5	64QAM	1	12	21.00	21.01	21.14	21.01	21.01	22.00
5	64QAM	1	24	21.12	21.07	21.42	21.23	21.03	22.00
5	64QAM	12	0	20.01	20.01	20.05	20.05	20.00	21.00
5	64QAM	12	7	20.00	20.01	20.12	20.13	20.01	21.00
5	64QAM	12	13	20.00	20.00	20.10	20.00	20.00	21.00
5	64QAM	25	0	20.06	20.00	20.22	20.01	20.01	21.00
5	256QAM	1	0	18.00	18.00	18.01	18.00	18.02	19.00
5	256QAM	1	12	18.00	18.01	18.00	18.00	18.01	19.00
5	256QAM	1	24	18.00	18.01	18.17	18.01	18.01	19.00
5	256QAM	12	0	18.00	18.00	18.06	18.01	18.00	19.00
5	256QAM	12	7	18.02	18.01	18.12	18.06	18.01	19.00
5	256QAM	12	13	18.01	18.01	18.18	18.01	18.01	19.00
5	256QAM	25	0	18.00	18.02	18.19	18.06	18.00	19.00

【LTE Band 41__FCC (2496~2690MHz)_Ant

1_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	18.10
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	17.36	17.41	17.56	17.45	17.43	18.10
20	QPSK	1	49	17.35	17.30	17.48	17.24	17.40	18.10
20	QPSK	1	99	17.33	17.30	17.44	17.40	17.36	18.10
20	QPSK	50	0	17.35	17.43	17.50	17.44	17.40	18.10
20	QPSK	50	24	17.34	17.33	17.44	17.38	17.39	18.10
20	QPSK	50	50	17.33	17.33	17.36	17.34	17.35	18.10
20	QPSK	100	0	17.35	17.42	17.38	17.40	17.27	18.10
20	16QAM	1	0	17.38	17.41	17.45	17.41	17.38	18.10
20	16QAM	1	49	17.27	17.24	17.36	17.43	17.39	18.10
20	16QAM	1	99	17.25	17.42	17.45	17.23	17.24	18.10
20	16QAM	50	0	17.42	17.19	17.44	17.43	17.30	18.10
20	16QAM	50	24	17.34	17.35	17.53	17.41	17.25	18.10
20	16QAM	50	50	17.27	17.39	17.52	17.26	17.37	18.10
20	16QAM	100	0	17.34	17.37	17.50	17.42	17.42	18.10
20	64QAM	1	0	17.26	17.37	17.52	17.31	17.30	18.10
20	64QAM	1	49	17.37	17.32	17.41	17.27	17.43	18.10
20	64QAM	1	99	17.43	17.30	17.48	17.24	17.40	18.10
20	64QAM	50	0	17.43	17.30	17.44	17.40	17.46	18.10
20	64QAM	50	24	17.35	17.23	17.50	17.44	17.30	18.10
20	64QAM	50	50	17.34	17.33	17.44	17.38	17.39	18.10
20	64QAM	100	0	17.43	17.33	17.36	17.34	17.45	18.10
20	256QAM	1	0	17.35	17.42	17.38	17.40	17.27	18.10
20	256QAM	1	49	17.38	17.41	17.45	17.41	17.38	18.10
20	256QAM	1	99	17.27	17.24	17.36	17.43	17.39	18.10
20	256QAM	50	0	17.25	17.42	17.45	17.23	17.24	18.10
20	256QAM	50	24	17.42	17.19	17.44	17.43	17.30	18.10
20	256QAM	50	50	17.34	17.35	17.53	17.41	17.25	18.10
20	256QAM	100	0	17.27	17.39	17.52	17.26	17.37	18.10
Channel				39725	40173	40620	41068	41515	18.10
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	17.33	17.39	17.51	17.42	17.31	18.10
15	QPSK	1	37	17.34	17.24	17.42	17.11	17.27	18.10
15	QPSK	1	74	17.34	17.18	17.41	17.25	17.37	18.10
15	QPSK	36	0	17.31	17.09	17.43	17.36	17.24	18.10
15	QPSK	36	20	17.31	17.19	17.34	17.27	17.37	18.10
15	QPSK	36	39	17.31	17.19	17.29	17.22	17.37	18.10
15	QPSK	75	0	17.24	17.34	17.31	17.36	17.21	18.10
15	16QAM	1	0	17.24	17.27	17.43	17.33	17.24	18.10
15	16QAM	1	37	17.25	17.22	17.33	17.42	17.36	18.10
15	16QAM	1	74	17.12	17.32	17.36	17.15	17.09	18.10
15	16QAM	36	0	17.37	17.14	17.39	17.39	17.28	18.10
15	16QAM	36	20	17.28	17.20	17.42	17.31	17.11	18.10
15	16QAM	36	39	17.24	17.36	17.51	17.20	17.24	18.10
15	16QAM	75	0	17.24	17.26	17.43	17.30	17.35	18.10
15	64QAM	1	0	17.15	17.29	17.43	17.21	17.28	18.10
15	64QAM	1	37	17.36	17.23	17.30	17.26	17.38	18.10
15	64QAM	1	74	17.30	17.15	17.42	17.12	17.30	18.10
15	64QAM	36	0	17.30	17.27	17.34	17.38	17.41	18.10
15	64QAM	36	20	17.28	17.20	17.36	17.41	17.16	18.10
15	64QAM	36	39	17.28	17.30	17.42	17.23	17.26	18.10
15	64QAM	75	0	17.42	17.21	17.22	17.32	17.43	18.10
15	256QAM	1	0	17.31	17.30	17.24	17.34	17.22	18.10
15	256QAM	1	37	17.28	17.33	17.37	17.26	17.30	18.10
15	256QAM	1	74	17.12	17.19	17.25	17.38	17.27	18.10
15	256QAM	36	0	17.20	17.28	17.41	17.19	17.17	18.10
15	256QAM	36	20	17.28	17.06	17.38	17.37	17.29	18.10
15	256QAM	36	39	17.24	17.26	17.42	17.28	17.12	18.10
15	256QAM	75	0	17.20	17.25	17.46	17.17	17.26	18.10
Channel				39700	40160	40620	41080	41540	18.10
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	17.29	17.37	17.49	17.44	17.30	18.10
10	QPSK	1	25	17.35	17.17	17.43	17.11	17.31	18.10
10	QPSK	1	49	17.29	17.15	17.34	17.25	17.36	18.10
10	QPSK	25	0	17.22	17.15	17.40	17.41	17.27	18.10
10	QPSK	25	12	17.27	17.31	17.42	17.35	17.34	18.10
10	QPSK	25	25	17.31	17.26	17.28	17.32	17.37	18.10

10	QPSK	50	0	17.21	17.39	17.34	17.28	17.16	18.10
10	16QAM	1	0	17.25	17.36	17.40	17.38	17.26	18.10
10	16QAM	1	25	17.16	17.18	17.30	17.30	17.30	18.10
10	16QAM	1	49	17.12	17.30	17.31	17.10	17.18	18.10
10	16QAM	25	0	17.39	17.09	17.29	17.38	17.25	18.10
10	16QAM	25	12	17.33	17.32	17.49	17.26	17.20	18.10
10	16QAM	25	25	17.21	17.26	17.44	17.21	17.32	18.10
10	16QAM	50	0	17.32	17.32	17.48	17.31	17.33	18.10
10	64QAM	1	0	17.19	17.31	17.37	17.29	17.20	18.10
10	64QAM	1	25	17.26	17.22	17.39	17.15	17.38	18.10
10	64QAM	1	49	17.41	17.17	17.45	17.10	17.26	18.10
10	64QAM	25	0	17.41	17.20	17.35	17.26	17.43	18.10
10	64QAM	25	12	17.30	17.10	17.42	17.41	17.15	18.10
10	64QAM	25	25	17.24	17.29	17.31	17.30	17.29	18.10
10	64QAM	50	0	17.30	17.28	17.33	17.21	17.36	18.10
10	256QAM	1	0	17.31	17.35	17.32	17.28	17.16	18.10
10	256QAM	1	25	17.36	17.29	17.30	17.39	17.28	18.10
10	256QAM	1	49	17.13	17.09	17.30	17.36	17.36	18.10
10	256QAM	25	0	17.18	17.29	17.34	17.22	17.13	18.10
10	256QAM	25	12	17.34	17.10	17.40	17.40	17.17	18.10
10	256QAM	25	25	17.23	17.25	17.51	17.39	17.12	18.10
10	256QAM	50	0	17.26	17.31	17.49	17.11	17.26	18.10
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	17.24	17.29	17.46	17.35	17.33	18.10
5	QPSK	1	12	17.41	17.24	17.37	17.16	17.30	18.10
5	QPSK	1	24	17.40	17.18	17.30	17.38	17.33	18.10
5	QPSK	12	0	17.32	17.14	17.40	17.42	17.28	18.10
5	QPSK	12	7	17.22	17.23	17.33	17.34	17.28	18.10
5	QPSK	12	13	17.41	17.28	17.32	17.23	17.39	18.10
5	QPSK	25	0	17.28	17.27	17.36	17.30	17.19	18.10
5	16QAM	1	0	17.25	17.31	17.30	17.28	17.31	18.10
5	16QAM	1	12	17.17	17.18	17.23	17.33	17.30	18.10
5	16QAM	1	24	17.14	17.31	17.31	17.20	17.22	18.10
5	16QAM	12	0	17.34	17.15	17.34	17.40	17.25	18.10
5	16QAM	12	7	17.21	17.26	17.46	17.27	17.10	18.10
5	16QAM	12	13	17.16	17.27	17.49	17.16	17.24	18.10
5	16QAM	25	0	17.23	17.30	17.42	17.31	17.29	18.10
5	64QAM	1	0	17.18	17.35	17.47	17.26	17.26	18.10
5	64QAM	1	12	17.24	17.18	17.28	17.17	17.31	18.10
5	64QAM	1	24	17.32	17.17	17.36	17.16	17.37	18.10
5	64QAM	12	0	17.29	17.28	17.39	17.36	17.34	18.10
5	64QAM	12	7	17.27	17.19	17.43	17.36	17.20	18.10
5	64QAM	12	13	17.32	17.24	17.39	17.25	17.35	18.10
5	64QAM	25	0	17.37	17.31	17.32	17.28	17.31	18.10
5	256QAM	1	0	17.25	17.32	17.35	17.37	17.17	18.10
5	256QAM	1	12	17.24	17.40	17.42	17.27	17.30	18.10
5	256QAM	1	24	17.17	17.23	17.23	17.41	17.36	18.10
5	256QAM	12	0	17.14	17.41	17.34	17.16	17.12	18.10
5	256QAM	12	7	17.38	17.08	17.32	17.31	17.20	18.10
5	256QAM	12	13	17.23	17.30	17.42	17.37	17.11	18.10
5	256QAM	25	0	17.19	17.37	17.44	17.15	17.33	18.10

【LTE Band 41_FCC (2496~2690MHz)_Ant

1_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	17.44	17.41	17.56	17.45	17.47	18.50
20	QPSK	1	49	17.43	17.30	17.48	17.24	17.40	18.50
20	QPSK	1	99	17.43	17.30	17.44	17.40	17.46	18.50
20	QPSK	50	0	17.35	17.46	17.50	17.44	17.46	18.50
20	QPSK	50	24	17.34	17.33	17.44	17.38	17.39	18.50
20	QPSK	50	50	17.33	17.33	17.36	17.34	17.45	18.50
20	QPSK	100	0	17.35	17.42	17.38	17.40	17.27	18.50
20	16QAM	1	0	17.38	17.41	17.45	17.41	17.38	18.50
20	16QAM	1	49	17.27	17.24	17.36	17.43	17.39	18.50
20	16QAM	1	99	17.25	17.42	17.45	17.23	17.24	18.50
20	16QAM	50	0	17.42	17.19	17.44	17.43	17.30	18.50
20	16QAM	50	24	17.34	17.35	17.53	17.41	17.25	18.50

20	16QAM	50	50	17.27	17.39	17.52	17.26	17.37	18.50
20	16QAM	100	0	17.34	17.37	17.50	17.42	17.42	18.50
20	64QAM	1	0	17.26	17.37	17.52	17.31	17.30	18.50
20	64QAM	1	49	17.37	17.32	17.41	17.27	17.43	18.50
20	64QAM	1	99	17.43	17.30	17.48	17.24	17.40	18.50
20	64QAM	50	0	17.43	17.30	17.44	17.40	17.46	18.50
20	64QAM	50	24	17.35	17.23	17.50	17.44	17.30	18.50
20	64QAM	50	50	17.34	17.33	17.44	17.38	17.39	18.50
20	64QAM	100	0	17.43	17.33	17.36	17.34	17.45	18.50
20	256QAM	1	0	17.35	17.42	17.38	17.40	17.27	18.50
20	256QAM	1	49	17.38	17.41	17.45	17.41	17.38	18.50
20	256QAM	1	99	17.27	17.24	17.36	17.43	17.39	18.50
20	256QAM	50	0	17.25	17.42	17.45	17.23	17.24	18.50
20	256QAM	50	24	17.42	17.19	17.44	17.43	17.30	18.50
20	256QAM	50	50	17.34	17.35	17.53	17.41	17.25	18.50
20	256QAM	100	0	17.27	17.39	17.52	17.26	17.37	18.50
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	17.33	17.39	17.51	17.42	17.31	18.50
15	QPSK	1	37	17.34	17.24	17.42	17.11	17.27	18.50
15	QPSK	1	74	17.34	17.18	17.41	17.25	17.37	18.50
15	QPSK	36	0	17.31	17.09	17.43	17.36	17.24	18.50
15	QPSK	36	20	17.31	17.19	17.34	17.27	17.37	18.50
15	QPSK	36	39	17.31	17.19	17.29	17.22	17.37	18.50
15	QPSK	75	0	17.24	17.34	17.31	17.36	17.21	18.50
15	16QAM	1	0	17.24	17.27	17.43	17.33	17.24	18.50
15	16QAM	1	37	17.25	17.22	17.33	17.42	17.36	18.50
15	16QAM	1	74	17.12	17.32	17.36	17.15	17.09	18.50
15	16QAM	36	0	17.37	17.14	17.39	17.39	17.28	18.50
15	16QAM	36	20	17.28	17.20	17.42	17.31	17.11	18.50
15	16QAM	36	39	17.24	17.36	17.51	17.20	17.24	18.50
15	16QAM	75	0	17.24	17.26	17.43	17.30	17.35	18.50
15	64QAM	1	0	17.15	17.29	17.43	17.21	17.28	18.50
15	64QAM	1	37	17.36	17.23	17.30	17.26	17.38	18.50
15	64QAM	1	74	17.30	17.15	17.42	17.12	17.30	18.50
15	64QAM	36	0	17.30	17.27	17.34	17.38	17.41	18.50
15	64QAM	36	20	17.28	17.20	17.36	17.41	17.16	18.50
15	64QAM	36	39	17.28	17.30	17.42	17.23	17.26	18.50
15	64QAM	75	0	17.42	17.21	17.22	17.32	17.43	18.50
15	256QAM	1	0	17.31	17.30	17.24	17.34	17.22	18.50
15	256QAM	1	37	17.28	17.33	17.37	17.26	17.30	18.50
15	256QAM	1	74	17.12	17.19	17.25	17.38	17.27	18.50
15	256QAM	36	0	17.20	17.28	17.41	17.19	17.17	18.50
15	256QAM	36	20	17.28	17.06	17.38	17.37	17.29	18.50
15	256QAM	36	39	17.24	17.26	17.42	17.28	17.12	18.50
15	256QAM	75	0	17.20	17.25	17.46	17.17	17.26	18.50
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	17.29	17.37	17.49	17.44	17.30	18.50
10	QPSK	1	25	17.35	17.17	17.43	17.11	17.31	18.50
10	QPSK	1	49	17.29	17.15	17.34	17.25	17.36	18.50
10	QPSK	25	0	17.22	17.15	17.40	17.41	17.27	18.50
10	QPSK	25	12	17.27	17.31	17.42	17.35	17.34	18.50
10	QPSK	25	25	17.31	17.26	17.28	17.32	17.37	18.50
10	QPSK	50	0	17.21	17.39	17.34	17.28	17.16	18.50
10	16QAM	1	0	17.25	17.36	17.40	17.38	17.26	18.50
10	16QAM	1	25	17.16	17.18	17.30	17.30	17.30	18.50
10	16QAM	1	49	17.12	17.30	17.31	17.10	17.18	18.50
10	16QAM	25	0	17.39	17.09	17.29	17.38	17.25	18.50
10	16QAM	25	12	17.33	17.32	17.49	17.26	17.20	18.50
10	16QAM	25	25	17.21	17.26	17.44	17.21	17.32	18.50
10	16QAM	50	0	17.32	17.32	17.48	17.31	17.33	18.50
10	64QAM	1	0	17.19	17.31	17.37	17.29	17.20	18.50
10	64QAM	1	25	17.26	17.22	17.39	17.15	17.38	18.50
10	64QAM	1	49	17.41	17.17	17.45	17.10	17.26	18.50
10	64QAM	25	0	17.41	17.20	17.35	17.26	17.43	18.50
10	64QAM	25	12	17.30	17.10	17.42	17.41	17.15	18.50
10	64QAM	25	25	17.24	17.29	17.31	17.30	17.29	18.50
10	64QAM	50	0	17.30	17.28	17.33	17.21	17.36	18.50
10	256QAM	1	0	17.31	17.35	17.32	17.28	17.16	18.50
10	256QAM	1	25	17.36	17.29	17.30	17.39	17.28	18.50
10	256QAM	1	49	17.13	17.09	17.30	17.36	17.36	18.50
10	256QAM	25	0	17.18	17.29	17.34	17.22	17.13	18.50
10	256QAM	25	12	17.34	17.10	17.40	17.40	17.17	18.50
10	256QAM	25	25	17.23	17.25	17.51	17.39	17.12	18.50
10	256QAM	50	0	17.26	17.31	17.49	17.11	17.26	18.50

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	17.24	17.29	17.46	17.35	17.33	18.50
5	QPSK	1	12	17.41	17.24	17.37	17.16	17.30	18.50
5	QPSK	1	24	17.40	17.18	17.30	17.38	17.33	18.50
5	QPSK	12	0	17.32	17.14	17.40	17.42	17.28	18.50
5	QPSK	12	7	17.22	17.23	17.33	17.34	17.28	18.50
5	QPSK	12	13	17.41	17.28	17.32	17.23	17.39	18.50
5	QPSK	25	0	17.28	17.27	17.36	17.30	17.19	18.50
5	16QAM	1	0	17.25	17.31	17.30	17.28	17.31	18.50
5	16QAM	1	12	17.17	17.18	17.23	17.33	17.30	18.50
5	16QAM	1	24	17.14	17.31	17.31	17.20	17.22	18.50
5	16QAM	12	0	17.34	17.15	17.34	17.40	17.25	18.50
5	16QAM	12	7	17.21	17.26	17.46	17.27	17.10	18.50
5	16QAM	12	13	17.16	17.27	17.49	17.16	17.24	18.50
5	16QAM	25	0	17.23	17.30	17.42	17.31	17.29	18.50
5	64QAM	1	0	17.18	17.35	17.47	17.26	17.26	18.50
5	64QAM	1	12	17.24	17.18	17.28	17.17	17.31	18.50
5	64QAM	1	24	17.32	17.17	17.36	17.16	17.37	18.50
5	64QAM	12	0	17.29	17.28	17.39	17.36	17.34	18.50
5	64QAM	12	7	17.27	17.19	17.43	17.36	17.20	18.50
5	64QAM	12	13	17.32	17.24	17.39	17.25	17.35	18.50
5	64QAM	25	0	17.37	17.31	17.32	17.28	17.31	18.50
5	256QAM	1	0	17.25	17.32	17.35	17.37	17.17	18.50
5	256QAM	1	12	17.24	17.40	17.42	17.27	17.30	18.50
5	256QAM	1	24	17.17	17.23	17.23	17.41	17.36	18.50
5	256QAM	12	0	17.14	17.41	17.34	17.16	17.12	18.50
5	256QAM	12	7	17.38	17.08	17.32	17.31	17.20	18.50
5	256QAM	12	13	17.23	17.30	17.42	17.37	17.11	18.50
5	256QAM	25	0	17.19	17.37	17.44	17.15	17.33	18.50

【LTE Band 41__FCC (2496~2690MHz)_Ant

1_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	23.25	23.07	23.37	23.34	23.12	24.00
20	QPSK	1	49	23.00	23.00	23.11	23.00	23.01	24.00
20	QPSK	1	99	23.01	23.00	23.19	23.03	23.01	24.00
20	QPSK	50	0	22.05	22.01	22.24	22.18	22.07	23.00
20	QPSK	50	24	22.01	22.00	22.22	22.09	22.00	23.00
20	QPSK	50	50	22.04	22.00	22.19	22.04	22.00	23.00
20	QPSK	100	0	22.07	22.01	22.20	22.14	22.00	23.00
20	16QAM	1	0	22.06	22.00	22.28	22.20	22.02	23.00
20	16QAM	1	49	22.00	22.00	22.12	22.04	22.02	23.00
20	16QAM	1	99	22.00	22.00	22.10	22.01	22.01	23.00
20	16QAM	50	0	21.00	21.00	21.16	21.06	21.01	22.00
20	16QAM	50	24	21.01	21.00	21.23	21.06	21.00	22.00
20	16QAM	50	50	21.09	21.00	21.22	21.09	21.00	22.00
20	16QAM	100	0	21.01	21.02	21.22	21.18	21.01	22.00
20	64QAM	1	0	21.15	21.00	21.30	21.21	21.03	22.00
20	64QAM	1	49	21.01	21.01	21.24	21.07	21.00	22.00
20	64QAM	1	99	21.21	21.09	21.44	21.36	21.07	22.00
20	64QAM	50	0	20.06	20.00	20.19	20.15	20.00	21.00
20	64QAM	50	24	20.05	20.00	20.23	20.17	20.01	21.00
20	64QAM	50	50	20.00	20.00	20.21	20.05	20.02	21.00
20	64QAM	100	0	20.12	20.01	20.26	20.11	20.02	21.00
20	256QAM	1	0	18.02	18.00	18.11	18.00	18.00	19.00
20	256QAM	1	49	18.00	18.02	18.10	18.06	18.01	19.00
20	256QAM	1	99	18.08	18.01	18.20	18.08	18.00	19.00
20	256QAM	50	0	18.07	18.00	18.17	18.01	18.00	19.00
20	256QAM	50	24	18.09	18.01	18.25	18.16	18.00	19.00
20	256QAM	50	50	18.10	18.00	18.21	18.14	18.01	19.00
20	256QAM	100	0	18.04	18.02	18.25	18.18	18.00	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	23.10	23.00	23.22	23.26	23.07	24.00
15	QPSK	1	37	23.01	23.00	23.08	23.01	23.01	24.00
15	QPSK	1	74	23.01	23.01	23.05	23.00	23.01	24.00

15	QPSK	36	0	22.00	22.00	22.11	22.11	22.01	23.00
15	QPSK	36	20	22.00	22.01	22.14	22.01	22.01	23.00
15	QPSK	36	39	22.00	22.01	22.17	22.01	22.00	23.00
15	QPSK	75	0	22.05	22.01	22.15	22.06	22.02	23.00
15	16QAM	1	0	22.00	22.00	22.13	22.05	22.02	23.00
15	16QAM	1	37	22.00	22.01	22.04	22.02	22.01	23.00
15	16QAM	1	74	22.01	22.00	22.06	22.02	22.00	23.00
15	16QAM	36	0	21.01	21.02	21.06	21.00	21.00	22.00
15	16QAM	36	20	21.00	21.01	21.14	21.00	21.00	22.00
15	16QAM	36	39	21.00	21.00	21.15	21.01	21.01	22.00
15	16QAM	75	0	21.01	21.00	21.16	21.16	21.01	22.00
15	64QAM	1	0	21.06	21.01	21.16	21.18	21.00	22.00
15	64QAM	1	37	21.00	21.02	21.11	21.02	21.00	22.00
15	64QAM	1	74	21.12	21.04	21.32	21.25	21.03	22.00
15	64QAM	36	0	20.00	20.00	20.07	20.03	20.00	21.00
15	64QAM	36	20	20.01	20.01	20.16	20.11	20.00	21.00
15	64QAM	36	39	20.01	20.00	20.08	20.00	20.01	21.00
15	64QAM	75	0	20.00	20.00	20.22	20.02	20.00	21.00
15	256QAM	1	0	18.00	18.00	18.02	18.00	18.01	19.00
15	256QAM	1	37	18.00	18.01	18.00	18.01	18.00	19.00
15	256QAM	1	74	18.03	18.01	18.13	18.00	18.01	19.00
15	256QAM	36	0	18.02	18.00	18.16	18.02	18.01	19.00
15	256QAM	36	20	18.01	18.01	18.23	18.03	18.00	19.00
15	256QAM	36	39	18.01	18.00	18.07	18.06	18.01	19.00
15	256QAM	75	0	18.01	18.01	18.20	18.10	18.01	19.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	23.13	23.01	23.25	23.21	23.02	24.00
10	QPSK	1	25	23.01	23.00	23.08	23.00	23.00	24.00
10	QPSK	1	49	23.00	23.01	23.04	23.00	23.01	24.00
10	QPSK	25	0	22.01	22.00	22.09	22.06	22.00	23.00
10	QPSK	25	12	22.00	22.00	22.09	22.08	22.02	23.00
10	QPSK	25	25	22.00	22.00	22.07	22.00	22.00	23.00
10	QPSK	50	0	22.03	22.00	22.06	22.00	22.00	23.00
10	16QAM	1	0	22.00	22.00	22.22	22.11	22.02	23.00
10	16QAM	1	25	22.02	22.00	22.07	22.01	22.01	23.00
10	16QAM	1	49	22.02	22.00	22.05	22.00	22.01	23.00
10	16QAM	25	0	21.02	21.01	21.15	21.03	21.01	22.00
10	16QAM	25	12	21.00	21.00	21.11	21.00	21.00	22.00
10	16QAM	25	25	21.00	21.00	21.14	21.00	21.00	22.00
10	16QAM	50	0	21.01	21.02	21.08	21.11	21.00	22.00
10	64QAM	1	0	21.10	21.01	21.24	21.17	21.00	22.00
10	64QAM	1	25	21.01	21.00	21.22	21.00	21.02	22.00
10	64QAM	1	49	21.13	21.01	21.41	21.28	21.00	22.00
10	64QAM	25	0	20.01	20.00	20.12	20.05	20.01	21.00
10	64QAM	25	12	20.00	20.01	20.10	20.13	20.00	21.00
10	64QAM	25	25	20.02	20.00	20.18	20.00	20.00	21.00
10	64QAM	50	0	20.03	20.00	20.21	20.00	20.01	21.00
10	256QAM	1	0	18.00	18.00	18.06	18.01	18.01	19.00
10	256QAM	1	25	18.00	18.02	18.01	18.00	18.00	19.00
10	256QAM	1	49	18.05	18.02	18.06	18.06	18.00	19.00
10	256QAM	25	0	18.02	18.01	18.02	18.00	18.00	19.00
10	256QAM	25	12	18.00	18.00	18.13	18.09	18.01	19.00
10	256QAM	25	25	18.03	18.00	18.06	18.11	18.01	19.00
10	256QAM	50	0	18.00	18.01	18.18	18.10	18.01	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	23.22	23.00	23.27	23.21	23.01	24.00
5	QPSK	1	12	23.01	23.00	23.03	23.00	23.00	24.00
5	QPSK	1	24	23.01	23.01	23.10	23.00	23.00	24.00
5	QPSK	12	0	22.00	22.00	22.17	22.07	22.00	23.00
5	QPSK	12	7	22.01	22.00	22.10	22.01	22.00	23.00
5	QPSK	12	13	22.02	22.00	22.09	22.00	22.00	23.00
5	QPSK	25	0	22.02	22.00	22.09	22.00	22.02	23.00
5	16QAM	1	0	22.01	22.00	22.16	22.06	22.01	23.00
5	16QAM	1	12	22.00	22.00	22.09	22.00	22.00	23.00
5	16QAM	1	24	22.00	22.01	22.01	22.01	22.00	23.00
5	16QAM	12	0	21.00	21.00	21.03	21.00	21.01	22.00
5	16QAM	12	7	21.00	21.00	21.11	21.00	21.02	22.00
5	16QAM	12	13	21.07	21.02	21.21	21.00	21.02	22.00
5	16QAM	25	0	21.00	21.01	21.15	21.08	21.01	22.00
5	64QAM	1	0	21.02	21.01	21.17	21.06	21.00	22.00
5	64QAM	1	12	21.00	21.01	21.14	21.01	21.01	22.00
5	64QAM	1	24	21.12	21.07	21.42	21.23	21.03	22.00
5	64QAM	12	0	20.01	20.01	20.05	20.05	20.00	21.00
5	64QAM	12	7	20.00	20.01	20.12	20.13	20.01	21.00

5	64QAM	12	13	20.00	20.00	20.10	20.00	20.00	21.00
5	64QAM	25	0	20.06	20.00	20.22	20.01	20.01	21.00
5	256QAM	1	0	18.00	18.00	18.01	18.00	18.02	19.00
5	256QAM	1	12	18.00	18.01	18.00	18.00	18.01	19.00
5	256QAM	1	24	18.00	18.01	18.17	18.01	18.01	19.00
5	256QAM	12	0	18.00	18.00	18.06	18.01	18.00	19.00
5	256QAM	12	7	18.02	18.01	18.12	18.06	18.01	19.00
5	256QAM	12	13	18.01	18.01	18.18	18.01	18.01	19.00
5	256QAM	25	0	18.00	18.02	18.19	18.06	18.00	19.00

【LTE Band 41_FCC (2496~2690MHz)_Ant

1_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	Tune-up limit (dBm)
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	21.99	21.87	22.01	21.96	21.85	23.00
20	QPSK	1	49	21.84	21.77	21.98	21.80	21.72	23.00
20	QPSK	1	99	21.81	21.81	21.94	21.91	21.74	23.00
20	QPSK	50	0	21.93	21.83	21.98	21.82	21.70	23.00
20	QPSK	50	24	21.89	21.77	21.89	21.79	21.70	23.00
20	QPSK	50	50	21.96	21.74	21.95	21.78	21.73	23.00
20	QPSK	100	0	21.93	21.77	21.96	21.79	21.70	23.00
20	16QAM	1	0	21.95	21.84	21.90	21.81	21.68	23.00
20	16QAM	1	49	21.96	21.72	21.98	21.88	21.75	23.00
20	16QAM	1	99	21.94	21.83	21.92	21.86	21.78	23.00
20	16QAM	50	0	21.00	21.00	21.16	21.06	21.01	22.00
20	16QAM	50	24	21.02	20.95	20.99	20.92	20.90	22.00
20	16QAM	50	50	20.94	20.83	21.03	21.01	20.77	22.00
20	16QAM	100	0	20.92	20.83	20.98	21.00	20.89	22.00
20	64QAM	1	0	20.95	20.86	20.95	20.88	20.78	22.00
20	64QAM	1	49	20.97	20.83	21.00	21.00	20.77	22.00
20	64QAM	1	99	21.05	20.82	21.01	21.00	20.88	22.00
20	64QAM	50	0	19.94	19.82	20.02	20.03	19.90	21.00
20	64QAM	50	24	20.01	19.81	20.07	20.02	19.87	21.00
20	64QAM	50	50	19.99	19.84	20.01	19.98	19.81	21.00
20	64QAM	100	0	19.93	19.82	20.07	19.98	19.85	21.00
20	256QAM	1	0	18.02	18.00	18.11	18.00	18.00	19.00
20	256QAM	1	49	18.00	18.02	18.10	18.06	18.01	19.00
20	256QAM	1	99	18.08	18.01	18.20	18.08	18.00	19.00
20	256QAM	50	0	18.07	18.00	18.17	18.01	18.00	19.00
20	256QAM	50	24	18.09	18.01	18.25	18.16	18.00	19.00
20	256QAM	50	50	18.10	18.00	18.21	18.14	18.01	19.00
20	256QAM	100	0	18.04	18.02	18.25	18.18	18.00	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	21.86	21.86	21.95	21.82	21.76	23.00
15	QPSK	1	37	21.82	21.70	21.87	21.72	21.66	23.00
15	QPSK	1	74	21.79	21.68	21.85	21.79	21.67	23.00
15	QPSK	36	0	21.83	21.81	21.89	21.73	21.58	23.00
15	QPSK	36	20	21.74	21.69	21.78	21.73	21.60	23.00
15	QPSK	36	39	21.85	21.62	21.88	21.70	21.67	23.00
15	QPSK	75	0	21.82	21.71	21.94	21.69	21.67	23.00
15	16QAM	1	0	21.86	21.83	21.78	21.73	21.60	23.00
15	16QAM	1	37	21.93	21.60	21.86	21.86	21.65	23.00
15	16QAM	1	74	21.87	21.73	21.86	21.72	21.77	23.00
15	16QAM	36	0	20.98	20.98	21.11	21.03	20.98	22.00
15	16QAM	36	20	20.88	20.91	20.97	20.82	20.77	22.00
15	16QAM	36	39	20.80	20.72	20.89	20.92	20.72	22.00
15	16QAM	75	0	20.80	20.72	20.85	20.98	20.84	22.00
15	64QAM	1	0	20.81	20.78	20.89	20.83	20.76	22.00
15	64QAM	1	37	20.91	20.69	20.98	20.90	20.66	22.00
15	64QAM	1	74	20.98	20.75	20.96	20.90	20.80	22.00
15	64QAM	36	0	19.88	19.81	19.97	20.00	19.80	21.00
15	64QAM	36	20	19.99	19.79	20.04	19.92	19.81	21.00
15	64QAM	36	39	19.89	19.75	19.87	19.90	19.73	21.00
15	64QAM	75	0	19.85	19.69	20.02	19.91	19.77	21.00
15	256QAM	1	0	17.88	17.89	18.07	17.98	17.91	19.00
15	256QAM	1	37	17.96	18.00	18.07	17.95	17.94	19.00
15	256QAM	1	74	18.05	17.95	18.12	17.97	17.91	19.00
15	256QAM	36	0	17.97	17.89	18.13	17.91	17.85	19.00

