

【LTE Band 5_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				20450	20525	20600	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	19.70	19.71	19.67	20.20
10	QPSK	1	25	19.45	19.56	19.45	20.20
10	QPSK	1	49	19.58	19.68	19.57	20.20
10	QPSK	25	0	19.65	19.69	19.53	20.20
10	QPSK	25	12	19.53	19.58	19.46	20.20
10	QPSK	25	25	19.54	19.68	19.57	20.20
10	QPSK	50	0	19.50	19.56	19.45	20.20
10	16QAM	1	0	19.52	19.59	19.50	20.20
10	16QAM	1	25	19.60	19.70	19.53	20.20
10	16QAM	1	49	19.52	19.66	19.54	20.20
10	16QAM	25	0	19.44	19.54	19.41	20.20
10	16QAM	25	12	19.48	19.62	19.48	20.20
10	16QAM	25	25	19.57	19.67	19.59	20.20
10	16QAM	50	0	19.39	19.54	19.39	20.20
10	64QAM	1	0	19.53	19.63	19.50	20.20
10	64QAM	1	25	19.64	19.70	19.52	20.20
10	64QAM	1	49	19.61	19.65	19.55	20.20
10	64QAM	25	0	19.43	19.49	19.41	20.20
10	64QAM	25	12	19.59	19.62	19.47	20.20
10	64QAM	25	25	19.59	19.66	19.51	20.20
10	64QAM	50	0	19.48	19.56	19.41	20.20
10	256QAM	1	0	19.53	19.62	19.53	20.20
10	256QAM	1	25	19.66	19.72	19.58	20.20
10	256QAM	1	49	19.38	19.50	19.44	20.20
10	256QAM	25	0	19.60	19.64	19.47	20.20
10	256QAM	25	12	19.63	19.72	19.56	20.20
10	256QAM	25	25	19.41	19.55	19.43	20.20
10	256QAM	50	0	19.60	19.64	19.53	20.20
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	19.66	19.59	19.63	20.20
5	QPSK	1	12	19.31	19.49	19.35	20.20
5	QPSK	1	24	19.50	19.57	19.44	20.20
5	QPSK	12	0	19.64	19.65	19.43	20.20
5	QPSK	12	7	19.44	19.45	19.34	20.20
5	QPSK	12	13	19.42	19.63	19.49	20.20
5	QPSK	25	0	19.42	19.41	19.37	20.20
5	16QAM	1	0	19.46	19.53	19.37	20.20
5	16QAM	1	12	19.59	19.68	19.49	20.20
5	16QAM	1	24	19.49	19.59	19.41	20.20
5	16QAM	12	0	19.37	19.41	19.29	20.20
5	16QAM	12	7	19.40	19.52	19.42	20.20
5	16QAM	12	13	19.53	19.61	19.51	20.20
5	16QAM	25	0	19.38	19.44	19.27	20.20
5	64QAM	1	0	19.39	19.48	19.42	20.20
5	64QAM	1	12	19.59	19.67	19.39	20.20
5	64QAM	1	24	19.50	19.62	19.52	20.20
5	64QAM	12	0	19.32	19.38	19.36	20.20
5	64QAM	12	7	19.53	19.54	19.38	20.20
5	64QAM	12	13	19.49	19.53	19.43	20.20
5	64QAM	25	0	19.38	19.50	19.39	20.20
5	256QAM	1	0	19.47	19.60	19.50	20.20
5	256QAM	1	12	19.60	19.65	19.45	20.20
5	256QAM	1	24	19.27	19.40	19.34	20.20
5	256QAM	12	0	19.53	19.58	19.32	20.20
5	256QAM	12	7	19.56	19.70	19.53	20.20
5	256QAM	12	13	19.36	19.53	19.33	20.20
5	256QAM	25	0	19.55	19.55	19.48	20.20
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	19.64	19.69	19.60	20.20
3	QPSK	1	8	19.38	19.41	19.33	20.20
3	QPSK	1	14	19.54	19.64	19.46	20.20
3	QPSK	8	0	19.52	19.61	19.39	20.20
3	QPSK	8	4	19.45	19.45	19.40	20.20
3	QPSK	8	7	19.42	19.63	19.50	20.20
3	QPSK	15	0	19.43	19.46	19.34	20.20
3	16QAM	1	0	19.47	19.58	19.41	20.20

3	16QAM	1	8	19.55	19.62	19.49	20.20
3	16QAM	1	14	19.40	19.51	19.44	20.20
3	16QAM	8	0	19.36	19.44	19.34	20.20
3	16QAM	8	4	19.36	19.48	19.46	20.20
3	16QAM	8	7	19.52	19.66	19.50	20.20
3	16QAM	15	0	19.34	19.44	19.36	20.20
3	64QAM	1	0	19.42	19.59	19.40	20.20
3	64QAM	1	8	19.58	19.64	19.49	20.20
3	64QAM	1	14	19.59	19.56	19.41	20.20
3	64QAM	8	0	19.41	19.35	19.40	20.20
3	64QAM	8	4	19.50	19.57	19.43	20.20
3	64QAM	8	7	19.54	19.60	19.38	20.20
3	64QAM	15	0	19.35	19.55	19.28	20.20
3	256QAM	1	0	19.48	19.51	19.45	20.20
3	256QAM	1	8	19.53	19.62	19.56	20.20
3	256QAM	1	14	19.27	19.43	19.39	20.20
3	256QAM	8	0	19.49	19.55	19.36	20.20
3	256QAM	8	4	19.51	19.70	19.53	20.20
3	256QAM	8	7	19.34	19.53	19.33	20.20
3	256QAM	15	0	19.47	19.58	19.52	20.20
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	19.57	19.61	19.53	20.20
1.4	QPSK	1	3	19.42	19.48	19.33	20.20
1.4	QPSK	1	5	19.49	19.62	19.55	20.20
1.4	QPSK	3	0	19.58	19.61	19.43	20.20
1.4	QPSK	3	1	19.47	19.46	19.38	20.20
1.4	QPSK	3	3	19.43	19.62	19.52	20.20
1.4	QPSK	6	0	19.43	19.44	19.41	20.20
1.4	16QAM	1	0	19.38	19.51	19.47	20.20
1.4	16QAM	1	3	19.59	19.56	19.40	20.20
1.4	16QAM	1	5	19.39	19.63	19.44	20.20
1.4	16QAM	3	0	19.37	19.49	19.35	20.20
1.4	16QAM	3	1	19.38	19.61	19.38	20.20
1.4	16QAM	3	3	19.50	19.57	19.49	20.20
1.4	16QAM	6	0	19.35	19.48	19.35	20.20
1.4	64QAM	1	0	19.43	19.59	19.48	20.20
1.4	64QAM	1	3	19.57	19.62	19.50	20.20
1.4	64QAM	1	5	19.51	19.61	19.50	20.20
1.4	64QAM	3	0	19.42	19.46	19.37	20.20
1.4	64QAM	3	1	19.48	19.59	19.39	20.20
1.4	64QAM	3	3	19.56	19.56	19.47	20.20
1.4	64QAM	6	0	19.38	19.50	19.35	20.20
1.4	256QAM	1	0	19.51	19.53	19.48	20.20
1.4	256QAM	1	3	19.60	19.70	19.55	20.20
1.4	256QAM	1	5	19.35	19.42	19.35	20.20
1.4	256QAM	3	0	19.49	19.55	19.40	20.20
1.4	256QAM	3	1	19.58	19.66	19.51	20.20
1.4	256QAM	3	3	19.40	19.51	19.41	20.20
1.4	256QAM	6	0	19.58	19.59	19.50	20.20

【LTE Band 5_Ant 1_DSI3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	20.05	20.09	20.03	20.70
10	QPSK	1	25	19.77	19.96	19.85	20.70
10	QPSK	1	49	19.83	19.95	19.77	20.70
10	QPSK	25	0	19.93	20.01	19.88	20.70
10	QPSK	25	12	19.76	19.91	19.77	20.70
10	QPSK	25	25	19.86	19.95	19.86	20.70
10	QPSK	50	0	19.97	20.06	19.94	20.70
10	16QAM	1	0	19.72	19.81	19.70	20.70
10	16QAM	1	25	19.74	19.89	19.81	20.70
10	16QAM	1	49	19.84	19.97	19.88	20.70
10	16QAM	25	0	20.12	20.19	20.04	20.70
10	16QAM	25	12	19.98	20.10	19.95	20.70
10	16QAM	25	25	19.89	20.06	19.87	20.70