15	256QAM	36	20	18.03	17.86	18.16	18.11	17.88	19.00
15	256QAM	36	39	18.00	17.88	18.09	18.06	17.86	19.00
15	256QAM	75	0	17.93	18.00	18.18	18.07	17.88	19.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	21.94	21.79	21.88	21.83	21.74	23.00
10	QPSK	1	25	21.76	21.71	21.83	21.75	21.64	23.00
10	QPSK	1	49	21.71	21.68	21.92	21.85	21.59	23.00
10	QPSK	25	0	21.80	21.81	21.90	21.77	21.63	23.00
10	QPSK	25	12	21.78	21.68	21.82	21.66	21.55	23.00
10	QPSK	25	25	21.82	21.73	21.86	21.65	21.69	23.00
10	QPSK	50	0	21.85	21.74	21.85	21.69	21.62	23.00
10	16QAM	1	0	21.90	21.80	21.80	21.71	21.60	23.00
10	16QAM	1	25	21.94	21.59	21.95	21.81	21.61	23.00
10	16QAM	1	49	21.90	21.79	21.91	21.77	21.64	23.00
10	16QAM	25	0	20.92	20.86	21.08	21.00	20.96	22.00
10	16QAM	25	12	20.88	20.82	20.89	20.79	20.89	22.00
10	16QAM	25	25	20.90	20.77	20.90	20.98	20.63	22.00
10	16QAM	50	0	20.79	20.71	20.87	20.95	20.77	22.00
10	64QAM	1	0	20.81	20.74	20.89	20.77	20.67	22.00
10	64QAM	1	25	20.95	20.69	20.94	20.89	20.73	22.00
10	64QAM	1	49	21.04	20.68	20.87	20.93	20.82	22.00
10	64QAM	25	0	19.89	19.68	19.89	19.90	19.79	21.00
10	64QAM	25	12	19.91	19.76	19.97	19.88	19.84	21.00
10	64QAM	25	25	19.95	19.83	19.97	19.89	19.80	21.00
10	64QAM	50	0	19.84	19.79	19.96	19.91	19.76	21.00
10	256QAM	1	0	18.00	17.88	17.98	17.85	17.97	19.00
10	256QAM	1	25	17.86	17.94	17.98	18.02	17.86	19.00
10	256QAM	1	49	18.04	17.90	18.10	18.03	17.92	19.00
10	256QAM	25	0	18.03	17.85	18.10	17.98	17.95	19.00
10	256QAM	25	12	17.97	17.89	18.21	18.10	17.93	19.00
10	256QAM	25	25	18.04	17.86	18.09	18.02	17.87	19.00
10	256QAM	50	0	18.00	17.97	18.21	18.12	17.99	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	21.88	21.84	21.88	21.88	21.75	23.00
5	QPSK	1	12	21.72	21.65	21.83	21.66	21.60	23.00
5	QPSK	1	24	21.75	21.72	21.84	21.89	21.65	23.00
5	QPSK	12	0	21.89	21.75	21.85	21.76	21.63	23.00
5	QPSK	12	7	21.78	21.74	21.80	21.72	21.68	23.00
5	QPSK	12	13	21.84	21.72	21.92	21.68	21.62	23.00
5	QPSK	25	0	21.87	21.65	21.93	21.70	21.62	23.00
5	16QAM	1	0	21.92	21.72	21.86	21.70	21.55	23.00
5	16QAM	1	12	21.89	21.62	21.94	21.84	21.65	23.00
5	16QAM	1	24	21.88	21.79	21.83	21.80	21.76	23.00
5	16QAM	12	0	20.97	20.90	21.10	20.99	20.88	22.00
5	16QAM	12	7	20.90	20.86	20.90	20.80	20.77	22.00
5	16QAM	12	13	20.87	20.81	21.02	21.00	20.76	22.00
5	16QAM	25	0	20.83	20.81	20.91	20.91	20.88	22.00
5	64QAM	1	0	20.80	20.78	20.87	20.79	20.73	22.00
5	64QAM	1	12	20.94	20.76	20.94	20.91	20.68	22.00
5	64QAM	1	24	20.92	20.76	20.95	20.96	20.83	22.00
5	64QAM	12	0	19.80	19.74	19.94	19.99	19.81	21.00
5	64QAM	12	7	19.96	19.73	19.96	19.91	19.85	21.00
5	64QAM	12	13	19.95	19.80	19.89	19.89	19.78	21.00
5	64QAM	25	0	19.86	19.68	20.04	19.91	19.75	21.00
5	256QAM	1	0	18.00	17.91	17.96	17.90	17.94	19.00
5	256QAM	1	12	17.87	17.99	17.96	17.96	17.91	19.00
5	256QAM	1	24	17.96	17.87	18.08	18.03	17.92	19.00
5	256QAM	12	0	17.94	17.90	18.08	17.95	17.85	19.00
5	256QAM	12	7	18.08	17.89	18.22	18.10	17.85	19.00
5	256QAM	12	13	17.95	17.90	18.08	18.03	17.93	19.00
5	256QAM	25	0	17.94	17.98	18.11	18.05	17.94	19.00

【LTE Band 41__FCC (2496~2690MHz)_Ant

1_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	15.33	15.41	15.65	15.42	15.36	16.70
20	QPSK	1	49	15.23	15.33	15.59	15.37	15.27	16.70
20	QPSK	1	99	15.31	15.32	15.60	15.30	15.32	16.70
20	QPSK	50	0	15.45	15.43	15.59	15.45	15.48	16.70

20	QPSK	50	24	15.40	15.35	15.56	15.37	15.39	16.70
20	QPSK	50	50	15.41	15.35	15.47	15.25	15.42	16.70
20	QPSK	100	0	15.25	15.28	15.45	15.23	15.43	16.70
20	16QAM	1	0	15.43	15.28	15.59	15.21	15.46	16.70
20	16QAM	1	49	15.42	15.32	15.52	15.28	15.44	16.70
20	16QAM	1	99	15.30	15.47	15.64	15.20	15.45	16.70
20	16QAM	50	0	15.19	15.28	15.44	15.30	15.37	16.70
20	16QAM	50	24	15.39	15.44	15.59	15.34	15.27	16.70
20	16QAM	50	50	15.21	15.26	15.57	15.43	15.37	16.70
20	16QAM	100	0	15.35	15.41	15.59	15.44	15.42	16.70
20	64QAM	1	0	15.19	15.30	15.52	15.28	15.41	16.70
20	64QAM	1	49	15.24	15.47	15.48	15.42	15.45	16.70
20	64QAM	1	99	15.33	15.41	15.44	15.42	15.26	16.70
20	64QAM	50	0	15.23	15.33	15.59	15.37	15.27	16.70
20	64QAM	50	24	15.31	15.32	15.60	15.30	15.36	16.70
20	64QAM	50	50	15.25	15.43	15.50	15.25	15.38	16.70
20	64QAM	100	0	15.40	15.35	15.66	15.37	15.39	16.70
20	256QAM	1	0	15.41	15.35	15.67	15.25	15.42	16.70
20	256QAM	1	49	15.25	15.28	15.45	15.23	15.43	16.70
20	256QAM	1	99	15.43	15.28	15.59	15.21	15.46	16.70
20	256QAM	50	0	15.42	15.32	15.52	15.28	15.44	16.70
20	256QAM	50	24	15.30	15.47	15.64	15.20	15.45	16.70
20	256QAM	50	50	15.19	15.28	15.44	15.30	15.37	16.70
20	256QAM	100	0	15.39	15.44	15.59	15.34	15.27	16.70
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	15.27	15.35	15.51	15.31	15.15	16.70
15	QPSK	1	37	15.13	15.29	15.54	15.35	15.17	16.70
15	QPSK	1	74	15.24	15.27	15.51	15.15	15.21	16.70
15	QPSK	36	0	15.31	15.28	15.49	15.33	15.41	16.70
15	QPSK	36	20	15.34	15.32	15.46	15.27	15.30	16.70
15	QPSK	36	39	15.35	15.29	15.33	15.22	15.30	16.70
15	QPSK	75	0	15.21	15.22	15.39	15.11	15.34	16.70
15	16QAM	1	0	15.39	15.21	15.52	15.11	15.35	16.70
15	16QAM	1	37	15.30	15.23	15.44	15.15	15.36	16.70
15	16QAM	1	74	15.17	15.37	15.59	15.18	15.40	16.70
15	16QAM	36	0	15.05	15.21	15.32	15.17	15.27	16.70
15	16QAM	36	20	15.30	15.36	15.57	15.33	15.22	16.70
15	16QAM	36	39	15.08	15.18	15.42	15.40	15.28	16.70
15	16QAM	75	0	15.31	15.36	15.56	15.32	15.33	16.70
15	64QAM	1	0	15.08	15.19	15.44	15.15	15.36	16.70
15	64QAM	1	37	15.17	15.45	15.33	15.39	15.33	16.70
15	64QAM	1	74	15.19	15.37	15.37	15.27	15.12	16.70
15	64QAM	36	0	15.19	15.26	15.46	15.26	15.17	16.70
15	64QAM	36	20	15.18	15.22	15.55	15.24	15.28	16.70
15	64QAM	36	39	15.16	15.31	15.45	15.24	15.27	16.70
15	64QAM	75	0	15.27	15.25	15.59	15.31	15.27	16.70
15	256QAM	1	0	15.34	15.28	15.55	15.23	15.40	16.70
15	256QAM	1	37	15.22	15.13	15.33	15.22	15.28	16.70
15	256QAM	1	74	15.38	15.26	15.52	15.20	15.39	16.70
15	256QAM	36	0	15.35	15.18	15.48	15.19	15.40	16.70
15	256QAM	36	20	15.17	15.42	15.51	15.16	15.40	16.70
15	256QAM	36	39	15.08	15.25	15.35	15.27	15.28	16.70
15	256QAM	75	0	15.30	15.36	15.46	15.31	15.13	16.70
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	15.29	15.40	15.63	15.29	15.19	16.70
10	QPSK	1	25	15.13	15.19	15.56	15.31	15.25	16.70
10	QPSK	1	49	15.17	15.19	15.52	15.27	15.22	16.70
10	QPSK	25	0	15.31	15.35	15.58	15.31	15.46	16.70
10	QPSK	25	12	15.32	15.23	15.50	15.31	15.26	16.70
10	QPSK	25	25	15.33	15.29	15.44	15.11	15.28	16.70
10	QPSK	50	0	15.17	15.22	15.40	15.17	15.29	16.70
10	16QAM	1	0	15.33	15.16	15.55	15.18	15.42	16.70
10	16QAM	1	25	15.37	15.25	15.49	15.25	15.35	16.70
10	16QAM	1	49	15.23	15.38	15.50	15.17	15.39	16.70
10	16QAM	25	0	15.13	15.17	15.35	15.23	15.25	16.70
10	16QAM	25	12	15.34	15.36	15.46	15.29	15.15	16.70
10	16QAM	25	25	15.09	15.16	15.51	15.34	15.24	16.70
10	16QAM	50	0	15.22	15.36	15.44	15.30	15.32	16.70
10	64QAM	1	0	15.17	15.21	15.45	15.16	15.28	16.70
10	64QAM	1	25	15.11	15.40	15.34	15.37	15.41	16.70
10	64QAM	1	49	15.32	15.34	15.36	15.40	15.21	16.70
10	64QAM	25	0	15.18	15.25	15.58	15.30	15.14	16.70
10	64QAM	25	12	15.16	15.30	15.53	15.20	15.24	16.70
10	64QAM	25	25	15.16	15.35	15.44	15.22	15.30	16.70

10	64QAM	50	0	15.30	15.33	15.54	15.29	15.27	16.70
10	256QAM	1	0	15.32	15.25	15.63	15.23	15.27	16.70
10	256QAM	1	25	15.20	15.16	15.30	15.14	15.40	16.70
10	256QAM	1	49	15.32	15.15	15.57	15.09	15.41	16.70
10	256QAM	25	0	15.40	15.30	15.43	15.25	15.32	16.70
10	256QAM	25	12	15.25	15.41	15.62	15.17	15.38	16.70
10	256QAM	25	25	15.11	15.16	15.36	15.28	15.34	16.70
10	256QAM	50	0	15.35	15.32	15.48	15.30	15.19	16.70
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	15.23	15.30	15.50	15.36	15.18	16.70
5	QPSK	1	12	15.10	15.21	15.49	15.25	15.23	16.70
5	QPSK	1	24	15.30	15.27	15.51	15.22	15.27	16.70
5	QPSK	12	0	15.37	15.38	15.50	15.43	15.45	16.70
5	QPSK	12	7	15.29	15.33	15.53	15.25	15.36	16.70
5	QPSK	12	13	15.28	15.31	15.42	15.13	15.34	16.70
5	QPSK	25	0	15.14	15.18	15.44	15.11	15.30	16.70
5	16QAM	1	0	15.41	15.16	15.55	15.13	15.43	16.70
5	16QAM	1	12	15.39	15.22	15.42	15.25	15.41	16.70
5	16QAM	1	24	15.21	15.33	15.57	15.11	15.39	16.70
5	16QAM	12	0	15.17	15.25	15.32	15.16	15.27	16.70
5	16QAM	12	7	15.38	15.37	15.56	15.22	15.21	16.70
5	16QAM	12	13	15.15	15.24	15.50	15.38	15.35	16.70
5	16QAM	25	0	15.24	15.30	15.51	15.29	15.30	16.70
5	64QAM	1	0	15.10	15.16	15.43	15.22	15.29	16.70
5	64QAM	1	12	15.14	15.41	15.47	15.41	15.38	16.70
5	64QAM	1	24	15.30	15.28	15.37	15.30	15.16	16.70
5	64QAM	12	0	15.09	15.30	15.44	15.23	15.17	16.70
5	64QAM	12	7	15.19	15.26	15.51	15.16	15.30	16.70
5	64QAM	12	13	15.22	15.37	15.46	15.12	15.34	16.70
5	64QAM	25	0	15.26	15.32	15.58	15.22	15.36	16.70
5	256QAM	1	0	15.28	15.32	15.66	15.20	15.37	16.70
5	256QAM	1	12	15.13	15.26	15.31	15.17	15.40	16.70
5	256QAM	1	24	15.33	15.15	15.51	15.10	15.44	16.70
5	256QAM	12	0	15.38	15.31	15.39	15.14	15.43	16.70
5	256QAM	12	7	15.17	15.32	15.58	15.10	15.43	16.70
5	256QAM	12	13	15.18	15.17	15.40	15.19	15.35	16.70
5	256QAM	25	0	15.36	15.40	15.50	15.25	15.25	16.70

【LTE Band 41_FCC (2496~2690MHz)_Ant

2_Full Power】

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	22.91	23.27	23.41	23.13	23.37	24.00
20	QPSK	1	49	22.60	22.99	23.15	22.74	22.98	24.00
20	QPSK	1	99	22.55	22.93	23.13	22.80	23.02	24.00
20	QPSK	50	0	21.73	22.07	22.25	21.91	22.16	23.00
20	QPSK	50	24	21.61	21.95	22.17	21.89	22.03	23.00
20	QPSK	50	50	21.61	21.97	22.15	21.79	22.04	23.00
20	QPSK	100	0	21.67	21.96	22.16	21.79	22.09	23.00
20	16QAM	1	0	21.59	21.96	22.10	21.79	21.97	23.00
20	16QAM	1	49	21.68	22.06	22.22	21.83	22.08	23.00
20	16QAM	1	99	21.68	21.91	22.17	21.84	22.05	23.00
20	16QAM	50	0	20.71	21.05	21.28	20.95	21.10	22.00
20	16QAM	50	24	20.69	20.94	21.20	20.90	21.12	22.00
20	16QAM	50	50	20.63	20.97	21.15	20.77	21.07	22.00
20	16QAM	100	0	20.61	21.04	21.20	20.82	21.08	22.00
20	64QAM	1	0	20.78	21.03	21.25	20.98	21.20	22.00
20	64QAM	1	49	20.74	21.01	21.26	20.98	21.11	22.00
20	64QAM	1	99	20.76	21.00	21.22	20.85	21.10	22.00
20	64QAM	50	0	19.80	20.15	20.33	20.00	20.21	21.00
20	64QAM	50	24	19.73	19.99	20.21	19.92	20.08	21.00
20	64QAM	50	50	19.61	19.96	20.18	19.83	20.00	21.00
20	64QAM	100	0	19.73	20.03	20.17	19.80	20.03	21.00
20	256QAM	1	0	17.86	18.15	18.30	17.94	18.13	19.00
20	256QAM	1	49	17.77	18.02	18.18	17.92	18.10	19.00
20	256QAM	1	99	17.61	17.80	18.01	17.71	17.96	19.00
20	256QAM	50	0	17.88	18.12	18.29	17.97	18.19	19.00
20	256QAM	50	24	17.80	18.07	18.23	17.98	18.19	19.00

20	256QAM	50	50	17.69	18.03	18.20	17.96	18.03	19.00
20	256QAM	100	0	17.74	18.09	18.25	17.99	18.15	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	22.79	23.19	23.27	23.04	23.23	24.00
15	QPSK	1	37	22.50	22.95	23.07	22.65	22.93	24.00
15	QPSK	1	74	22.45	22.82	23.09	22.68	22.96	24.00
15	QPSK	36	0	21.70	21.93	22.23	21.82	22.11	23.00
15	QPSK	36	20	21.52	21.83	22.11	21.75	21.98	23.00
15	QPSK	36	39	21.55	21.92	22.11	21.71	22.02	23.00
15	QPSK	75	0	21.62	21.94	22.14	21.76	22.04	23.00
15	16QAM	1	0	21.54	21.89	22.02	21.74	21.85	23.00
15	16QAM	1	37	21.65	22.01	22.17	21.71	21.96	23.00
15	16QAM	1	74	21.57	21.77	22.16	21.75	22.01	23.00
15	16QAM	36	0	20.61	20.91	21.24	20.92	21.08	22.00
15	16QAM	36	20	20.58	20.93	21.07	20.86	21.06	22.00
15	16QAM	36	39	20.59	20.93	21.04	20.67	20.93	22.00
15	16QAM	75	0	20.59	20.98	21.10	20.71	21.06	22.00
15	64QAM	1	0	20.72	20.92	21.19	20.90	21.11	22.00
15	64QAM	1	37	20.72	20.97	21.12	20.87	21.08	22.00
15	64QAM	1	74	20.63	20.91	21.16	20.82	21.01	22.00
15	64QAM	36	0	19.71	20.13	20.22	19.91	20.07	21.00
15	64QAM	36	20	19.62	19.87	20.09	19.84	20.05	21.00
15	64QAM	36	39	19.59	19.87	20.12	19.76	19.87	21.00
15	64QAM	75	0	19.68	20.02	20.05	19.68	19.93	21.00
15	256QAM	1	0	17.82	18.02	18.16	17.82	18.08	19.00
15	256QAM	1	37	17.67	17.97	18.04	17.82	17.96	19.00
15	256QAM	1	74	17.56	17.75	17.90	17.62	17.89	19.00
15	256QAM	36	0	17.73	17.99	18.26	17.83	18.11	19.00
15	256QAM	36	20	17.77	17.95	18.10	17.87	18.14	19.00
15	256QAM	36	39	17.56	17.89	18.05	17.92	17.96	19.00
15	256QAM	75	0	17.70	17.99	18.22	17.87	18.03	19.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	22.83	23.16	23.35	23.05	23.23	24.00
10	QPSK	1	25	22.52	22.90	23.09	22.67	22.85	24.00
10	QPSK	1	49	22.52	22.83	23.03	22.75	22.98	24.00
10	QPSK	25	0	21.69	21.95	22.11	21.83	22.09	23.00
10	QPSK	25	12	21.59	21.80	22.04	21.87	21.89	23.00
10	QPSK	25	25	21.47	21.87	22.04	21.64	22.00	23.00
10	QPSK	50	0	21.61	21.90	22.13	21.78	21.95	23.00
10	16QAM	1	0	21.44	21.82	22.08	21.65	21.95	23.00
10	16QAM	1	25	21.61	21.98	22.16	21.69	21.95	23.00
10	16QAM	1	49	21.63	21.89	22.15	21.70	21.97	23.00
10	16QAM	25	0	20.68	20.91	21.22	20.93	21.01	22.00
10	16QAM	25	12	20.60	20.90	21.18	20.89	21.08	22.00
10	16QAM	25	25	20.50	20.83	21.03	20.67	21.02	22.00
10	16QAM	50	0	20.54	20.95	21.14	20.75	21.01	22.00
10	64QAM	1	0	20.75	21.01	21.23	20.91	21.15	22.00
10	64QAM	1	25	20.70	20.86	21.13	20.83	20.98	22.00
10	64QAM	1	49	20.68	20.90	21.09	20.71	21.06	22.00
10	64QAM	25	0	19.68	20.09	20.21	19.94	20.08	21.00
10	64QAM	25	12	19.71	19.87	20.16	19.85	19.94	21.00
10	64QAM	25	25	19.53	19.92	20.12	19.78	19.91	21.00
10	64QAM	50	0	19.68	19.92	20.04	19.65	20.00	21.00
10	256QAM	1	0	17.82	18.13	18.28	17.83	17.99	19.00
10	256QAM	1	25	17.74	17.96	18.04	17.81	17.99	19.00
10	256QAM	1	49	17.50	17.77	17.93	17.67	17.93	19.00
10	256QAM	25	0	17.75	18.02	18.22	17.96	18.08	19.00
10	256QAM	25	12	17.73	17.93	18.21	17.95	18.11	19.00
10	256QAM	25	25	17.64	18.02	18.09	17.89	17.93	19.00
10	256QAM	50	0	17.65	17.99	18.13	17.93	18.13	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	22.87	23.22	23.38	23.06	23.36	24.00
5	QPSK	1	12	22.47	22.95	23.02	22.71	22.92	24.00
5	QPSK	1	24	22.52	22.89	23.07	22.78	23.00	24.00
5	QPSK	12	0	21.67	22.02	22.14	21.77	22.12	23.00
5	QPSK	12	7	21.52	21.86	22.14	21.74	21.92	23.00
5	QPSK	12	13	21.60	21.83	22.03	21.75	21.99	23.00
5	QPSK	25	0	21.65	21.86	22.07	21.64	22.01	23.00
5	16QAM	1	0	21.54	21.85	22.07	21.72	21.83	23.00
5	16QAM	1	12	21.65	21.98	22.17	21.71	22.01	23.00
5	16QAM	1	24	21.65	21.76	22.07	21.81	22.03	23.00
5	16QAM	12	0	20.70	20.94	21.20	20.81	20.96	22.00

5	16QAM	12	7	20.56	20.89	21.18	20.79	21.08	22.00
5	16QAM	12	13	20.54	20.84	21.03	20.62	20.93	22.00
5	16QAM	25	0	20.49	20.95	21.10	20.72	20.94	22.00
5	64QAM	1	0	20.71	20.95	21.11	20.88	21.09	22.00
5	64QAM	1	12	20.63	20.91	21.18	20.94	21.00	22.00
5	64QAM	1	24	20.62	20.95	21.11	20.83	21.06	22.00
5	64QAM	12	0	19.68	20.13	20.18	19.96	20.10	21.00
5	64QAM	12	7	19.60	19.91	20.20	19.90	19.95	21.00
5	64QAM	12	13	19.47	19.90	20.12	19.68	19.97	21.00
5	64QAM	25	0	19.67	19.96	20.02	19.71	19.92	21.00
5	256QAM	1	0	17.85	18.14	18.20	17.84	18.07	19.00
5	256QAM	1	12	17.63	17.92	18.05	17.86	17.97	19.00
5	256QAM	1	24	17.60	17.72	18.00	17.58	17.90	19.00
5	256QAM	12	0	17.83	17.98	18.20	17.95	18.15	19.00
5	256QAM	12	7	17.79	18.00	18.13	17.90	18.17	19.00
5	256QAM	12	13	17.54	17.99	18.12	17.86	17.91	19.00
5	256QAM	25	0	17.73	17.99	18.16	17.89	18.14	19.00

【LTE Band 41_FCC (2496~2690MHz)_Ant

2_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	22.91	23.27	23.41	23.13	23.37	24.00
20	QPSK	1	49	22.60	22.99	23.15	22.74	22.98	24.00
20	QPSK	1	99	22.55	22.93	23.13	22.80	23.02	24.00
20	QPSK	50	0	21.73	22.07	22.25	21.91	22.16	23.00
20	QPSK	50	24	21.61	21.95	22.17	21.89	22.03	23.00
20	QPSK	50	50	21.61	21.97	22.15	21.79	22.04	23.00
20	QPSK	100	0	21.67	21.96	22.16	21.79	22.09	23.00
20	16QAM	1	0	21.59	21.96	22.10	21.79	21.97	23.00
20	16QAM	1	49	21.68	22.06	22.22	21.83	22.08	23.00
20	16QAM	1	99	21.68	21.91	22.17	21.84	22.05	23.00
20	16QAM	50	0	20.71	21.05	21.28	20.95	21.10	22.00
20	16QAM	50	24	20.69	20.94	21.20	20.90	21.12	22.00
20	16QAM	50	50	20.63	20.97	21.15	20.77	21.07	22.00
20	16QAM	100	0	20.61	21.04	21.20	20.82	21.08	22.00
20	64QAM	1	0	20.78	21.03	21.25	20.98	21.20	22.00
20	64QAM	1	49	20.74	21.01	21.26	20.98	21.11	22.00
20	64QAM	1	99	20.76	21.00	21.22	20.85	21.10	22.00
20	64QAM	50	0	19.80	20.15	20.33	20.00	20.21	21.00
20	64QAM	50	24	19.73	19.99	20.21	19.92	20.08	21.00
20	64QAM	50	50	19.61	19.96	20.18	19.83	20.00	21.00
20	64QAM	100	0	19.73	20.03	20.17	19.80	20.03	21.00
20	256QAM	1	0	17.86	18.15	18.30	17.94	18.13	19.00
20	256QAM	1	49	17.77	18.02	18.18	17.92	18.10	19.00
20	256QAM	1	99	17.61	17.80	18.01	17.71	17.96	19.00
20	256QAM	50	0	17.88	18.12	18.29	17.97	18.19	19.00
20	256QAM	50	24	17.80	18.07	18.23	17.98	18.19	19.00
20	256QAM	50	50	17.69	18.03	18.20	17.96	18.03	19.00
20	256QAM	100	0	17.74	18.09	18.25	17.99	18.15	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	22.79	23.19	23.27	23.04	23.23	24.00
15	QPSK	1	37	22.50	22.95	23.07	22.65	22.93	24.00
15	QPSK	1	74	22.45	22.82	23.09	22.68	22.96	24.00
15	QPSK	36	0	21.70	21.93	22.23	21.82	22.11	23.00
15	QPSK	36	20	21.52	21.83	22.11	21.75	21.98	23.00
15	QPSK	36	39	21.55	21.92	22.11	21.71	22.02	23.00
15	QPSK	75	0	21.62	21.94	22.14	21.76	22.04	23.00
15	16QAM	1	0	21.54	21.89	22.02	21.74	21.85	23.00
15	16QAM	1	37	21.65	22.01	22.17	21.71	21.96	23.00
15	16QAM	1	74	21.57	21.77	22.16	21.75	22.01	23.00
15	16QAM	36	0	20.61	20.91	21.24	20.92	21.08	22.00
15	16QAM	36	20	20.58	20.93	21.07	20.86	21.06	22.00
15	16QAM	36	39	20.59	20.93	21.04	20.67	20.93	22.00
15	16QAM	75	0	20.59	20.98	21.10	20.71	21.06	22.00
15	64QAM	1	0	20.72	20.92	21.19	20.90	21.11	22.00
15	64QAM	1	37	20.72	20.97	21.12	20.87	21.08	22.00
15	64QAM	1	74	20.63	20.91	21.16	20.82	21.01	22.00

15	64QAM	36	0	19.71	20.13	20.22	19.91	20.07	21.00
15	64QAM	36	20	19.62	19.87	20.09	19.84	20.05	21.00
15	64QAM	36	39	19.59	19.87	20.12	19.76	19.87	21.00
15	64QAM	75	0	19.68	20.02	20.05	19.68	19.93	21.00
15	256QAM	1	0	17.82	18.02	18.16	17.82	18.08	19.00
15	256QAM	1	37	17.67	17.97	18.04	17.82	17.96	19.00
15	256QAM	1	74	17.56	17.75	17.90	17.62	17.89	19.00
15	256QAM	36	0	17.73	17.99	18.26	17.83	18.11	19.00
15	256QAM	36	20	17.77	17.95	18.10	17.87	18.14	19.00
15	256QAM	36	39	17.56	17.89	18.05	17.92	17.96	19.00
15	256QAM	75	0	17.70	17.99	18.22	17.87	18.03	19.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	22.83	23.16	23.35	23.05	23.23	24.00
10	QPSK	1	25	22.52	22.90	23.09	22.67	22.85	24.00
10	QPSK	1	49	22.52	22.83	23.03	22.75	22.98	24.00
10	QPSK	25	0	21.69	21.95	22.11	21.83	22.09	23.00
10	QPSK	25	12	21.59	21.80	22.04	21.87	21.89	23.00
10	QPSK	25	25	21.47	21.87	22.04	21.64	22.00	23.00
10	QPSK	50	0	21.61	21.90	22.13	21.78	21.95	23.00
10	16QAM	1	0	21.44	21.82	22.08	21.65	21.95	23.00
10	16QAM	1	25	21.61	21.98	22.16	21.69	21.95	23.00
10	16QAM	1	49	21.63	21.89	22.15	21.70	21.97	23.00
10	16QAM	25	0	20.68	20.91	21.22	20.93	21.01	22.00
10	16QAM	25	12	20.60	20.90	21.18	20.89	21.08	22.00
10	16QAM	25	25	20.50	20.83	21.03	20.67	21.02	22.00
10	16QAM	50	0	20.54	20.95	21.14	20.75	21.01	22.00
10	64QAM	1	0	20.75	21.01	21.23	20.91	21.15	22.00
10	64QAM	1	25	20.70	20.86	21.13	20.83	20.98	22.00
10	64QAM	1	49	20.68	20.90	21.09	20.71	21.06	22.00
10	64QAM	25	0	19.68	20.09	20.21	19.94	20.08	21.00
10	64QAM	25	12	19.71	19.87	20.16	19.85	19.94	21.00
10	64QAM	25	25	19.53	19.92	20.12	19.78	19.91	21.00
10	64QAM	50	0	19.68	19.92	20.04	19.65	20.00	21.00
10	256QAM	1	0	17.82	18.13	18.28	17.83	17.99	19.00
10	256QAM	1	25	17.74	17.96	18.04	17.81	17.99	19.00
10	256QAM	1	49	17.50	17.77	17.93	17.67	17.93	19.00
10	256QAM	25	0	17.75	18.02	18.22	17.96	18.08	19.00
10	256QAM	25	12	17.73	17.93	18.21	17.95	18.11	19.00
10	256QAM	25	25	17.64	18.02	18.09	17.89	17.93	19.00
10	256QAM	50	0	17.65	17.99	18.13	17.93	18.13	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	22.87	23.22	23.38	23.06	23.36	24.00
5	QPSK	1	12	22.47	22.95	23.02	22.71	22.92	24.00
5	QPSK	1	24	22.52	22.89	23.07	22.78	23.00	24.00
5	QPSK	12	0	21.67	22.02	22.14	21.77	22.12	23.00
5	QPSK	12	7	21.52	21.86	22.14	21.74	21.92	23.00
5	QPSK	12	13	21.60	21.83	22.03	21.75	21.99	23.00
5	QPSK	25	0	21.65	21.86	22.07	21.64	22.01	23.00
5	16QAM	1	0	21.54	21.85	22.07	21.72	21.83	23.00
5	16QAM	1	12	21.65	21.98	22.17	21.71	22.01	23.00
5	16QAM	1	24	21.65	21.76	22.07	21.81	22.03	23.00
5	16QAM	12	0	20.70	20.94	21.20	20.81	20.96	22.00
5	16QAM	12	7	20.56	20.89	21.18	20.79	21.08	22.00
5	16QAM	12	13	20.54	20.84	21.03	20.62	20.93	22.00
5	16QAM	25	0	20.49	20.95	21.10	20.72	20.94	22.00
5	64QAM	1	0	20.71	20.95	21.11	20.88	21.09	22.00
5	64QAM	1	12	20.63	20.91	21.18	20.94	21.00	22.00
5	64QAM	1	24	20.62	20.95	21.11	20.83	21.06	22.00
5	64QAM	12	0	19.68	20.13	20.18	19.96	20.10	21.00
5	64QAM	12	7	19.60	19.91	20.20	19.90	19.95	21.00
5	64QAM	12	13	19.47	19.90	20.12	19.68	19.97	21.00
5	64QAM	25	0	19.67	19.96	20.02	19.71	19.92	21.00
5	256QAM	1	0	17.85	18.14	18.20	17.84	18.07	19.00
5	256QAM	1	12	17.63	17.92	18.05	17.86	17.97	19.00
5	256QAM	1	24	17.60	17.72	18.00	17.58	17.90	19.00
5	256QAM	12	0	17.83	17.98	18.20	17.95	18.15	19.00
5	256QAM	12	7	17.79	18.00	18.13	17.90	18.17	19.00
5	256QAM	12	13	17.54	17.99	18.12	17.86	17.91	19.00
5	256QAM	25	0	17.73	17.99	18.16	17.89	18.14	19.00