10	16QAM	50	0	19.72	19.80	19.65	20.70
10	64QAM	1	0	20.02	20.11	19.98	20.70
10	64QAM	1	25	20.00	20.10	19.91	20.70
10	64QAM	1	49	19.78	19.95	19.79	20.70
10	64QAM	25	0	19.93	20.00	19.86	20.70
10	64QAM	25	12	19.90	20.03	19.83	20.70
10	64QAM	25	25	19.68	19.87	19.77	20.70
10	64QAM	50	0	19.80	19.89	19.77	20.70
10	256QAM	1	0	19.86	19.96	19.78	20.70
10	256QAM	1	25	19.87	20.02	19.93	20.70
10	256QAM	1	49	19.73	19.88	19.71	20.70
10	256QAM	25	0	19.87	20.03	19.87	20.70
10	256QAM	25	12	19.96	20.10	19.90	20.70
10	256QAM	25	25	19.72	19.78	19.64	20.70
10	256QAM	50	0	19.91	20.09	19.92	20.70
Channel				20425	20525	20625	Tune-up limit
Frequency (MHz)				826.5	836.5	846.5	(dBm)
5	QPSK	1	0	19.97	20.08	19.88	20.70
5	QPSK	1	12	19.73	19.84	19.72	20.70
5	QPSK	1	24	19.74	19.87	19.64	20.70
5	QPSK	12	0	19.79	19.88	19.76	20.70
5	QPSK	12	7	19.71	19.82	19.67	20.70
5	QPSK	12	13	19.76	19.86	19.73	20.70
5	QPSK	25	0	19.90	19.98	19.86	20.70
5	16QAM	1	0	19.61	19.77	19.65	20.70
5	16QAM	1	12	19.63	19.81	19.72	20.70
5	16QAM	1	24	19.80	19.89	19.76	20.70
5	16QAM	12	0	19.98	20.11	20.01	20.70
5	16QAM	12	7	19.92	20.01	19.91	20.70
5	16QAM	12	13	19.83	20.02	19.84	20.70
5	16QAM	25	0	19.67	19.75	19.59	20.70
5	64QAM	1	0	19.96	20.01	19.96	20.70
5	64QAM	1	12	19.88	19.97	19.80	20.70
5	64QAM	1	24	19.69	19.92	19.76	20.70
5	64QAM	12	0	19.83	19.92	19.77	20.70
5	64QAM	12	7	19.78	19.99	19.68	20.70
5	64QAM	12	13	19.65	19.76	19.62	20.70
5	64QAM	25	0	19.69	19.77	19.65	20.70
5	256QAM	1	0	19.83	19.82	19.73	20.70
5	256QAM	1	12	19.80	19.93	19.83	20.70
5	256QAM	1	24	19.62	19.82	19.58	20.70
5	256QAM	12	0	19.78	19.96	19.82	20.70
5	256QAM	12	7	19.90	19.95	19.86	20.70
5	256QAM	12	13	19.60	19.74	19.54	20.70
5	256QAM	25	0	19.81	20.02	19.83	20.70
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	20.04	20.03	19.90	20.70
3	QPSK	1	8	19.76	19.89	19.71	20.70
3	QPSK	1	14	19.72	19.89	19.68	20.70
3	QPSK	8	0	19.86	19.92	19.78	20.70
3	QPSK	8	4	19.61	19.85	19.68	20.70
3	QPSK	8	7	19.81	19.87	19.76	20.70
3	QPSK	15	0	19.85	20.01	19.83	20.70
3	16QAM	1	0	19.67	19.76	19.65	20.70
3	16QAM	1	8	19.62	19.85	19.74	20.70
3	16QAM	1	14	19.73	19.93	19.78	20.70
3	16QAM	8	0	19.97	20.05	19.92	20.70
3	16QAM	8	4	19.95	20.05	19.86	20.70
3	16QAM	8	7	19.75	19.96	19.78	20.70
3	16QAM	15	0	19.64	19.68	19.56	20.70
3	64QAM	1	0	20.01	20.02	19.95	20.70
3	64QAM	1	8	19.90	19.99	19.88	20.70
3	64QAM	1	14	19.69	19.91	19.67	20.70
3	64QAM	8	0	19.90	19.90	19.83	20.70
3	64QAM	8	4	19.84	19.96	19.70	20.70
3	64QAM	8	7	19.58	19.74	19.62	20.70
3	64QAM	15	0	19.73	19.77	19.75	20.70
3	256QAM	1	0	19.79	19.93	19.65	20.70
3	256QAM	1	8	19.80	19.88	19.85	20.70
3	256QAM	1	14	19.65	19.84	19.67	20.70
3	256QAM	8	0	19.84	20.00	19.75	20.70
3	256QAM	8	4	19.85	20.06	19.79	20.70
3	256QAM	8	7	19.58	19.66	19.53	20.70

3	256QAM	15	0	19.78	20.04	19.82	20.70
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	19.90	20.07	19.89	20.70
1.4	QPSK	1	3	19.75	19.88	19.77	20.70
1.4	QPSK	1	5	19.80	19.84	19.67	20.70
1.4	QPSK	3	0	19.86	20.00	19.84	20.70
1.4	QPSK	3	1	19.72	19.90	19.74	20.70
1.4	QPSK	3	3	19.83	19.83	19.83	20.70
1.4	QPSK	6	0	19.92	19.92	19.85	20.70
1.4	16QAM	1	0	19.64	19.71	19.61	20.70
1.4	16QAM	1	3	19.70	19.84	19.76	20.70
1.4	16QAM	1	5	19.71	19.86	19.87	20.70
1.4	16QAM	3	0	19.98	20.17	19.95	20.70
1.4	16QAM	3	1	19.91	20.06	19.82	20.70
1.4	16QAM	3	3	19.77	19.99	19.73	20.70
1.4	16QAM	6	0	19.60	19.73	19.58	20.70
1.4	64QAM	1	0	20.01	20.00	19.96	20.70
1.4	64QAM	1	3	19.91	19.97	19.85	20.70
1.4	64QAM	1	5	19.77	19.86	19.73	20.70
1.4	64QAM	3	0	19.83	19.97	19.84	20.70
1.4	64QAM	3	1	19.82	20.00	19.74	20.70
1.4	64QAM	3	3	19.66	19.84	19.75	20.70
1.4	64QAM	6	0	19.67	19.86	19.76	20.70
1.4	256QAM	1	0	19.71	19.90	19.65	20.70
1.4	256QAM	1	3	19.86	19.94	19.83	20.70
1.4	256QAM	1	5	19.65	19.86	19.66	20.70
1.4	256QAM	3	0	19.85	19.98	19.85	20.70
1.4	256QAM	3	1	19.84	20.08	19.76	20.70
1.4	256QAM	3	3	19.57	19.67	19.59	20.70
1.4	256QAM	6	0	19.79	19.99	19.83	20.70

【LTE Band 5_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				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	24.98	25.10	24.94	25.70
10	QPSK	1	25	24.85	25.04	24.77	25.70
10	QPSK	1	49	24.85	25.08	24.79	25.70
10	QPSK	25	0	24.09	24.25	23.97	24.70
10	QPSK	25	12	24.02	24.23	23.97	24.70
10	QPSK	25	25	24.03	24.24	24.07	24.70
10	QPSK	50	0	23.98	24.23	24.03	24.70
10	16QAM	1	0	24.16	24.30	24.10	24.70
10	16QAM	1	25	24.38	24.58	24.34	24.70
10	16QAM	1	49	24.35	24.55	24.28	24.70
10	16QAM	25	0	22.96	23.20	23.04	23.70
10	16QAM	25	12	23.12	23.30	23.06	23.70
10	16QAM	25	25	23.18	23.32	23.07	23.70
10	16QAM	50	0	22.98	23.20	22.98	23.70
10	64QAM	1	0	23.10	23.25	23.01	23.70
10	64QAM	1	25	23.25	23.40	23.22	23.70
10	64QAM	1	49	23.11	23.25	23.02	23.70
10	64QAM	25	0	21.95	22.18	21.96	22.70
10	64QAM	25	12	22.07	22.23	21.98	22.70
10	64QAM	25	25	22.07	22.27	22.06	22.70
10	64QAM	50	0	22.03	22.27	21.99	22.70
10	256QAM	1	0	20.29	20.46	20.27	20.70
10	256QAM	1	25	20.06	20.29	20.11	20.70
10	256QAM	1	49	20.12	20.33	20.09	20.70
10	256QAM	25	0	19.91	20.15	19.91	20.70
10	256QAM	25	12	19.99	20.23	19.96	20.70
10	256QAM	25	25	20.12	20.28	20.01	20.70
10	256QAM	50	0	20.09	20.23	20.04	20.70
Channel				20425	20525	20625	
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	24.87	25.06	24.92	25.70
5	QPSK	1	12	24.78	24.93	24.64	25.70

5	QPSK	1	24	24.78	25.01	24.67	25.70
5	QPSK	12	0	23.97	24.11	23.86	24.70
5	QPSK	12	7	23.98	24.24	23.96	24.70
5	QPSK	12	13	23.92	24.23	24.00	24.70
5	QPSK	25	0	23.89	24.10	23.94	24.70
5	16QAM	1	0	24.15	24.16	24.06	24.70
5	16QAM	1	12	24.26	24.53	24.22	24.70
5	16QAM	1	24	24.21	24.49	24.16	24.70
5	16QAM	12	0	22.85	23.18	22.91	23.70
5	16QAM	12	7	23.02	23.29	22.98	23.70
5	16QAM	12	13	23.13	23.24	22.96	23.70
5	16QAM	25	0	22.92	23.07	22.89	23.70
5	64QAM	1	0	23.06	23.10	22.95	23.70
5	64QAM	1	12	23.20	23.26	23.12	23.70
5	64QAM	1	24	23.03	23.19	22.88	23.70
5	64QAM	12	0	21.93	22.05	21.81	22.70
5	64QAM	12	7	21.97	22.10	21.89	22.70
5	64QAM	12	13	21.97	22.23	21.98	22.70
5	64QAM	25	0	21.89	22.24	21.86	22.70
5	256QAM	1	0	20.26	20.35	20.25	20.70
5	256QAM	1	12	20.02	20.22	20.00	20.70
5	256QAM	1	24	20.05	20.25	19.95	20.70
5	256QAM	12	0	19.80	20.06	19.87	20.70
5	256QAM	12	7	19.90	20.10	19.84	20.70
5	256QAM	12	13	20.07	20.14	19.98	20.70
5	256QAM	25	0	20.05	20.18	19.92	20.70
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	24.88	25.06	24.81	25.70
3	QPSK	1	8	24.79	25.00	24.69	25.70
3	QPSK	1	14	24.78	24.99	24.66	25.70
3	QPSK	8	0	24.03	24.20	23.82	24.70
3	QPSK	8	4	23.98	24.20	23.91	24.70
3	QPSK	8	7	23.90	24.17	24.02	24.70
3	QPSK	15	0	23.89	24.17	23.99	24.70
3	16QAM	1	0	24.02	24.20	23.96	24.70
3	16QAM	1	8	24.32	24.47	24.28	24.70
3	16QAM	1	14	24.29	24.52	24.26	24.70
3	16QAM	8	0	22.89	23.09	22.96	23.70
3	16QAM	8	4	22.98	23.24	22.97	23.70
3	16QAM	8	7	23.13	23.27	23.04	23.70
3	16QAM	15	0	22.89	23.13	22.92	23.70
3	64QAM	1	0	23.05	23.21	22.98	23.70
3	64QAM	1	8	23.22	23.29	23.20	23.70
3	64QAM	1	14	23.10	23.15	22.99	23.70
3	64QAM	8	0	21.84	22.12	21.88	22.70
3	64QAM	8	4	22.02	22.20	21.86	22.70
3	64QAM	8	7	22.01	22.18	21.95	22.70
3	64QAM	15	0	21.88	22.23	21.96	22.70
3	256QAM	1	0	20.24	20.34	20.23	20.70
3	256QAM	1	8	19.96	20.24	20.08	20.70
3	256QAM	1	14	20.07	20.29	19.98	20.70
3	256QAM	8	0	19.89	20.00	19.81	20.70
3	256QAM	8	4	19.89	20.08	19.84	20.70
3	256QAM	8	7	19.98	20.15	19.94	20.70
3	256QAM	15	0	20.08	20.16	20.00	20.70
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	24.85	25.01	24.80	25.70
1.4	QPSK	1	3	24.76	25.03	24.73	25.70
1.4	QPSK	1	5	24.71	25.00	24.74	25.70
1.4	QPSK	3	0	25.03	25.16	24.91	25.70
1.4	QPSK	3	1	24.88	25.19	24.87	25.70
1.4	QPSK	3	3	24.91	25.17	25.05	25.70
1.4	QPSK	6	0	23.84	24.10	23.96	24.70
1.4	16QAM	1	0	24.05	24.25	23.98	24.70
1.4	16QAM	1	3	24.27	24.44	24.27	24.70
1.4	16QAM	1	5	24.24	24.53	24.22	24.70
1.4	16QAM	3	0	23.85	24.18	23.94	24.70
1.4	16QAM	3	1	24.01	24.23	23.98	24.70
1.4	16QAM	3	3	24.14	24.22	24.01	24.70
1.4	16QAM	6	0	22.86	23.16	22.93	23.70
1.4	64QAM	1	0	22.96	23.23	23.00	23.70
1.4	64QAM	1	3	23.22	23.37	23.15	23.70

1.4	64QAM	1	5	22.99	23.17	22.89	23.70
1.4	64QAM	3	0	22.93	23.11	22.91	23.70
1.4	64QAM	3	1	23.02	23.18	22.86	23.70
1.4	64QAM	3	3	23.00	23.26	23.04	23.70
1.4	64QAM	6	0	21.94	22.21	21.90	22.70
1.4	256QAM	1	0	20.18	20.33	20.25	20.70
1.4	256QAM	1	3	19.96	20.21	19.97	20.70
1.4	256QAM	1	5	20.09	20.22	19.99	20.70
1.4	256QAM	3	0	19.84	20.05	19.81	20.70
1.4	256QAM	3	1	19.93	20.16	19.88	20.70
1.4	256QAM	3	3	20.03	20.23	19.89	20.70
1.4	256QAM	6	0	19.97	20.08	19.95	20.70

【LTE Band 5_Ant 1_DSI4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	25.33	25.37	25.30	25.70
10	QPSK	1	25	25.10	25.27	25.10	25.70
10	QPSK	1	49	25.08	25.22	25.03	25.70
10	QPSK	25	0	24.35	24.45	24.32	24.70
10	QPSK	25	12	24.24	24.36	24.24	24.70
10	QPSK	25	25	24.21	24.30	24.22	24.70
10	QPSK	50	0	24.32	24.40	24.19	24.70
10	16QAM	1	0	24.32	24.47	24.26	24.70
10	16QAM	1	25	24.29	24.41	24.29	24.70
10	16QAM	1	49	23.99	24.17	23.98	24.70
10	16QAM	25	0	23.44	23.53	23.37	23.70
10	16QAM	25	12	23.12	23.26	23.12	23.70
10	16QAM	25	25	23.24	23.33	23.22	23.70
10	16QAM	50	0	23.22	23.33	23.24	23.70
10	64QAM	1	0	23.28	23.33	23.20	23.70
10	64QAM	1	25	23.15	23.34	23.19	23.70
10	64QAM	1	49	23.16	23.32	23.15	23.70
10	64QAM	25	0	22.42	22.48	22.28	22.70
10	64QAM	25	12	22.29	22.42	22.28	22.70
10	64QAM	25	25	22.07	22.19	22.09	22.70
10	64QAM	50	0	22.38	22.45	22.35	22.70
10	256QAM	1	0	20.35	20.40	20.31	20.70
10	256QAM	1	25	20.23	20.37	20.28	20.70
10	256QAM	1	49	20.18	20.29	20.16	20.70
10	256QAM	25	0	20.14	20.25	20.16	20.70
10	256QAM	25	12	20.27	20.37	20.20	20.70
10	256QAM	25	25	20.41	20.46	20.31	20.70
10	256QAM	50	0	20.29	20.39	20.23	20.70
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	25.28	25.24	25.17	25.70
5	QPSK	1	12	24.96	25.16	24.96	25.70
5	QPSK	1	24	25.02	25.13	24.91	25.70
5	QPSK	12	0	24.24	24.39	24.28	24.70
5	QPSK	12	7	24.20	24.34	24.10	24.70
5	QPSK	12	13	24.15	24.24	24.12	24.70
5	QPSK	25	0	24.20	24.37	24.14	24.70
5	16QAM	1	0	24.21	24.36	24.23	24.70
5	16QAM	1	12	24.22	24.26	24.18	24.70
5	16QAM	1	24	23.92	24.12	23.86	24.70
5	16QAM	12	0	23.37	23.47	23.35	23.70
5	16QAM	12	7	23.05	23.19	23.02	23.70
5	16QAM	12	13	23.17	23.27	23.08	23.70
5	16QAM	25	0	23.19	23.25	23.17	23.70
5	64QAM	1	0	23.17	23.32	23.06	23.70
5	64QAM	1	12	23.08	23.22	23.09	23.70
5	64QAM	1	24	23.06	23.23	23.03	23.70
5	64QAM	12	0	22.30	22.45	22.21	22.70
5	64QAM	12	7	22.24	22.34	22.23	22.70
5	64QAM	12	13	22.01	22.06	21.98	22.70
5	64QAM	25	0	22.28	22.32	22.33	22.70