【LTE Band 41__FCC (2496~2690MHz)_Ant

2_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	22.91	23.27	23.41	23.13	23.37	24.00
20	QPSK	1	49	22.60	22.99	23.15	22.74	22.98	24.00
20	QPSK	1	99	22.55	22.93	23.13	22.80	23.02	24.00
20	QPSK	50	0	21.73	22.07	22.25	21.91	22.16	23.00
20	QPSK	50	24	21.61	21.95	22.17	21.89	22.03	23.00
20	QPSK	50	50	21.61	21.97	22.15	21.79	22.04	23.00
20	QPSK	100	0	21.67	21.96	22.16	21.79	22.09	23.00
20	16QAM	1	0	21.59	21.96	22.10	21.79	21.97	23.00
20	16QAM	1	49	21.68	22.06	22.22	21.83	22.08	23.00
20	16QAM	1	99	21.68	21.91	22.17	21.84	22.05	23.00
20	16QAM	50	0	20.71	21.05	21.28	20.95	21.10	22.00
20	16QAM	50	24	20.69	20.94	21.20	20.90	21.12	22.00
20	16QAM	50	50	20.63	20.97	21.15	20.77	21.07	22.00
20	16QAM	100	0	20.61	21.04	21.20	20.82	21.08	22.00
20	64QAM	1	0	20.78	21.03	21.25	20.98	21.20	22.00
20	64QAM	1	49	20.74	21.01	21.26	20.98	21.11	22.00
20	64QAM	1	99	20.76	21.00	21.22	20.85	21.10	22.00
20	64QAM	50	0	19.80	20.15	20.33	20.00	20.21	21.00
20	64QAM	50	24	19.73	19.99	20.21	19.92	20.08	21.00
20	64QAM	50	50	19.61	19.96	20.18	19.83	20.00	21.00
20	64QAM	100	0	19.73	20.03	20.17	19.80	20.03	21.00
20	256QAM	1	0	17.86	18.15	18.30	17.94	18.13	19.00
20	256QAM	1	49	17.77	18.02	18.18	17.92	18.10	19.00
20	256QAM	1	99	17.61	17.80	18.01	17.71	17.96	19.00
20	256QAM	50	0	17.88	18.12	18.29	17.97	18.19	19.00
20	256QAM	50	24	17.80	18.07	18.23	17.98	18.19	19.00
20	256QAM	50	50	17.69	18.03	18.20	17.96	18.03	19.00
20	256QAM	100	0	17.74	18.09	18.25	17.99	18.15	19.00
Channel				39725	40173	40620	41068	41515	
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	22.79	23.19	23.27	23.04	23.23	24.00
15	QPSK	1	37	22.50	22.95	23.07	22.65	22.93	24.00
15	QPSK	1	74	22.45	22.82	23.09	22.68	22.96	24.00
15	QPSK	36	0	21.70	21.93	22.23	21.82	22.11	23.00
15	QPSK	36	20	21.52	21.83	22.11	21.75	21.98	23.00
15	QPSK	36	39	21.55	21.92	22.11	21.71	22.02	23.00
15	QPSK	75	0	21.62	21.94	22.14	21.76	22.04	23.00
15	16QAM	1	0	21.54	21.89	22.02	21.74	21.85	23.00
15	16QAM	1	37	21.65	22.01	22.17	21.71	21.96	23.00
15	16QAM	1	74	21.57	21.77	22.16	21.75	22.01	23.00
15	16QAM	36	0	20.61	20.91	21.24	20.92	21.08	22.00
15	16QAM	36	20	20.58	20.93	21.07	20.86	21.06	22.00
15	16QAM	36	39	20.59	20.93	21.04	20.67	20.93	22.00
15	16QAM	75	0	20.59	20.98	21.10	20.71	21.06	22.00
15	64QAM	1	0	20.72	20.92	21.19	20.90	21.11	22.00
15	64QAM	1	37	20.72	20.97	21.12	20.87	21.08	22.00
15	64QAM	1	74	20.63	20.91	21.16	20.82	21.01	22.00
15	64QAM	36	0	19.71	20.13	20.22	19.91	20.07	21.00
15	64QAM	36	20	19.62	19.87	20.09	19.84	20.05	21.00
15	64QAM	36	39	19.59	19.87	20.12	19.76	19.87	21.00
15	64QAM	75	0	19.68	20.02	20.05	19.68	19.93	21.00
15	256QAM	1	0	17.82	18.02	18.16	17.82	18.08	19.00
15	256QAM	1	37	17.67	17.97	18.04	17.82	17.96	19.00
15	256QAM	1	74	17.56	17.75	17.90	17.62	17.89	19.00
15	256QAM	36	0	17.73	17.99	18.26	17.83	18.11	19.00
15	256QAM	36	20	17.77	17.95	18.10	17.87	18.14	19.00
15	256QAM	36	39	17.56	17.89	18.05	17.92	17.96	19.00
15	256QAM	75	0	17.70	17.99	18.22	17.87	18.03	19.00
Channel				39700	40160	40620	41080	41540	
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	22.83	23.16	23.35	23.05	23.23	24.00
10	QPSK	1	25	22.52	22.90	23.09	22.67	22.85	24.00
10	QPSK	1	49	22.52	22.83	23.03	22.75	22.98	24.00
10	QPSK	25	0	21.69	21.95	22.11	21.83	22.09	23.00
10	QPSK	25	12	21.59	21.80	22.04	21.87	21.89	23.00

10	QPSK	25	25	21.47	21.87	22.04	21.64	22.00	23.00
10	QPSK	50	0	21.61	21.90	22.13	21.78	21.95	23.00
10	16QAM	1	0	21.44	21.82	22.08	21.65	21.95	23.00
10	16QAM	1	25	21.61	21.98	22.16	21.69	21.95	23.00
10	16QAM	1	49	21.63	21.89	22.15	21.70	21.97	23.00
10	16QAM	25	0	20.68	20.91	21.22	20.93	21.01	22.00
10	16QAM	25	12	20.60	20.90	21.18	20.89	21.08	22.00
10	16QAM	25	25	20.50	20.83	21.03	20.67	21.02	22.00
10	16QAM	50	0	20.54	20.95	21.14	20.75	21.01	22.00
10	64QAM	1	0	20.75	21.01	21.23	20.91	21.15	22.00
10	64QAM	1	25	20.70	20.86	21.13	20.83	20.98	22.00
10	64QAM	1	49	20.68	20.90	21.09	20.71	21.06	22.00
10	64QAM	25	0	19.68	20.09	20.21	19.94	20.08	21.00
10	64QAM	25	12	19.71	19.87	20.16	19.85	19.94	21.00
10	64QAM	25	25	19.53	19.92	20.12	19.78	19.91	21.00
10	64QAM	50	0	19.68	19.92	20.04	19.65	20.00	21.00
10	256QAM	1	0	17.82	18.13	18.28	17.83	17.99	19.00
10	256QAM	1	25	17.74	17.96	18.04	17.81	17.99	19.00
10	256QAM	1	49	17.50	17.77	17.93	17.67	17.93	19.00
10	256QAM	25	0	17.75	18.02	18.22	17.96	18.08	19.00
10	256QAM	25	12	17.73	17.93	18.21	17.95	18.11	19.00
10	256QAM	25	25	17.64	18.02	18.09	17.89	17.93	19.00
10	256QAM	50	0	17.65	17.99	18.13	17.93	18.13	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	22.87	23.22	23.38	23.06	23.36	24.00
5	QPSK	1	12	22.47	22.95	23.02	22.71	22.92	24.00
5	QPSK	1	24	22.52	22.89	23.07	22.78	23.00	24.00
5	QPSK	12	0	21.67	22.02	22.14	21.77	22.12	23.00
5	QPSK	12	7	21.52	21.86	22.14	21.74	21.92	23.00
5	QPSK	12	13	21.60	21.83	22.03	21.75	21.99	23.00
5	QPSK	25	0	21.65	21.86	22.07	21.64	22.01	23.00
5	16QAM	1	0	21.54	21.85	22.07	21.72	21.83	23.00
5	16QAM	1	12	21.65	21.98	22.17	21.71	22.01	23.00
5	16QAM	1	24	21.65	21.76	22.07	21.81	22.03	23.00
5	16QAM	12	0	20.70	20.94	21.20	20.81	20.96	22.00
5	16QAM	12	7	20.56	20.89	21.18	20.79	21.08	22.00
5	16QAM	12	13	20.54	20.84	21.03	20.62	20.93	22.00
5	16QAM	25	0	20.49	20.95	21.10	20.72	20.94	22.00
5	64QAM	1	0	20.71	20.95	21.11	20.88	21.09	22.00
5	64QAM	1	12	20.63	20.91	21.18	20.94	21.00	22.00
5	64QAM	1	24	20.62	20.95	21.11	20.83	21.06	22.00
5	64QAM	12	0	19.68	20.13	20.18	19.96	20.10	21.00
5	64QAM	12	7	19.60	19.91	20.20	19.90	19.95	21.00
5	64QAM	12	13	19.47	19.90	20.12	19.68	19.97	21.00
5	64QAM	25	0	19.67	19.96	20.02	19.71	19.92	21.00
5	256QAM	1	0	17.85	18.14	18.20	17.84	18.07	19.00
5	256QAM	1	12	17.63	17.92	18.05	17.86	17.97	19.00
5	256QAM	1	24	17.60	17.72	18.00	17.58	17.90	19.00
5	256QAM	12	0	17.83	17.98	18.20	17.95	18.15	19.00
5	256QAM	12	7	17.79	18.00	18.13	17.90	18.17	19.00
5	256QAM	12	13	17.54	17.99	18.12	17.86	17.91	19.00
5	256QAM	25	0	17.73	17.99	18.16	17.89	18.14	19.00

【LTE Band 41_FCC (2496~2690MHz)_Ant

2_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	22.91	23.27	23.41	23.13	23.37	24.00
20	QPSK	1	49	22.60	22.99	23.15	22.74	22.98	24.00
20	QPSK	1	99	22.55	22.93	23.13	22.80	23.02	24.00
20	QPSK	50	0	21.73	22.07	22.25	21.91	22.16	23.00
20	QPSK	50	24	21.61	21.95	22.17	21.89	22.03	23.00
20	QPSK	50	50	21.61	21.97	22.15	21.79	22.04	23.00
20	QPSK	100	0	21.67	21.96	22.16	21.79	22.09	23.00
20	16QAM	1	0	21.59	21.96	22.10	21.79	21.97	23.00
20	16QAM	1	49	21.68	22.06	22.22	21.83	22.08	23.00
20	16QAM	1	99	21.68	21.91	22.17	21.84	22.05	23.00
20	16QAM	50	0	20.71	21.05	21.28	20.95	21.10	22.00

20	16QAM	50	24	20.69	20.94	21.20	20.90	21.12	22.00
20	16QAM	50	50	20.63	20.97	21.15	20.77	21.07	22.00
20	16QAM	100	0	20.61	21.04	21.20	20.82	21.08	22.00
20	64QAM	1	0	20.78	21.03	21.25	20.98	21.20	22.00
20	64QAM	1	49	20.74	21.01	21.26	20.98	21.11	22.00
20	64QAM	1	99	20.76	21.00	21.22	20.85	21.10	22.00
20	64QAM	50	0	19.80	20.15	20.33	20.00	20.21	21.00
20	64QAM	50	24	19.73	19.99	20.21	19.92	20.08	21.00
20	64QAM	50	50	19.61	19.96	20.18	19.83	20.00	21.00
20	64QAM	100	0	19.73	20.03	20.17	19.80	20.03	21.00
20	256QAM	1	0	17.86	18.15	18.30	17.94	18.13	19.00
20	256QAM	1	49	17.77	18.02	18.18	17.92	18.10	19.00
20	256QAM	1	99	17.61	17.80	18.01	17.71	17.96	19.00
20	256QAM	50	0	17.88	18.12	18.29	17.97	18.19	19.00
20	256QAM	50	24	17.80	18.07	18.23	17.98	18.19	19.00
20	256QAM	50	50	17.69	18.03	18.20	17.96	18.03	19.00
20	256QAM	100	0	17.74	18.09	18.25	17.99	18.15	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	22.79	23.19	23.27	23.04	23.23	24.00
15	QPSK	1	37	22.50	22.95	23.07	22.65	22.93	24.00
15	QPSK	1	74	22.45	22.82	23.09	22.68	22.96	24.00
15	QPSK	36	0	21.70	21.93	22.23	21.82	22.11	23.00
15	QPSK	36	20	21.52	21.83	22.11	21.75	21.98	23.00
15	QPSK	36	39	21.55	21.92	22.11	21.71	22.02	23.00
15	QPSK	75	0	21.62	21.94	22.14	21.76	22.04	23.00
15	16QAM	1	0	21.54	21.89	22.02	21.74	21.85	23.00
15	16QAM	1	37	21.65	22.01	22.17	21.71	21.96	23.00
15	16QAM	1	74	21.57	21.77	22.16	21.75	22.01	23.00
15	16QAM	36	0	20.61	20.91	21.24	20.92	21.08	22.00
15	16QAM	36	20	20.58	20.93	21.07	20.86	21.06	22.00
15	16QAM	36	39	20.59	20.93	21.04	20.67	20.93	22.00
15	16QAM	75	0	20.59	20.98	21.10	20.71	21.06	22.00
15	64QAM	1	0	20.72	20.92	21.19	20.90	21.11	22.00
15	64QAM	1	37	20.72	20.97	21.12	20.87	21.08	22.00
15	64QAM	1	74	20.63	20.91	21.16	20.82	21.01	22.00
15	64QAM	36	0	19.71	20.13	20.22	19.91	20.07	21.00
15	64QAM	36	20	19.62	19.87	20.09	19.84	20.05	21.00
15	64QAM	36	39	19.59	19.87	20.12	19.76	19.87	21.00
15	64QAM	75	0	19.68	20.02	20.05	19.68	19.93	21.00
15	256QAM	1	0	17.82	18.02	18.16	17.82	18.08	19.00
15	256QAM	1	37	17.67	17.97	18.04	17.82	17.96	19.00
15	256QAM	1	74	17.56	17.75	17.90	17.62	17.89	19.00
15	256QAM	36	0	17.73	17.99	18.26	17.83	18.11	19.00
15	256QAM	36	20	17.77	17.95	18.10	17.87	18.14	19.00
15	256QAM	36	39	17.56	17.89	18.05	17.92	17.96	19.00
15	256QAM	75	0	17.70	17.99	18.22	17.87	18.03	19.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	22.83	23.16	23.35	23.05	23.23	24.00
10	QPSK	1	25	22.52	22.90	23.09	22.67	22.85	24.00
10	QPSK	1	49	22.52	22.83	23.03	22.75	22.98	24.00
10	QPSK	25	0	21.69	21.95	22.11	21.83	22.09	23.00
10	QPSK	25	12	21.59	21.80	22.04	21.87	21.89	23.00
10	QPSK	25	25	21.47	21.87	22.04	21.64	22.00	23.00
10	QPSK	50	0	21.61	21.90	22.13	21.78	21.95	23.00
10	16QAM	1	0	21.44	21.82	22.08	21.65	21.95	23.00
10	16QAM	1	25	21.61	21.98	22.16	21.69	21.95	23.00
10	16QAM	1	49	21.63	21.89	22.15	21.70	21.97	23.00
10	16QAM	25	0	20.68	20.91	21.22	20.93	21.01	22.00
10	16QAM	25	12	20.60	20.90	21.18	20.89	21.08	22.00
10	16QAM	25	25	20.50	20.83	21.03	20.67	21.02	22.00
10	16QAM	50	0	20.54	20.95	21.14	20.75	21.01	22.00
10	64QAM	1	0	20.75	21.01	21.23	20.91	21.15	22.00
10	64QAM	1	25	20.70	20.86	21.13	20.83	20.98	22.00
10	64QAM	1	49	20.68	20.90	21.09	20.71	21.06	22.00
10	64QAM	25	0	19.68	20.09	20.21	19.94	20.08	21.00
10	64QAM	25	12	19.71	19.87	20.16	19.85	19.94	21.00
10	64QAM	25	25	19.53	19.92	20.12	19.78	19.91	21.00
10	64QAM	50	0	19.68	19.92	20.04	19.65	20.00	21.00
10	256QAM	1	0	17.82	18.13	18.28	17.83	17.99	19.00
10	256QAM	1	25	17.74	17.96	18.04	17.81	17.99	19.00
10	256QAM	1	49	17.50	17.77	17.93	17.67	17.93	19.00
10	256QAM	25	0	17.75	18.02	18.22	17.96	18.08	19.00
10	256QAM	25	12	17.73	17.93	18.21	17.95	18.11	19.00
10	256QAM	25	25	17.64	18.02	18.09	17.89	17.93	19.00

10	256QAM	50	0	17.65	17.99	18.13	17.93	18.13	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	22.87	23.22	23.38	23.06	23.36	24.00
5	QPSK	1	12	22.47	22.95	23.02	22.71	22.92	24.00
5	QPSK	1	24	22.52	22.89	23.07	22.78	23.00	24.00
5	QPSK	12	0	21.67	22.02	22.14	21.77	22.12	23.00
5	QPSK	12	7	21.52	21.86	22.14	21.74	21.92	23.00
5	QPSK	12	13	21.60	21.83	22.03	21.75	21.99	23.00
5	QPSK	25	0	21.65	21.86	22.07	21.64	22.01	23.00
5	16QAM	1	0	21.54	21.85	22.07	21.72	21.83	23.00
5	16QAM	1	12	21.65	21.98	22.17	21.71	22.01	23.00
5	16QAM	1	24	21.65	21.76	22.07	21.81	22.03	23.00
5	16QAM	12	0	20.70	20.94	21.20	20.81	20.96	22.00
5	16QAM	12	7	20.56	20.89	21.18	20.79	21.08	22.00
5	16QAM	12	13	20.54	20.84	21.03	20.62	20.93	22.00
5	16QAM	25	0	20.49	20.95	21.10	20.72	20.94	22.00
5	64QAM	1	0	20.71	20.95	21.11	20.88	21.09	22.00
5	64QAM	1	12	20.63	20.91	21.18	20.94	21.00	22.00
5	64QAM	1	24	20.62	20.95	21.11	20.83	21.06	22.00
5	64QAM	12	0	19.68	20.13	20.18	19.96	20.10	21.00
5	64QAM	12	7	19.60	19.91	20.20	19.90	19.95	21.00
5	64QAM	12	13	19.47	19.90	20.12	19.68	19.97	21.00
5	64QAM	25	0	19.67	19.96	20.02	19.71	19.92	21.00
5	256QAM	1	0	17.85	18.14	18.20	17.84	18.07	19.00
5	256QAM	1	12	17.63	17.92	18.05	17.86	17.97	19.00
5	256QAM	1	24	17.60	17.72	18.00	17.58	17.90	19.00
5	256QAM	12	0	17.83	17.98	18.20	17.95	18.15	19.00
5	256QAM	12	7	17.79	18.00	18.13	17.90	18.17	19.00
5	256QAM	12	13	17.54	17.99	18.12	17.86	17.91	19.00
5	256QAM	25	0	17.73	17.99	18.16	17.89	18.14	19.00

【LTE Band 41_FCC (2496~2690MHz)_Ant

2_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	22.91	23.27	23.41	23.13	23.37	24.00
20	QPSK	1	49	22.60	22.99	23.15	22.74	22.98	24.00
20	QPSK	1	99	22.55	22.93	23.13	22.80	23.02	24.00
20	QPSK	50	0	21.73	22.07	22.25	21.91	22.16	23.00
20	QPSK	50	24	21.61	21.95	22.17	21.89	22.03	23.00
20	QPSK	50	50	21.61	21.97	22.15	21.79	22.04	23.00
20	QPSK	100	0	21.67	21.96	22.16	21.79	22.09	23.00
20	16QAM	1	0	21.59	21.96	22.10	21.79	21.97	23.00
20	16QAM	1	49	21.68	22.06	22.22	21.83	22.08	23.00
20	16QAM	1	99	21.68	21.91	22.17	21.84	22.05	23.00
20	16QAM	50	0	20.71	21.05	21.28	20.95	21.10	22.00
20	16QAM	50	24	20.69	20.94	21.20	20.90	21.12	22.00
20	16QAM	50	50	20.63	20.97	21.15	20.77	21.07	22.00
20	16QAM	100	0	20.61	21.04	21.20	20.82	21.08	22.00
20	64QAM	1	0	20.78	21.03	21.25	20.98	21.20	22.00
20	64QAM	1	49	20.74	21.01	21.26	20.98	21.11	22.00
20	64QAM	1	99	20.76	21.00	21.22	20.85	21.10	22.00
20	64QAM	50	0	19.80	20.15	20.33	20.00	20.21	21.00
20	64QAM	50	24	19.73	19.99	20.21	19.92	20.08	21.00
20	64QAM	50	50	19.61	19.96	20.18	19.83	20.00	21.00
20	64QAM	100	0	19.73	20.03	20.17	19.80	20.03	21.00
20	256QAM	1	0	17.86	18.15	18.30	17.94	18.13	19.00
20	256QAM	1	49	17.77	18.02	18.18	17.92	18.10	19.00
20	256QAM	1	99	17.61	17.80	18.01	17.71	17.96	19.00
20	256QAM	50	0	17.88	18.12	18.29	17.97	18.19	19.00
20	256QAM	50	24	17.80	18.07	18.23	17.98	18.19	19.00
20	256QAM	50	50	17.69	18.03	18.20	17.96	18.03	19.00
20	256QAM	100	0	17.74	18.09	18.25	17.99	18.15	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	22.79	23.19	23.27	23.04	23.23	24.00
15	QPSK	1	37	22.50	22.95	23.07	22.65	22.93	24.00

15	QPSK	1	74	22.45	22.82	23.09	22.68	22.96	24.00
15	QPSK	36	0	21.70	21.93	22.23	21.82	22.11	23.00
15	QPSK	36	20	21.52	21.83	22.11	21.75	21.98	23.00
15	QPSK	36	39	21.55	21.92	22.11	21.71	22.02	23.00
15	QPSK	75	0	21.62	21.94	22.14	21.76	22.04	23.00
15	16QAM	1	0	21.54	21.89	22.02	21.74	21.85	23.00
15	16QAM	1	37	21.65	22.01	22.17	21.71	21.96	23.00
15	16QAM	1	74	21.57	21.77	22.16	21.75	22.01	23.00
15	16QAM	36	0	20.61	20.91	21.24	20.92	21.08	22.00
15	16QAM	36	20	20.58	20.93	21.07	20.86	21.06	22.00
15	16QAM	36	39	20.59	20.93	21.04	20.67	20.93	22.00
15	16QAM	75	0	20.59	20.98	21.10	20.71	21.06	22.00
15	64QAM	1	0	20.72	20.92	21.19	20.90	21.11	22.00
15	64QAM	1	37	20.72	20.97	21.12	20.87	21.08	22.00
15	64QAM	1	74	20.63	20.91	21.16	20.82	21.01	22.00
15	64QAM	36	0	19.71	20.13	20.22	19.91	20.07	21.00
15	64QAM	36	20	19.62	19.87	20.09	19.84	20.05	21.00
15	64QAM	36	39	19.59	19.87	20.12	19.76	19.87	21.00
15	64QAM	75	0	19.68	20.02	20.05	19.68	19.93	21.00
15	256QAM	1	0	17.82	18.02	18.16	17.82	18.08	19.00
15	256QAM	1	37	17.67	17.97	18.04	17.82	17.96	19.00
15	256QAM	1	74	17.56	17.75	17.90	17.62	17.89	19.00
15	256QAM	36	0	17.73	17.99	18.26	17.83	18.11	19.00
15	256QAM	36	20	17.77	17.95	18.10	17.87	18.14	19.00
15	256QAM	36	39	17.56	17.89	18.05	17.92	17.96	19.00
15	256QAM	75	0	17.70	17.99	18.22	17.87	18.03	19.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	22.83	23.16	23.35	23.05	23.23	24.00
10	QPSK	1	25	22.52	22.90	23.09	22.67	22.85	24.00
10	QPSK	1	49	22.52	22.83	23.03	22.75	22.98	24.00
10	QPSK	25	0	21.69	21.95	22.11	21.83	22.09	23.00
10	QPSK	25	12	21.59	21.80	22.04	21.87	21.89	23.00
10	QPSK	25	25	21.47	21.87	22.04	21.64	22.00	23.00
10	QPSK	50	0	21.61	21.90	22.13	21.78	21.95	23.00
10	16QAM	1	0	21.44	21.82	22.08	21.65	21.95	23.00
10	16QAM	1	25	21.61	21.98	22.16	21.69	21.95	23.00
10	16QAM	1	49	21.63	21.89	22.15	21.70	21.97	23.00
10	16QAM	25	0	20.68	20.91	21.22	20.93	21.01	22.00
10	16QAM	25	12	20.60	20.90	21.18	20.89	21.08	22.00
10	16QAM	25	25	20.50	20.83	21.03	20.67	21.02	22.00
10	16QAM	50	0	20.54	20.95	21.14	20.75	21.01	22.00
10	64QAM	1	0	20.75	21.01	21.23	20.91	21.15	22.00
10	64QAM	1	25	20.70	20.86	21.13	20.83	20.98	22.00
10	64QAM	1	49	20.68	20.90	21.09	20.71	21.06	22.00
10	64QAM	25	0	19.68	20.09	20.21	19.94	20.08	21.00
10	64QAM	25	12	19.71	19.87	20.16	19.85	19.94	21.00
10	64QAM	25	25	19.53	19.92	20.12	19.78	19.91	21.00
10	64QAM	50	0	19.68	19.92	20.04	19.65	20.00	21.00
10	256QAM	1	0	17.82	18.13	18.28	17.83	17.99	19.00
10	256QAM	1	25	17.74	17.96	18.04	17.81	17.99	19.00
10	256QAM	1	49	17.50	17.77	17.93	17.67	17.93	19.00
10	256QAM	25	0	17.75	18.02	18.22	17.96	18.08	19.00
10	256QAM	25	12	17.73	17.93	18.21	17.95	18.11	19.00
10	256QAM	25	25	17.64	18.02	18.09	17.89	17.93	19.00
10	256QAM	50	0	17.65	17.99	18.13	17.93	18.13	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	22.87	23.22	23.38	23.06	23.36	24.00
5	QPSK	1	12	22.47	22.95	23.02	22.71	22.92	24.00
5	QPSK	1	24	22.52	22.89	23.07	22.78	23.00	24.00
5	QPSK	12	0	21.67	22.02	22.14	21.77	22.12	23.00
5	QPSK	12	7	21.52	21.86	22.14	21.74	21.92	23.00
5	QPSK	12	13	21.60	21.83	22.03	21.75	21.99	23.00
5	QPSK	25	0	21.65	21.86	22.07	21.64	22.01	23.00
5	16QAM	1	0	21.54	21.85	22.07	21.72	21.83	23.00
5	16QAM	1	12	21.65	21.98	22.17	21.71	22.01	23.00
5	16QAM	1	24	21.65	21.76	22.07	21.81	22.03	23.00
5	16QAM	12	0	20.70	20.94	21.20	20.81	20.96	22.00
5	16QAM	12	7	20.56	20.89	21.18	20.79	21.08	22.00
5	16QAM	12	13	20.54	20.84	21.03	20.62	20.93	22.00
5	16QAM	25	0	20.49	20.95	21.10	20.72	20.94	22.00
5	64QAM	1	0	20.71	20.95	21.11	20.88	21.09	22.00
5	64QAM	1	12	20.63	20.91	21.18	20.94	21.00	22.00
5	64QAM	1	24	20.62	20.95	21.11	20.83	21.06	22.00
5	64QAM	12	0	19.68	20.13	20.18	19.96	20.10	21.00

5	64QAM	12	7	19.60	19.91	20.20	19.90	19.95	21.00
5	64QAM	12	13	19.47	19.90	20.12	19.68	19.97	21.00
5	64QAM	25	0	19.67	19.96	20.02	19.71	19.92	21.00
5	256QAM	1	0	17.85	18.14	18.20	17.84	18.07	19.00
5	256QAM	1	12	17.63	17.92	18.05	17.86	17.97	19.00
5	256QAM	1	24	17.60	17.72	18.00	17.58	17.90	19.00
5	256QAM	12	0	17.83	17.98	18.20	17.95	18.15	19.00
5	256QAM	12	7	17.79	18.00	18.13	17.90	18.17	19.00
5	256QAM	12	13	17.54	17.99	18.12	17.86	17.91	19.00
5	256QAM	25	0	17.73	17.99	18.16	17.89	18.14	19.00

【LTE Band 41_FCC (2496~2690MHz)_Ant

2_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	Tune-up limit (dBm)
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	22.56	22.49	22.58	22.51	22.55	23.80
20	QPSK	1	49	22.43	22.45	22.48	22.35	22.40	23.80
20	QPSK	1	99	22.48	22.46	22.44	22.41	22.38	23.80
20	QPSK	50	0	22.11	22.02	22.20	22.08	22.10	23.00
20	QPSK	50	24	22.09	22.02	22.15	22.00	22.03	23.00
20	QPSK	50	50	22.02	21.89	22.13	21.96	22.07	23.00
20	QPSK	100	0	22.00	21.97	22.12	22.01	22.06	23.00
20	16QAM	1	0	21.99	21.88	22.08	21.98	21.94	23.00
20	16QAM	1	49	21.98	21.87	22.11	21.89	22.03	23.00
20	16QAM	1	99	21.98	22.01	22.15	22.07	22.07	23.00
20	16QAM	50	0	21.03	21.07	21.18	20.99	21.00	22.00
20	16QAM	50	24	21.09	21.00	21.15	21.06	20.99	22.00
20	16QAM	50	50	21.01	20.91	21.13	21.00	21.02	22.00
20	16QAM	100	0	21.02	20.95	21.08	20.88	21.02	22.00
20	64QAM	1	0	21.01	21.02	21.13	20.96	21.00	22.00
20	64QAM	1	49	21.06	21.00	21.16	20.98	21.01	22.00
20	64QAM	1	99	20.97	20.98	21.12	21.02	21.03	22.00
20	64QAM	50	0	20.21	20.19	20.30	20.11	20.17	21.00
20	64QAM	50	24	20.06	20.05	20.20	19.99	20.07	21.00
20	64QAM	50	50	20.07	19.97	20.19	20.01	20.13	21.00
20	64QAM	100	0	20.09	20.12	20.23	20.14	20.12	21.00
20	256QAM	1	0	18.22	18.09	18.25	18.11	18.17	19.00
20	256QAM	1	49	18.16	18.06	18.22	18.14	18.07	19.00
20	256QAM	1	99	17.98	17.96	18.07	17.98	18.00	19.00
20	256QAM	50	0	18.09	18.07	18.25	18.11	18.10	19.00
20	256QAM	50	24	18.11	18.07	18.21	18.01	18.10	19.00
20	256QAM	50	50	18.04	17.91	18.11	17.92	18.04	19.00
20	256QAM	100	0	17.96	17.89	18.09	17.91	17.99	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	22.45	22.41	22.52	22.40	22.40	23.80
15	QPSK	1	37	22.40	22.43	22.46	22.29	22.31	23.80
15	QPSK	1	74	22.43	22.34	22.31	22.34	22.34	23.80
15	QPSK	36	0	21.98	21.91	22.13	21.96	22.01	23.00
15	QPSK	36	20	22.02	21.88	22.09	21.87	22.01	23.00
15	QPSK	36	39	21.88	21.87	22.01	21.91	21.95	23.00
15	QPSK	75	0	21.93	21.91	22.03	21.92	22.01	23.00
15	16QAM	1	0	21.94	21.84	22.06	21.92	21.89	23.00
15	16QAM	1	37	21.84	21.79	22.09	21.85	21.99	23.00
15	16QAM	1	74	21.87	21.97	22.03	22.05	21.99	23.00
15	16QAM	36	0	21.01	21.03	21.12	20.94	20.99	22.00
15	16QAM	36	20	20.97	20.89	21.06	20.96	20.94	22.00
15	16QAM	36	39	20.88	20.82	21.01	20.90	20.99	22.00
15	16QAM	75	0	20.96	20.90	21.04	20.75	20.94	22.00
15	64QAM	1	0	20.88	20.89	20.99	20.95	20.88	22.00
15	64QAM	1	37	20.98	20.98	21.07	20.97	20.96	22.00
15	64QAM	1	74	20.92	20.93	21.06	20.99	20.93	22.00
15	64QAM	36	0	20.13	20.16	20.22	20.04	20.13	21.00
15	64QAM	36	20	19.94	19.99	20.07	19.86	20.00	21.00
15	64QAM	36	39	20.02	19.91	20.05	19.91	20.12	21.00
15	64QAM	75	0	20.00	20.11	20.18	20.07	20.11	21.00
15	256QAM	1	0	18.12	18.01	18.17	18.03	18.14	19.00
15	256QAM	1	37	18.04	17.98	18.13	18.06	17.97	19.00
15	256QAM	1	74	17.91	17.93	17.99	17.93	17.95	19.00

15	256QAM	36	0	18.06	17.97	18.10	18.07	17.96	19.00
15	256QAM	36	20	18.00	18.02	18.14	17.94	18.02	19.00
15	256QAM	36	39	17.93	17.78	18.10	17.83	17.95	19.00
15	256QAM	75	0	17.93	17.75	18.05	17.89	17.96	19.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	22.44	22.44	22.48	22.39	22.40	23.80
10	QPSK	1	25	22.37	22.39	22.38	22.27	22.27	23.80
10	QPSK	1	49	22.35	22.40	22.29	22.37	22.28	23.80
10	QPSK	25	0	22.00	21.94	22.22	21.97	21.99	23.00
10	QPSK	25	12	22.08	21.95	22.07	21.92	22.00	23.00
10	QPSK	25	25	22.01	21.87	22.02	21.86	22.00	23.00
10	QPSK	50	0	21.88	21.85	22.08	21.90	21.94	23.00
10	16QAM	1	0	21.95	21.75	21.97	21.85	21.87	23.00
10	16QAM	1	25	21.88	21.75	22.06	21.81	21.96	23.00
10	16QAM	1	49	21.85	21.90	22.13	21.96	21.93	23.00
10	16QAM	25	0	20.88	20.99	21.16	20.95	20.91	22.00
10	16QAM	25	12	20.96	20.85	21.09	20.97	20.92	22.00
10	16QAM	25	25	20.98	20.78	21.05	20.89	20.95	22.00
10	16QAM	50	0	20.99	20.89	20.98	20.85	20.94	22.00
10	64QAM	1	0	20.90	20.92	21.10	20.87	20.96	22.00
10	64QAM	1	25	20.93	20.93	21.11	20.94	20.98	22.00
10	64QAM	1	49	20.93	20.83	21.06	20.99	20.93	22.00
10	64QAM	25	0	20.14	20.09	20.19	20.00	20.11	21.00
10	64QAM	25	12	19.95	19.99	20.12	19.95	20.01	21.00
10	64QAM	25	25	19.99	19.93	20.08	19.88	19.98	21.00
10	64QAM	50	0	20.07	20.03	20.09	20.03	20.08	21.00
10	256QAM	1	0	18.08	18.02	18.12	18.02	18.04	19.00
10	256QAM	1	25	18.13	17.92	18.09	18.01	17.95	19.00
10	256QAM	1	49	17.91	17.83	18.04	17.93	17.94	19.00
10	256QAM	25	0	18.00	18.01	18.13	18.01	18.09	19.00
10	256QAM	25	12	18.06	17.97	18.10	17.93	18.01	19.00
10	256QAM	25	25	18.01	17.90	17.98	17.83	18.00	19.00
10	256QAM	50	0	17.89	17.87	17.98	17.83	17.88	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	22.51	22.34	22.53	22.46	22.42	23.80
5	QPSK	1	12	22.30	22.42	22.35	22.30	22.36	23.80
5	QPSK	1	24	22.34	22.40	22.34	22.34	22.32	23.80
5	QPSK	12	0	22.01	21.87	22.21	21.98	22.00	23.00
5	QPSK	12	7	22.00	21.99	22.02	21.99	21.97	23.00
5	QPSK	12	13	21.91	21.76	22.06	21.87	22.00	23.00
5	QPSK	25	0	21.97	21.88	22.10	21.94	21.91	23.00
5	16QAM	1	0	21.94	21.77	21.98	21.94	21.85	23.00
5	16QAM	1	12	21.84	21.80	22.03	21.81	21.93	23.00
5	16QAM	1	24	21.85	21.96	22.13	21.97	21.98	23.00
5	16QAM	12	0	20.95	20.92	21.17	20.91	20.87	22.00
5	16QAM	12	7	20.98	20.97	21.09	20.98	20.91	22.00
5	16QAM	12	13	20.87	20.82	21.07	20.86	20.88	22.00
5	16QAM	25	0	20.91	20.82	20.99	20.82	20.98	22.00
5	64QAM	1	0	20.99	20.93	21.00	20.92	20.89	22.00
5	64QAM	1	12	21.00	20.92	21.11	20.92	20.95	22.00
5	64QAM	1	24	20.94	20.87	20.99	20.94	20.98	22.00
5	64QAM	12	0	20.10	20.12	20.20	19.99	20.16	21.00
5	64QAM	12	7	20.01	19.99	20.06	19.90	20.04	21.00
5	64QAM	12	13	19.92	19.91	20.10	19.94	20.09	21.00
5	64QAM	25	0	19.99	20.08	20.10	20.04	20.06	21.00
5	256QAM	1	0	18.13	18.05	18.17	18.06	18.13	19.00
5	256QAM	1	12	18.09	17.94	18.12	18.00	17.95	19.00
5	256QAM	1	24	17.96	17.85	17.95	17.89	17.86	19.00
5	256QAM	12	0	18.07	18.00	18.18	18.05	18.06	19.00
5	256QAM	12	7	18.00	18.05	18.12	17.91	18.07	19.00
5	256QAM	12	13	17.97	17.79	18.05	17.80	17.92	19.00
5	256QAM	25	0	17.93	17.78	18.07	17.80	17.88	19.00