5	256QAM	1	0	20.23	20.35	20.27	20.70
5	256QAM	1	12	20.13	20.36	20.25	20.70
5	256QAM	1	24	20.13	20.14	20.05	20.70
5	256QAM	12	0	20.12	20.17	20.06	20.70
5	256QAM	12	7	20.16	20.32	20.13	20.70
5	256QAM	12	13	20.27	20.36	20.28	20.70
5	256QAM	25	0	20.20	20.26	20.18	20.70
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	25.24	25.30	25.23	25.70
3	QPSK	1	8	24.99	25.14	24.96	25.70
3	QPSK	1	14	24.95	25.20	25.00	25.70
3	QPSK	8	0	24.29	24.41	24.21	24.70
3	QPSK	8	4	24.15	24.33	24.20	24.70
3	QPSK	8	7	24.18	24.22	24.08	24.70
3	QPSK	15	0	24.28	24.33	24.18	24.70
3	16QAM	1	0	24.20	24.37	24.21	24.70
3	16QAM	1	8	24.23	24.28	24.18	24.70
3	16QAM	1	14	23.90	24.12	23.93	24.70
3	16QAM	8	0	23.33	23.39	23.25	23.70
3	16QAM	8	4	23.03	23.12	23.03	23.70
3	16QAM	8	7	23.21	23.26	23.14	23.70
3	16QAM	15	0	23.20	23.28	23.15	23.70
3	64QAM	1	0	23.16	23.28	23.13	23.70
3	64QAM	1	8	23.07	23.27	23.14	23.70
3	64QAM	1	14	23.09	23.28	23.01	23.70
3	64QAM	8	0	22.35	22.44	22.16	22.70
3	64QAM	8	4	22.22	22.29	22.19	22.70
3	64QAM	8	7	22.03	22.11	21.96	22.70
3	64QAM	15	0	22.35	22.41	22.29	22.70
3	256QAM	1	0	20.24	20.27	20.29	20.70
3	256QAM	1	8	20.17	20.33	20.18	20.70
3	256QAM	1	14	20.08	20.23	20.02	20.70
3	256QAM	8	0	20.11	20.12	20.03	20.70
3	256QAM	8	4	20.18	20.26	20.16	20.70
3	256QAM	8	7	20.33	20.37	20.22	20.70
3	256QAM	15	0	20.18	20.31	20.08	20.70
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	25.31	25.33	25.27	25.70
1.4	QPSK	1	3	25.04	25.22	25.03	25.70
1.4	QPSK	1	5	25.01	25.12	24.93	25.70
1.4	QPSK	3	0	25.31	25.34	25.21	25.70
1.4	QPSK	3	1	25.13	25.30	25.15	25.70
1.4	QPSK	3	3	25.13	25.15	25.11	25.70
1.4	QPSK	6	0	24.27	24.27	24.10	24.70
1.4	16QAM	1	0	24.24	24.44	24.17	24.70
1.4	16QAM	1	3	24.15	24.29	24.24	24.70
1.4	16QAM	1	5	23.94	24.14	23.97	24.70
1.4	16QAM	3	0	24.38	24.51	24.31	24.70
1.4	16QAM	3	1	23.97	24.13	24.09	24.70
1.4	16QAM	3	3	24.16	24.31	24.11	24.70
1.4	16QAM	6	0	23.14	23.31	23.09	23.70
1.4	64QAM	1	0	23.18	23.30	23.16	23.70
1.4	64QAM	1	3	23.13	23.26	23.14	23.70
1.4	64QAM	1	5	23.06	23.18	23.11	23.70
1.4	64QAM	3	0	23.38	23.37	23.27	23.70
1.4	64QAM	3	1	23.21	23.40	23.23	23.70
1.4	64QAM	3	3	23.03	23.18	23.06	23.70
1.4	64QAM	6	0	22.30	22.38	22.21	22.70
1.4	256QAM	1	0	20.24	20.32	20.26	20.70
1.4	256QAM	1	3	20.21	20.25	20.18	20.70
1.4	256QAM	1	5	20.04	20.24	20.01	20.70
1.4	256QAM	3	0	20.09	20.16	20.04	20.70
1.4	256QAM	3	1	20.21	20.33	20.11	20.70
1.4	256QAM	3	3	20.34	20.41	20.28	20.70
1.4	256QAM	6	0	20.17	20.25	20.22	20.70

【LTE Band 5_Ant 1_DSI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	19.70	19.71	19.67	20.20
10	QPSK	1	25	19.45	19.56	19.45	20.20
10	QPSK	1	49	19.58	19.68	19.57	20.20
10	QPSK	25	0	19.65	19.69	19.53	20.20
10	QPSK	25	12	19.53	19.58	19.46	20.20
10	QPSK	25	25	19.54	19.68	19.57	20.20
10	QPSK	50	0	19.50	19.56	19.45	20.20
10	16QAM	1	0	19.52	19.59	19.50	20.20
10	16QAM	1	25	19.60	19.70	19.53	20.20
10	16QAM	1	49	19.52	19.66	19.54	20.20
10	16QAM	25	0	19.44	19.54	19.41	20.20
10	16QAM	25	12	19.48	19.62	19.48	20.20
10	16QAM	25	25	19.57	19.67	19.59	20.20
10	16QAM	50	0	19.39	19.54	19.39	20.20
10	64QAM	1	0	19.53	19.63	19.50	20.20
10	64QAM	1	25	19.64	19.70	19.52	20.20
10	64QAM	1	49	19.61	19.65	19.55	20.20
10	64QAM	25	0	19.43	19.49	19.41	20.20
10	64QAM	25	12	19.59	19.62	19.47	20.20
10	64QAM	25	25	19.59	19.66	19.51	20.20
10	64QAM	50	0	19.48	19.56	19.41	20.20
10	256QAM	1	0	19.53	19.62	19.53	20.20
10	256QAM	1	25	19.66	19.72	19.58	20.20
10	256QAM	1	49	19.38	19.50	19.44	20.20
10	256QAM	25	0	19.60	19.64	19.47	20.20
10	256QAM	25	12	19.63	19.72	19.56	20.20
10	256QAM	25	25	19.41	19.55	19.43	20.20
10	256QAM	50	0	19.60	19.64	19.53	20.20
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	19.66	19.59	19.63	20.20
5	QPSK	1	12	19.31	19.49	19.35	20.20
5	QPSK	1	24	19.50	19.57	19.44	20.20
5	QPSK	12	0	19.64	19.65	19.43	20.20
5	QPSK	12	7	19.44	19.45	19.34	20.20
5	QPSK	12	13	19.42	19.63	19.49	20.20
5	QPSK	25	0	19.42	19.41	19.37	20.20
5	16QAM	1	0	19.46	19.53	19.37	20.20
5	16QAM	1	12	19.59	19.68	19.49	20.20
5	16QAM	1	24	19.49	19.59	19.41	20.20
5	16QAM	12	0	19.37	19.41	19.29	20.20
5	16QAM	12	7	19.40	19.52	19.42	20.20
5	16QAM	12	13	19.53	19.61	19.51	20.20
5	16QAM	25	0	19.38	19.44	19.27	20.20
5	64QAM	1	0	19.39	19.48	19.42	20.20
5	64QAM	1	12	19.59	19.67	19.39	20.20
5	64QAM	1	24	19.50	19.62	19.52	20.20
5	64QAM	12	0	19.32	19.38	19.36	20.20
5	64QAM	12	7	19.53	19.54	19.38	20.20
5	64QAM	12	13	19.49	19.53	19.43	20.20
5	64QAM	25	0	19.38	19.50	19.39	20.20
5	256QAM	1	0	19.47	19.60	19.50	20.20
5	256QAM	1	12	19.60	19.65	19.45	20.20
5	256QAM	1	24	19.27	19.40	19.34	20.20
5	256QAM	12	0	19.53	19.58	19.32	20.20
5	256QAM	12	7	19.56	19.70	19.53	20.20
5	256QAM	12	13	19.36	19.53	19.33	20.20
5	256QAM	25	0	19.55	19.55	19.48	20.20
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	19.64	19.69	19.60	20.20
3	QPSK	1	8	19.38	19.41	19.33	20.20
3	QPSK	1	14	19.54	19.64	19.46	20.20
3	QPSK	8	0	19.52	19.61	19.39	20.20
3	QPSK	8	4	19.45	19.45	19.40	20.20