【LTE Band 41__FCC (2496~2690MHz)_Ant

9_Full Power】

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	24.00
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	22.46	22.41	23.01	22.98	22.76	24.00
20	QPSK	1	49	22.32	22.25	22.85	22.86	22.62	24.00
20	QPSK	1	99	22.23	22.18	22.77	22.76	22.50	24.00
20	QPSK	50	0	21.48	21.46	21.96	21.95	21.79	23.00
20	QPSK	50	24	21.33	21.42	21.89	21.90	21.71	23.00
20	QPSK	50	50	21.31	21.31	21.78	21.85	21.71	23.00
20	QPSK	100	0	21.38	21.43	21.84	21.83	21.70	23.00
20	16QAM	1	0	21.51	21.47	22.04	21.99	21.79	23.00
20	16QAM	1	49	21.51	21.54	21.96	22.08	21.75	23.00
20	16QAM	1	99	21.23	21.25	21.80	21.76	21.64	23.00
20	16QAM	50	0	20.59	20.55	21.00	20.99	20.75	22.00
20	16QAM	50	24	20.43	20.39	20.94	20.94	20.73	22.00
20	16QAM	50	50	20.39	20.32	20.90	20.93	20.64	22.00
20	16QAM	100	0	20.33	20.30	20.89	20.85	20.75	22.00
20	64QAM	1	0	20.46	20.36	20.97	20.92	20.78	22.00
20	64QAM	1	49	20.61	20.48	20.99	20.96	20.85	22.00
20	64QAM	1	99	20.51	20.42	21.02	20.87	20.81	22.00
20	64QAM	50	0	19.48	19.38	19.99	20.00	19.72	21.00
20	64QAM	50	24	19.34	19.36	19.90	20.00	19.63	21.00
20	64QAM	50	50	19.33	19.34	19.84	19.91	19.68	21.00
20	64QAM	100	0	19.45	19.39	19.94	19.89	19.76	21.00
20	256QAM	1	0	17.47	17.32	17.90	17.99	17.73	19.00
20	256QAM	1	49	17.39	17.36	17.92	17.94	17.71	19.00
20	256QAM	1	99	17.43	17.33	17.88	17.96	17.66	19.00
20	256QAM	50	0	17.68	17.50	18.04	18.17	17.86	19.00
20	256QAM	50	24	17.37	17.37	17.93	17.93	17.62	19.00
20	256QAM	50	50	17.47	17.36	17.86	17.98	17.58	19.00
20	256QAM	100	0	17.51	17.33	17.91	17.90	17.71	19.00
Channel				39725	40173	40620	41068	41515	24.00
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	22.37	22.28	22.92	22.84	22.62	24.00
15	QPSK	1	37	22.19	22.21	22.81	22.79	22.53	24.00
15	QPSK	1	74	22.12	22.06	22.72	22.64	22.47	24.00
15	QPSK	36	0	21.46	21.39	21.90	21.92	21.76	23.00
15	QPSK	36	20	21.30	21.35	21.78	21.81	21.68	23.00
15	QPSK	36	39	21.26	21.21	21.66	21.82	21.66	23.00
15	QPSK	75	0	21.29	21.37	21.70	21.69	21.60	23.00
15	16QAM	1	0	21.49	21.32	22.01	21.98	21.69	23.00
15	16QAM	1	37	21.40	21.48	21.91	21.97	21.63	23.00
15	16QAM	1	74	21.14	21.19	21.78	21.72	21.57	23.00
15	16QAM	36	0	20.53	20.51	20.93	20.93	20.64	22.00
15	16QAM	36	20	20.30	20.34	20.83	20.90	20.72	22.00
15	16QAM	36	39	20.36	20.26	20.81	20.82	20.57	22.00
15	16QAM	75	0	20.27	20.26	20.86	20.73	20.70	22.00
15	64QAM	1	0	20.39	20.23	20.92	20.84	20.75	22.00
15	64QAM	1	37	20.48	20.36	20.96	20.93	20.81	22.00
15	64QAM	1	74	20.42	20.38	20.92	20.81	20.79	22.00
15	64QAM	36	0	19.34	19.37	19.96	19.94	19.60	21.00
15	64QAM	36	20	19.32	19.29	19.77	19.87	19.58	21.00
15	64QAM	36	39	19.28	19.19	19.69	19.85	19.62	21.00
15	64QAM	75	0	19.34	19.33	19.84	19.82	19.68	21.00
15	256QAM	1	0	17.39	17.30	17.80	17.97	17.70	19.00
15	256QAM	1	37	17.36	17.33	17.88	17.80	17.67	19.00
15	256QAM	1	74	17.41	17.21	17.85	17.93	17.61	19.00
15	256QAM	36	0	17.63	17.37	17.96	18.10	17.78	19.00
15	256QAM	36	20	17.32	17.33	17.81	17.81	17.48	19.00
15	256QAM	36	39	17.37	17.22	17.76	17.94	17.56	19.00
15	256QAM	75	0	17.37	17.23	17.82	17.81	17.56	19.00
Channel				39700	40160	40620	41080	41540	24.00
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	22.32	22.39	22.96	22.88	22.75	24.00
10	QPSK	1	25	22.30	22.19	22.74	22.77	22.53	24.00
10	QPSK	1	49	22.17	22.06	22.68	22.62	22.45	24.00
10	QPSK	25	0	21.41	21.39	21.90	21.83	21.67	23.00
10	QPSK	25	12	21.29	21.29	21.84	21.86	21.59	23.00
10	QPSK	25	25	21.19	21.28	21.68	21.73	21.58	23.00

10	QPSK	50	0	21.34	21.33	21.80	21.77	21.58	23.00
10	16QAM	1	0	21.44	21.36	21.99	21.91	21.72	23.00
10	16QAM	1	25	21.39	21.39	21.82	22.02	21.60	23.00
10	16QAM	1	49	21.21	21.12	21.69	21.65	21.62	23.00
10	16QAM	25	0	20.45	20.50	20.94	20.93	20.71	22.00
10	16QAM	25	12	20.33	20.31	20.88	20.91	20.66	22.00
10	16QAM	25	25	20.27	20.27	20.87	20.90	20.49	22.00
10	16QAM	50	0	20.27	20.25	20.84	20.84	20.68	22.00
10	64QAM	1	0	20.37	20.24	20.84	20.80	20.72	22.00
10	64QAM	1	25	20.47	20.37	20.91	20.87	20.75	22.00
10	64QAM	1	49	20.41	20.33	20.96	20.79	20.75	22.00
10	64QAM	25	0	19.39	19.36	19.91	19.97	19.61	21.00
10	64QAM	25	12	19.20	19.33	19.88	19.88	19.61	21.00
10	64QAM	25	25	19.30	19.31	19.77	19.77	19.53	21.00
10	64QAM	50	0	19.36	19.36	19.84	19.83	19.64	21.00
10	256QAM	1	0	17.34	17.24	17.80	17.85	17.69	19.00
10	256QAM	1	25	17.30	17.24	17.80	17.82	17.56	19.00
10	256QAM	1	49	17.42	17.32	17.76	17.85	17.64	19.00
10	256QAM	25	0	17.59	17.46	17.95	18.10	17.84	19.00
10	256QAM	25	12	17.24	17.36	17.90	17.89	17.50	19.00
10	256QAM	25	25	17.44	17.34	17.81	17.89	17.55	19.00
10	256QAM	50	0	17.37	17.25	17.82	17.85	17.56	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	22.40	22.34	22.88	22.89	22.62	24.00
5	QPSK	1	12	22.22	22.10	22.82	22.73	22.57	24.00
5	QPSK	1	24	22.21	22.08	22.68	22.65	22.36	24.00
5	QPSK	12	0	21.34	21.33	21.83	21.91	21.68	23.00
5	QPSK	12	7	21.29	21.29	21.85	21.82	21.58	23.00
5	QPSK	12	13	21.27	21.30	21.76	21.76	21.68	23.00
5	QPSK	25	0	21.32	21.34	21.78	21.70	21.57	23.00
5	16QAM	1	0	21.44	21.37	21.94	21.92	21.75	23.00
5	16QAM	1	12	21.46	21.49	21.83	21.98	21.63	23.00
5	16QAM	1	24	21.15	21.24	21.67	21.64	21.54	23.00
5	16QAM	12	0	20.57	20.49	20.94	20.86	20.73	22.00
5	16QAM	12	7	20.32	20.33	20.90	20.84	20.69	22.00
5	16QAM	12	13	20.35	20.31	20.85	20.80	20.59	22.00
5	16QAM	25	0	20.25	20.19	20.82	20.77	20.72	22.00
5	64QAM	1	0	20.45	20.29	20.92	20.80	20.77	22.00
5	64QAM	1	12	20.51	20.40	20.92	20.83	20.81	22.00
5	64QAM	1	24	20.48	20.29	20.91	20.85	20.67	22.00
5	64QAM	12	0	19.35	19.33	19.93	19.88	19.66	21.00
5	64QAM	12	7	19.28	19.22	19.81	19.90	19.62	21.00
5	64QAM	12	13	19.20	19.20	19.78	19.79	19.65	21.00
5	64QAM	25	0	19.34	19.33	19.80	19.77	19.72	21.00
5	256QAM	1	0	17.41	17.24	17.86	17.89	17.61	19.00
5	256QAM	1	12	17.29	17.31	17.78	17.88	17.57	19.00
5	256QAM	1	24	17.32	17.24	17.85	17.85	17.53	19.00
5	256QAM	12	0	17.57	17.48	18.03	18.04	17.82	19.00
5	256QAM	12	7	17.28	17.24	17.78	17.82	17.53	19.00
5	256QAM	12	13	17.40	17.31	17.81	17.89	17.49	19.00
5	256QAM	25	0	17.42	17.26	17.88	17.89	17.62	19.00

【LTE Band 41_FCC (2496~2690MHz)_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				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	22.43	22.42	22.53	22.46	22.37	23.40
20	QPSK	1	49	22.34	22.28	22.47	22.25	22.23	23.40
20	QPSK	1	99	22.36	22.39	22.43	22.39	22.21	23.40
20	QPSK	50	0	22.33	22.31	22.46	22.27	22.28	23.00
20	QPSK	50	24	21.77	21.69	21.92	21.77	21.73	23.00
20	QPSK	50	50	21.61	21.59	21.81	21.65	21.59	23.00
20	QPSK	100	0	21.55	21.65	21.79	21.69	21.57	23.00
20	16QAM	1	0	21.89	21.85	22.01	21.86	21.71	23.00
20	16QAM	1	49	21.76	21.78	21.94	21.76	21.68	23.00
20	16QAM	1	99	21.63	21.63	21.86	21.68	21.66	23.00
20	16QAM	50	0	20.69	20.62	20.81	20.72	20.56	22.00
20	16QAM	50	24	20.68	20.68	20.85	20.66	20.57	22.00

20	16QAM	50	50	20.60	20.55	20.79	20.62	20.60	22.00
20	16QAM	100	0	20.72	20.71	20.83	20.63	20.65	22.00
20	64QAM	1	0	20.63	20.71	20.85	20.67	20.68	22.00
20	64QAM	1	49	20.74	20.65	20.86	20.75	20.62	22.00
20	64QAM	1	99	20.65	20.61	20.77	20.64	20.52	22.00
20	64QAM	50	0	19.81	19.72	19.92	19.84	19.73	21.00
20	64QAM	50	24	19.82	19.75	19.93	19.86	19.71	21.00
20	64QAM	50	50	19.76	19.69	19.86	19.68	19.70	21.00
20	64QAM	100	0	19.69	19.68	19.82	19.69	19.66	21.00
20	256QAM	1	0	17.62	17.58	17.81	17.67	17.63	19.00
20	256QAM	1	49	17.63	17.73	17.83	17.71	17.68	19.00
20	256QAM	1	99	17.68	17.67	17.85	17.68	17.60	19.00
20	256QAM	50	0	17.78	17.87	18.01	17.85	17.77	19.00
20	256QAM	50	24	17.70	17.76	17.86	17.77	17.65	19.00
20	256QAM	50	50	17.65	17.68	17.81	17.74	17.58	19.00
20	256QAM	100	0	17.76	17.64	17.85	17.69	17.70	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	22.33	22.29	22.41	22.43	22.34	23.40
15	QPSK	1	37	22.26	22.14	22.37	22.13	22.21	23.40
15	QPSK	1	74	22.34	22.35	22.29	22.26	22.17	23.40
15	QPSK	36	0	22.21	22.24	22.33	22.12	22.13	23.00
15	QPSK	36	20	21.74	21.55	21.90	21.65	21.64	23.00
15	QPSK	36	39	21.52	21.53	21.79	21.51	21.55	23.00
15	QPSK	75	0	21.50	21.60	21.75	21.60	21.44	23.00
15	16QAM	1	0	21.84	21.77	21.88	21.81	21.61	23.00
15	16QAM	1	37	21.66	21.74	21.80	21.68	21.59	23.00
15	16QAM	1	74	21.51	21.60	21.71	21.58	21.56	23.00
15	16QAM	36	0	20.66	20.59	20.76	20.67	20.54	22.00
15	16QAM	36	20	20.60	20.63	20.79	20.64	20.52	22.00
15	16QAM	36	39	20.55	20.52	20.78	20.49	20.46	22.00
15	16QAM	75	0	20.60	20.62	20.71	20.54	20.63	22.00
15	64QAM	1	0	20.55	20.62	20.78	20.53	20.63	22.00
15	64QAM	1	37	20.66	20.60	20.72	20.67	20.54	22.00
15	64QAM	1	74	20.53	20.58	20.71	20.49	20.44	22.00
15	64QAM	36	0	19.80	19.68	19.79	19.73	19.72	21.00
15	64QAM	36	20	19.77	19.67	19.79	19.73	19.62	21.00
15	64QAM	36	39	19.70	19.59	19.72	19.63	19.63	21.00
15	64QAM	75	0	19.60	19.55	19.78	19.62	19.54	21.00
15	256QAM	1	0	17.56	17.44	17.70	17.57	17.61	19.00
15	256QAM	1	37	17.54	17.62	17.75	17.66	17.55	19.00
15	256QAM	1	74	17.60	17.56	17.79	17.62	17.54	19.00
15	256QAM	36	0	17.72	17.75	17.90	17.71	17.67	19.00
15	256QAM	36	20	17.65	17.70	17.75	17.66	17.56	19.00
15	256QAM	36	39	17.51	17.53	17.69	17.72	17.54	19.00
15	256QAM	75	0	17.66	17.53	17.74	17.65	17.66	19.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	22.29	22.30	22.51	22.45	22.31	23.40
10	QPSK	1	25	22.26	22.25	22.40	22.21	22.21	23.40
10	QPSK	1	49	22.28	22.32	22.38	22.35	22.14	23.40
10	QPSK	25	0	22.25	22.16	22.33	22.13	22.20	23.00
10	QPSK	25	12	21.67	21.62	21.82	21.72	21.60	23.00
10	QPSK	25	25	21.56	21.50	21.70	21.62	21.48	23.00
10	QPSK	50	0	21.51	21.52	21.75	21.60	21.48	23.00
10	16QAM	1	0	21.87	21.74	21.99	21.80	21.61	23.00
10	16QAM	1	25	21.69	21.63	21.91	21.72	21.65	23.00
10	16QAM	1	49	21.48	21.57	21.81	21.59	21.55	23.00
10	16QAM	25	0	20.67	20.57	20.74	20.63	20.48	22.00
10	16QAM	25	12	20.53	20.57	20.80	20.57	20.48	22.00
10	16QAM	25	25	20.46	20.42	20.69	20.56	20.51	22.00
10	16QAM	50	0	20.58	20.59	20.76	20.49	20.52	22.00
10	64QAM	1	0	20.57	20.70	20.70	20.60	20.59	22.00
10	64QAM	1	25	20.66	20.59	20.75	20.65	20.49	22.00
10	64QAM	1	49	20.59	20.57	20.64	20.61	20.50	22.00
10	64QAM	25	0	19.75	19.65	19.87	19.76	19.72	21.00
10	64QAM	25	12	19.73	19.69	19.89	19.72	19.63	21.00
10	64QAM	25	25	19.65	19.62	19.85	19.61	19.67	21.00
10	64QAM	50	0	19.55	19.62	19.74	19.57	19.62	21.00
10	256QAM	1	0	17.60	17.56	17.76	17.60	17.58	19.00
10	256QAM	1	25	17.53	17.64	17.80	17.62	17.58	19.00
10	256QAM	1	49	17.67	17.62	17.82	17.64	17.55	19.00
10	256QAM	25	0	17.77	17.82	17.98	17.77	17.64	19.00
10	256QAM	25	12	17.63	17.69	17.75	17.65	17.50	19.00
10	256QAM	25	25	17.51	17.55	17.66	17.71	17.49	19.00
10	256QAM	50	0	17.74	17.62	17.77	17.57	17.64	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	22.38	22.30	22.49	22.33	22.36	23.40
5	QPSK	1	12	22.23	22.17	22.41	22.23	22.20	23.40
5	QPSK	1	24	22.23	22.34	22.34	22.26	22.09	23.40
5	QPSK	12	0	22.27	22.20	22.37	22.18	22.25	23.00
5	QPSK	12	7	21.70	21.58	21.84	21.75	21.62	23.00
5	QPSK	12	13	21.57	21.46	21.79	21.60	21.47	23.00
5	QPSK	25	0	21.49	21.55	21.68	21.56	21.52	23.00
5	16QAM	1	0	21.83	21.78	21.99	21.78	21.59	23.00
5	16QAM	1	12	21.72	21.71	21.79	21.71	21.59	23.00
5	16QAM	1	24	21.49	21.49	21.71	21.55	21.56	23.00
5	16QAM	12	0	20.68	20.58	20.68	20.65	20.55	22.00
5	16QAM	12	7	20.61	20.61	20.82	20.54	20.46	22.00
5	16QAM	12	13	20.53	20.48	20.68	20.60	20.50	22.00
5	16QAM	25	0	20.68	20.63	20.69	20.49	20.61	22.00
5	64QAM	1	0	20.55	20.63	20.83	20.60	20.63	22.00
5	64QAM	1	12	20.63	20.54	20.80	20.74	20.61	22.00
5	64QAM	1	24	20.59	20.49	20.72	20.61	20.38	22.00
5	64QAM	12	0	19.68	19.64	19.82	19.78	19.67	21.00
5	64QAM	12	7	19.77	19.67	19.86	19.72	19.69	21.00
5	64QAM	12	13	19.70	19.60	19.76	19.67	19.62	21.00
5	64QAM	25	0	19.54	19.65	19.69	19.63	19.60	21.00
5	256QAM	1	0	17.57	17.48	17.76	17.60	17.59	19.00
5	256QAM	1	12	17.57	17.59	17.72	17.59	17.61	19.00
5	256QAM	1	24	17.54	17.55	17.75	17.63	17.46	19.00
5	256QAM	12	0	17.66	17.81	17.94	17.77	17.74	19.00
5	256QAM	12	7	17.58	17.62	17.74	17.68	17.63	19.00
5	256QAM	12	13	17.57	17.54	17.74	17.62	17.52	19.00
5	256QAM	25	0	17.64	17.57	17.72	17.58	17.63	19.00

【LTE Band 41__FCC (2496~2690MHz)_Ant

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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	19.97	20.06	20.08	19.91	20.02	21.20
20	QPSK	1	49	19.93	19.95	20.08	19.77	19.82	21.20
20	QPSK	1	99	19.93	19.89	20.02	19.80	19.84	21.20
20	QPSK	50	0	19.93	19.83	19.96	19.83	19.81	21.20
20	QPSK	50	24	19.79	19.82	19.78	19.78	19.80	21.20
20	QPSK	50	50	19.82	19.74	19.84	19.75	19.73	21.20
20	QPSK	100	0	19.73	19.59	19.90	19.57	19.63	21.20
20	16QAM	1	0	19.68	19.81	19.79	19.85	19.80	21.20
20	16QAM	1	49	19.77	19.72	19.71	19.78	19.76	21.20
20	16QAM	1	99	19.76	19.78	19.72	19.72	19.86	21.20
20	16QAM	50	0	19.94	19.83	19.75	19.83	19.83	21.20
20	16QAM	50	24	19.85	19.94	19.79	20.02	20.00	21.20
20	16QAM	50	50	19.93	19.86	19.88	19.92	19.90	21.20
20	16QAM	100	0	19.82	19.74	19.93	19.94	19.98	21.20
20	64QAM	1	0	19.84	19.86	19.85	19.96	19.90	21.20
20	64QAM	1	49	19.78	19.83	19.87	19.91	19.97	21.20
20	64QAM	1	99	19.81	19.80	19.93	19.94	19.93	21.20
20	64QAM	50	0	19.93	19.88	19.94	19.85	19.77	21.00
20	64QAM	50	24	19.90	19.84	19.88	19.81	19.74	21.00
20	64QAM	50	50	19.81	19.84	19.97	20.04	20.05	21.00
20	64QAM	100	0	19.85	19.82	19.92	19.97	19.90	21.00
20	256QAM	1	0	17.69	17.71	17.85	17.57	17.75	19.00
20	256QAM	1	49	17.58	17.64	17.79	17.59	17.63	19.00
20	256QAM	1	99	17.60	17.74	17.82	17.53	17.71	19.00
20	256QAM	50	0	17.84	17.84	17.95	17.71	17.76	19.00
20	256QAM	50	24	17.80	17.79	17.91	17.69	17.75	19.00
20	256QAM	50	50	17.64	17.76	17.85	17.63	17.75	19.00
20	256QAM	100	0	17.63	17.69	17.85	17.62	17.68	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	19.91	19.93	20.02	19.83	19.89	21.20
15	QPSK	1	37	19.87	19.89	20.05	19.76	19.74	21.20
15	QPSK	1	74	19.79	19.83	19.96	19.71	19.75	21.20

15	QPSK	36	0	19.84	19.79	19.93	19.70	19.79	21.20
15	QPSK	36	20	19.68	19.72	19.66	19.65	19.71	21.20
15	QPSK	36	39	19.77	19.64	19.73	19.69	19.70	21.20
15	QPSK	75	0	19.59	19.53	19.88	19.50	19.55	21.20
15	16QAM	1	0	19.57	19.72	19.77	19.71	19.77	21.20
15	16QAM	1	37	19.76	19.60	19.59	19.64	19.66	21.20
15	16QAM	1	74	19.65	19.72	19.68	19.61	19.75	21.20
15	16QAM	36	0	19.83	19.69	19.69	19.77	19.73	21.20
15	16QAM	36	20	19.80	19.92	19.69	19.88	19.98	21.20
15	16QAM	36	39	19.83	19.82	19.86	19.89	19.85	21.20
15	16QAM	75	0	19.67	19.73	19.83	19.89	19.95	21.20
15	64QAM	1	0	19.72	19.77	19.74	19.93	19.83	21.20
15	64QAM	1	37	19.75	19.79	19.77	19.79	19.96	21.20
15	64QAM	1	74	19.66	19.78	19.83	19.81	19.80	21.20
15	64QAM	36	0	19.88	19.79	19.79	19.70	19.74	21.00
15	64QAM	36	20	19.85	19.73	19.76	19.77	19.65	21.00
15	64QAM	36	39	19.79	19.71	19.90	20.00	19.92	21.00
15	64QAM	75	0	19.76	19.68	19.83	19.88	19.75	21.00
15	256QAM	1	0	17.62	17.62	17.71	17.53	17.73	19.00
15	256QAM	1	37	17.54	17.50	17.76	17.49	17.53	19.00
15	256QAM	1	74	17.49	17.68	17.80	17.48	17.56	19.00
15	256QAM	36	0	17.82	17.76	17.93	17.67	17.65	19.00
15	256QAM	36	20	17.67	17.68	17.84	17.59	17.62	19.00
15	256QAM	36	39	17.59	17.61	17.83	17.60	17.68	19.00
15	256QAM	75	0	17.58	17.57	17.71	17.55	17.60	19.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	19.90	20.00	19.94	19.78	19.92	21.20
10	QPSK	1	25	19.82	19.82	19.99	19.75	19.71	21.20
10	QPSK	1	49	19.90	19.87	19.90	19.77	19.80	21.20
10	QPSK	25	0	19.79	19.76	19.94	19.76	19.72	21.20
10	QPSK	25	12	19.67	19.70	19.63	19.75	19.70	21.20
10	QPSK	25	25	19.75	19.63	19.73	19.68	19.62	21.20
10	QPSK	50	0	19.65	19.53	19.87	19.55	19.58	21.20
10	16QAM	1	0	19.66	19.78	19.70	19.76	19.70	21.20
10	16QAM	1	25	19.72	19.70	19.67	19.75	19.63	21.20
10	16QAM	1	49	19.74	19.70	19.60	19.65	19.72	21.20
10	16QAM	25	0	19.84	19.77	19.73	19.69	19.72	21.20
10	16QAM	25	12	19.75	19.85	19.66	19.98	19.94	21.20
10	16QAM	25	25	19.86	19.74	19.78	19.79	19.84	21.20
10	16QAM	50	0	19.80	19.72	19.86	19.81	19.87	21.20
10	64QAM	1	0	19.71	19.78	19.82	19.85	19.86	21.20
10	64QAM	1	25	19.71	19.78	19.75	19.83	19.86	21.20
10	64QAM	1	49	19.67	19.70	19.92	19.80	19.83	21.20
10	64QAM	25	0	19.85	19.84	19.84	19.84	19.72	21.00
10	64QAM	25	12	19.89	19.74	19.86	19.71	19.70	21.00
10	64QAM	25	25	19.80	19.75	19.92	19.93	20.03	21.00
10	64QAM	50	0	19.72	19.80	19.88	19.82	19.80	21.00
10	256QAM	1	0	17.66	17.59	17.81	17.51	17.60	19.00
10	256QAM	1	25	17.56	17.59	17.65	17.54	17.57	19.00
10	256QAM	1	49	17.57	17.73	17.80	17.43	17.59	19.00
10	256QAM	25	0	17.81	17.74	17.87	17.63	17.70	19.00
10	256QAM	25	12	17.70	17.69	17.80	17.56	17.64	19.00
10	256QAM	25	25	17.55	17.64	17.78	17.59	17.70	19.00
10	256QAM	50	0	17.61	17.58	17.72	17.51	17.54	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	19.94	20.03	19.99	19.76	19.95	21.20
5	QPSK	1	12	19.87	19.92	20.04	19.65	19.74	21.20
5	QPSK	1	24	19.84	19.83	19.90	19.66	19.79	21.20
5	QPSK	12	0	19.91	19.68	19.83	19.80	19.77	21.20
5	QPSK	12	7	19.73	19.79	19.65	19.77	19.70	21.20
5	QPSK	12	13	19.71	19.72	19.77	19.61	19.68	21.20
5	QPSK	25	0	19.64	19.46	19.76	19.53	19.55	21.20
5	16QAM	1	0	19.57	19.70	19.78	19.78	19.74	21.20
5	16QAM	1	12	19.71	19.58	19.68	19.66	19.61	21.20
5	16QAM	1	24	19.72	19.73	19.60	19.69	19.84	21.20
5	16QAM	12	0	19.92	19.81	19.61	19.72	19.75	21.20
5	16QAM	12	7	19.81	19.92	19.77	19.99	19.95	21.20
5	16QAM	12	13	19.85	19.81	19.87	19.81	19.82	21.20
5	16QAM	25	0	19.80	19.69	19.88	19.80	19.91	21.20
5	64QAM	1	0	19.82	19.76	19.83	19.87	19.88	21.20
5	64QAM	1	12	19.77	19.71	19.78	19.88	19.96	21.20
5	64QAM	1	24	19.73	19.76	19.85	19.81	19.90	21.20
5	64QAM	12	0	19.80	19.81	19.80	19.80	19.68	21.00
5	64QAM	12	7	19.83	19.69	19.77	19.69	19.72	21.00

5	64QAM	12	13	19.78	19.74	19.85	19.95	19.91	21.00
5	64QAM	25	0	19.80	19.80	19.88	19.82	19.80	21.00
5	256QAM	1	0	17.59	17.68	17.79	17.47	17.64	19.00
5	256QAM	1	12	17.55	17.56	17.74	17.52	17.48	19.00
5	256QAM	1	24	17.55	17.69	17.79	17.38	17.62	19.00
5	256QAM	12	0	17.78	17.81	17.87	17.62	17.66	19.00
5	256QAM	12	7	17.68	17.75	17.88	17.64	17.64	19.00
5	256QAM	12	13	17.54	17.66	17.79	17.49	17.72	19.00
5	256QAM	25	0	17.61	17.61	17.74	17.58	17.59	19.00

【LTE Band 41_FCC (2496~2690MHz)_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				39750	40185	40620	41055	41490	Tune-up limit (dBm)
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	20.42	20.44	20.52	20.36	20.34	21.50
20	QPSK	1	49	20.39	20.38	20.43	20.28	20.29	21.50
20	QPSK	1	99	20.29	20.31	20.42	20.33	20.30	21.50
20	QPSK	50	0	20.32	20.25	20.41	20.35	20.30	21.50
20	QPSK	50	24	20.27	20.21	20.28	20.20	20.16	21.50
20	QPSK	50	50	20.27	20.23	20.27	20.14	20.13	21.50
20	QPSK	100	0	20.17	20.15	20.33	20.01	20.00	21.50
20	16QAM	1	0	20.18	20.26	20.26	20.27	20.27	21.50
20	16QAM	1	49	20.21	20.14	20.14	20.22	20.23	21.50
20	16QAM	1	99	20.18	20.21	20.09	20.24	20.14	21.50
20	16QAM	50	0	20.28	20.27	20.20	20.25	20.19	21.50
20	16QAM	50	24	20.27	20.31	20.25	20.45	20.46	21.50
20	16QAM	50	50	20.39	20.32	20.35	20.39	20.35	21.50
20	16QAM	100	0	20.16	20.17	20.36	20.27	20.37	21.50
20	64QAM	1	0	20.31	20.33	20.23	20.42	20.35	21.50
20	64QAM	1	49	20.20	20.33	20.30	20.29	20.36	21.50
20	64QAM	1	99	20.22	20.30	20.34	20.27	20.28	21.50
20	64QAM	50	0	19.78	19.88	19.97	19.79	19.76	21.00
20	64QAM	50	24	19.65	19.69	19.88	19.62	19.65	21.00
20	64QAM	50	50	19.61	19.62	19.82	19.56	19.52	21.00
20	64QAM	100	0	19.73	19.71	19.91	19.73	19.61	21.00
20	256QAM	1	0	17.66	17.75	17.85	17.64	17.62	19.00
20	256QAM	1	49	17.76	17.70	17.86	17.64	17.67	19.00
20	256QAM	1	99	17.69	17.68	17.87	17.64	17.62	19.00
20	256QAM	50	0	17.83	17.92	18.01	17.78	17.77	19.00
20	256QAM	50	24	17.71	17.79	17.92	17.63	17.71	19.00
20	256QAM	50	50	17.70	17.63	17.83	17.68	17.66	19.00
20	256QAM	100	0	17.74	17.71	17.85	17.60	17.65	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	20.36	20.35	20.41	20.25	20.27	21.50
15	QPSK	1	37	20.38	20.28	20.32	20.16	20.24	21.50
15	QPSK	1	74	20.15	20.17	20.40	20.29	20.22	21.50
15	QPSK	36	0	20.27	20.11	20.34	20.30	20.27	21.50
15	QPSK	36	20	20.25	20.18	20.20	20.12	20.05	21.50
15	QPSK	36	39	20.18	20.13	20.23	20.04	20.08	21.50
15	QPSK	75	0	20.15	20.12	20.30	19.92	19.92	21.50
15	16QAM	1	0	20.10	20.13	20.20	20.12	20.13	21.50
15	16QAM	1	37	20.14	20.09	20.12	20.20	20.20	21.50
15	16QAM	1	74	20.08	20.20	20.03	20.13	20.08	21.50
15	16QAM	36	0	20.18	20.17	20.17	20.24	20.15	21.50
15	16QAM	36	20	20.12	20.21	20.12	20.41	20.35	21.50
15	16QAM	36	39	20.36	20.23	20.31	20.24	20.28	21.50
15	16QAM	75	0	20.03	20.14	20.30	20.17	20.33	21.50
15	64QAM	1	0	20.19	20.32	20.15	20.33	20.26	21.50
15	64QAM	1	37	20.09	20.19	20.22	20.22	20.22	21.50
15	64QAM	1	74	20.10	20.15	20.31	20.14	20.21	21.50
15	64QAM	36	0	19.64	19.84	19.87	19.67	19.68	21.00
15	64QAM	36	20	19.57	19.65	19.85	19.54	19.58	21.00
15	64QAM	36	39	19.51	19.58	19.71	19.47	19.47	21.00
15	64QAM	75	0	19.60	19.66	19.82	19.63	19.54	21.00
15	256QAM	1	0	17.57	17.69	17.78	17.60	17.57	19.00
15	256QAM	1	37	17.68	17.65	17.82	17.53	17.62	19.00
15	256QAM	1	74	17.61	17.53	17.81	17.55	17.53	19.00
15	256QAM	36	0	17.77	17.83	17.87	17.65	17.69	19.00

15	256QAM	36	20	17.58	17.71	17.79	17.61	17.61	19.00
15	256QAM	36	39	17.63	17.49	17.79	17.56	17.51	19.00
15	256QAM	75	0	17.71	17.66	17.83	17.54	17.58	19.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	20.31	20.32	20.46	20.26	20.22	21.50
10	QPSK	1	25	20.26	20.23	20.35	20.21	20.21	21.50
10	QPSK	1	49	20.28	20.24	20.39	20.20	20.19	21.50
10	QPSK	25	0	20.25	20.12	20.35	20.23	20.25	21.50
10	QPSK	25	12	20.18	20.09	20.14	20.13	20.08	21.50
10	QPSK	25	25	20.21	20.13	20.19	20.05	20.02	21.50
10	QPSK	50	0	20.14	20.06	20.26	19.95	19.91	21.50
10	16QAM	1	0	20.16	20.21	20.21	20.24	20.19	21.50
10	16QAM	1	25	20.10	20.13	20.01	20.18	20.15	21.50
10	16QAM	1	49	20.17	20.14	20.04	20.21	20.06	21.50
10	16QAM	25	0	20.20	20.22	20.09	20.21	20.07	21.50
10	16QAM	25	12	20.24	20.28	20.21	20.36	20.43	21.50
10	16QAM	25	25	20.27	20.27	20.29	20.38	20.25	21.50
10	16QAM	50	0	20.03	20.09	20.24	20.24	20.27	21.50
10	64QAM	1	0	20.22	20.25	20.11	20.36	20.22	21.50
10	64QAM	1	25	20.17	20.26	20.25	20.22	20.32	21.50
10	64QAM	1	49	20.12	20.22	20.22	20.25	20.24	21.50
10	64QAM	25	0	19.67	19.82	19.85	19.72	19.72	21.00
10	64QAM	25	12	19.58	19.58	19.84	19.53	19.52	21.00
10	64QAM	25	25	19.56	19.56	19.74	19.53	19.40	21.00
10	64QAM	50	0	19.72	19.69	19.88	19.62	19.47	21.00
10	256QAM	1	0	17.56	17.67	17.82	17.58	17.52	19.00
10	256QAM	1	25	17.74	17.68	17.77	17.58	17.53	19.00
10	256QAM	1	49	17.57	17.59	17.79	17.63	17.55	19.00
10	256QAM	25	0	17.79	17.85	18.00	17.65	17.71	19.00
10	256QAM	25	12	17.57	17.68	17.85	17.60	17.63	19.00
10	256QAM	25	25	17.61	17.49	17.78	17.58	17.52	19.00
10	256QAM	50	0	17.61	17.66	17.71	17.52	17.61	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	20.30	20.39	20.50	20.22	20.32	21.50
5	QPSK	1	12	20.34	20.26	20.40	20.20	20.21	21.50
5	QPSK	1	24	20.15	20.17	20.33	20.24	20.18	21.50
5	QPSK	12	0	20.27	20.16	20.33	20.23	20.26	21.50
5	QPSK	12	7	20.18	20.14	20.17	20.11	20.15	21.50
5	QPSK	12	13	20.16	20.09	20.21	20.05	20.05	21.50
5	QPSK	25	0	20.05	20.02	20.24	19.92	19.86	21.50
5	16QAM	1	0	20.08	20.20	20.21	20.14	20.15	21.50
5	16QAM	1	12	20.12	20.06	20.04	20.14	20.21	21.50
5	16QAM	1	24	20.10	20.20	19.94	20.10	20.11	21.50
5	16QAM	12	0	20.21	20.12	20.09	20.12	20.08	21.50
5	16QAM	12	7	20.20	20.24	20.13	20.43	20.38	21.50
5	16QAM	12	13	20.29	20.17	20.33	20.30	20.21	21.50
5	16QAM	25	0	20.11	20.09	20.24	20.18	20.35	21.50
5	64QAM	1	0	20.23	20.23	20.19	20.29	20.32	21.50
5	64QAM	1	12	20.13	20.20	20.23	20.14	20.34	21.50
5	64QAM	1	24	20.17	20.27	20.31	20.20	20.20	21.50
5	64QAM	12	0	19.66	19.83	19.96	19.67	19.62	21.00
5	64QAM	12	7	19.57	19.62	19.79	19.48	19.53	21.00
5	64QAM	12	13	19.55	19.61	19.67	19.44	19.43	21.00
5	64QAM	25	0	19.70	19.58	19.79	19.65	19.56	21.00
5	256QAM	1	0	17.56	17.70	17.73	17.57	17.58	19.00
5	256QAM	1	12	17.72	17.58	17.81	17.58	17.65	19.00
5	256QAM	1	24	17.60	17.59	17.76	17.52	17.58	19.00
5	256QAM	12	0	17.74	17.87	17.90	17.75	17.69	19.00
5	256QAM	12	7	17.59	17.76	17.88	17.60	17.57	19.00
5	256QAM	12	13	17.55	17.53	17.73	17.54	17.56	19.00
5	256QAM	25	0	17.63	17.68	17.70	17.56	17.54	19.00

【LTE Band 41_FCC (2496~2690MHz)_Ant

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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	21.50
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	20.42	20.44	20.52	20.36	20.34	21.50
20	QPSK	1	49	20.39	20.38	20.43	20.28	20.29	21.50
20	QPSK	1	99	20.29	20.31	20.42	20.33	20.30	21.50
20	QPSK	50	0	20.32	20.25	20.41	20.35	20.30	21.50
20	QPSK	50	24	20.27	20.21	20.28	20.20	20.16	21.50
20	QPSK	50	50	20.27	20.23	20.27	20.14	20.13	21.50
20	QPSK	100	0	20.17	20.15	20.33	20.01	20.00	21.50
20	16QAM	1	0	20.18	20.26	20.26	20.27	20.27	21.50
20	16QAM	1	49	20.21	20.14	20.14	20.22	20.23	21.50
20	16QAM	1	99	20.18	20.21	20.09	20.24	20.14	21.50
20	16QAM	50	0	20.28	20.27	20.20	20.25	20.19	21.50
20	16QAM	50	24	20.27	20.31	20.25	20.45	20.46	21.50
20	16QAM	50	50	20.39	20.32	20.35	20.39	20.35	21.50
20	16QAM	100	0	20.16	20.17	20.36	20.27	20.37	21.50
20	64QAM	1	0	20.31	20.33	20.23	20.42	20.35	21.50
20	64QAM	1	49	20.20	20.33	20.30	20.29	20.36	21.50
20	64QAM	1	99	20.22	20.30	20.34	20.27	20.28	21.50
20	64QAM	50	0	19.78	19.88	19.97	19.79	19.76	21.00
20	64QAM	50	24	19.65	19.69	19.88	19.62	19.65	21.00
20	64QAM	50	50	19.61	19.62	19.82	19.56	19.52	21.00
20	64QAM	100	0	19.73	19.71	19.91	19.73	19.61	21.00
20	256QAM	1	0	17.66	17.75	17.85	17.64	17.62	19.00
20	256QAM	1	49	17.76	17.70	17.86	17.64	17.67	19.00
20	256QAM	1	99	17.69	17.68	17.87	17.64	17.62	19.00
20	256QAM	50	0	17.83	17.92	18.01	17.78	17.77	19.00
20	256QAM	50	24	17.71	17.79	17.92	17.63	17.71	19.00
20	256QAM	50	50	17.70	17.63	17.83	17.68	17.66	19.00
20	256QAM	100	0	17.74	17.71	17.85	17.60	17.65	19.00
Channel				39725	40173	40620	41068	41515	21.50
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	20.36	20.35	20.41	20.25	20.27	21.50
15	QPSK	1	37	20.38	20.28	20.32	20.16	20.24	21.50
15	QPSK	1	74	20.15	20.17	20.40	20.29	20.22	21.50
15	QPSK	36	0	20.27	20.11	20.34	20.30	20.27	21.50
15	QPSK	36	20	20.25	20.18	20.20	20.12	20.05	21.50
15	QPSK	36	39	20.18	20.13	20.23	20.04	20.08	21.50
15	QPSK	75	0	20.15	20.12	20.30	19.92	19.92	21.50
15	16QAM	1	0	20.10	20.13	20.20	20.12	20.13	21.50
15	16QAM	1	37	20.14	20.09	20.12	20.20	20.20	21.50
15	16QAM	1	74	20.08	20.20	20.03	20.13	20.08	21.50
15	16QAM	36	0	20.18	20.17	20.17	20.24	20.15	21.50
15	16QAM	36	20	20.12	20.21	20.12	20.41	20.35	21.50
15	16QAM	36	39	20.36	20.23	20.31	20.24	20.28	21.50
15	16QAM	75	0	20.03	20.14	20.30	20.17	20.33	21.50
15	64QAM	1	0	20.19	20.32	20.15	20.33	20.26	21.50
15	64QAM	1	37	20.09	20.19	20.22	20.22	20.22	21.50
15	64QAM	1	74	20.10	20.15	20.31	20.14	20.21	21.50
15	64QAM	36	0	19.64	19.84	19.87	19.67	19.68	21.00
15	64QAM	36	20	19.57	19.65	19.85	19.54	19.58	21.00
15	64QAM	36	39	19.51	19.58	19.71	19.47	19.47	21.00
15	64QAM	75	0	19.60	19.66	19.82	19.63	19.54	21.00
15	256QAM	1	0	17.57	17.69	17.78	17.60	17.57	19.00
15	256QAM	1	37	17.68	17.65	17.82	17.53	17.62	19.00
15	256QAM	1	74	17.61	17.53	17.81	17.55	17.53	19.00
15	256QAM	36	0	17.77	17.83	17.87	17.65	17.69	19.00
15	256QAM	36	20	17.58	17.71	17.79	17.61	17.61	19.00
15	256QAM	36	39	17.63	17.49	17.79	17.56	17.51	19.00
15	256QAM	75	0	17.71	17.66	17.83	17.54	17.58	19.00
Channel				39700	40160	40620	41080	41540	21.50
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	20.31	20.32	20.46	20.26	20.22	21.50
10	QPSK	1	25	20.26	20.23	20.35	20.21	20.21	21.50
10	QPSK	1	49	20.28	20.24	20.39	20.20	20.19	21.50
10	QPSK	25	0	20.25	20.12	20.35	20.23	20.25	21.50
10	QPSK	25	12	20.18	20.09	20.14	20.13	20.08	21.50
10	QPSK	25	25	20.21	20.13	20.19	20.05	20.02	21.50
10	QPSK	50	0	20.14	20.06	20.26	19.95	19.91	21.50

10	16QAM	1	0	20.16	20.21	20.21	20.24	20.19	21.50
10	16QAM	1	25	20.10	20.13	20.01	20.18	20.15	21.50
10	16QAM	1	49	20.17	20.14	20.04	20.21	20.06	21.50
10	16QAM	25	0	20.20	20.22	20.09	20.21	20.07	21.50
10	16QAM	25	12	20.24	20.28	20.21	20.36	20.43	21.50
10	16QAM	25	25	20.27	20.27	20.29	20.38	20.25	21.50
10	16QAM	50	0	20.03	20.09	20.24	20.24	20.27	21.50
10	64QAM	1	0	20.22	20.25	20.11	20.36	20.22	21.50
10	64QAM	1	25	20.17	20.26	20.25	20.22	20.32	21.50
10	64QAM	1	49	20.12	20.22	20.22	20.25	20.24	21.50
10	64QAM	25	0	19.67	19.82	19.85	19.72	19.72	21.00
10	64QAM	25	12	19.58	19.58	19.84	19.53	19.52	21.00
10	64QAM	25	25	19.56	19.56	19.74	19.53	19.40	21.00
10	64QAM	50	0	19.72	19.69	19.88	19.62	19.47	21.00
10	256QAM	1	0	17.56	17.67	17.82	17.58	17.52	19.00
10	256QAM	1	25	17.74	17.68	17.77	17.58	17.53	19.00
10	256QAM	1	49	17.57	17.59	17.79	17.63	17.55	19.00
10	256QAM	25	0	17.79	17.85	18.00	17.65	17.71	19.00
10	256QAM	25	12	17.57	17.68	17.85	17.60	17.63	19.00
10	256QAM	25	25	17.61	17.49	17.78	17.58	17.52	19.00
10	256QAM	50	0	17.61	17.66	17.71	17.52	17.61	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	20.30	20.39	20.50	20.22	20.32	21.50
5	QPSK	1	12	20.34	20.26	20.40	20.20	20.21	21.50
5	QPSK	1	24	20.15	20.17	20.33	20.24	20.18	21.50
5	QPSK	12	0	20.27	20.16	20.33	20.23	20.26	21.50
5	QPSK	12	7	20.18	20.14	20.17	20.11	20.15	21.50
5	QPSK	12	13	20.16	20.09	20.21	20.05	20.05	21.50
5	QPSK	25	0	20.05	20.02	20.24	19.92	19.86	21.50
5	16QAM	1	0	20.08	20.20	20.21	20.14	20.15	21.50
5	16QAM	1	12	20.12	20.06	20.04	20.14	20.21	21.50
5	16QAM	1	24	20.10	20.20	19.94	20.10	20.11	21.50
5	16QAM	12	0	20.21	20.12	20.09	20.12	20.08	21.50
5	16QAM	12	7	20.20	20.24	20.13	20.43	20.38	21.50
5	16QAM	12	13	20.29	20.17	20.33	20.30	20.21	21.50
5	16QAM	25	0	20.11	20.09	20.24	20.18	20.35	21.50
5	64QAM	1	0	20.23	20.23	20.19	20.29	20.32	21.50
5	64QAM	1	12	20.13	20.20	20.23	20.14	20.34	21.50
5	64QAM	1	24	20.17	20.27	20.31	20.20	20.20	21.50
5	64QAM	12	0	19.66	19.83	19.96	19.67	19.62	21.00
5	64QAM	12	7	19.57	19.62	19.79	19.48	19.53	21.00
5	64QAM	12	13	19.55	19.61	19.67	19.44	19.43	21.00
5	64QAM	25	0	19.70	19.58	19.79	19.65	19.56	21.00
5	256QAM	1	0	17.56	17.70	17.73	17.57	17.58	19.00
5	256QAM	1	12	17.72	17.58	17.81	17.58	17.65	19.00
5	256QAM	1	24	17.60	17.59	17.76	17.52	17.58	19.00
5	256QAM	12	0	17.74	17.87	17.90	17.75	17.69	19.00
5	256QAM	12	7	17.59	17.76	17.88	17.60	17.57	19.00
5	256QAM	12	13	17.55	17.53	17.73	17.54	17.56	19.00
5	256QAM	25	0	17.63	17.68	17.70	17.56	17.54	19.00

【LTE Band 41__FCC (2496~2690MHz)_Ant

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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	14.40	14.42	14.46	14.45	14.42	15.70
20	QPSK	1	49	14.28	14.32	14.37	14.28	14.33	15.70
20	QPSK	1	99	14.30	14.38	14.43	14.24	14.25	15.70
20	QPSK	50	0	14.38	14.35	14.44	14.36	14.33	15.70
20	QPSK	50	24	14.16	14.25	14.25	14.31	14.29	15.70
20	QPSK	50	50	14.17	14.20	14.33	14.17	14.16	15.70
20	QPSK	100	0	14.11	14.12	14.18	14.03	14.12	15.70
20	16QAM	1	0	14.13	14.26	14.24	14.24	14.26	15.70
20	16QAM	1	49	14.24	14.30	14.25	14.35	14.31	15.70
20	16QAM	1	99	14.26	14.14	14.23	14.17	14.18	15.70
20	16QAM	50	0	14.33	14.28	14.32	14.21	14.22	15.70
20	16QAM	50	24	14.35	14.37	14.22	14.40	14.42	15.70
20	16QAM	50	50	14.40	14.35	14.23	14.36	14.35	15.70

20	16QAM	100	0	14.19	14.23	14.47	14.36	14.34	15.70
20	64QAM	1	0	14.30	14.27	14.23	14.39	14.29	15.70
20	64QAM	1	49	14.19	14.22	14.34	14.35	14.37	15.70
20	64QAM	1	99	14.29	14.36	14.43	14.27	14.27	15.70
20	64QAM	50	0	14.38	14.42	14.36	14.21	14.26	15.70
20	64QAM	50	24	14.21	14.31	14.36	14.31	14.28	15.70
20	64QAM	50	50	14.30	14.24	14.37	14.43	14.46	15.70
20	64QAM	100	0	14.28	14.28	14.32	14.30	14.32	15.70
20	256QAM	1	0	14.36	14.22	14.49	14.22	14.26	15.70
20	256QAM	1	49	14.23	14.27	14.50	14.25	14.26	15.70
20	256QAM	1	99	14.45	14.35	14.37	14.40	14.37	15.70
20	256QAM	50	0	14.32	14.36	14.35	14.34	14.34	15.70
20	256QAM	50	24	14.23	14.20	14.36	14.40	14.32	15.70
20	256QAM	50	50	14.21	14.36	14.32	14.31	14.42	15.70
20	256QAM	100	0	14.27	14.20	14.29	14.31	14.28	15.70
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	14.26	14.37	14.34	14.31	14.34	15.70
15	QPSK	1	37	14.22	14.20	14.34	14.13	14.28	15.70
15	QPSK	1	74	14.24	14.28	14.33	14.21	14.22	15.70
15	QPSK	36	0	14.28	14.23	14.36	14.13	14.29	15.70
15	QPSK	36	20	14.11	14.12	14.16	14.23	14.27	15.70
15	QPSK	36	39	14.03	14.16	14.21	14.05	14.08	15.70
15	QPSK	75	0	14.09	14.00	14.05	14.00	14.05	15.70
15	16QAM	1	0	14.11	14.23	14.15	14.14	14.17	15.70
15	16QAM	1	37	14.09	14.28	14.17	14.30	14.25	15.70
15	16QAM	1	74	14.24	14.05	14.10	14.05	14.05	15.70
15	16QAM	36	0	14.26	14.16	14.18	14.11	14.18	15.70
15	16QAM	36	20	14.25	14.30	14.15	14.31	14.38	15.70
15	16QAM	36	39	14.34	14.33	14.14	14.31	14.27	15.70
15	16QAM	75	0	14.04	14.22	14.41	14.31	14.29	15.70
15	64QAM	1	0	14.27	14.13	14.10	14.24	14.24	15.70
15	64QAM	1	37	14.13	14.16	14.25	14.28	14.32	15.70
15	64QAM	1	74	14.17	14.33	14.38	14.24	14.21	15.70
15	64QAM	36	0	14.32	14.28	14.29	14.17	14.18	15.70
15	64QAM	36	20	14.15	14.27	14.24	14.27	14.23	15.70
15	64QAM	36	39	14.25	14.11	14.24	14.40	14.43	15.70
15	64QAM	75	0	14.19	14.24	14.25	14.27	14.26	15.70
15	256QAM	1	0	14.33	14.08	14.35	14.19	14.20	15.70
15	256QAM	1	37	14.18	14.12	14.36	14.19	14.19	15.70
15	256QAM	1	74	14.39	14.30	14.24	14.31	14.24	15.70
15	256QAM	36	0	14.18	14.24	14.25	14.28	14.24	15.70
15	256QAM	36	20	14.10	14.08	14.24	14.38	14.18	15.70
15	256QAM	36	39	14.10	14.22	14.27	14.22	14.36	15.70
15	256QAM	75	0	14.14	14.13	14.24	14.27	14.23	15.70
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	14.34	14.32	14.34	14.40	14.31	15.70
10	QPSK	1	25	14.21	14.22	14.25	14.24	14.25	15.70
10	QPSK	1	49	14.27	14.25	14.32	14.21	14.18	15.70
10	QPSK	25	0	14.29	14.29	14.31	14.13	14.31	15.70
10	QPSK	25	12	14.03	14.16	14.23	14.20	14.19	15.70
10	QPSK	25	25	14.09	14.09	14.27	14.10	14.15	15.70
10	QPSK	50	0	14.07	14.00	14.05	14.01	14.05	15.70
10	16QAM	1	0	14.10	14.15	14.22	14.17	14.12	15.70
10	16QAM	1	25	14.13	14.28	14.14	14.25	14.29	15.70
10	16QAM	1	49	14.15	14.07	14.16	14.06	14.06	15.70
10	16QAM	25	0	14.26	14.19	14.29	14.16	14.09	15.70
10	16QAM	25	12	14.27	14.34	14.08	14.26	14.37	15.70
10	16QAM	25	25	14.34	14.27	14.22	14.22	14.31	15.70
10	16QAM	50	0	14.13	14.18	14.36	14.30	14.33	15.70
10	64QAM	1	0	14.23	14.25	14.17	14.35	14.23	15.70
10	64QAM	1	25	14.08	14.08	14.23	14.28	14.32	15.70
10	64QAM	1	49	14.17	14.26	14.29	14.13	14.24	15.70
10	64QAM	25	0	14.27	14.36	14.29	14.11	14.23	15.70
10	64QAM	25	12	14.19	14.18	14.25	14.19	14.17	15.70
10	64QAM	25	25	14.21	14.12	14.31	14.42	14.43	15.70
10	64QAM	50	0	14.21	14.18	14.18	14.20	14.25	15.70
10	256QAM	1	0	14.32	14.16	14.38	14.07	14.25	15.70
10	256QAM	1	25	14.17	14.14	14.45	14.16	14.22	15.70
10	256QAM	1	49	14.39	14.21	14.33	14.29	14.27	15.70
10	256QAM	25	0	14.24	14.30	14.33	14.26	14.24	15.70
10	256QAM	25	12	14.20	14.16	14.22	14.37	14.21	15.70
10	256QAM	25	25	14.10	14.31	14.22	14.26	14.29	15.70
10	256QAM	50	0	14.17	14.09	14.27	14.22	14.18	15.70
Channel				39675	40148	40620	41093	41565	Tune-up

Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	limit (dBm)
5	QPSK	1	0	14.29	14.29	14.44	14.43	14.34	15.70
5	QPSK	1	12	14.17	14.29	14.33	14.16	14.21	15.70
5	QPSK	1	24	14.22	14.32	14.31	14.19	14.23	15.70
5	QPSK	12	0	14.30	14.30	14.34	14.17	14.28	15.70
5	QPSK	12	7	14.10	14.11	14.12	14.18	14.21	15.70
5	QPSK	12	13	14.11	14.06	14.21	14.15	14.01	15.70
5	QPSK	25	0	14.02	14.01	14.12	14.01	14.01	15.70
5	16QAM	1	0	14.01	14.23	14.22	14.14	14.12	15.70
5	16QAM	1	12	14.18	14.24	14.19	14.34	14.27	15.70
5	16QAM	1	24	14.15	14.11	14.16	14.04	14.14	15.70
5	16QAM	12	0	14.26	14.27	14.26	14.09	14.16	15.70
5	16QAM	12	7	14.22	14.36	14.13	14.32	14.41	15.70
5	16QAM	12	13	14.36	14.23	14.18	14.21	14.27	15.70
5	16QAM	25	0	14.12	14.15	14.35	14.22	14.32	15.70
5	64QAM	1	0	14.28	14.25	14.09	14.36	14.21	15.70
5	64QAM	1	12	14.16	14.07	14.32	14.31	14.30	15.70
5	64QAM	1	24	14.19	14.26	14.38	14.21	14.21	15.70
5	64QAM	12	0	14.24	14.38	14.23	14.17	14.18	15.70
5	64QAM	12	7	14.09	14.30	14.33	14.21	14.18	15.70
5	64QAM	12	13	14.20	14.23	14.30	14.36	14.39	15.70
5	64QAM	25	0	14.24	14.17	14.20	14.19	14.24	15.70
5	256QAM	1	0	14.29	14.13	14.43	14.13	14.14	15.70
5	256QAM	1	12	14.11	14.16	14.38	14.17	14.13	15.70
5	256QAM	1	24	14.34	14.24	14.33	14.27	14.30	15.70
5	256QAM	12	0	14.29	14.34	14.25	14.31	14.31	15.70
5	256QAM	12	7	14.20	14.05	14.30	14.31	14.24	15.70
5	256QAM	12	13	14.19	14.24	14.29	14.30	14.33	15.70
5	256QAM	25	0	14.18	14.09	14.17	14.23	14.25	15.70

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

4_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	19.80	19.81	19.53	21.00
20	QPSK	1	49	19.42	19.56	19.20	21.00
20	QPSK	1	99	19.36	19.49	19.13	21.00
20	QPSK	50	0	18.58	18.67	18.40	20.00
20	QPSK	50	24	18.57	18.65	18.38	20.00
20	QPSK	50	50	18.52	18.65	18.29	20.00
20	QPSK	100	0	18.54	18.63	18.35	20.00
20	16QAM	1	0	18.53	18.57	18.27	20.00
20	16QAM	1	49	18.75	18.81	18.39	20.00
20	16QAM	1	99	18.42	18.52	18.24	20.00
20	16QAM	50	0	17.57	17.59	17.31	19.00
20	16QAM	50	24	17.63	17.69	17.31	19.00
20	16QAM	50	50	17.52	17.62	17.26	19.00
20	16QAM	100	0	17.59	17.61	17.26	19.00
20	64QAM	1	0	17.48	17.54	17.27	19.00
20	64QAM	1	49	17.36	17.50	17.12	19.00
20	64QAM	1	99	17.47	17.55	17.20	19.00
20	64QAM	50	0	16.44	16.59	16.33	18.00
20	64QAM	50	24	16.52	16.66	16.35	18.00
20	64QAM	50	50	16.55	16.63	16.35	18.00
20	64QAM	100	0	16.61	16.68	16.34	18.00
20	256QAM	1	0	14.36	14.48	14.24	16.00
20	256QAM	1	49	14.36	14.44	14.14	16.00
20	256QAM	1	99	14.37	14.45	14.15	16.00
20	256QAM	50	0	14.43	14.50	14.20	16.00
20	256QAM	50	24	14.56	14.58	14.24	16.00
20	256QAM	50	50	14.45	14.58	14.32	16.00
20	256QAM	100	0	14.53	14.58	14.25	16.00
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	19.66	19.67	19.42	21.00
15	QPSK	1	37	19.36	19.45	19.17	21.00
15	QPSK	1	74	19.30	19.43	19.03	21.00
15	QPSK	36	0	18.49	18.54	18.24	20.00
15	QPSK	36	20	18.45	18.62	18.29	20.00

15	QPSK	36	39	18.46	18.53	18.23	20.00
15	QPSK	75	0	18.47	18.53	18.26	20.00
15	16QAM	1	0	18.48	18.46	18.14	20.00
15	16QAM	1	37	18.64	18.73	18.27	20.00
15	16QAM	1	74	18.38	18.47	18.16	20.00
15	16QAM	36	0	17.45	17.50	17.25	19.00
15	16QAM	36	20	17.54	17.57	17.20	19.00
15	16QAM	36	39	17.42	17.54	17.17	19.00
15	16QAM	75	0	17.47	17.59	17.14	19.00
15	64QAM	1	0	17.42	17.46	17.16	19.00
15	64QAM	1	37	17.35	17.46	17.07	19.00
15	64QAM	1	74	17.41	17.41	17.05	19.00
15	64QAM	36	0	16.42	16.49	16.28	18.00
15	64QAM	36	20	16.40	16.58	16.31	18.00
15	64QAM	36	39	16.52	16.57	16.31	18.00
15	64QAM	75	0	16.47	16.61	16.28	18.00
15	256QAM	1	0	14.24	14.44	14.15	16.00
15	256QAM	1	37	14.35	14.34	14.00	16.00
15	256QAM	1	74	14.24	14.38	14.12	16.00
15	256QAM	36	0	14.34	14.40	14.13	16.00
15	256QAM	36	20	14.50	14.55	14.17	16.00
15	256QAM	36	39	14.42	14.48	14.25	16.00
15	256QAM	75	0	14.47	14.48	14.14	16.00
Channel				42140	42590	43040	Tune-up limit
Frequency (MHz)				3455	3500	3545	(dBm)
10	QPSK	1	0	19.68	19.74	19.48	21.00
10	QPSK	1	25	19.40	19.43	19.19	21.00
10	QPSK	1	49	19.26	19.43	19.08	21.00
10	QPSK	25	0	18.41	18.55	18.30	20.00
10	QPSK	25	12	18.48	18.54	18.24	20.00
10	QPSK	25	25	18.38	18.61	18.28	20.00
10	QPSK	50	0	18.43	18.48	18.21	20.00
10	16QAM	1	0	18.43	18.44	18.22	20.00
10	16QAM	1	25	18.64	18.71	18.30	20.00
10	16QAM	1	49	18.34	18.46	18.11	20.00
10	16QAM	25	0	17.55	17.52	17.27	19.00
10	16QAM	25	12	17.59	17.61	17.29	19.00
10	16QAM	25	25	17.42	17.55	17.18	19.00
10	16QAM	50	0	17.58	17.57	17.24	19.00
10	64QAM	1	0	17.42	17.40	17.13	19.00
10	64QAM	1	25	17.22	17.38	17.02	19.00
10	64QAM	1	49	17.38	17.53	17.17	19.00
10	64QAM	25	0	16.39	16.49	16.29	18.00
10	64QAM	25	12	16.38	16.62	16.23	18.00
10	64QAM	25	25	16.48	16.48	16.34	18.00
10	64QAM	50	0	16.57	16.58	16.20	18.00
10	256QAM	1	0	14.34	14.44	14.12	16.00
10	256QAM	1	25	14.28	14.32	14.13	16.00
10	256QAM	1	49	14.22	14.31	14.03	16.00
10	256QAM	25	0	14.30	14.47	14.06	16.00
10	256QAM	25	12	14.52	14.53	14.20	16.00
10	256QAM	25	25	14.30	14.53	14.18	16.00
10	256QAM	50	0	14.41	14.49	14.13	16.00
Channel				42115	42590	43065	Tune-up limit
Frequency (MHz)				3452.5	3500	3547.5	(dBm)
5	QPSK	1	0	19.70	19.72	19.49	21.00
5	QPSK	1	12	19.40	19.42	19.09	21.00
5	QPSK	1	24	19.24	19.37	19.01	21.00
5	QPSK	12	0	18.41	18.64	18.20	20.00
5	QPSK	12	7	18.55	18.54	18.31	20.00
5	QPSK	12	13	18.50	18.54	18.22	20.00
5	QPSK	25	0	18.49	18.56	18.25	20.00
5	16QAM	1	0	18.42	18.55	18.17	20.00
5	16QAM	1	12	18.65	18.73	18.27	20.00
5	16QAM	1	24	18.34	18.49	18.18	20.00
5	16QAM	12	0	17.47	17.47	17.18	19.00
5	16QAM	12	7	17.58	17.63	17.26	19.00
5	16QAM	12	13	17.44	17.55	17.17	19.00
5	16QAM	25	0	17.56	17.58	17.19	19.00
5	64QAM	1	0	17.41	17.42	17.21	19.00
5	64QAM	1	12	17.32	17.37	17.01	19.00
5	64QAM	1	24	17.32	17.44	17.09	19.00
5	64QAM	12	0	16.34	16.45	16.27	18.00
5	64QAM	12	7	16.38	16.59	16.31	18.00
5	64QAM	12	13	16.51	16.55	16.25	18.00
5	64QAM	25	0	16.56	16.59	16.21	18.00
5	256QAM	1	0	14.26	14.35	14.21	16.00
5	256QAM	1	12	14.26	14.35	14.09	16.00

5	256QAM	1	24	14.24	14.41	14.08	16.00
5	256QAM	12	0	14.39	14.38	14.08	16.00
5	256QAM	12	7	14.48	14.44	14.21	16.00
5	256QAM	12	13	14.32	14.50	14.30	16.00
5	256QAM	25	0	14.43	14.55	14.19	16.00

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

4_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	Tune-up limit (dBm)
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	19.80	19.81	19.53	21.00
20	QPSK	1	49	19.42	19.56	19.20	21.00
20	QPSK	1	99	19.36	19.49	19.13	21.00
20	QPSK	50	0	18.58	18.67	18.40	20.00
20	QPSK	50	24	18.57	18.65	18.38	20.00
20	QPSK	50	50	18.52	18.65	18.29	20.00
20	QPSK	100	0	18.54	18.63	18.35	20.00
20	16QAM	1	0	18.53	18.57	18.27	20.00
20	16QAM	1	49	18.75	18.81	18.39	20.00
20	16QAM	1	99	18.42	18.52	18.24	20.00
20	16QAM	50	0	17.57	17.59	17.31	19.00
20	16QAM	50	24	17.63	17.69	17.31	19.00
20	16QAM	50	50	17.52	17.62	17.26	19.00
20	16QAM	100	0	17.59	17.61	17.26	19.00
20	64QAM	1	0	17.48	17.54	17.27	19.00
20	64QAM	1	49	17.36	17.50	17.12	19.00
20	64QAM	1	99	17.47	17.55	17.20	19.00
20	64QAM	50	0	16.44	16.59	16.33	18.00
20	64QAM	50	24	16.52	16.66	16.35	18.00
20	64QAM	50	50	16.55	16.63	16.35	18.00
20	64QAM	100	0	16.61	16.68	16.34	18.00
20	256QAM	1	0	14.36	14.48	14.24	16.00
20	256QAM	1	49	14.36	14.44	14.14	16.00
20	256QAM	1	99	14.37	14.45	14.15	16.00
20	256QAM	50	0	14.43	14.50	14.20	16.00
20	256QAM	50	24	14.56	14.58	14.24	16.00
20	256QAM	50	50	14.45	14.58	14.32	16.00
20	256QAM	100	0	14.53	14.58	14.25	16.00
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	19.66	19.67	19.42	21.00
15	QPSK	1	37	19.36	19.45	19.17	21.00
15	QPSK	1	74	19.30	19.43	19.03	21.00
15	QPSK	36	0	18.49	18.54	18.24	20.00
15	QPSK	36	20	18.45	18.62	18.29	20.00
15	QPSK	36	39	18.46	18.53	18.23	20.00
15	QPSK	75	0	18.47	18.53	18.26	20.00
15	16QAM	1	0	18.48	18.46	18.14	20.00
15	16QAM	1	37	18.64	18.73	18.27	20.00
15	16QAM	1	74	18.38	18.47	18.16	20.00
15	16QAM	36	0	17.45	17.50	17.25	19.00
15	16QAM	36	20	17.54	17.57	17.20	19.00
15	16QAM	36	39	17.42	17.54	17.17	19.00
15	16QAM	75	0	17.47	17.59	17.14	19.00
15	64QAM	1	0	17.42	17.46	17.16	19.00
15	64QAM	1	37	17.35	17.46	17.07	19.00
15	64QAM	1	74	17.41	17.41	17.05	19.00
15	64QAM	36	0	16.42	16.49	16.28	18.00
15	64QAM	36	20	16.40	16.58	16.31	18.00
15	64QAM	36	39	16.52	16.57	16.31	18.00
15	64QAM	75	0	16.47	16.61	16.28	18.00
15	256QAM	1	0	14.24	14.44	14.15	16.00
15	256QAM	1	37	14.35	14.34	14.00	16.00
15	256QAM	1	74	14.24	14.38	14.12	16.00
15	256QAM	36	0	14.34	14.40	14.13	16.00
15	256QAM	36	20	14.50	14.55	14.17	16.00
15	256QAM	36	39	14.42	14.48	14.25	16.00
15	256QAM	75	0	14.47	14.48	14.14	16.00
Channel				42140	42590	43040	Tune-up limit (dBm)
Frequency (MHz)				3455	3500	3545	