3	QPSK	8	7	19.42	19.63	19.50	20.20
3	QPSK	15	0	19.43	19.46	19.34	20.20
3	16QAM	1	0	19.47	19.58	19.41	20.20
3	16QAM	1	8	19.55	19.62	19.49	20.20
3	16QAM	1	14	19.40	19.51	19.44	20.20
3	16QAM	8	0	19.36	19.44	19.34	20.20
3	16QAM	8	4	19.36	19.48	19.46	20.20
3	16QAM	8	7	19.52	19.66	19.50	20.20
3	16QAM	15	0	19.34	19.44	19.36	20.20
3	64QAM	1	0	19.42	19.59	19.40	20.20
3	64QAM	1	8	19.58	19.64	19.49	20.20
3	64QAM	1	14	19.59	19.56	19.41	20.20
3	64QAM	8	0	19.41	19.35	19.40	20.20
3	64QAM	8	4	19.50	19.57	19.43	20.20
3	64QAM	8	7	19.54	19.60	19.38	20.20
3	64QAM	15	0	19.35	19.55	19.28	20.20
3	256QAM	1	0	19.48	19.51	19.45	20.20
3	256QAM	1	8	19.53	19.62	19.56	20.20
3	256QAM	1	14	19.27	19.43	19.39	20.20
3	256QAM	8	0	19.49	19.55	19.36	20.20
3	256QAM	8	4	19.51	19.70	19.53	20.20
3	256QAM	8	7	19.34	19.53	19.33	20.20
3	256QAM	15	0	19.47	19.58	19.52	20.20
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	19.57	19.61	19.53	20.20
1.4	QPSK	1	3	19.42	19.48	19.33	20.20
1.4	QPSK	1	5	19.49	19.62	19.55	20.20
1.4	QPSK	3	0	19.58	19.61	19.43	20.20
1.4	QPSK	3	1	19.47	19.46	19.38	20.20
1.4	QPSK	3	3	19.43	19.62	19.52	20.20
1.4	QPSK	6	0	19.43	19.44	19.41	20.20
1.4	16QAM	1	0	19.38	19.51	19.47	20.20
1.4	16QAM	1	3	19.59	19.56	19.40	20.20
1.4	16QAM	1	5	19.39	19.63	19.44	20.20
1.4	16QAM	3	0	19.37	19.49	19.35	20.20
1.4	16QAM	3	1	19.38	19.61	19.38	20.20
1.4	16QAM	3	3	19.50	19.57	19.49	20.20
1.4	16QAM	6	0	19.35	19.48	19.35	20.20
1.4	64QAM	1	0	19.43	19.59	19.48	20.20
1.4	64QAM	1	3	19.57	19.62	19.50	20.20
1.4	64QAM	1	5	19.51	19.61	19.50	20.20
1.4	64QAM	3	0	19.42	19.46	19.37	20.20
1.4	64QAM	3	1	19.48	19.59	19.39	20.20
1.4	64QAM	3	3	19.56	19.56	19.47	20.20
1.4	64QAM	6	0	19.38	19.50	19.35	20.20
1.4	256QAM	1	0	19.51	19.53	19.48	20.20
1.4	256QAM	1	3	19.60	19.70	19.55	20.20
1.4	256QAM	1	5	19.35	19.42	19.35	20.20
1.4	256QAM	3	0	19.49	19.55	19.40	20.20
1.4	256QAM	3	1	19.58	19.66	19.51	20.20
1.4	256QAM	3	3	19.40	19.51	19.41	20.20
1.4	256QAM	6	0	19.58	19.59	19.50	20.20

【LTE Band 5_Ant 1_DSI5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	20.05	20.09	20.03	20.70
10	QPSK	1	25	19.77	19.96	19.85	20.70
10	QPSK	1	49	19.83	19.95	19.77	20.70
10	QPSK	25	0	19.93	20.01	19.88	20.70
10	QPSK	25	12	19.76	19.91	19.77	20.70
10	QPSK	25	25	19.86	19.95	19.86	20.70
10	QPSK	50	0	19.97	20.06	19.94	20.70
10	16QAM	1	0	19.72	19.81	19.70	20.70
10	16QAM	1	25	19.74	19.89	19.81	20.70
10	16QAM	1	49	19.84	19.97	19.88	20.70

10	16QAM	25	0	20.12	20.19	20.04	20.70
10	16QAM	25	12	19.98	20.10	19.95	20.70
10	16QAM	25	25	19.89	20.06	19.87	20.70
10	16QAM	50	0	19.72	19.80	19.65	20.70
10	64QAM	1	0	20.02	20.11	19.98	20.70
10	64QAM	1	25	20.00	20.10	19.91	20.70
10	64QAM	1	49	19.78	19.95	19.79	20.70
10	64QAM	25	0	19.93	20.00	19.86	20.70
10	64QAM	25	12	19.90	20.03	19.83	20.70
10	64QAM	25	25	19.68	19.87	19.77	20.70
10	64QAM	50	0	19.80	19.89	19.77	20.70
10	256QAM	1	0	19.86	19.96	19.78	20.70
10	256QAM	1	25	19.87	20.02	19.93	20.70
10	256QAM	1	49	19.73	19.88	19.71	20.70
10	256QAM	25	0	19.87	20.03	19.87	20.70
10	256QAM	25	12	19.96	20.10	19.90	20.70
10	256QAM	25	25	19.72	19.78	19.64	20.70
10	256QAM	50	0	19.91	20.09	19.92	20.70
Channel				20425	20525	20625	Tune-up limit
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	19.97	20.08	19.88	20.70
5	QPSK	1	12	19.73	19.84	19.72	20.70
5	QPSK	1	24	19.74	19.87	19.64	20.70
5	QPSK	12	0	19.79	19.88	19.76	20.70
5	QPSK	12	7	19.71	19.82	19.67	20.70
5	QPSK	12	13	19.76	19.86	19.73	20.70
5	QPSK	25	0	19.90	19.98	19.86	20.70
5	16QAM	1	0	19.61	19.77	19.65	20.70
5	16QAM	1	12	19.63	19.81	19.72	20.70
5	16QAM	1	24	19.80	19.89	19.76	20.70
5	16QAM	12	0	19.98	20.11	20.01	20.70
5	16QAM	12	7	19.92	20.01	19.91	20.70
5	16QAM	12	13	19.83	20.02	19.84	20.70
5	16QAM	25	0	19.67	19.75	19.59	20.70
5	64QAM	1	0	19.96	20.01	19.96	20.70
5	64QAM	1	12	19.88	19.97	19.80	20.70
5	64QAM	1	24	19.69	19.92	19.76	20.70
5	64QAM	12	0	19.83	19.92	19.77	20.70
5	64QAM	12	7	19.78	19.99	19.68	20.70
5	64QAM	12	13	19.65	19.76	19.62	20.70
5	64QAM	25	0	19.69	19.77	19.65	20.70
5	256QAM	1	0	19.83	19.82	19.73	20.70
5	256QAM	1	12	19.80	19.93	19.83	20.70
5	256QAM	1	24	19.62	19.82	19.58	20.70
5	256QAM	12	0	19.78	19.96	19.82	20.70
5	256QAM	12	7	19.90	19.95	19.86	20.70
5	256QAM	12	13	19.60	19.74	19.54	20.70
5	256QAM	25	0	19.81	20.02	19.83	20.70
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	20.04	20.03	19.90	20.70
3	QPSK	1	8	19.76	19.89	19.71	20.70
3	QPSK	1	14	19.72	19.89	19.68	20.70
3	QPSK	8	0	19.86	19.92	19.78	20.70
3	QPSK	8	4	19.61	19.85	19.68	20.70
3	QPSK	8	7	19.81	19.87	19.76	20.70
3	QPSK	15	0	19.85	20.01	19.83	20.70
3	16QAM	1	0	19.67	19.76	19.65	20.70
3	16QAM	1	8	19.62	19.85	19.74	20.70
3	16QAM	1	14	19.73	19.93	19.78	20.70
3	16QAM	8	0	19.97	20.05	19.92	20.70
3	16QAM	8	4	19.95	20.05	19.86	20.70
3	16QAM	8	7	19.75	19.96	19.78	20.70
3	16QAM	15	0	19.64	19.68	19.56	20.70
3	64QAM	1	0	20.01	20.02	19.95	20.70
3	64QAM	1	8	19.90	19.99	19.88	20.70
3	64QAM	1	14	19.69	19.91	19.67	20.70
3	64QAM	8	0	19.90	19.90	19.83	20.70
3	64QAM	8	4	19.84	19.96	19.70	20.70
3	64QAM	8	7	19.58	19.74	19.62	20.70
3	64QAM	15	0	19.73	19.77	19.75	20.70
3	256QAM	1	0	19.79	19.93	19.65	20.70
3	256QAM	1	8	19.80	19.88	19.85	20.70
3	256QAM	1	14	19.65	19.84	19.67	20.70

3	256QAM	8	0	19.84	20.00	19.75	20.70
3	256QAM	8	4	19.85	20.06	19.79	20.70
3	256QAM	8	7	19.58	19.66	19.53	20.70
3	256QAM	15	0	19.78	20.04	19.82	20.70
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	19.90	20.07	19.89	20.70
1.4	QPSK	1	3	19.75	19.88	19.77	20.70
1.4	QPSK	1	5	19.80	19.84	19.67	20.70
1.4	QPSK	3	0	19.86	20.00	19.84	20.70
1.4	QPSK	3	1	19.72	19.90	19.74	20.70
1.4	QPSK	3	3	19.83	19.83	19.83	20.70
1.4	QPSK	6	0	19.92	19.92	19.85	20.70
1.4	16QAM	1	0	19.64	19.71	19.61	20.70
1.4	16QAM	1	3	19.70	19.84	19.76	20.70
1.4	16QAM	1	5	19.71	19.86	19.87	20.70
1.4	16QAM	3	0	19.98	20.17	19.95	20.70
1.4	16QAM	3	1	19.91	20.06	19.82	20.70
1.4	16QAM	3	3	19.77	19.99	19.73	20.70
1.4	16QAM	6	0	19.60	19.73	19.58	20.70
1.4	64QAM	1	0	20.01	20.00	19.96	20.70
1.4	64QAM	1	3	19.91	19.97	19.85	20.70
1.4	64QAM	1	5	19.77	19.86	19.73	20.70
1.4	64QAM	3	0	19.83	19.97	19.84	20.70
1.4	64QAM	3	1	19.82	20.00	19.74	20.70
1.4	64QAM	3	3	19.66	19.84	19.75	20.70
1.4	64QAM	6	0	19.67	19.86	19.76	20.70
1.4	256QAM	1	0	19.71	19.90	19.65	20.70
1.4	256QAM	1	3	19.86	19.94	19.83	20.70
1.4	256QAM	1	5	19.65	19.86	19.66	20.70
1.4	256QAM	3	0	19.85	19.98	19.85	20.70
1.4	256QAM	3	1	19.84	20.08	19.76	20.70
1.4	256QAM	3	3	19.57	19.67	19.59	20.70
1.4	256QAM	6	0	19.79	19.99	19.83	20.70