10	QPSK	1	0	19.68	19.74	19.48	21.00
10	QPSK	1	25	19.40	19.43	19.19	21.00
10	QPSK	1	49	19.26	19.43	19.08	21.00
10	QPSK	25	0	18.41	18.55	18.30	20.00
10	QPSK	25	12	18.48	18.54	18.24	20.00
10	QPSK	25	25	18.38	18.61	18.28	20.00
10	QPSK	50	0	18.43	18.48	18.21	20.00
10	16QAM	1	0	18.43	18.44	18.22	20.00
10	16QAM	1	25	18.64	18.71	18.30	20.00
10	16QAM	1	49	18.34	18.46	18.11	20.00
10	16QAM	25	0	17.55	17.52	17.27	19.00
10	16QAM	25	12	17.59	17.61	17.29	19.00
10	16QAM	25	25	17.42	17.55	17.18	19.00
10	16QAM	50	0	17.58	17.57	17.24	19.00
10	64QAM	1	0	17.42	17.40	17.13	19.00
10	64QAM	1	25	17.22	17.38	17.02	19.00
10	64QAM	1	49	17.38	17.53	17.17	19.00
10	64QAM	25	0	16.39	16.49	16.29	18.00
10	64QAM	25	12	16.38	16.62	16.23	18.00
10	64QAM	25	25	16.48	16.48	16.34	18.00
10	64QAM	50	0	16.57	16.58	16.20	18.00
10	256QAM	1	0	14.34	14.44	14.12	16.00
10	256QAM	1	25	14.28	14.32	14.13	16.00
10	256QAM	1	49	14.22	14.31	14.03	16.00
10	256QAM	25	0	14.30	14.47	14.06	16.00
10	256QAM	25	12	14.52	14.53	14.20	16.00
10	256QAM	25	25	14.30	14.53	14.18	16.00
10	256QAM	50	0	14.41	14.49	14.13	16.00
Channel				42115	42590	43065	Tune-up limit (dBm)
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	19.70	19.72	19.49	21.00
5	QPSK	1	12	19.40	19.42	19.09	21.00
5	QPSK	1	24	19.24	19.37	19.01	21.00
5	QPSK	12	0	18.41	18.64	18.20	20.00
5	QPSK	12	7	18.55	18.54	18.31	20.00
5	QPSK	12	13	18.50	18.54	18.22	20.00
5	QPSK	25	0	18.49	18.56	18.25	20.00
5	16QAM	1	0	18.42	18.55	18.17	20.00
5	16QAM	1	12	18.65	18.73	18.27	20.00
5	16QAM	1	24	18.34	18.49	18.18	20.00
5	16QAM	12	0	17.47	17.47	17.18	19.00
5	16QAM	12	7	17.58	17.63	17.26	19.00
5	16QAM	12	13	17.44	17.55	17.17	19.00
5	16QAM	25	0	17.56	17.58	17.19	19.00
5	64QAM	1	0	17.41	17.42	17.21	19.00
5	64QAM	1	12	17.32	17.37	17.01	19.00
5	64QAM	1	24	17.32	17.44	17.09	19.00
5	64QAM	12	0	16.34	16.45	16.27	18.00
5	64QAM	12	7	16.38	16.59	16.31	18.00
5	64QAM	12	13	16.51	16.55	16.25	18.00
5	64QAM	25	0	16.56	16.59	16.21	18.00
5	256QAM	1	0	14.26	14.35	14.21	16.00
5	256QAM	1	12	14.26	14.35	14.09	16.00
5	256QAM	1	24	14.24	14.41	14.08	16.00
5	256QAM	12	0	14.39	14.38	14.08	16.00
5	256QAM	12	7	14.48	14.44	14.21	16.00
5	256QAM	12	13	14.32	14.50	14.30	16.00
5	256QAM	25	0	14.43	14.55	14.19	16.00

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

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	19.80	19.81	19.53	20.50
20	QPSK	1	49	19.42	19.56	19.20	20.50
20	QPSK	1	99	19.36	19.49	19.13	20.50
20	QPSK	50	0	18.58	18.67	18.40	20.00
20	QPSK	50	24	18.57	18.65	18.38	20.00
20	QPSK	50	50	18.52	18.65	18.29	20.00
20	QPSK	100	0	18.54	18.63	18.35	20.00

20	16QAM	1	0	18.53	18.57	18.27	20.00
20	16QAM	1	49	18.75	18.81	18.39	20.00
20	16QAM	1	99	18.42	18.52	18.24	20.00
20	16QAM	50	0	17.57	17.59	17.31	19.00
20	16QAM	50	24	17.63	17.69	17.31	19.00
20	16QAM	50	50	17.52	17.62	17.26	19.00
20	16QAM	100	0	17.59	17.61	17.26	19.00
20	64QAM	1	0	17.48	17.54	17.27	19.00
20	64QAM	1	49	17.36	17.50	17.12	19.00
20	64QAM	1	99	17.47	17.55	17.20	19.00
20	64QAM	50	0	16.44	16.59	16.33	18.00
20	64QAM	50	24	16.52	16.66	16.35	18.00
20	64QAM	50	50	16.55	16.63	16.35	18.00
20	64QAM	100	0	16.61	16.68	16.34	18.00
20	256QAM	1	0	14.36	14.48	14.24	16.00
20	256QAM	1	49	14.36	14.44	14.14	16.00
20	256QAM	1	99	14.37	14.45	14.15	16.00
20	256QAM	50	0	14.43	14.50	14.20	16.00
20	256QAM	50	24	14.56	14.58	14.24	16.00
20	256QAM	50	50	14.45	14.58	14.32	16.00
20	256QAM	100	0	14.53	14.58	14.25	16.00
Channel				42165	42590	43015	Tune-up limit
Frequency (MHz)				3457.5	3500	3542.5	(dBm)
15	QPSK	1	0	19.66	19.67	19.42	20.50
15	QPSK	1	37	19.36	19.45	19.17	20.50
15	QPSK	1	74	19.30	19.43	19.03	20.50
15	QPSK	36	0	18.49	18.54	18.24	20.00
15	QPSK	36	20	18.45	18.62	18.29	20.00
15	QPSK	36	39	18.46	18.53	18.23	20.00
15	QPSK	75	0	18.47	18.53	18.26	20.00
15	16QAM	1	0	18.48	18.46	18.14	20.00
15	16QAM	1	37	18.64	18.73	18.27	20.00
15	16QAM	1	74	18.38	18.47	18.16	20.00
15	16QAM	36	0	17.45	17.50	17.25	19.00
15	16QAM	36	20	17.54	17.57	17.20	19.00
15	16QAM	36	39	17.42	17.54	17.17	19.00
15	16QAM	75	0	17.47	17.59	17.14	19.00
15	64QAM	1	0	17.42	17.46	17.16	19.00
15	64QAM	1	37	17.35	17.46	17.07	19.00
15	64QAM	1	74	17.41	17.41	17.05	19.00
15	64QAM	36	0	16.42	16.49	16.28	18.00
15	64QAM	36	20	16.40	16.58	16.31	18.00
15	64QAM	36	39	16.52	16.57	16.31	18.00
15	64QAM	75	0	16.47	16.61	16.28	18.00
15	256QAM	1	0	14.24	14.44	14.15	16.00
15	256QAM	1	37	14.35	14.34	14.00	16.00
15	256QAM	1	74	14.24	14.38	14.12	16.00
15	256QAM	36	0	14.34	14.40	14.13	16.00
15	256QAM	36	20	14.50	14.55	14.17	16.00
15	256QAM	36	39	14.42	14.48	14.25	16.00
15	256QAM	75	0	14.47	14.48	14.14	16.00
Channel				42140	42590	43040	Tune-up limit
Frequency (MHz)				3455	3500	3545	(dBm)
10	QPSK	1	0	19.68	19.74	19.48	20.50
10	QPSK	1	25	19.40	19.43	19.19	20.50
10	QPSK	1	49	19.26	19.43	19.08	20.50
10	QPSK	25	0	18.41	18.55	18.30	20.00
10	QPSK	25	12	18.48	18.54	18.24	20.00
10	QPSK	25	25	18.38	18.61	18.28	20.00
10	QPSK	50	0	18.43	18.48	18.21	20.00
10	16QAM	1	0	18.43	18.44	18.22	20.00
10	16QAM	1	25	18.64	18.71	18.30	20.00
10	16QAM	1	49	18.34	18.46	18.11	20.00
10	16QAM	25	0	17.55	17.52	17.27	19.00
10	16QAM	25	12	17.59	17.61	17.29	19.00
10	16QAM	25	25	17.42	17.55	17.18	19.00
10	16QAM	50	0	17.58	17.57	17.24	19.00
10	64QAM	1	0	17.42	17.40	17.13	19.00
10	64QAM	1	25	17.22	17.38	17.02	19.00
10	64QAM	1	49	17.38	17.53	17.17	19.00
10	64QAM	25	0	16.39	16.49	16.29	18.00
10	64QAM	25	12	16.38	16.62	16.23	18.00
10	64QAM	25	25	16.48	16.48	16.34	18.00
10	64QAM	50	0	16.57	16.58	16.20	18.00
10	256QAM	1	0	14.34	14.44	14.12	16.00
10	256QAM	1	25	14.28	14.32	14.13	16.00
10	256QAM	1	49	14.22	14.31	14.03	16.00
10	256QAM	25	0	14.30	14.47	14.06	16.00

10	256QAM	25	12	14.52	14.53	14.20	16.00
10	256QAM	25	25	14.30	14.53	14.18	16.00
10	256QAM	50	0	14.41	14.49	14.13	16.00
Channel				42115	42590	43065	Tune-up limit (dBm)
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	19.70	19.72	19.49	20.50
5	QPSK	1	12	19.40	19.42	19.09	20.50
5	QPSK	1	24	19.24	19.37	19.01	20.50
5	QPSK	12	0	18.41	18.64	18.20	20.00
5	QPSK	12	7	18.55	18.54	18.31	20.00
5	QPSK	12	13	18.50	18.54	18.22	20.00
5	QPSK	25	0	18.49	18.56	18.25	20.00
5	16QAM	1	0	18.42	18.55	18.17	20.00
5	16QAM	1	12	18.65	18.73	18.27	20.00
5	16QAM	1	24	18.34	18.49	18.18	20.00
5	16QAM	12	0	17.47	17.47	17.18	19.00
5	16QAM	12	7	17.58	17.63	17.26	19.00
5	16QAM	12	13	17.44	17.55	17.17	19.00
5	16QAM	25	0	17.56	17.58	17.19	19.00
5	64QAM	1	0	17.41	17.42	17.21	19.00
5	64QAM	1	12	17.32	17.37	17.01	19.00
5	64QAM	1	24	17.32	17.44	17.09	19.00
5	64QAM	12	0	16.34	16.45	16.27	18.00
5	64QAM	12	7	16.38	16.59	16.31	18.00
5	64QAM	12	13	16.51	16.55	16.25	18.00
5	64QAM	25	0	16.56	16.59	16.21	18.00
5	256QAM	1	0	14.26	14.35	14.21	16.00
5	256QAM	1	12	14.26	14.35	14.09	16.00
5	256QAM	1	24	14.24	14.41	14.08	16.00
5	256QAM	12	0	14.39	14.38	14.08	16.00
5	256QAM	12	7	14.48	14.44	14.21	16.00
5	256QAM	12	13	14.32	14.50	14.30	16.00
5	256QAM	25	0	14.43	14.55	14.19	16.00

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

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	Tune-up limit (dBm)
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	19.80	19.81	19.53	21.00
20	QPSK	1	49	19.42	19.56	19.20	21.00
20	QPSK	1	99	19.36	19.49	19.13	21.00
20	QPSK	50	0	18.58	18.67	18.40	20.00
20	QPSK	50	24	18.57	18.65	18.38	20.00
20	QPSK	50	50	18.52	18.65	18.29	20.00
20	QPSK	100	0	18.54	18.63	18.35	20.00
20	16QAM	1	0	18.53	18.57	18.27	20.00
20	16QAM	1	49	18.75	18.81	18.39	20.00
20	16QAM	1	99	18.42	18.52	18.24	20.00
20	16QAM	50	0	17.57	17.59	17.31	19.00
20	16QAM	50	24	17.63	17.69	17.31	19.00
20	16QAM	50	50	17.52	17.62	17.26	19.00
20	16QAM	100	0	17.59	17.61	17.26	19.00
20	64QAM	1	0	17.48	17.54	17.27	19.00
20	64QAM	1	49	17.36	17.50	17.12	19.00
20	64QAM	1	99	17.47	17.55	17.20	19.00
20	64QAM	50	0	16.44	16.59	16.33	18.00
20	64QAM	50	24	16.52	16.66	16.35	18.00
20	64QAM	50	50	16.55	16.63	16.35	18.00
20	64QAM	100	0	16.61	16.68	16.34	18.00
20	256QAM	1	0	14.36	14.48	14.24	16.00
20	256QAM	1	49	14.36	14.44	14.14	16.00
20	256QAM	1	99	14.37	14.45	14.15	16.00
20	256QAM	50	0	14.43	14.50	14.20	16.00
20	256QAM	50	24	14.56	14.58	14.24	16.00
20	256QAM	50	50	14.45	14.58	14.32	16.00
20	256QAM	100	0	14.53	14.58	14.25	16.00
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	19.66	19.67	19.42	21.00
15	QPSK	1	37	19.36	19.45	19.17	21.00

15	QPSK	1	74	19.30	19.43	19.03	21.00
15	QPSK	36	0	18.49	18.54	18.24	20.00
15	QPSK	36	20	18.45	18.62	18.29	20.00
15	QPSK	36	39	18.46	18.53	18.23	20.00
15	QPSK	75	0	18.47	18.53	18.26	20.00
15	16QAM	1	0	18.48	18.46	18.14	20.00
15	16QAM	1	37	18.64	18.73	18.27	20.00
15	16QAM	1	74	18.38	18.47	18.16	20.00
15	16QAM	36	0	17.45	17.50	17.25	19.00
15	16QAM	36	20	17.54	17.57	17.20	19.00
15	16QAM	36	39	17.42	17.54	17.17	19.00
15	16QAM	75	0	17.47	17.59	17.14	19.00
15	64QAM	1	0	17.42	17.46	17.16	19.00
15	64QAM	1	37	17.35	17.46	17.07	19.00
15	64QAM	1	74	17.41	17.41	17.05	19.00
15	64QAM	36	0	16.42	16.49	16.28	18.00
15	64QAM	36	20	16.40	16.58	16.31	18.00
15	64QAM	36	39	16.52	16.57	16.31	18.00
15	64QAM	75	0	16.47	16.61	16.28	18.00
15	256QAM	1	0	14.24	14.44	14.15	16.00
15	256QAM	1	37	14.35	14.34	14.00	16.00
15	256QAM	1	74	14.24	14.38	14.12	16.00
15	256QAM	36	0	14.34	14.40	14.13	16.00
15	256QAM	36	20	14.50	14.55	14.17	16.00
15	256QAM	36	39	14.42	14.48	14.25	16.00
15	256QAM	75	0	14.47	14.48	14.14	16.00
Channel				42140	42590	43040	Tune-up limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	19.68	19.74	19.48	21.00
10	QPSK	1	25	19.40	19.43	19.19	21.00
10	QPSK	1	49	19.26	19.43	19.08	21.00
10	QPSK	25	0	18.41	18.55	18.30	20.00
10	QPSK	25	12	18.48	18.54	18.24	20.00
10	QPSK	25	25	18.38	18.61	18.28	20.00
10	QPSK	50	0	18.43	18.48	18.21	20.00
10	16QAM	1	0	18.43	18.44	18.22	20.00
10	16QAM	1	25	18.64	18.71	18.30	20.00
10	16QAM	1	49	18.34	18.46	18.11	20.00
10	16QAM	25	0	17.55	17.52	17.27	19.00
10	16QAM	25	12	17.59	17.61	17.29	19.00
10	16QAM	25	25	17.42	17.55	17.18	19.00
10	16QAM	50	0	17.58	17.57	17.24	19.00
10	64QAM	1	0	17.42	17.40	17.13	19.00
10	64QAM	1	25	17.22	17.38	17.02	19.00
10	64QAM	1	49	17.38	17.53	17.17	19.00
10	64QAM	25	0	16.39	16.49	16.29	18.00
10	64QAM	25	12	16.38	16.62	16.23	18.00
10	64QAM	25	25	16.48	16.48	16.34	18.00
10	64QAM	50	0	16.57	16.58	16.20	18.00
10	256QAM	1	0	14.34	14.44	14.12	16.00
10	256QAM	1	25	14.28	14.32	14.13	16.00
10	256QAM	1	49	14.22	14.31	14.03	16.00
10	256QAM	25	0	14.30	14.47	14.06	16.00
10	256QAM	25	12	14.52	14.53	14.20	16.00
10	256QAM	25	25	14.30	14.53	14.18	16.00
10	256QAM	50	0	14.41	14.49	14.13	16.00
Channel				42115	42590	43065	Tune-up limit (dBm)
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	19.70	19.72	19.49	21.00
5	QPSK	1	12	19.40	19.42	19.09	21.00
5	QPSK	1	24	19.24	19.37	19.01	21.00
5	QPSK	12	0	18.41	18.64	18.20	20.00
5	QPSK	12	7	18.55	18.54	18.31	20.00
5	QPSK	12	13	18.50	18.54	18.22	20.00
5	QPSK	25	0	18.49	18.56	18.25	20.00
5	16QAM	1	0	18.42	18.55	18.17	20.00
5	16QAM	1	12	18.65	18.73	18.27	20.00
5	16QAM	1	24	18.34	18.49	18.18	20.00
5	16QAM	12	0	17.47	17.47	17.18	19.00
5	16QAM	12	7	17.58	17.63	17.26	19.00
5	16QAM	12	13	17.44	17.55	17.17	19.00
5	16QAM	25	0	17.56	17.58	17.19	19.00
5	64QAM	1	0	17.41	17.42	17.21	19.00
5	64QAM	1	12	17.32	17.37	17.01	19.00
5	64QAM	1	24	17.32	17.44	17.09	19.00
5	64QAM	12	0	16.34	16.45	16.27	18.00
5	64QAM	12	7	16.38	16.59	16.31	18.00
5	64QAM	12	13	16.51	16.55	16.25	18.00

5	64QAM	25	0	16.56	16.59	16.21	18.00
5	256QAM	1	0	14.26	14.35	14.21	16.00
5	256QAM	1	12	14.26	14.35	14.09	16.00
5	256QAM	1	24	14.24	14.41	14.08	16.00
5	256QAM	12	0	14.39	14.38	14.08	16.00
5	256QAM	12	7	14.48	14.44	14.21	16.00
5	256QAM	12	13	14.32	14.50	14.30	16.00
5	256QAM	25	0	14.43	14.55	14.19	16.00

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

4_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	19.80	19.81	19.53	21.00
20	QPSK	1	49	19.42	19.56	19.20	21.00
20	QPSK	1	99	19.36	19.49	19.13	21.00
20	QPSK	50	0	18.58	18.67	18.40	20.00
20	QPSK	50	24	18.57	18.65	18.38	20.00
20	QPSK	50	50	18.52	18.65	18.29	20.00
20	QPSK	100	0	18.54	18.63	18.35	20.00
20	16QAM	1	0	18.53	18.57	18.27	20.00
20	16QAM	1	49	18.75	18.81	18.39	20.00
20	16QAM	1	99	18.42	18.52	18.24	20.00
20	16QAM	50	0	17.57	17.59	17.31	19.00
20	16QAM	50	24	17.63	17.69	17.31	19.00
20	16QAM	50	50	17.52	17.62	17.26	19.00
20	16QAM	100	0	17.59	17.61	17.26	19.00
20	64QAM	1	0	17.48	17.54	17.27	19.00
20	64QAM	1	49	17.36	17.50	17.12	19.00
20	64QAM	1	99	17.47	17.55	17.20	19.00
20	64QAM	50	0	16.44	16.59	16.33	18.00
20	64QAM	50	24	16.52	16.66	16.35	18.00
20	64QAM	50	50	16.55	16.63	16.35	18.00
20	64QAM	100	0	16.61	16.68	16.34	18.00
20	256QAM	1	0	14.36	14.48	14.24	16.00
20	256QAM	1	49	14.36	14.44	14.14	16.00
20	256QAM	1	99	14.37	14.45	14.15	16.00
20	256QAM	50	0	14.43	14.50	14.20	16.00
20	256QAM	50	24	14.56	14.58	14.24	16.00
20	256QAM	50	50	14.45	14.58	14.32	16.00
20	256QAM	100	0	14.53	14.58	14.25	16.00
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	19.66	19.67	19.42	21.00
15	QPSK	1	37	19.36	19.45	19.17	21.00
15	QPSK	1	74	19.30	19.43	19.03	21.00
15	QPSK	36	0	18.49	18.54	18.24	20.00
15	QPSK	36	20	18.45	18.62	18.29	20.00
15	QPSK	36	39	18.46	18.53	18.23	20.00
15	QPSK	75	0	18.47	18.53	18.26	20.00
15	16QAM	1	0	18.48	18.46	18.14	20.00
15	16QAM	1	37	18.64	18.73	18.27	20.00
15	16QAM	1	74	18.38	18.47	18.16	20.00
15	16QAM	36	0	17.45	17.50	17.25	19.00
15	16QAM	36	20	17.54	17.57	17.20	19.00
15	16QAM	36	39	17.42	17.54	17.17	19.00
15	16QAM	75	0	17.47	17.59	17.14	19.00
15	64QAM	1	0	17.42	17.46	17.16	19.00
15	64QAM	1	37	17.35	17.46	17.07	19.00
15	64QAM	1	74	17.41	17.41	17.05	19.00
15	64QAM	36	0	16.42	16.49	16.28	18.00
15	64QAM	36	20	16.40	16.58	16.31	18.00
15	64QAM	36	39	16.52	16.57	16.31	18.00
15	64QAM	75	0	16.47	16.61	16.28	18.00
15	256QAM	1	0	14.24	14.44	14.15	16.00
15	256QAM	1	37	14.35	14.34	14.00	16.00
15	256QAM	1	74	14.24	14.38	14.12	16.00
15	256QAM	36	0	14.34	14.40	14.13	16.00
15	256QAM	36	20	14.50	14.55	14.17	16.00
15	256QAM	36	39	14.42	14.48	14.25	16.00

15	256QAM	75	0	14.47	14.48	14.14	16.00
Channel				42140	42590	43040	Tune-up limit
Frequency (MHz)				3455	3500	3545	(dBm)
10	QPSK	1	0	19.68	19.74	19.48	21.00
10	QPSK	1	25	19.40	19.43	19.19	21.00
10	QPSK	1	49	19.26	19.43	19.08	21.00
10	QPSK	25	0	18.41	18.55	18.30	20.00
10	QPSK	25	12	18.48	18.54	18.24	20.00
10	QPSK	25	25	18.38	18.61	18.28	20.00
10	QPSK	50	0	18.43	18.48	18.21	20.00
10	16QAM	1	0	18.43	18.44	18.22	20.00
10	16QAM	1	25	18.64	18.71	18.30	20.00
10	16QAM	1	49	18.34	18.46	18.11	20.00
10	16QAM	25	0	17.55	17.52	17.27	19.00
10	16QAM	25	12	17.59	17.61	17.29	19.00
10	16QAM	25	25	17.42	17.55	17.18	19.00
10	16QAM	50	0	17.58	17.57	17.24	19.00
10	64QAM	1	0	17.42	17.40	17.13	19.00
10	64QAM	1	25	17.22	17.38	17.02	19.00
10	64QAM	1	49	17.38	17.53	17.17	19.00
10	64QAM	25	0	16.39	16.49	16.29	18.00
10	64QAM	25	12	16.38	16.62	16.23	18.00
10	64QAM	25	25	16.48	16.48	16.34	18.00
10	64QAM	50	0	16.57	16.58	16.20	18.00
10	256QAM	1	0	14.34	14.44	14.12	16.00
10	256QAM	1	25	14.28	14.32	14.13	16.00
10	256QAM	1	49	14.22	14.31	14.03	16.00
10	256QAM	25	0	14.30	14.47	14.06	16.00
10	256QAM	25	12	14.52	14.53	14.20	16.00
10	256QAM	25	25	14.30	14.53	14.18	16.00
10	256QAM	50	0	14.41	14.49	14.13	16.00
Channel				42115	42590	43065	Tune-up limit
Frequency (MHz)				3452.5	3500	3547.5	(dBm)
5	QPSK	1	0	19.70	19.72	19.49	21.00
5	QPSK	1	12	19.40	19.42	19.09	21.00
5	QPSK	1	24	19.24	19.37	19.01	21.00
5	QPSK	12	0	18.41	18.64	18.20	20.00
5	QPSK	12	7	18.55	18.54	18.31	20.00
5	QPSK	12	13	18.50	18.54	18.22	20.00
5	QPSK	25	0	18.49	18.56	18.25	20.00
5	16QAM	1	0	18.42	18.55	18.17	20.00
5	16QAM	1	12	18.65	18.73	18.27	20.00
5	16QAM	1	24	18.34	18.49	18.18	20.00
5	16QAM	12	0	17.47	17.47	17.18	19.00
5	16QAM	12	7	17.58	17.63	17.26	19.00
5	16QAM	12	13	17.44	17.55	17.17	19.00
5	16QAM	25	0	17.56	17.58	17.19	19.00
5	64QAM	1	0	17.41	17.42	17.21	19.00
5	64QAM	1	12	17.32	17.37	17.01	19.00
5	64QAM	1	24	17.32	17.44	17.09	19.00
5	64QAM	12	0	16.34	16.45	16.27	18.00
5	64QAM	12	7	16.38	16.59	16.31	18.00
5	64QAM	12	13	16.51	16.55	16.25	18.00
5	64QAM	25	0	16.56	16.59	16.21	18.00
5	256QAM	1	0	14.26	14.35	14.21	16.00
5	256QAM	1	12	14.26	14.35	14.09	16.00
5	256QAM	1	24	14.24	14.41	14.08	16.00
5	256QAM	12	0	14.39	14.38	14.08	16.00
5	256QAM	12	7	14.48	14.44	14.21	16.00
5	256QAM	12	13	14.32	14.50	14.30	16.00
5	256QAM	25	0	14.43	14.55	14.19	16.00

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

4_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	16.87	16.96	16.82	18.10
20	QPSK	1	49	16.72	16.91	16.71	18.10
20	QPSK	1	99	16.89	16.83	16.83	18.10
20	QPSK	50	0	16.83	16.87	16.84	18.10

20	QPSK	50	24	16.74	16.80	16.77	18.10
20	QPSK	50	50	16.69	16.82	16.69	18.10
20	QPSK	100	0	16.55	16.68	16.58	18.10
20	16QAM	1	0	16.65	16.69	16.83	18.10
20	16QAM	1	49	16.67	16.67	16.77	18.10
20	16QAM	1	99	16.59	16.56	16.70	18.10
20	16QAM	50	0	16.83	16.68	16.78	18.10
20	16QAM	50	24	16.78	16.77	16.90	18.10
20	16QAM	50	50	16.75	16.66	16.80	18.10
20	16QAM	100	0	16.65	16.85	16.74	18.10
20	64QAM	1	0	16.74	16.80	16.79	18.10
20	64QAM	1	49	16.79	16.66	16.80	18.10
20	64QAM	1	99	16.75	16.87	16.74	18.10
20	64QAM	50	0	16.87	16.95	16.82	18.00
20	64QAM	50	24	16.72	16.96	16.71	18.00
20	64QAM	50	50	16.89	16.83	16.83	18.00
20	64QAM	100	0	16.87	16.82	16.84	18.00
20	256QAM	1	0	14.31	14.51	14.30	16.00
20	256QAM	1	49	14.21	14.42	14.19	16.00
20	256QAM	1	99	14.31	14.46	14.25	16.00
20	256QAM	50	0	14.35	14.48	14.28	16.00
20	256QAM	50	24	14.26	14.48	14.31	16.00
20	256QAM	50	50	14.31	14.51	14.27	16.00
20	256QAM	100	0	14.31	14.50	14.37	16.00
Channel				42165	42590	43015	Tune-up limit
Frequency (MHz)				3457.5	3500	3542.5	(dBm)
15	QPSK	1	0	16.84	16.81	16.74	18.10
15	QPSK	1	37	16.63	16.84	16.64	18.10
15	QPSK	1	74	16.85	16.72	16.73	18.10
15	QPSK	36	0	16.75	16.80	16.82	18.10
15	QPSK	36	20	16.69	16.67	16.64	18.10
15	QPSK	36	39	16.58	16.76	16.58	18.10
15	QPSK	75	0	16.51	16.58	16.51	18.10
15	16QAM	1	0	16.62	16.67	16.76	18.10
15	16QAM	1	37	16.64	16.55	16.65	18.10
15	16QAM	1	74	16.55	16.54	16.67	18.10
15	16QAM	36	0	16.71	16.56	16.63	18.10
15	16QAM	36	20	16.68	16.73	16.78	18.10
15	16QAM	36	39	16.69	16.63	16.70	18.10
15	16QAM	75	0	16.64	16.71	16.65	18.10
15	64QAM	1	0	16.61	16.78	16.73	18.10
15	64QAM	1	37	16.69	16.54	16.73	18.10
15	64QAM	1	74	16.67	16.77	16.64	18.10
15	64QAM	36	0	16.80	16.89	16.80	18.00
15	64QAM	36	20	16.58	16.87	16.67	18.00
15	64QAM	36	39	16.78	16.72	16.72	18.00
15	64QAM	75	0	16.74	16.80	16.79	18.00
15	256QAM	1	0	14.29	14.40	14.17	16.00
15	256QAM	1	37	14.07	14.31	14.10	16.00
15	256QAM	1	74	14.21	14.39	14.15	16.00
15	256QAM	36	0	14.26	14.46	14.16	16.00
15	256QAM	36	20	14.16	14.46	14.30	16.00
15	256QAM	36	39	14.21	14.49	14.13	16.00
15	256QAM	75	0	14.21	14.36	14.30	16.00
Channel				42140	42590	43040	Tune-up limit
Frequency (MHz)				3455	3500	3545	(dBm)
10	QPSK	1	0	16.73	16.83	16.71	18.10
10	QPSK	1	25	16.65	16.86	16.62	18.10
10	QPSK	1	49	16.87	16.80	16.73	18.10
10	QPSK	25	0	16.77	16.81	16.83	18.10
10	QPSK	25	12	16.68	16.75	16.72	18.10
10	QPSK	25	25	16.63	16.73	16.56	18.10
10	QPSK	50	0	16.49	16.64	16.48	18.10
10	16QAM	1	0	16.57	16.67	16.76	18.10
10	16QAM	1	25	16.54	16.59	16.64	18.10
10	16QAM	1	49	16.48	16.44	16.58	18.10
10	16QAM	25	0	16.75	16.65	16.74	18.10
10	16QAM	25	12	16.66	16.70	16.83	18.10
10	16QAM	25	25	16.71	16.54	16.65	18.10
10	16QAM	50	0	16.55	16.79	16.65	18.10
10	64QAM	1	0	16.65	16.74	16.73	18.10
10	64QAM	1	25	16.68	16.53	16.76	18.10
10	64QAM	1	49	16.66	16.84	16.62	18.10
10	64QAM	25	0	16.79	16.85	16.78	18.00
10	64QAM	25	12	16.69	16.81	16.68	18.00
10	64QAM	25	25	16.75	16.76	16.72	18.00
10	64QAM	50	0	16.79	16.68	16.83	18.00
10	256QAM	1	0	14.23	14.42	14.27	16.00

10	256QAM	1	25	14.16	14.34	14.11	16.00
10	256QAM	1	49	14.19	14.41	14.17	16.00
10	256QAM	25	0	14.23	14.45	14.18	16.00
10	256QAM	25	12	14.15	14.35	14.27	16.00
10	256QAM	25	25	14.16	14.46	14.17	16.00
10	256QAM	50	0	14.24	14.44	14.24	16.00
Channel				42115	42590	43065	Tune-up limit
Frequency (MHz)				3452.5	3500	3547.5	(dBm)
5	QPSK	1	0	16.83	16.91	16.70	18.10
5	QPSK	1	12	16.60	16.83	16.56	18.10
5	QPSK	1	24	16.88	16.79	16.81	18.10
5	QPSK	12	0	16.79	16.85	16.82	18.10
5	QPSK	12	7	16.72	16.73	16.72	18.10
5	QPSK	12	13	16.55	16.77	16.63	18.10
5	QPSK	25	0	16.45	16.55	16.45	18.10
5	16QAM	1	0	16.55	16.65	16.80	18.10
5	16QAM	1	12	16.59	16.54	16.71	18.10
5	16QAM	1	24	16.52	16.44	16.59	18.10
5	16QAM	12	0	16.74	16.66	16.73	18.10
5	16QAM	12	7	16.72	16.72	16.80	18.10
5	16QAM	12	13	16.60	16.62	16.72	18.10
5	16QAM	25	0	16.52	16.75	16.60	18.10
5	64QAM	1	0	16.61	16.71	16.64	18.10
5	64QAM	1	12	16.77	16.60	16.74	18.10
5	64QAM	1	24	16.65	16.76	16.67	18.10
5	64QAM	12	0	16.80	16.86	16.69	18.00
5	64QAM	12	7	16.65	16.84	16.67	18.00
5	64QAM	12	13	16.88	16.76	16.68	18.00
5	64QAM	25	0	16.72	16.69	16.71	18.00
5	256QAM	1	0	14.18	14.48	14.20	16.00
5	256QAM	1	12	14.13	14.28	14.11	16.00
5	256QAM	1	24	14.28	14.32	14.14	16.00
5	256QAM	12	0	14.28	14.40	14.13	16.00
5	256QAM	12	7	14.21	14.41	14.18	16.00
5	256QAM	12	13	14.25	14.39	14.22	16.00
5	256QAM	25	0	14.28	14.49	14.33	16.00

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

7_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	22.95	23.01	22.97	24.00
20	QPSK	1	49	22.84	22.97	22.85	24.00
20	QPSK	1	99	22.75	22.88	22.71	24.00
20	QPSK	50	0	21.96	22.06	22.00	23.00
20	QPSK	50	24	21.87	22.05	21.95	23.00
20	QPSK	50	50	21.90	22.01	21.88	23.00
20	QPSK	100	0	21.87	22.02	21.90	23.00
20	16QAM	1	0	21.86	22.01	21.88	23.00
20	16QAM	1	49	21.87	22.03	21.87	23.00
20	16QAM	1	99	21.83	21.92	21.86	23.00
20	16QAM	50	0	20.88	20.97	20.79	22.00
20	16QAM	50	24	20.93	21.05	20.94	22.00
20	16QAM	50	50	20.93	21.03	20.89	22.00
20	16QAM	100	0	20.95	21.04	20.87	22.00
20	64QAM	1	0	20.94	21.00	20.82	22.00
20	64QAM	1	49	20.91	21.01	20.89	22.00
20	64QAM	1	99	20.90	20.99	20.85	22.00
20	64QAM	50	0	19.86	19.96	19.91	21.00
20	64QAM	50	24	20.01	20.05	19.88	21.00
20	64QAM	50	50	19.87	20.02	19.91	21.00
20	64QAM	100	0	19.91	20.04	19.94	21.00
20	256QAM	1	0	17.70	17.76	17.66	19.00
20	256QAM	1	49	17.75	17.88	17.72	19.00
20	256QAM	1	99	17.78	17.87	17.82	19.00
20	256QAM	50	0	17.83	17.88	17.83	19.00
20	256QAM	50	24	17.86	17.99	17.94	19.00
20	256QAM	50	50	17.89	17.94	17.78	19.00
20	256QAM	100	0	17.84	17.94	17.92	19.00
Channel				42165	42590	43015	Tune-up limit

Frequency (MHz)				3457.5	3500	3542.5	(dBm)
15	QPSK	1	0	22.91	22.96	22.93	24.00
15	QPSK	1	37	22.72	22.91	22.74	24.00
15	QPSK	1	74	22.69	22.84	22.60	24.00
15	QPSK	36	0	21.82	22.04	21.87	23.00
15	QPSK	36	20	21.84	22.02	21.82	23.00
15	QPSK	36	39	21.82	21.93	21.85	23.00
15	QPSK	75	0	21.81	21.97	21.83	23.00
15	16QAM	1	0	21.83	21.92	21.85	23.00
15	16QAM	1	37	21.81	21.88	21.74	23.00
15	16QAM	1	74	21.78	21.85	21.79	23.00
15	16QAM	36	0	20.80	20.84	20.69	22.00
15	16QAM	36	20	20.80	20.99	20.87	22.00
15	16QAM	36	39	20.86	20.94	20.75	22.00
15	16QAM	75	0	20.90	20.92	20.76	22.00
15	64QAM	1	0	20.91	20.88	20.67	22.00
15	64QAM	1	37	20.83	20.90	20.81	22.00
15	64QAM	1	74	20.87	20.95	20.76	22.00
15	64QAM	36	0	19.75	19.87	19.80	21.00
15	64QAM	36	20	19.94	19.93	19.74	21.00
15	64QAM	36	39	19.83	20.01	19.79	21.00
15	64QAM	75	0	19.82	19.99	19.82	21.00
15	256QAM	1	0	17.65	17.67	17.62	19.00
15	256QAM	1	37	17.71	17.81	17.66	19.00
15	256QAM	1	74	17.68	17.85	17.75	19.00
15	256QAM	36	0	17.72	17.84	17.71	19.00
15	256QAM	36	20	17.71	17.85	17.89	19.00
15	256QAM	36	39	17.77	17.90	17.69	19.00
15	256QAM	75	0	17.73	17.82	17.78	19.00
Channel				42140	42590	43040	Tune-up limit
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	22.92	22.92	22.87	24.00
10	QPSK	1	25	22.79	22.83	22.70	24.00
10	QPSK	1	49	22.65	22.80	22.69	24.00
10	QPSK	25	0	21.83	21.97	21.90	23.00
10	QPSK	25	12	21.74	21.99	21.89	23.00
10	QPSK	25	25	21.77	21.96	21.76	23.00
10	QPSK	50	0	21.83	21.89	21.88	23.00
10	16QAM	1	0	21.84	21.96	21.74	23.00
10	16QAM	1	25	21.79	21.94	21.78	23.00
10	16QAM	1	49	21.71	21.77	21.83	23.00
10	16QAM	25	0	20.75	20.91	20.68	22.00
10	16QAM	25	12	20.86	20.93	20.92	22.00
10	16QAM	25	25	20.92	20.95	20.87	22.00
10	16QAM	50	0	20.85	20.97	20.82	22.00
10	64QAM	1	0	20.82	20.93	20.71	22.00
10	64QAM	1	25	20.84	20.95	20.82	22.00
10	64QAM	1	49	20.87	20.98	20.76	22.00
10	64QAM	25	0	19.75	19.91	19.85	21.00
10	64QAM	25	12	19.92	19.92	19.73	21.00
10	64QAM	25	25	19.79	19.95	19.77	21.00
10	64QAM	50	0	19.80	19.95	19.81	21.00
10	256QAM	1	0	17.56	17.69	17.54	19.00
10	256QAM	1	25	17.72	17.80	17.67	19.00
10	256QAM	1	49	17.70	17.76	17.81	19.00
10	256QAM	25	0	17.81	17.86	17.69	19.00
10	256QAM	25	12	17.77	17.84	17.86	19.00
10	256QAM	25	25	17.79	17.79	17.73	19.00
10	256QAM	50	0	17.78	17.92	17.88	19.00
Channel				42115	42590	43065	Tune-up limit
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	22.84	22.86	22.83	24.00
5	QPSK	1	12	22.78	22.94	22.71	24.00
5	QPSK	1	24	22.65	22.85	22.66	24.00
5	QPSK	12	0	21.90	22.01	21.87	23.00
5	QPSK	12	7	21.73	21.93	21.91	23.00
5	QPSK	12	13	21.78	21.87	21.79	23.00
5	QPSK	25	0	21.75	22.01	21.82	23.00
5	16QAM	1	0	21.73	21.86	21.79	23.00
5	16QAM	1	12	21.85	22.01	21.82	23.00
5	16QAM	1	24	21.75	21.79	21.72	23.00
5	16QAM	12	0	20.79	20.94	20.66	22.00
5	16QAM	12	7	20.82	20.99	20.88	22.00
5	16QAM	12	13	20.90	20.91	20.80	22.00
5	16QAM	25	0	20.83	21.00	20.84	22.00
5	64QAM	1	0	20.85	20.97	20.80	22.00
5	64QAM	1	12	20.87	20.98	20.83	22.00
5	64QAM	1	24	20.75	20.85	20.79	22.00

5	64QAM	12	0	19.79	19.85	19.86	21.00
5	64QAM	12	7	19.98	19.92	19.77	21.00
5	64QAM	12	13	19.81	19.89	19.76	21.00
5	64QAM	25	0	19.84	19.97	19.91	21.00
5	256QAM	1	0	17.60	17.65	17.57	19.00
5	256QAM	1	12	17.63	17.74	17.68	19.00
5	256QAM	1	24	17.67	17.78	17.75	19.00
5	256QAM	12	0	17.72	17.81	17.72	19.00
5	256QAM	12	7	17.82	17.95	17.80	19.00
5	256QAM	12	13	17.74	17.90	17.76	19.00
5	256QAM	25	0	17.71	17.88	17.80	19.00

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

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	17.87	18.03	17.94	19.10
20	QPSK	1	49	17.85	17.91	17.69	19.10
20	QPSK	1	99	17.83	17.90	17.80	19.10
20	QPSK	50	0	17.78	17.81	17.79	19.10
20	QPSK	50	24	17.71	17.79	17.73	19.10
20	QPSK	50	50	17.63	17.69	17.63	19.10
20	QPSK	100	0	17.47	17.70	17.56	19.10
20	16QAM	1	0	17.59	17.70	17.72	19.10
20	16QAM	1	49	17.69	17.61	17.76	19.10
20	16QAM	1	99	17.62	17.70	17.63	19.10
20	16QAM	50	0	17.82	17.68	17.79	19.10
20	16QAM	50	24	17.76	17.66	17.81	19.10
20	16QAM	50	50	17.84	17.71	17.80	19.10
20	16QAM	100	0	17.71	17.88	17.84	19.10
20	64QAM	1	0	17.81	17.81	17.87	19.10
20	64QAM	1	49	17.77	17.73	17.82	19.10
20	64QAM	1	99	17.76	17.83	17.86	19.10
20	64QAM	50	0	17.80	17.84	17.68	19.10
20	64QAM	50	24	17.79	17.81	17.74	19.10
20	64QAM	50	50	17.65	17.79	17.89	19.10
20	64QAM	100	0	17.74	17.89	17.86	19.10
20	256QAM	1	0	17.78	17.93	17.78	19.00
20	256QAM	1	49	17.62	17.85	17.71	19.00
20	256QAM	1	99	17.86	17.81	17.76	19.00
20	256QAM	50	0	17.76	17.87	17.84	19.00
20	256QAM	50	24	17.67	17.76	17.86	19.00
20	256QAM	50	50	17.70	17.72	17.79	19.00
20	256QAM	100	0	17.78	17.79	17.82	19.00
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	17.74	17.89	17.88	19.10
15	QPSK	1	37	17.79	17.78	17.65	19.10
15	QPSK	1	74	17.81	17.82	17.74	19.10
15	QPSK	36	0	17.64	17.71	17.76	19.10
15	QPSK	36	20	17.68	17.76	17.69	19.10
15	QPSK	36	39	17.57	17.63	17.60	19.10
15	QPSK	75	0	17.33	17.56	17.53	19.10
15	16QAM	1	0	17.56	17.57	17.64	19.10
15	16QAM	1	37	17.55	17.59	17.63	19.10
15	16QAM	1	74	17.47	17.68	17.58	19.10
15	16QAM	36	0	17.78	17.61	17.65	19.10
15	16QAM	36	20	17.73	17.56	17.71	19.10
15	16QAM	36	39	17.70	17.68	17.75	19.10
15	16QAM	75	0	17.69	17.83	17.78	19.10
15	64QAM	1	0	17.72	17.77	17.84	19.10
15	64QAM	1	37	17.71	17.68	17.75	19.10
15	64QAM	1	74	17.63	17.68	17.76	19.10
15	64QAM	36	0	17.74	17.79	17.58	19.10
15	64QAM	36	20	17.66	17.78	17.71	19.10
15	64QAM	36	39	17.64	17.76	17.75	19.10
15	64QAM	75	0	17.68	17.76	17.85	19.10
15	256QAM	1	0	17.68	17.81	17.74	19.00
15	256QAM	1	37	17.60	17.82	17.69	19.00
15	256QAM	1	74	17.77	17.76	17.71	19.00

15	256QAM	36	0	17.66	17.80	17.79	19.00
15	256QAM	36	20	17.55	17.65	17.76	19.00
15	256QAM	36	39	17.60	17.62	17.67	19.00
15	256QAM	75	0	17.72	17.78	17.69	19.00
Channel				42140	42590	43040	Tune-up limit
Frequency (MHz)				3455	3500	3545	(dBm)
10	QPSK	1	0	17.72	17.92	17.80	19.10
10	QPSK	1	25	17.83	17.78	17.63	19.10
10	QPSK	1	49	17.78	17.84	17.66	19.10
10	QPSK	25	0	17.64	17.70	17.72	19.10
10	QPSK	25	12	17.57	17.75	17.59	19.10
10	QPSK	25	25	17.61	17.56	17.51	19.10
10	QPSK	50	0	17.34	17.65	17.51	19.10
10	16QAM	1	0	17.50	17.68	17.63	19.10
10	16QAM	1	25	17.56	17.48	17.65	19.10
10	16QAM	1	49	17.55	17.57	17.57	19.10
10	16QAM	25	0	17.78	17.55	17.69	19.10
10	16QAM	25	12	17.72	17.57	17.80	19.10
10	16QAM	25	25	17.70	17.61	17.71	19.10
10	16QAM	50	0	17.65	17.84	17.71	19.10
10	64QAM	1	0	17.72	17.68	17.86	19.10
10	64QAM	1	25	17.74	17.70	17.69	19.10
10	64QAM	1	49	17.69	17.76	17.73	19.10
10	64QAM	25	0	17.67	17.73	17.58	19.10
10	64QAM	25	12	17.75	17.79	17.69	19.10
10	64QAM	25	25	17.50	17.76	17.77	19.10
10	64QAM	50	0	17.70	17.86	17.71	19.10
10	256QAM	1	0	17.65	17.90	17.76	19.00
10	256QAM	1	25	17.48	17.70	17.68	19.00
10	256QAM	1	49	17.81	17.67	17.66	19.00
10	256QAM	25	0	17.65	17.83	17.76	19.00
10	256QAM	25	12	17.57	17.75	17.79	19.00
10	256QAM	25	25	17.58	17.59	17.77	19.00
10	256QAM	50	0	17.75	17.67	17.67	19.00
Channel				42115	42590	43065	Tune-up limit
Frequency (MHz)				3452.5	3500	3547.5	(dBm)
5	QPSK	1	0	17.83	17.89	17.85	19.10
5	QPSK	1	12	17.84	17.83	17.56	19.10
5	QPSK	1	24	17.84	17.84	17.79	19.10
5	QPSK	12	0	17.64	17.66	17.74	19.10
5	QPSK	12	7	17.57	17.68	17.59	19.10
5	QPSK	12	13	17.54	17.54	17.54	19.10
5	QPSK	25	0	17.38	17.61	17.48	19.10
5	16QAM	1	0	17.48	17.65	17.60	19.10
5	16QAM	1	12	17.64	17.50	17.64	19.10
5	16QAM	1	24	17.56	17.64	17.49	19.10
5	16QAM	12	0	17.67	17.67	17.69	19.10
5	16QAM	12	7	17.71	17.62	17.79	19.10
5	16QAM	12	13	17.82	17.60	17.78	19.10
5	16QAM	25	0	17.63	17.76	17.74	19.10
5	64QAM	1	0	17.76	17.70	17.74	19.10
5	64QAM	1	12	17.69	17.64	17.69	19.10
5	64QAM	1	24	17.66	17.75	17.80	19.10
5	64QAM	12	0	17.74	17.72	17.56	19.10
5	64QAM	12	7	17.74	17.70	17.71	19.10
5	64QAM	12	13	17.62	17.73	17.76	19.10
5	64QAM	25	0	17.61	17.80	17.72	19.10
5	256QAM	1	0	17.73	17.88	17.74	19.00
5	256QAM	1	12	17.56	17.77	17.59	19.00
5	256QAM	1	24	17.75	17.78	17.62	19.00
5	256QAM	12	0	17.66	17.72	17.76	19.00
5	256QAM	12	7	17.54	17.66	17.78	19.00
5	256QAM	12	13	17.58	17.59	17.71	19.00
5	256QAM	25	0	17.65	17.69	17.77	19.00

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

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	18.81	18.81	18.75	19.90
20	QPSK	1	49	18.70	18.73	18.64	19.90
20	QPSK	1	99	18.77	18.79	18.70	19.90
20	QPSK	50	0	18.73	18.77	18.65	19.90
20	QPSK	50	24	18.50	18.65	18.58	19.90
20	QPSK	50	50	18.60	18.70	18.59	19.90
20	QPSK	100	0	18.41	18.64	18.39	19.90
20	16QAM	1	0	18.52	18.56	18.60	19.90
20	16QAM	1	49	18.60	18.55	18.58	19.90
20	16QAM	1	99	18.48	18.54	18.63	19.90
20	16QAM	50	0	18.61	18.67	18.57	19.90
20	16QAM	50	24	18.68	18.66	18.75	19.90
20	16QAM	50	50	18.76	18.70	18.67	19.90
20	16QAM	100	0	18.65	18.70	18.73	19.90
20	64QAM	1	0	18.63	18.56	18.68	19.90
20	64QAM	1	49	18.63	18.58	18.76	19.90
20	64QAM	1	99	18.71	18.72	18.65	19.90
20	64QAM	50	0	18.69	18.70	18.58	19.90
20	64QAM	50	24	18.65	18.62	18.60	19.90
20	64QAM	50	50	18.61	18.79	18.72	19.90
20	64QAM	100	0	18.66	18.68	18.67	19.90
20	256QAM	1	0	17.61	17.75	17.66	19.00
20	256QAM	1	49	17.57	17.61	17.51	19.00
20	256QAM	1	99	17.52	17.62	17.53	19.00
20	256QAM	50	0	17.60	17.64	17.55	19.00
20	256QAM	50	24	17.48	17.55	17.47	19.00
20	256QAM	50	50	17.53	17.58	17.41	19.00
20	256QAM	100	0	17.52	17.53	17.33	19.00
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	18.79	18.69	18.69	19.90
15	QPSK	1	37	18.62	18.59	18.52	19.90
15	QPSK	1	74	18.69	18.70	18.62	19.90
15	QPSK	36	0	18.61	18.64	18.51	19.90
15	QPSK	36	20	18.42	18.51	18.55	19.90
15	QPSK	36	39	18.56	18.61	18.53	19.90
15	QPSK	75	0	18.26	18.61	18.25	19.90
15	16QAM	1	0	18.39	18.45	18.55	19.90
15	16QAM	1	37	18.50	18.41	18.50	19.90
15	16QAM	1	74	18.45	18.48	18.51	19.90
15	16QAM	36	0	18.52	18.57	18.53	19.90
15	16QAM	36	20	18.57	18.52	18.61	19.90
15	16QAM	36	39	18.62	18.57	18.64	19.90
15	16QAM	75	0	18.55	18.67	18.70	19.90
15	64QAM	1	0	18.48	18.46	18.57	19.90
15	64QAM	1	37	18.58	18.50	18.74	19.90
15	64QAM	1	74	18.59	18.60	18.60	19.90
15	64QAM	36	0	18.57	18.56	18.56	19.90
15	64QAM	36	20	18.56	18.51	18.56	19.90
15	64QAM	36	39	18.56	18.74	18.58	19.90
15	64QAM	75	0	18.55	18.66	18.65	19.90
15	256QAM	1	0	17.49	17.68	17.54	19.00
15	256QAM	1	37	17.56	17.47	17.44	19.00
15	256QAM	1	74	17.43	17.49	17.51	19.00
15	256QAM	36	0	17.50	17.52	17.42	19.00
15	256QAM	36	20	17.46	17.48	17.41	19.00
15	256QAM	36	39	17.51	17.52	17.38	19.00
15	256QAM	75	0	17.49	17.46	17.22	19.00
Channel				42140	42590	43040	Tune-up limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	18.71	18.80	18.73	19.90
10	QPSK	1	25	18.58	18.61	18.58	19.90
10	QPSK	1	49	18.68	18.65	18.65	19.90
10	QPSK	25	0	18.61	18.66	18.52	19.90
10	QPSK	25	12	18.40	18.63	18.50	19.90
10	QPSK	25	25	18.53	18.59	18.54	19.90
10	QPSK	50	0	18.31	18.57	18.37	19.90
10	16QAM	1	0	18.40	18.53	18.46	19.90

10	16QAM	1	25	18.52	18.50	18.53	19.90
10	16QAM	1	49	18.46	18.52	18.56	19.90
10	16QAM	25	0	18.50	18.52	18.46	19.90
10	16QAM	25	12	18.60	18.51	18.61	19.90
10	16QAM	25	25	18.67	18.64	18.63	19.90
10	16QAM	50	0	18.60	18.68	18.59	19.90
10	64QAM	1	0	18.48	18.43	18.58	19.90
10	64QAM	1	25	18.61	18.56	18.63	19.90
10	64QAM	1	49	18.65	18.64	18.53	19.90
10	64QAM	25	0	18.54	18.68	18.47	19.90
10	64QAM	25	12	18.63	18.48	18.52	19.90
10	64QAM	25	25	18.50	18.69	18.59	19.90
10	64QAM	50	0	18.65	18.59	18.60	19.90
10	256QAM	1	0	17.58	17.72	17.60	19.00
10	256QAM	1	25	17.50	17.59	17.49	19.00
10	256QAM	1	49	17.44	17.49	17.43	19.00
10	256QAM	25	0	17.53	17.51	17.48	19.00
10	256QAM	25	12	17.35	17.51	17.41	19.00
10	256QAM	25	25	17.50	17.52	17.30	19.00
10	256QAM	50	0	17.38	17.48	17.20	19.00
Channel				42115	42590	43065	Tune-up limit (dBm)
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	18.66	18.69	18.71	19.90
5	QPSK	1	12	18.67	18.62	18.51	19.90
5	QPSK	1	24	18.74	18.67	18.57	19.90
5	QPSK	12	0	18.62	18.64	18.50	19.90
5	QPSK	12	7	18.45	18.63	18.52	19.90
5	QPSK	12	13	18.53	18.68	18.45	19.90
5	QPSK	25	0	18.35	18.60	18.28	19.90
5	16QAM	1	0	18.42	18.51	18.47	19.90
5	16QAM	1	12	18.54	18.41	18.52	19.90
5	16QAM	1	24	18.34	18.44	18.57	19.90
5	16QAM	12	0	18.47	18.66	18.54	19.90
5	16QAM	12	7	18.57	18.61	18.65	19.90
5	16QAM	12	13	18.75	18.68	18.54	19.90
5	16QAM	25	0	18.56	18.58	18.64	19.90
5	64QAM	1	0	18.50	18.49	18.67	19.90
5	64QAM	1	12	18.55	18.46	18.67	19.90
5	64QAM	1	24	18.60	18.58	18.61	19.90
5	64QAM	12	0	18.57	18.65	18.50	19.90
5	64QAM	12	7	18.52	18.59	18.55	19.90
5	64QAM	12	13	18.47	18.66	18.58	19.90
5	64QAM	25	0	18.56	18.65	18.53	19.90
5	256QAM	1	0	17.56	17.71	17.63	19.00
5	256QAM	1	12	17.46	17.53	17.46	19.00
5	256QAM	1	24	17.49	17.48	17.52	19.00
5	256QAM	12	0	17.57	17.50	17.50	19.00
5	256QAM	12	7	17.42	17.41	17.40	19.00
5	256QAM	12	13	17.39	17.45	17.34	19.00
5	256QAM	25	0	17.43	17.49	17.24	19.00

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

7_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	22.95	23.01	22.97	24.00
20	QPSK	1	49	22.84	22.97	22.85	24.00
20	QPSK	1	99	22.75	22.88	22.71	24.00
20	QPSK	50	0	21.96	22.06	22.00	23.00
20	QPSK	50	24	21.87	22.05	21.95	23.00
20	QPSK	50	50	21.90	22.01	21.88	23.00
20	QPSK	100	0	21.87	22.02	21.90	23.00
20	16QAM	1	0	21.86	22.01	21.88	23.00
20	16QAM	1	49	21.87	22.03	21.87	23.00
20	16QAM	1	99	21.83	21.92	21.86	23.00
20	16QAM	50	0	20.88	20.97	20.79	22.00
20	16QAM	50	24	20.93	21.05	20.94	22.00
20	16QAM	50	50	20.93	21.03	20.89	22.00
20	16QAM	100	0	20.95	21.04	20.87	22.00
20	64QAM	1	0	20.94	21.00	20.82	22.00

20	64QAM	1	49	20.91	21.01	20.89	22.00
20	64QAM	1	99	20.90	20.99	20.85	22.00
20	64QAM	50	0	19.86	19.96	19.91	21.00
20	64QAM	50	24	20.01	20.05	19.88	21.00
20	64QAM	50	50	19.87	20.02	19.91	21.00
20	64QAM	100	0	19.91	20.04	19.94	21.00
20	256QAM	1	0	17.70	17.76	17.66	19.00
20	256QAM	1	49	17.75	17.88	17.72	19.00
20	256QAM	1	99	17.78	17.87	17.82	19.00
20	256QAM	50	0	17.83	17.88	17.83	19.00
20	256QAM	50	24	17.86	17.99	17.94	19.00
20	256QAM	50	50	17.89	17.94	17.78	19.00
20	256QAM	100	0	17.84	17.94	17.92	19.00
Channel				42165	42590	43015	Tune-up limit
Frequency (MHz)				3457.5	3500	3542.5	(dBm)
15	QPSK	1	0	22.91	22.96	22.93	24.00
15	QPSK	1	37	22.72	22.91	22.74	24.00
15	QPSK	1	74	22.69	22.84	22.60	24.00
15	QPSK	36	0	21.82	22.04	21.87	23.00
15	QPSK	36	20	21.84	22.02	21.82	23.00
15	QPSK	36	39	21.82	21.93	21.85	23.00
15	QPSK	75	0	21.81	21.97	21.83	23.00
15	16QAM	1	0	21.83	21.92	21.85	23.00
15	16QAM	1	37	21.81	21.88	21.74	23.00
15	16QAM	1	74	21.78	21.85	21.79	23.00
15	16QAM	36	0	20.80	20.84	20.69	22.00
15	16QAM	36	20	20.80	20.99	20.87	22.00
15	16QAM	36	39	20.86	20.94	20.75	22.00
15	16QAM	75	0	20.90	20.92	20.76	22.00
15	64QAM	1	0	20.91	20.88	20.67	22.00
15	64QAM	1	37	20.83	20.90	20.81	22.00
15	64QAM	1	74	20.87	20.95	20.76	22.00
15	64QAM	36	0	19.75	19.87	19.80	21.00
15	64QAM	36	20	19.94	19.93	19.74	21.00
15	64QAM	36	39	19.83	20.01	19.79	21.00
15	64QAM	75	0	19.82	19.99	19.82	21.00
15	256QAM	1	0	17.65	17.67	17.62	19.00
15	256QAM	1	37	17.71	17.81	17.66	19.00
15	256QAM	1	74	17.68	17.85	17.75	19.00
15	256QAM	36	0	17.72	17.84	17.71	19.00
15	256QAM	36	20	17.71	17.85	17.89	19.00
15	256QAM	36	39	17.77	17.90	17.69	19.00
15	256QAM	75	0	17.73	17.82	17.78	19.00
Channel				42140	42590	43040	Tune-up limit
Frequency (MHz)				3455	3500	3545	(dBm)
10	QPSK	1	0	22.92	22.92	22.87	24.00
10	QPSK	1	25	22.79	22.83	22.70	24.00
10	QPSK	1	49	22.65	22.80	22.69	24.00
10	QPSK	25	0	21.83	21.97	21.90	23.00
10	QPSK	25	12	21.74	21.99	21.89	23.00
10	QPSK	25	25	21.77	21.96	21.76	23.00
10	QPSK	50	0	21.83	21.89	21.88	23.00
10	16QAM	1	0	21.84	21.96	21.74	23.00
10	16QAM	1	25	21.79	21.94	21.78	23.00
10	16QAM	1	49	21.71	21.77	21.83	23.00
10	16QAM	25	0	20.75	20.91	20.68	22.00
10	16QAM	25	12	20.86	20.93	20.92	22.00
10	16QAM	25	25	20.92	20.95	20.87	22.00
10	16QAM	50	0	20.85	20.97	20.82	22.00
10	64QAM	1	0	20.82	20.93	20.71	22.00
10	64QAM	1	25	20.84	20.95	20.82	22.00
10	64QAM	1	49	20.87	20.98	20.76	22.00
10	64QAM	25	0	19.75	19.91	19.85	21.00
10	64QAM	25	12	19.92	19.92	19.73	21.00
10	64QAM	25	25	19.79	19.95	19.77	21.00
10	64QAM	50	0	19.80	19.95	19.81	21.00
10	256QAM	1	0	17.56	17.69	17.54	19.00
10	256QAM	1	25	17.72	17.80	17.67	19.00
10	256QAM	1	49	17.70	17.76	17.81	19.00
10	256QAM	25	0	17.81	17.86	17.69	19.00
10	256QAM	25	12	17.77	17.84	17.86	19.00
10	256QAM	25	25	17.79	17.79	17.73	19.00
10	256QAM	50	0	17.78	17.92	17.88	19.00
Channel				42115	42590	43065	Tune-up limit
Frequency (MHz)				3452.5	3500	3547.5	(dBm)
5	QPSK	1	0	22.84	22.86	22.83	24.00
5	QPSK	1	12	22.78	22.94	22.71	24.00
5	QPSK	1	24	22.65	22.85	22.66	24.00

5	QPSK	12	0	21.90	22.01	21.87	23.00
5	QPSK	12	7	21.73	21.93	21.91	23.00
5	QPSK	12	13	21.78	21.87	21.79	23.00
5	QPSK	25	0	21.75	22.01	21.82	23.00
5	16QAM	1	0	21.73	21.86	21.79	23.00
5	16QAM	1	12	21.85	22.01	21.82	23.00
5	16QAM	1	24	21.75	21.79	21.72	23.00
5	16QAM	12	0	20.79	20.94	20.66	22.00
5	16QAM	12	7	20.82	20.99	20.88	22.00
5	16QAM	12	13	20.90	20.91	20.80	22.00
5	16QAM	25	0	20.83	21.00	20.84	22.00
5	64QAM	1	0	20.85	20.97	20.80	22.00
5	64QAM	1	12	20.87	20.98	20.83	22.00
5	64QAM	1	24	20.75	20.85	20.79	22.00
5	64QAM	12	0	19.79	19.85	19.86	21.00
5	64QAM	12	7	19.98	19.92	19.77	21.00
5	64QAM	12	13	19.81	19.89	19.76	21.00
5	64QAM	25	0	19.84	19.97	19.91	21.00
5	256QAM	1	0	17.60	17.65	17.57	19.00
5	256QAM	1	12	17.63	17.74	17.68	19.00
5	256QAM	1	24	17.67	17.78	17.75	19.00
5	256QAM	12	0	17.72	17.81	17.72	19.00
5	256QAM	12	7	17.82	17.95	17.80	19.00
5	256QAM	12	13	17.74	17.90	17.76	19.00
5	256QAM	25	0	17.71	17.88	17.80	19.00

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

7_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	22.26	22.35	22.28	23.50
20	QPSK	1	49	22.09	22.23	22.16	23.50
20	QPSK	1	99	22.21	22.26	22.15	23.50
20	QPSK	50	0	21.87	22.07	21.82	23.00
20	QPSK	50	24	21.89	22.03	21.85	23.00
20	QPSK	50	50	21.72	21.95	21.76	23.00
20	QPSK	100	0	21.75	21.97	21.87	23.00
20	16QAM	1	0	21.83	21.94	21.82	23.00
20	16QAM	1	49	21.66	21.88	21.77	23.00
20	16QAM	1	99	21.68	21.85	21.72	23.00
20	16QAM	50	0	20.79	20.99	20.91	22.00
20	16QAM	50	24	20.86	21.01	20.91	22.00
20	16QAM	50	50	20.77	20.97	20.87	22.00
20	16QAM	100	0	20.74	20.92	20.80	22.00
20	64QAM	1	0	20.82	21.01	20.92	22.00
20	64QAM	1	49	20.80	21.02	20.82	22.00
20	64QAM	1	99	20.72	20.95	20.76	22.00
20	64QAM	50	0	19.72	19.90	19.71	21.00
20	64QAM	50	24	19.88	20.01	19.90	21.00
20	64QAM	50	50	19.77	19.92	19.72	21.00
20	64QAM	100	0	19.82	19.94	19.75	21.00
20	256QAM	1	0	17.61	17.80	17.66	19.00
20	256QAM	1	49	17.59	17.77	17.63	19.00
20	256QAM	1	99	17.72	17.82	17.74	19.00
20	256QAM	50	0	17.59	17.76	17.69	19.00
20	256QAM	50	24	17.54	17.71	17.55	19.00
20	256QAM	50	50	17.60	17.82	17.64	19.00
20	256QAM	100	0	17.53	17.75	17.55	19.00
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	22.22	22.28	22.17	23.50
15	QPSK	1	37	21.95	22.09	22.05	23.50
15	QPSK	1	74	22.18	22.12	22.13	23.50
15	QPSK	36	0	21.76	22.00	21.75	23.00
15	QPSK	36	20	21.74	21.91	21.77	23.00
15	QPSK	36	39	21.68	21.84	21.66	23.00
15	QPSK	75	0	21.62	21.84	21.81	23.00
15	16QAM	1	0	21.76	21.85	21.72	23.00
15	16QAM	1	37	21.54	21.84	21.69	23.00
15	16QAM	1	74	21.67	21.80	21.65	23.00