【LTE Band 7_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				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	24.97	25.06	24.98	25.70
20	QPSK	1	49	24.83	25.04	24.88	25.70
20	QPSK	1	99	24.81	24.98	24.85	25.70
20	QPSK	50	0	23.94	24.06	23.84	24.70
20	QPSK	50	24	23.76	23.96	23.87	24.70
20	QPSK	50	50	23.83	24.02	23.93	24.70
20	QPSK	100	0	23.89	24.03	23.81	24.70
20	16QAM	1	0	24.34	24.56	24.46	24.70
20	16QAM	1	49	24.33	24.54	24.32	24.70
20	16QAM	1	99	24.13	24.23	24.05	24.70
20	16QAM	50	0	22.79	22.98	22.85	23.70
20	16QAM	50	24	22.88	23.09	22.92	23.70
20	16QAM	50	50	23.05	23.15	23.01	23.70
20	16QAM	100	0	22.91	23.07	22.90	23.70
20	64QAM	1	0	23.32	23.45	23.28	23.70
20	64QAM	1	49	22.97	23.15	23.04	23.70
20	64QAM	1	99	23.20	23.41	23.21	23.70
20	64QAM	50	0	21.88	22.04	21.95	22.70
20	64QAM	50	24	21.86	22.00	21.86	22.70
20	64QAM	50	50	21.87	22.10	21.92	22.70
20	64QAM	100	0	21.93	22.07	21.95	22.70
20	256QAM	1	0	20.14	20.33	20.21	20.70
20	256QAM	1	49	20.28	20.48	20.30	20.70
20	256QAM	1	99	20.15	20.30	20.20	20.70
20	256QAM	50	0	19.85	20.04	19.88	20.70
20	256QAM	50	24	20.09	20.30	20.18	20.70
20	256QAM	50	50	19.99	20.14	20.02	20.70
20	256QAM	100	0	20.03	20.21	20.09	20.70
Channel				20825	21100	21375	Tune-up limit

Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	QPSK	1	0	24.87	24.98	24.92	25.70
15	QPSK	1	37	24.72	24.99	24.73	25.70
15	QPSK	1	74	24.77	24.95	24.71	25.70
15	QPSK	36	0	23.92	24.00	23.82	24.70
15	QPSK	36	20	23.61	23.92	23.77	24.70
15	QPSK	36	39	23.74	23.93	23.86	24.70
15	QPSK	75	0	23.84	23.95	23.76	24.70
15	16QAM	1	0	24.27	24.49	24.38	24.70
15	16QAM	1	37	24.26	24.45	24.21	24.70
15	16QAM	1	74	24.07	24.08	24.01	24.70
15	16QAM	36	0	22.71	22.84	22.72	23.70
15	16QAM	36	20	22.77	22.97	22.85	23.70
15	16QAM	36	39	22.92	23.08	22.94	23.70
15	16QAM	75	0	22.86	23.00	22.83	23.70
15	64QAM	1	0	23.25	23.38	23.24	23.70
15	64QAM	1	37	22.85	23.10	22.98	23.70
15	64QAM	1	74	23.09	23.35	23.07	23.70
15	64QAM	36	0	21.74	21.97	21.93	22.70
15	64QAM	36	20	21.82	21.90	21.81	22.70
15	64QAM	36	39	21.84	22.00	21.82	22.70
15	64QAM	75	0	21.79	21.92	21.89	22.70
15	256QAM	1	0	19.99	20.27	20.10	20.70
15	256QAM	1	37	20.26	20.43	20.18	20.70
15	256QAM	1	74	20.01	20.16	20.13	20.70
15	256QAM	36	0	19.80	20.01	19.77	20.70
15	256QAM	36	20	20.01	20.25	20.06	20.70
15	256QAM	36	39	19.85	20.05	19.90	20.70
15	256QAM	75	0	19.96	20.14	20.02	20.70
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	24.95	25.01	24.93	25.70
10	QPSK	1	25	24.75	24.91	24.80	25.70
10	QPSK	1	49	24.72	24.95	24.78	25.70
10	QPSK	25	0	23.86	23.94	23.74	24.70
10	QPSK	25	12	23.61	23.90	23.73	24.70
10	QPSK	25	25	23.72	23.88	23.80	24.70
10	QPSK	50	0	23.83	23.96	23.69	24.70
10	16QAM	1	0	24.23	24.54	24.41	24.70
10	16QAM	1	25	24.22	24.44	24.27	24.70
10	16QAM	1	49	24.10	24.20	24.02	24.70
10	16QAM	25	0	22.76	22.95	22.74	23.70
10	16QAM	25	12	22.87	23.06	22.80	23.70
10	16QAM	25	25	22.93	23.03	22.89	23.70
10	16QAM	50	0	22.88	23.03	22.78	23.70
10	64QAM	1	0	23.30	23.31	23.22	23.70
10	64QAM	1	25	22.92	23.10	23.02	23.70
10	64QAM	1	49	23.09	23.36	23.18	23.70
10	64QAM	25	0	21.86	21.99	21.93	22.70
10	64QAM	25	12	21.84	21.93	21.81	22.70
10	64QAM	25	25	21.78	22.08	21.81	22.70
10	64QAM	50	0	21.78	21.98	21.90	22.70
10	256QAM	1	0	20.09	20.20	20.15	20.70
10	256QAM	1	25	20.22	20.33	20.23	20.70
10	256QAM	1	49	20.10	20.20	20.05	20.70
10	256QAM	25	0	19.73	19.97	19.76	20.70
10	256QAM	25	12	20.04	20.19	20.09	20.70
10	256QAM	25	25	19.95	19.99	19.93	20.70
10	256QAM	50	0	20.00	20.10	19.97	20.70
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	24.87	24.94	24.94	25.70
5	QPSK	1	12	24.70	24.93	24.78	25.70
5	QPSK	1	24	24.75	24.84	24.80	25.70
5	QPSK	12	0	23.93	24.05	23.73	24.70
5	QPSK	12	7	23.63	23.91	23.76	24.70
5	QPSK	12	13	23.74	23.87	23.80	24.70
5	QPSK	25	0	23.80	23.98	23.72	24.70
5	16QAM	1	0	24.23	24.46	24.36	24.70
5	16QAM	1	12	24.28	24.49	24.27	24.70
5	16QAM	1	24	24.06	24.11	23.97	24.70
5	16QAM	12	0	22.65	22.85	22.75	23.70
5	16QAM	12	7	22.87	22.99	22.79	23.70
5	16QAM	12	13	22.96	23.13	22.88	23.70

5	16QAM	25	0	22.81	23.00	22.86	23.70
5	64QAM	1	0	23.17	23.33	23.21	23.70
5	64QAM	1	12	22.87	23.04	22.96	23.70
5	64QAM	1	24	23.15	23.36	23.17	23.70
5	64QAM	12	0	21.83	21.98	21.82	22.70
5	64QAM	12	7	21.80	21.97	21.72	22.70
5	64QAM	12	13	21.79	21.98	21.77	22.70
5	64QAM	25	0	21.91	21.97	21.85	22.70
5	256QAM	1	0	20.11	20.31	20.09	20.70
5	256QAM	1	12	20.25	20.44	20.28	20.70
5	256QAM	1	24	20.07	20.17	20.06	20.70
5	256QAM	12	0	19.79	19.97	19.83	20.70
5	256QAM	12	7	19.97	20.17	20.08	20.70
5	256QAM	12	13	19.89	20.05	19.87	20.70
5	256QAM	25	0	19.94	20.19	20.00	20.70

【LTE Band 7_Ant 4_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	16.20	16.21	16.19	17.20
20	QPSK	1	49	16.01	16.16	16.05	17.20
20	QPSK	1	99	15.98	16.07	15.96	17.20
20	QPSK	50	0	16.01	16.12	15.96	17.20
20	QPSK	50	24	15.99	16.10	16.02	17.20
20	QPSK	50	50	16.00	16.09	15.97	17.20
20	QPSK	100	0	16.00	16.13	16.00	17.20
20	16QAM	1	0	16.19	16.23	16.14	17.20
20	16QAM	1	49	16.00	16.11	16.02	17.20
20	16QAM	1	99	16.08	16.20	16.10	17.20
20	16QAM	50	0	16.11	16.16	16.04	17.20
20	16QAM	50	24	15.91	16.01	15.88	17.20
20	16QAM	50	50	15.97	16.04	15.95	17.20
20	16QAM	100	0	16.03	16.07	16.02	17.20
20	64QAM	1	0	16.11	16.18	16.10	17.20
20	64QAM	1	49	15.92	16.04	15.94	17.20
20	64QAM	1	99	16.09	16.18	16.05	17.20
20	64QAM	50	0	15.94	16.07	15.98	17.20
20	64QAM	50	24	15.99	16.09	15.97	17.20
20	64QAM	50	50	16.11	16.22	16.15	17.20
20	64QAM	100	0	15.93	16.05	15.91	17.20
20	256QAM	1	0	15.99	16.05	15.88	17.20
20	256QAM	1	49	16.07	16.09	16.01	17.20
20	256QAM	1	99	16.11	16.20	16.04	17.20
20	256QAM	50	0	15.98	16.02	15.98	17.20
20	256QAM	50	24	15.97	16.03	15.99	17.20
20	256QAM	50	50	15.93	16.02	15.89	17.20
20	256QAM	100	0	15.87	16.01	15.90	17.20
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	16.08	16.08	16.10	17.20
15	QPSK	1	37	15.95	16.01	16.00	17.20
15	QPSK	1	74	15.86	15.96	15.94	17.20
15	QPSK	36	0	15.92	16.05	15.87	17.20
15	QPSK	36	20	15.95	16.08	15.91	17.20
15	QPSK	36	39	15.86	15.98	15.86	17.20
15	QPSK	75	0	15.86	16.00	15.86	17.20
15	16QAM	1	0	16.13	16.10	16.11	17.20
15	16QAM	1	37	15.94	16.08	15.87	17.20
15	16QAM	1	74	16.02	16.08	15.96	17.20
15	16QAM	36	0	16.01	16.13	16.02	17.20
15	16QAM	36	20	15.80	15.96	15.81	17.20
15	16QAM	36	39	15.95	16.02	15.93	17.20
15	16QAM	75	0	15.96	16.04	15.93	17.20
15	64QAM	1	0	16.06	16.05	15.98	17.20
15	64QAM	1	37	15.87	16.03	15.80	17.20
15	64QAM	1	74	15.97	16.13	15.94	17.20
15	64QAM	36	0	15.89	15.94	15.86	17.20

15	64QAM	36	20	15.86	15.98	15.91	17.20
15	64QAM	36	39	16.00	16.11	16.08	17.20
15	64QAM	75	0	15.82	15.91	15.89	17.20
15	256QAM	1	0	15.94	16.01	15.81	17.20
15	256QAM	1	37	16.04	16.01	15.89	17.20
15	256QAM	1	74	15.97	16.10	15.94	17.20
15	256QAM	36	0	15.95	15.98	15.88	17.20
15	256QAM	36	20	15.87	16.00	15.88	17.20
15	256QAM	36	39	15.88	15.90	15.83	17.20
15	256QAM	75	0	15.80	15.97	15.81	17.20
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	16.10	16.09	16.13	17.20
10	QPSK	1	25	15.94	16.02	15.99	17.20
10	QPSK	1	49	15.94	15.96	15.90	17.20
10	QPSK	25	0	15.86	16.08	15.94	17.20
10	QPSK	25	12	15.88	16.07	15.99	17.20
10	QPSK	25	25	15.93	16.08	15.92	17.20
10	QPSK	50	0	15.97	15.99	15.91	17.20
10	16QAM	1	0	16.04	16.21	16.05	17.20
10	16QAM	1	25	15.87	16.09	15.97	17.20
10	16QAM	1	49	16.00	16.14	15.95	17.20
10	16QAM	25	0	16.02	16.11	15.91	17.20
10	16QAM	25	12	15.81	15.88	15.81	17.20
10	16QAM	25	25	15.95	15.95	15.91	17.20
10	16QAM	50	0	15.94	15.92	16.01	17.20
10	64QAM	1	0	16.08	16.14	16.02	17.20
10	64QAM	1	25	15.90	15.96	15.90	17.20
10	64QAM	1	49	15.94	16.15	15.98	17.20
10	64QAM	25	0	15.80	15.93	15.86	17.20
10	64QAM	25	12	15.95	16.07	15.93	17.20
10	64QAM	25	25	15.97	16.17	16.13	17.20
10	64QAM	50	0	15.88	16.02	15.80	17.20
10	256QAM	1	0	15.95	15.94	15.80	17.20
10	256QAM	1	25	15.96	15.99	15.95	17.20
10	256QAM	1	49	16.02	16.08	15.99	17.20
10	256QAM	25	0	15.90	15.88	15.89	17.20
10	256QAM	25	12	15.93	15.98	15.95	17.20
10	256QAM	25	25	15.80	15.88	15.81	17.20
10	256QAM	50	0	15.84	15.97	15.85	17.20
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	16.07	16.06	16.15	17.20
5	QPSK	1	12	15.94	16.07	15.96	17.20
5	QPSK	1	24	15.86	16.01	15.84	17.20
5	QPSK	12	0	15.92	16.00	15.92	17.20
5	QPSK	12	7	15.85	16.09	15.89	17.20
5	QPSK	12	13	15.91	15.98	15.91	17.20
5	QPSK	25	0	15.90	16.11	15.86	17.20
5	16QAM	1	0	16.09	16.09	16.00	17.20
5	16QAM	1	12	15.90	16.01	16.00	17.20
5	16QAM	1	24	16.05	16.15	16.01	17.20
5	16QAM	12	0	16.07	16.11	15.89	17.20
5	16QAM	12	7	15.85	15.93	15.83	17.20
5	16QAM	12	13	15.88	15.99	15.88	17.20
5	16QAM	25	0	15.96	16.03	15.94	17.20
5	64QAM	1	0	15.97	16.11	15.98	17.20
5	64QAM	1	12	15.85	15.92	15.86	17.20
5	64QAM	1	24	16.07	16.04	15.91	17.20
5	64QAM	12	0	15.86	15.98	15.87	17.20
5	64QAM	12	7	15.85	16.06	15.90	17.20
5	64QAM	12	13	16.03	16.19	16.06	17.20
5	64QAM	25	0	15.85	15.99	15.80	17.20
5	256QAM	1	0	15.90	15.95	15.81	17.20
5	256QAM	1	12	15.97	16.06	15.97	17.20
5	256QAM	1	24	16.04	16.08	15.93	17.20
5	256QAM	12	0	15.84	15.93	15.86	17.20
5	256QAM	12	7	15.83	15.88	15.95	17.20
5	256QAM	12	13	15.81	15.88	15.81	17.20
5	256QAM	25	0	15.81	15.94	15.83	17.20

【LTE Band 7_Ant 4_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	17.68	17.79	17.75	18.70
20	QPSK	1	49	17.43	17.63	17.46	18.70
20	QPSK	1	99	17.64	17.77	17.70	18.70
20	QPSK	50	0	17.61	17.75	17.66	18.70
20	QPSK	50	24	17.43	17.64	17.52	18.70
20	QPSK	50	50	17.47	17.68	17.63	18.70
20	QPSK	100	0	17.34	17.60	17.51	18.70
20	16QAM	1	0	17.47	17.60	17.50	18.70
20	16QAM	1	49	17.41	17.62	17.46	18.70
20	16QAM	1	99	17.33	17.58	17.46	18.70
20	16QAM	50	0	17.37	17.61	17.45	18.70
20	16QAM	50	24	17.53	17.66	17.57	18.70
20	16QAM	50	50	17.42	17.65	17.47	18.70
20	16QAM	100	0	17.41	17.58	17.42	18.70
20	64QAM	1	0	17.63	17.80	17.71	18.70
20	64QAM	1	49	17.43	17.58	17.51	18.70
20	64QAM	1	99	17.55	17.75	17.68	18.70
20	64QAM	50	0	17.49	17.67	17.60	18.70
20	64QAM	50	24	17.54	17.75	17.57	18.70
20	64QAM	50	50	17.57	17.70	17.55	18.70
20	64QAM	100	0	17.42	17.59	17.43	18.70
20	256QAM	1	0	17.63	17.78	17.60	18.70
20	256QAM	1	49	17.32	17.57	17.44	18.70
20	256QAM	1	99	17.49	17.62	17.43	18.70
20	256QAM	50	0	17.55	17.73	17.55	18.70
20	256QAM	50	24	17.46	17.68	17.54	18.70
20	256QAM	50	50	17.48	17.64	17.50	18.70
20	256QAM	100	0	17.45	17.66	17.51	18.70
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	17.64	17.77	17.62	18.70
15	QPSK	1	37	17.40	17.62	17.44	18.70
15	QPSK	1	74	17.52	17.69	17.67	18.70
15	QPSK	36	0	17.56	17.66	17.41	18.70
15	QPSK	36	20	17.30	17.57	17.39	18.70
15	QPSK	36	39	17.45	17.63	17.55	18.70
15	QPSK	75	0	17.30	17.56	17.40	18.70
15	16QAM	1	0	17.42	17.50	17.44	18.70
15	16QAM	1	37	17.32	17.60	17.38	18.70
15	16QAM	1	74	17.30	17.52	17.32	18.70
15	16QAM	36	0	17.36	17.58	17.37	18.70
15	16QAM	36	20	17.49	17.52	17.56	18.70
15	16QAM	36	39	17.36	17.56	17.41	18.70
15	16QAM	75	0	17.36	17.46	17.30	18.70
15	64QAM	1	0	17.51	17.73	17.59	18.70
15	64QAM	1	37	17.36	17.43	17.44	18.70
15	64QAM	1	74	17.45	17.72	17.57	18.70
15	64QAM	36	0	17.45	17.65	17.50	18.70
15	64QAM	36	20	17.47	17.60	17.55	18.70
15	64QAM	36	39	17.55	17.58	17.41	18.70
15	64QAM	75	0	17.36	17.48	17.33	18.70
15	256QAM	1	0	17.52	17.76	17.58	18.70
15	256QAM	1	37	17.31	17.46	17.39	18.70
15	256QAM	1	74	17.43	17.56	17.30	18.70
15	256QAM	36	0	17.46	17.62	17.43	18.70
15	256QAM	36	20	17.37	17.53	17.44	18.70
15	256QAM	36	39	17.43	17.60	17.48	18.70
15	256QAM	75	0	17.32	17.65	17.44	18.70
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	17.58	17.71	17.70	18.70
10	QPSK	1	25	17.32	17.60	17.36	18.70
10	QPSK	1	49	17.54	17.70	17.55	18.70
10	QPSK	25	0	17.46	17.67	17.41	18.70
10	QPSK	25	12	17.42	17.59	17.51	18.70
10	QPSK	25	25	17.38	17.54	17.49	18.70
10	QPSK	50	0	17.33	17.49	17.46	18.70