15	16QAM	36	0	20.70	20.95	20.78	22.00
15	16QAM	36	20	20.80	20.94	20.80	22.00
15	16QAM	36	39	20.67	20.85	20.84	22.00
15	16QAM	75	0	20.61	20.81	20.67	22.00
15	64QAM	1	0	20.81	20.99	20.86	22.00
15	64QAM	1	37	20.75	20.92	20.74	22.00
15	64QAM	1	74	20.59	20.83	20.64	22.00
15	64QAM	36	0	19.60	19.85	19.68	21.00
15	64QAM	36	20	19.81	19.91	19.87	21.00
15	64QAM	36	39	19.74	19.80	19.61	21.00
15	64QAM	75	0	19.78	19.86	19.72	21.00
15	256QAM	1	0	17.49	17.73	17.53	19.00
15	256QAM	1	37	17.57	17.71	17.50	19.00
15	256QAM	1	74	17.57	17.69	17.63	19.00
15	256QAM	36	0	17.45	17.66	17.60	19.00
15	256QAM	36	20	17.49	17.68	17.49	19.00
15	256QAM	36	39	17.54	17.75	17.51	19.00
15	256QAM	75	0	17.49	17.61	17.47	19.00
Channel				42140	42590	43040	Tune-up limit
Frequency (MHz)				3455	3500	3545	(dBm)
10	QPSK	1	0	22.21	22.29	22.14	23.50
10	QPSK	1	25	21.98	22.10	22.12	23.50
10	QPSK	1	49	22.09	22.12	22.12	23.50
10	QPSK	25	0	21.75	21.90	21.79	23.00
10	QPSK	25	12	21.82	21.99	21.76	23.00
10	QPSK	25	25	21.58	21.90	21.65	23.00
10	QPSK	50	0	21.73	21.86	21.79	23.00
10	16QAM	1	0	21.74	21.89	21.73	23.00
10	16QAM	1	25	21.55	21.75	21.63	23.00
10	16QAM	1	49	21.63	21.78	21.68	23.00
10	16QAM	25	0	20.77	20.90	20.81	22.00
10	16QAM	25	12	20.73	20.92	20.76	22.00
10	16QAM	25	25	20.74	20.92	20.84	22.00
10	16QAM	50	0	20.66	20.81	20.75	22.00
10	64QAM	1	0	20.68	20.91	20.78	22.00
10	64QAM	1	25	20.69	20.92	20.70	22.00
10	64QAM	1	49	20.58	20.86	20.71	22.00
10	64QAM	25	0	19.67	19.77	19.59	21.00
10	64QAM	25	12	19.82	19.99	19.88	21.00
10	64QAM	25	25	19.71	19.81	19.60	21.00
10	64QAM	50	0	19.78	19.92	19.72	21.00
10	256QAM	1	0	17.59	17.78	17.57	19.00
10	256QAM	1	25	17.50	17.72	17.53	19.00
10	256QAM	1	49	17.62	17.71	17.65	19.00
10	256QAM	25	0	17.45	17.70	17.58	19.00
10	256QAM	25	12	17.41	17.63	17.43	19.00
10	256QAM	25	25	17.57	17.72	17.53	19.00
10	256QAM	50	0	17.40	17.66	17.44	19.00
Channel				42115	42590	43065	Tune-up limit
Frequency (MHz)				3452.5	3500	3547.5	(dBm)
5	QPSK	1	0	22.16	22.22	22.24	23.50
5	QPSK	1	12	22.03	22.20	22.04	23.50
5	QPSK	1	24	22.13	22.25	22.09	23.50
5	QPSK	12	0	21.85	21.91	21.70	23.00
5	QPSK	12	7	21.83	21.89	21.79	23.00
5	QPSK	12	13	21.66	21.87	21.69	23.00
5	QPSK	25	0	21.71	21.86	21.72	23.00
5	16QAM	1	0	21.72	21.90	21.78	23.00
5	16QAM	1	12	21.52	21.86	21.75	23.00
5	16QAM	1	24	21.54	21.78	21.69	23.00
5	16QAM	12	0	20.65	20.92	20.86	22.00
5	16QAM	12	7	20.74	20.89	20.85	22.00
5	16QAM	12	13	20.74	20.83	20.72	22.00
5	16QAM	25	0	20.68	20.89	20.70	22.00
5	64QAM	1	0	20.69	20.87	20.82	22.00
5	64QAM	1	12	20.65	20.91	20.69	22.00
5	64QAM	1	24	20.62	20.85	20.63	22.00
5	64QAM	12	0	19.70	19.88	19.64	21.00
5	64QAM	12	7	19.78	19.97	19.82	21.00
5	64QAM	12	13	19.70	19.86	19.59	21.00
5	64QAM	25	0	19.73	19.81	19.65	21.00
5	256QAM	1	0	17.56	17.76	17.61	19.00
5	256QAM	1	12	17.45	17.64	17.61	19.00
5	256QAM	1	24	17.65	17.69	17.72	19.00
5	256QAM	12	0	17.52	17.68	17.61	19.00
5	256QAM	12	7	17.44	17.60	17.54	19.00
5	256QAM	12	13	17.57	17.69	17.63	19.00
5	256QAM	25	0	17.43	17.65	17.51	19.00

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

7_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	18.10
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	17.40	17.41	17.37	18.10
20	QPSK	1	49	17.28	17.33	17.20	18.10
20	QPSK	1	99	17.23	17.31	17.17	18.10
20	QPSK	50	0	17.28	17.32	17.21	18.10
20	QPSK	50	24	17.17	17.19	17.15	18.10
20	QPSK	50	50	17.11	17.14	17.08	18.10
20	QPSK	100	0	17.04	17.14	17.01	18.10
20	16QAM	1	0	17.16	17.12	17.23	18.10
20	16QAM	1	49	17.06	17.17	17.13	18.10
20	16QAM	1	99	17.10	17.12	17.17	18.10
20	16QAM	50	0	17.24	17.24	17.13	18.10
20	16QAM	50	24	17.25	17.17	17.31	18.10
20	16QAM	50	50	17.26	17.13	17.25	18.10
20	16QAM	100	0	17.16	17.31	17.25	18.10
20	64QAM	1	0	17.21	17.23	17.33	18.10
20	64QAM	1	49	17.11	17.20	17.25	18.10
20	64QAM	1	99	17.26	17.40	17.25	18.10
20	64QAM	50	0	17.26	17.30	17.17	18.10
20	64QAM	50	24	17.14	17.28	17.11	18.10
20	64QAM	50	50	17.06	17.23	17.25	18.10
20	64QAM	100	0	17.19	17.29	17.23	18.10
20	256QAM	1	0	17.15	17.34	17.16	18.10
20	256QAM	1	49	17.12	17.33	17.26	18.10
20	256QAM	1	99	17.24	17.24	17.23	18.10
20	256QAM	50	0	17.17	17.29	17.21	18.10
20	256QAM	50	24	17.19	17.27	17.22	18.10
20	256QAM	50	50	17.19	17.16	17.19	18.10
20	256QAM	100	0	17.12	17.27	17.30	18.10
Channel				42165	42590	43015	18.10
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	17.38	17.26	17.35	18.10
15	QPSK	1	37	17.15	17.26	17.09	18.10
15	QPSK	1	74	17.11	17.16	17.04	18.10
15	QPSK	36	0	17.25	17.18	17.19	18.10
15	QPSK	36	20	17.07	17.11	17.10	18.10
15	QPSK	36	39	17.05	17.03	17.06	18.10
15	QPSK	75	0	16.89	17.08	16.92	18.10
15	16QAM	1	0	17.08	17.06	17.12	18.10
15	16QAM	1	37	17.03	17.12	17.06	18.10
15	16QAM	1	74	17.06	17.10	17.13	18.10
15	16QAM	36	0	17.16	17.10	17.01	18.10
15	16QAM	36	20	17.21	17.15	17.22	18.10
15	16QAM	36	39	17.18	17.07	17.20	18.10
15	16QAM	75	0	17.15	17.21	17.24	18.10
15	64QAM	1	0	17.09	17.14	17.24	18.10
15	64QAM	1	37	16.98	17.08	17.19	18.10
15	64QAM	1	74	17.16	17.30	17.20	18.10
15	64QAM	36	0	17.11	17.24	17.08	18.10
15	64QAM	36	20	17.08	17.15	17.05	18.10
15	64QAM	36	39	16.95	17.20	17.12	18.10
15	64QAM	75	0	17.07	17.23	17.13	18.10
15	256QAM	1	0	17.03	17.28	17.05	18.10
15	256QAM	1	37	17.00	17.24	17.15	18.10
15	256QAM	1	74	17.21	17.12	17.15	18.10
15	256QAM	36	0	17.12	17.20	17.16	18.10
15	256QAM	36	20	17.17	17.15	17.12	18.10
15	256QAM	36	39	17.04	17.13	17.12	18.10
15	256QAM	75	0	17.08	17.15	17.22	18.10
Channel				42140	42590	43040	18.10
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	17.33	17.38	17.24	18.10
10	QPSK	1	25	17.22	17.20	17.10	18.10
10	QPSK	1	49	17.22	17.25	17.03	18.10
10	QPSK	25	0	17.13	17.23	17.18	18.10
10	QPSK	25	12	17.07	17.08	17.08	18.10

10	QPSK	25	25	17.05	17.10	16.97	18.10
10	QPSK	50	0	16.98	17.12	17.00	18.10
10	16QAM	1	0	17.12	16.98	17.20	18.10
10	16QAM	1	25	16.99	17.15	17.04	18.10
10	16QAM	1	49	16.97	17.08	17.14	18.10
10	16QAM	25	0	17.23	17.13	17.01	18.10
10	16QAM	25	12	17.15	17.08	17.19	18.10
10	16QAM	25	25	17.18	17.09	17.20	18.10
10	16QAM	50	0	17.03	17.26	17.23	18.10
10	64QAM	1	0	17.08	17.21	17.29	18.10
10	64QAM	1	25	16.98	17.09	17.11	18.10
10	64QAM	1	49	17.13	17.28	17.17	18.10
10	64QAM	25	0	17.11	17.19	17.10	18.10
10	64QAM	25	12	17.02	17.26	16.99	18.10
10	64QAM	25	25	16.96	17.16	17.14	18.10
10	64QAM	50	0	17.12	17.27	17.13	18.10
10	256QAM	1	0	17.10	17.21	17.05	18.10
10	256QAM	1	25	17.09	17.31	17.19	18.10
10	256QAM	1	49	17.13	17.17	17.13	18.10
10	256QAM	25	0	17.12	17.26	17.17	18.10
10	256QAM	25	12	17.06	17.24	17.08	18.10
10	256QAM	25	25	17.08	17.14	17.11	18.10
10	256QAM	50	0	17.03	17.22	17.27	18.10
Channel				42115	42590	43065	Tune-up limit (dBm)
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	17.29	17.32	17.24	18.10
5	QPSK	1	12	17.19	17.25	17.06	18.10
5	QPSK	1	24	17.09	17.28	17.16	18.10
5	QPSK	12	0	17.15	17.30	17.15	18.10
5	QPSK	12	7	17.10	17.11	17.04	18.10
5	QPSK	12	13	17.03	17.05	17.03	18.10
5	QPSK	25	0	16.91	17.06	16.98	18.10
5	16QAM	1	0	17.02	17.09	17.18	18.10
5	16QAM	1	12	17.04	17.12	16.99	18.10
5	16QAM	1	24	17.00	17.03	17.08	18.10
5	16QAM	12	0	17.21	17.18	17.02	18.10
5	16QAM	12	7	17.23	17.03	17.28	18.10
5	16QAM	12	13	17.17	17.08	17.15	18.10
5	16QAM	25	0	17.06	17.28	17.14	18.10
5	64QAM	1	0	17.12	17.16	17.22	18.10
5	64QAM	1	12	17.05	17.15	17.21	18.10
5	64QAM	1	24	17.23	17.30	17.19	18.10
5	64QAM	12	0	17.16	17.27	17.16	18.10
5	64QAM	12	7	17.04	17.24	17.07	18.10
5	64QAM	12	13	16.95	17.21	17.19	18.10
5	64QAM	25	0	17.06	17.14	17.20	18.10
5	256QAM	1	0	17.12	17.29	17.13	18.10
5	256QAM	1	12	17.10	17.30	17.21	18.10
5	256QAM	1	24	17.16	17.13	17.10	18.10
5	256QAM	12	0	17.04	17.24	17.11	18.10
5	256QAM	12	7	17.13	17.19	17.07	18.10
5	256QAM	12	13	17.12	17.03	17.13	18.10
5	256QAM	25	0	17.05	17.13	17.24	18.10

【LTE Band 66_Ant 1_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	22.66	22.79	22.55	24.00
20	QPSK	1	49	22.54	22.72	22.41	24.00
20	QPSK	1	99	22.60	22.77	22.47	24.00
20	QPSK	50	0	21.65	21.77	21.48	23.00
20	QPSK	50	24	21.55	21.72	21.40	23.00
20	QPSK	50	50	21.61	21.75	21.43	23.00
20	QPSK	100	0	21.51	21.73	21.45	23.00
20	16QAM	1	0	21.77	22.04	21.77	23.00
20	16QAM	1	49	21.64	21.88	21.56	23.00
20	16QAM	1	99	21.72	21.87	21.63	23.00
20	16QAM	50	0	20.66	20.80	20.55	22.00
20	16QAM	50	24	20.56	20.76	20.46	22.00
20	16QAM	50	50	20.52	20.75	20.48	22.00

20	16QAM	100	0	20.54	20.76	20.51	22.00
20	64QAM	1	0	20.73	20.96	20.71	22.00
20	64QAM	1	49	20.58	20.76	20.40	22.00
20	64QAM	1	99	20.46	20.61	20.27	22.00
20	64QAM	50	0	19.63	19.78	19.47	21.00
20	64QAM	50	24	19.56	19.74	19.51	21.00
20	64QAM	50	50	19.54	19.72	19.42	21.00
20	64QAM	100	0	19.51	19.66	19.42	21.00
20	256QAM	1	0	17.68	17.93	17.64	19.00
20	256QAM	1	49	17.47	17.70	17.47	19.00
20	256QAM	1	99	17.59	17.81	17.58	19.00
20	256QAM	50	0	17.57	17.73	17.49	19.00
20	256QAM	50	24	17.51	17.76	17.48	19.00
20	256QAM	50	50	17.49	17.72	17.42	19.00
20	256QAM	100	0	17.67	17.78	17.52	19.00
Channel				132047	132322	132597	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	22.53	22.64	22.52	24.00
15	QPSK	1	37	22.41	22.70	22.30	24.00
15	QPSK	1	74	22.47	22.68	22.40	24.00
15	QPSK	36	0	21.45	21.73	21.37	23.00
15	QPSK	36	20	21.43	21.64	21.25	23.00
15	QPSK	36	39	21.47	21.64	21.31	23.00
15	QPSK	75	0	21.47	21.63	21.40	23.00
15	16QAM	1	0	21.65	21.97	21.64	23.00
15	16QAM	1	37	21.49	21.84	21.52	23.00
15	16QAM	1	74	21.66	21.84	21.53	23.00
15	16QAM	36	0	20.62	20.74	20.42	22.00
15	16QAM	36	20	20.52	20.68	20.44	22.00
15	16QAM	36	39	20.46	20.62	20.40	22.00
15	16QAM	75	0	20.49	20.71	20.50	22.00
15	64QAM	1	0	20.69	20.86	20.58	22.00
15	64QAM	1	37	20.47	20.74	20.39	22.00
15	64QAM	1	74	20.41	20.56	20.19	22.00
15	64QAM	36	0	19.56	19.68	19.34	21.00
15	64QAM	36	20	19.48	19.59	19.40	21.00
15	64QAM	36	39	19.43	19.67	19.41	21.00
15	64QAM	75	0	19.41	19.56	19.30	21.00
15	256QAM	1	0	17.56	17.92	17.56	19.00
15	256QAM	1	37	17.45	17.57	17.38	19.00
15	256QAM	1	74	17.56	17.67	17.55	19.00
15	256QAM	36	0	17.44	17.63	17.41	19.00
15	256QAM	36	20	17.39	17.62	17.47	19.00
15	256QAM	36	39	17.34	17.57	17.39	19.00
15	256QAM	75	0	17.52	17.71	17.43	19.00
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	22.56	22.73	22.53	24.00
10	QPSK	1	25	22.45	22.64	22.40	24.00
10	QPSK	1	49	22.53	22.75	22.32	24.00
10	QPSK	25	0	21.58	21.71	21.35	23.00
10	QPSK	25	12	21.41	21.66	21.32	23.00
10	QPSK	25	25	21.48	21.66	21.35	23.00
10	QPSK	50	0	21.47	21.65	21.41	23.00
10	16QAM	1	0	21.63	21.89	21.72	23.00
10	16QAM	1	25	21.51	21.85	21.48	23.00
10	16QAM	1	49	21.62	21.85	21.50	23.00
10	16QAM	25	0	20.57	20.72	20.42	22.00
10	16QAM	25	12	20.41	20.66	20.31	22.00
10	16QAM	25	25	20.50	20.73	20.41	22.00
10	16QAM	50	0	20.48	20.62	20.36	22.00
10	64QAM	1	0	20.66	20.86	20.62	22.00
10	64QAM	1	25	20.45	20.72	20.28	22.00
10	64QAM	1	49	20.37	20.59	20.16	22.00
10	64QAM	25	0	19.50	19.68	19.37	21.00
10	64QAM	25	12	19.50	19.70	19.38	21.00
10	64QAM	25	25	19.48	19.62	19.27	21.00
10	64QAM	50	0	19.37	19.54	19.28	21.00
10	256QAM	1	0	17.67	17.83	17.62	19.00
10	256QAM	1	25	17.35	17.60	17.41	19.00
10	256QAM	1	49	17.52	17.74	17.52	19.00
10	256QAM	25	0	17.45	17.59	17.40	19.00
10	256QAM	25	12	17.49	17.62	17.40	19.00
10	256QAM	25	25	17.34	17.63	17.33	19.00
10	256QAM	50	0	17.56	17.68	17.38	19.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	22.56	22.78	22.40	24.00

5	QPSK	1	12	22.44	22.63	22.29	24.00
5	QPSK	1	24	22.58	22.76	22.39	24.00
5	QPSK	12	0	21.56	21.74	21.42	23.00
5	QPSK	12	7	21.46	21.62	21.34	23.00
5	QPSK	12	13	21.49	21.66	21.39	23.00
5	QPSK	25	0	21.38	21.64	21.31	23.00
5	16QAM	1	0	21.65	21.97	21.63	23.00
5	16QAM	1	12	21.58	21.79	21.44	23.00
5	16QAM	1	24	21.69	21.85	21.62	23.00
5	16QAM	12	0	20.55	20.71	20.51	22.00
5	16QAM	12	7	20.46	20.66	20.44	22.00
5	16QAM	12	13	20.50	20.61	20.38	22.00
5	16QAM	25	0	20.49	20.72	20.47	22.00
5	64QAM	1	0	20.70	20.84	20.57	22.00
5	64QAM	1	12	20.46	20.62	20.36	22.00
5	64QAM	1	24	20.39	20.51	20.24	22.00
5	64QAM	12	0	19.54	19.69	19.32	21.00
5	64QAM	12	7	19.47	19.60	19.45	21.00
5	64QAM	12	13	19.50	19.63	19.40	21.00
5	64QAM	25	0	19.38	19.57	19.30	21.00
5	256QAM	1	0	17.58	17.81	17.49	19.00
5	256QAM	1	12	17.32	17.58	17.33	19.00
5	256QAM	1	24	17.57	17.75	17.54	19.00
5	256QAM	12	0	17.48	17.63	17.35	19.00
5	256QAM	12	7	17.48	17.69	17.40	19.00
5	256QAM	12	13	17.39	17.66	17.31	19.00
5	256QAM	25	0	17.65	17.68	17.40	19.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	22.57	22.74	22.42	24.00
3	QPSK	1	8	22.48	22.57	22.35	24.00
3	QPSK	1	14	22.52	22.75	22.36	24.00
3	QPSK	8	0	21.47	21.62	21.38	23.00
3	QPSK	8	4	21.54	21.58	21.37	23.00
3	QPSK	8	7	21.58	21.66	21.34	23.00
3	QPSK	15	0	21.49	21.59	21.31	23.00
3	16QAM	1	0	21.69	21.93	21.72	23.00
3	16QAM	1	8	21.56	21.85	21.48	23.00
3	16QAM	1	14	21.67	21.80	21.49	23.00
3	16QAM	8	0	20.55	20.71	20.45	22.00
3	16QAM	8	4	20.45	20.67	20.32	22.00
3	16QAM	8	7	20.48	20.64	20.42	22.00
3	16QAM	15	0	20.47	20.63	20.47	22.00
3	64QAM	1	0	20.65	20.84	20.63	22.00
3	64QAM	1	8	20.48	20.63	20.38	22.00
3	64QAM	1	14	20.45	20.54	20.15	22.00
3	64QAM	8	0	19.50	19.77	19.38	21.00
3	64QAM	8	4	19.47	19.60	19.41	21.00
3	64QAM	8	7	19.50	19.62	19.32	21.00
3	64QAM	15	0	19.48	19.61	19.35	21.00
3	256QAM	1	0	17.57	17.80	17.57	19.00
3	256QAM	1	8	17.38	17.65	17.37	19.00
3	256QAM	1	14	17.55	17.70	17.47	19.00
3	256QAM	8	0	17.44	17.70	17.45	19.00
3	256QAM	8	4	17.43	17.67	17.33	19.00
3	256QAM	8	7	17.41	17.59	17.37	19.00
3	256QAM	15	0	17.64	17.67	17.47	19.00
Channel				131979	132322	132665	Tune-up limit
Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	22.52	22.66	22.48	24.00
1.4	QPSK	1	3	22.51	22.70	22.34	24.00
1.4	QPSK	1	5	22.52	22.63	22.32	24.00
1.4	QPSK	3	0	22.47	22.63	22.39	24.00
1.4	QPSK	3	1	22.52	22.61	22.27	24.00
1.4	QPSK	3	3	22.50	22.67	22.30	24.00
1.4	QPSK	6	0	21.46	21.71	21.30	23.00
1.4	16QAM	1	0	21.70	21.91	21.66	23.00
1.4	16QAM	1	3	21.62	21.76	21.48	23.00
1.4	16QAM	1	5	21.64	21.74	21.61	23.00
1.4	16QAM	3	0	21.61	21.66	21.52	23.00
1.4	16QAM	3	1	21.41	21.62	21.33	23.00
1.4	16QAM	3	3	21.45	21.66	21.36	23.00
1.4	16QAM	6	0	20.41	20.68	20.48	22.00
1.4	64QAM	1	0	20.65	20.88	20.58	22.00
1.4	64QAM	1	3	20.43	20.75	20.29	22.00
1.4	64QAM	1	5	20.33	20.52	20.24	22.00
1.4	64QAM	3	0	20.51	20.77	20.42	22.00
1.4	64QAM	3	1	20.47	20.64	20.43	22.00

1.4	64QAM	3	3	20.53	20.63	20.36	22.00
1.4	64QAM	6	0	19.42	19.61	19.33	21.00
1.4	256QAM	1	0	17.64	17.88	17.52	19.00
1.4	256QAM	1	3	17.44	17.66	17.40	19.00
1.4	256QAM	1	5	17.48	17.67	17.54	19.00
1.4	256QAM	3	0	17.53	17.65	17.39	19.00
1.4	256QAM	3	1	17.39	17.68	17.33	19.00
1.4	256QAM	3	3	17.41	17.68	17.34	19.00
1.4	256QAM	6	0	17.63	17.71	17.50	19.00

【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	17.47	17.56	17.38	18.40
20	QPSK	1	49	17.28	17.38	17.33	18.40
20	QPSK	1	99	17.34	17.41	17.37	18.40
20	QPSK	50	0	17.36	17.39	17.36	18.40
20	QPSK	50	24	17.20	17.25	17.21	18.40
20	QPSK	50	50	17.15	17.34	17.12	18.40
20	QPSK	100	0	17.13	17.30	17.00	18.40
20	16QAM	1	0	17.13	17.26	17.22	18.40
20	16QAM	1	49	17.21	17.17	17.21	18.40
20	16QAM	1	99	17.14	17.14	17.25	18.40
20	16QAM	50	0	17.34	17.18	17.19	18.40
20	16QAM	50	24	17.26	17.20	17.38	18.40
20	16QAM	50	50	17.42	17.23	17.31	18.40
20	16QAM	100	0	17.29	17.43	17.38	18.40
20	64QAM	1	0	17.26	17.31	17.40	18.40
20	64QAM	1	49	17.20	17.19	17.41	18.40
20	64QAM	1	99	17.31	17.38	17.31	18.40
20	64QAM	50	0	17.26	17.37	17.23	18.40
20	64QAM	50	24	17.19	17.32	17.29	18.40
20	64QAM	50	50	17.23	17.31	17.48	18.40
20	64QAM	100	0	17.24	17.30	17.31	18.40
20	256QAM	1	0	17.26	17.43	17.25	18.40
20	256QAM	1	49	17.15	17.47	17.24	18.40
20	256QAM	1	99	17.37	17.33	17.35	18.40
20	256QAM	50	0	17.31	17.42	17.27	18.40
20	256QAM	50	24	17.13	17.38	17.40	18.40
20	256QAM	50	50	17.33	17.25	17.39	18.40
20	256QAM	100	0	17.25	17.32	17.36	18.40
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	17.34	17.52	17.30	18.40
15	QPSK	1	37	17.23	17.28	17.29	18.40
15	QPSK	1	74	17.23	17.26	17.36	18.40
15	QPSK	36	0	17.26	17.29	17.28	18.40
15	QPSK	36	20	17.14	17.16	17.14	18.40
15	QPSK	36	39	17.04	17.21	17.10	18.40
15	QPSK	75	0	17.18	17.22	17.29	18.40
15	16QAM	1	0	17.05	17.23	17.13	18.40
15	16QAM	1	37	17.17	17.04	17.14	18.40
15	16QAM	1	74	17.03	17.08	17.13	18.40
15	16QAM	36	0	17.30	17.15	17.15	18.40
15	16QAM	36	20	17.13	17.10	17.33	18.40
15	16QAM	36	39	17.29	17.12	17.26	18.40
15	16QAM	75	0	17.15	17.28	17.28	18.40
15	64QAM	1	0	17.13	17.22	17.28	18.40
15	64QAM	1	37	17.12	17.10	17.39	18.40
15	64QAM	1	74	17.27	17.36	17.29	18.40
15	64QAM	36	0	17.18	17.31	17.13	18.40
15	64QAM	36	20	17.07	17.23	17.27	18.40
15	64QAM	36	39	17.11	17.23	17.45	18.40
15	64QAM	75	0	17.11	17.16	17.23	18.40
15	256QAM	1	0	17.18	17.31	17.12	18.40
15	256QAM	1	37	17.03	17.42	17.14	18.40
15	256QAM	1	74	17.32	17.20	17.26	18.40
15	256QAM	36	0	17.19	17.41	17.23	18.40
15	256QAM	36	20	17.05	17.35	17.36	18.40
15	256QAM	36	39	17.31	17.12	17.35	18.40

15	256QAM	75	0	17.11	17.23	17.27	18.40
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	17.37	17.48	17.22	18.40
10	QPSK	1	25	17.24	17.30	17.22	18.40
10	QPSK	1	49	17.19	17.37	17.29	18.40
10	QPSK	25	0	17.25	17.31	17.22	18.40
10	QPSK	25	12	17.12	17.14	17.07	18.40
10	QPSK	25	25	17.13	17.28	17.26	18.40
10	QPSK	50	0	17.07	17.29	17.28	18.40
10	16QAM	1	0	17.08	17.17	17.14	18.40
10	16QAM	1	25	17.19	17.09	17.08	18.40
10	16QAM	1	49	17.02	17.13	17.12	18.40
10	16QAM	25	0	17.27	17.16	17.10	18.40
10	16QAM	25	12	17.15	17.13	17.29	18.40
10	16QAM	25	25	17.38	17.08	17.24	18.40
10	16QAM	50	0	17.20	17.28	17.31	18.40
10	64QAM	1	0	17.21	17.27	17.34	18.40
10	64QAM	1	25	17.15	17.10	17.34	18.40
10	64QAM	1	49	17.22	17.29	17.26	18.40
10	64QAM	25	0	17.12	17.28	17.10	18.40
10	64QAM	25	12	17.13	17.31	17.27	18.40
10	64QAM	25	25	17.08	17.29	17.38	18.40
10	64QAM	50	0	17.19	17.21	17.19	18.40
10	256QAM	1	0	17.24	17.39	17.15	18.40
10	256QAM	1	25	17.05	17.34	17.13	18.40
10	256QAM	1	49	17.26	17.22	17.26	18.40
10	256QAM	25	0	17.24	17.35	17.15	18.40
10	256QAM	25	12	17.08	17.26	17.25	18.40
10	256QAM	25	25	17.25	17.22	17.26	18.40
10	256QAM	50	0	17.13	17.29	17.26	18.40
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	17.43	17.51	17.35	18.40
5	QPSK	1	12	17.25	17.26	17.23	18.40
5	QPSK	1	24	17.21	17.30	17.24	18.40
5	QPSK	12	0	17.24	17.38	17.21	18.40
5	QPSK	12	7	17.12	17.19	17.20	18.40
5	QPSK	12	13	17.09	17.24	17.00	18.40
5	QPSK	25	0	17.03	17.21	17.50	18.40
5	16QAM	1	0	17.12	17.23	17.19	18.40
5	16QAM	1	12	17.11	17.10	17.14	18.40
5	16QAM	1	24	17.02	17.04	17.14	18.40
5	16QAM	12	0	17.24	17.09	17.11	18.40
5	16QAM	12	7	17.23	17.06	17.26	18.40
5	16QAM	12	13	17.41	17.17	17.26	18.40
5	16QAM	25	0	17.16	17.35	17.34	18.40
5	64QAM	1	0	17.25	17.17	17.35	18.40
5	64QAM	1	12	17.17	17.13	17.33	18.40
5	64QAM	1	24	17.26	17.33	17.29	18.40
5	64QAM	12	0	17.18	17.25	17.08	18.40
5	64QAM	12	7	17.08	17.20	17.17	18.40
5	64QAM	12	13	17.21	17.24	17.43	18.40
5	64QAM	25	0	17.15	17.28	17.27	18.40
5	256QAM	1	0	17.21	17.40	17.17	18.40
5	256QAM	1	12	17.11	17.35	17.14	18.40
5	256QAM	1	24	17.34	17.31	17.26	18.40
5	256QAM	12	0	17.19	17.30	17.25	18.40
5	256QAM	12	7	17.08	17.24	17.25	18.40
5	256QAM	12	13	17.29	17.20	17.27	18.40
5	256QAM	25	0	17.21	17.25	17.30	18.40
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	17.39	17.51	17.34	18.40
3	QPSK	1	8	17.19	17.27	17.23	18.40
3	QPSK	1	14	17.32	17.29	17.32	18.40
3	QPSK	8	0	17.31	17.26	17.26	18.40
3	QPSK	8	4	17.19	17.22	17.11	18.40
3	QPSK	8	7	17.02	17.25	17.01	18.40
3	QPSK	15	0	17.08	17.18	17.22	18.40
3	16QAM	1	0	17.00	17.25	17.13	18.40
3	16QAM	1	8	17.09	17.09	17.13	18.40
3	16QAM	1	14	17.09	17.00	17.13	18.40
3	16QAM	8	0	17.20	17.17	17.13	18.40
3	16QAM	8	4	17.25	17.19	17.30	18.40
3	16QAM	8	7	17.28	17.13	17.28	18.40
3	16QAM	15	0	17.18	17.29	17.27	18.40
3	64QAM	1	0	17.17	17.18	17.35	18.40

3	64QAM	1	8	17.12	17.05	17.38	18.40
3	64QAM	1	14	17.27	17.28	17.22	18.40
3	64QAM	8	0	17.21	17.35	17.08	18.40
3	64QAM	8	4	17.13	17.25	17.24	18.40
3	64QAM	8	7	17.09	17.18	17.37	18.40
3	64QAM	15	0	17.10	17.18	17.23	18.40
3	256QAM	1	0	17.14	17.32	17.24	18.40
3	256QAM	1	8	17.02	17.35	17.15	18.40
3	256QAM	1	14	17.30	17.25	17.20	18.40
3	256QAM	8	0	17.20	17.40	17.14	18.40
3	256QAM	8	4	17.03	17.36	17.39	18.40
3	256QAM	8	7	17.26	17.13	17.36	18.40
3	256QAM	15	0	17.22	17.28	17.27	18.40
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	17.41	17.52	17.34	18.40
1.4	QPSK	1	3	17.17	17.29	17.24	18.40
1.4	QPSK	1	5	17.33	17.32	17.29	18.40
1.4	QPSK	3	0	17.27	17.34	17.34	18.40
1.4	QPSK	3	1	17.15	17.12	17.10	18.40
1.4	QPSK	3	3	17.08	17.19	17.00	18.40
1.4	QPSK	6	0	17.05	17.15	17.29	18.40
1.4	16QAM	1	0	17.11	17.17	17.14	18.40
1.4	16QAM	1	3	17.18	17.02	17.10	18.40
1.4	16QAM	1	5	17.00	17.03	17.11	18.40
1.4	16QAM	3	0	17.30	17.08	17.18	18.40
1.4	16QAM	3	1	17.21	17.11	17.35	18.40
1.4	16QAM	3	3	17.30	17.21	17.20	18.40
1.4	16QAM	6	0	17.28	17.39	17.32	18.40
1.4	64QAM	1	0	17.20	17.17	17.29	18.40
1.4	64QAM	1	3	17.18	17.15	17.38	18.40
1.4	64QAM	1	5	17.19	17.37	17.29	18.40
1.4	64QAM	3	0	17.17	17.33	17.12	18.40
1.4	64QAM	3	1	17.15	17.25	17.19	18.40
1.4	64QAM	3	3	17.15	17.28	17.43	18.40
1.4	64QAM	6	0	17.12	17.16	17.17	18.40
1.4	256QAM	1	0	17.19	17.32	17.19	18.40
1.4	256QAM	1	3	17.08	17.38	17.20	18.40
1.4	256QAM	1	5	17.25	17.26	17.27	18.40
1.4	256QAM	3	0	17.26	17.40	17.13	18.40
1.4	256QAM	3	1	17.11	17.27	17.26	18.40
1.4	256QAM	3	3	17.26	17.10	17.25	18.40
1.4	256QAM	6	0	17.14	17.21	17.26	18.40

【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	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	16.98	17.04	16.98	18.00
20	QPSK	1	49	16.83	16.98	16.86	18.00
20	QPSK	1	99	16.90	16.83	16.85	18.00
20	QPSK	50	0	16.78	16.84	16.78	18.00
20	QPSK	50	24	16.67	16.72	16.71	18.00
20	QPSK	50	50	16.66	16.73	16.73	18.00
20	QPSK	100	0	16.56	16.77	16.56	18.00
20	16QAM	1	0	16.75	16.82	16.74	18.00
20	16QAM	1	49	16.68	16.63	16.76	18.00
20	16QAM	1	99	16.67	16.68	16.69	18.00
20	16QAM	50	0	16.87	16.77	16.70	18.00
20	16QAM	50	24	16.78	16.70	16.94	18.00
20	16QAM	50	50	16.79	16.79	16.89	18.00
20	16QAM	100	0	16.77	16.93	16.81	18.00
20	64QAM	1	0	16.73	16.76	16.87	18.00
20	64QAM	1	49	16.77	16.78	16.90	18.00
20	64QAM	1	99	16.85	16.87	16.88	18.00
20	64QAM	50	0	16.85	16.92	16.85	18.00
20	64QAM	50	24	16.72	16.84	16.72	18.00
20	64QAM	50	50	16.69	16.96	16.99	18.00
20	64QAM	100	0	16.85	16.90	16.80	18.00
20	256QAM	1	0	16.80	16.96	16.78	18.00
20	256QAM	1	49	16.73	17.00	16.73	18.00