10	16QAM	1	0	17.46	17.52	17.41	18.70
10	16QAM	1	25	17.31	17.52	17.33	18.70
10	16QAM	1	49	17.30	17.54	17.42	18.70
10	16QAM	25	0	17.34	17.50	17.33	18.70
10	16QAM	25	12	17.46	17.59	17.48	18.70
10	16QAM	25	25	17.32	17.63	17.38	18.70
10	16QAM	50	0	17.30	17.50	17.40	18.70
10	64QAM	1	0	17.48	17.73	17.70	18.70
10	64QAM	1	25	17.35	17.52	17.47	18.70
10	64QAM	1	49	17.49	17.63	17.56	18.70
10	64QAM	25	0	17.43	17.59	17.58	18.70
10	64QAM	25	12	17.46	17.66	17.53	18.70
10	64QAM	25	25	17.54	17.67	17.48	18.70
10	64QAM	50	0	17.40	17.51	17.39	18.70
10	256QAM	1	0	17.54	17.75	17.54	18.70
10	256QAM	1	25	17.30	17.42	17.30	18.70
10	256QAM	1	49	17.47	17.52	17.31	18.70
10	256QAM	25	0	17.48	17.67	17.47	18.70
10	256QAM	25	12	17.35	17.65	17.44	18.70
10	256QAM	25	25	17.38	17.57	17.39	18.70
10	256QAM	50	0	17.41	17.51	17.47	18.70
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	17.60	17.68	17.69	18.70
5	QPSK	1	12	17.39	17.48	17.42	18.70
5	QPSK	1	24	17.61	17.64	17.66	18.70
5	QPSK	12	0	17.56	17.62	17.46	18.70
5	QPSK	12	7	17.32	17.54	17.38	18.70
5	QPSK	12	13	17.32	17.63	17.59	18.70
5	QPSK	25	0	17.30	17.52	17.38	18.70
5	16QAM	1	0	17.43	17.45	17.37	18.70
5	16QAM	1	12	17.33	17.59	17.35	18.70
5	16QAM	1	24	17.30	17.43	17.38	18.70
5	16QAM	12	0	17.31	17.56	17.35	18.70
5	16QAM	12	7	17.45	17.53	17.53	18.70
5	16QAM	12	13	17.39	17.62	17.42	18.70
5	16QAM	25	0	17.30	17.44	17.37	18.70
5	64QAM	1	0	17.56	17.75	17.56	18.70
5	64QAM	1	12	17.42	17.47	17.43	18.70
5	64QAM	1	24	17.51	17.63	17.54	18.70
5	64QAM	12	0	17.46	17.56	17.49	18.70
5	64QAM	12	7	17.50	17.65	17.44	18.70
5	64QAM	12	13	17.53	17.55	17.51	18.70
5	64QAM	25	0	17.31	17.51	17.42	18.70
5	256QAM	1	0	17.59	17.72	17.59	18.70
5	256QAM	1	12	17.32	17.54	17.37	18.70
5	256QAM	1	24	17.36	17.54	17.32	18.70
5	256QAM	12	0	17.51	17.58	17.45	18.70
5	256QAM	12	7	17.37	17.66	17.52	18.70
5	256QAM	12	13	17.44	17.61	17.37	18.70
5	256QAM	25	0	17.31	17.64	17.40	18.70

【LTE Band 7_Ant 4_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	24.97	25.06	24.98	25.70
20	QPSK	1	49	24.83	25.04	24.88	25.70
20	QPSK	1	99	24.81	24.98	24.85	25.70
20	QPSK	50	0	23.94	24.06	23.84	24.70
20	QPSK	50	24	23.76	23.96	23.87	24.70
20	QPSK	50	50	23.83	24.02	23.93	24.70
20	QPSK	100	0	23.89	24.03	23.81	24.70
20	16QAM	1	0	24.34	24.56	24.46	24.70
20	16QAM	1	49	24.33	24.54	24.32	24.70
20	16QAM	1	99	24.13	24.23	24.05	24.70
20	16QAM	50	0	22.79	22.98	22.85	23.70
20	16QAM	50	24	22.88	23.09	22.92	23.70

20	16QAM	50	50	23.05	23.15	23.01	23.70
20	16QAM	100	0	22.91	23.07	22.90	23.70
20	64QAM	1	0	23.32	23.45	23.28	23.70
20	64QAM	1	49	22.97	23.15	23.04	23.70
20	64QAM	1	99	23.20	23.41	23.21	23.70
20	64QAM	50	0	21.88	22.04	21.95	22.70
20	64QAM	50	24	21.86	22.00	21.86	22.70
20	64QAM	50	50	21.87	22.10	21.92	22.70
20	64QAM	100	0	21.93	22.07	21.95	22.70
20	256QAM	1	0	20.14	20.33	20.21	20.70
20	256QAM	1	49	20.28	20.48	20.30	20.70
20	256QAM	1	99	20.15	20.30	20.20	20.70
20	256QAM	50	0	19.85	20.04	19.88	20.70
20	256QAM	50	24	20.09	20.30	20.18	20.70
20	256QAM	50	50	19.99	20.14	20.02	20.70
20	256QAM	100	0	20.03	20.21	20.09	20.70
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	24.87	24.98	24.92	25.70
15	QPSK	1	37	24.72	24.99	24.73	25.70
15	QPSK	1	74	24.77	24.95	24.71	25.70
15	QPSK	36	0	23.92	24.00	23.82	24.70
15	QPSK	36	20	23.61	23.92	23.77	24.70
15	QPSK	36	39	23.74	23.93	23.86	24.70
15	QPSK	75	0	23.84	23.95	23.76	24.70
15	16QAM	1	0	24.27	24.49	24.38	24.70
15	16QAM	1	37	24.26	24.45	24.21	24.70
15	16QAM	1	74	24.07	24.08	24.01	24.70
15	16QAM	36	0	22.71	22.84	22.72	23.70
15	16QAM	36	20	22.77	22.97	22.85	23.70
15	16QAM	36	39	22.92	23.08	22.94	23.70
15	16QAM	75	0	22.86	23.00	22.83	23.70
15	64QAM	1	0	23.25	23.38	23.24	23.70
15	64QAM	1	37	22.85	23.10	22.98	23.70
15	64QAM	1	74	23.09	23.35	23.07	23.70
15	64QAM	36	0	21.74	21.97	21.93	22.70
15	64QAM	36	20	21.82	21.90	21.81	22.70
15	64QAM	36	39	21.84	22.00	21.82	22.70
15	64QAM	75	0	21.79	21.92	21.89	22.70
15	256QAM	1	0	19.99	20.27	20.10	20.70
15	256QAM	1	37	20.26	20.43	20.18	20.70
15	256QAM	1	74	20.01	20.16	20.13	20.70
15	256QAM	36	0	19.80	20.01	19.77	20.70
15	256QAM	36	20	20.01	20.25	20.06	20.70
15	256QAM	36	39	19.85	20.05	19.90	20.70
15	256QAM	75	0	19.96	20.14	20.02	20.70
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	24.95	25.01	24.93	25.70
10	QPSK	1	25	24.75	24.91	24.80	25.70
10	QPSK	1	49	24.72	24.95	24.78	25.70
10	QPSK	25	0	23.86	23.94	23.74	24.70
10	QPSK	25	12	23.61	23.90	23.73	24.70
10	QPSK	25	25	23.72	23.88	23.80	24.70
10	QPSK	50	0	23.83	23.96	23.69	24.70
10	16QAM	1	0	24.23	24.54	24.41	24.70
10	16QAM	1	25	24.22	24.44	24.27	24.70
10	16QAM	1	49	24.10	24.20	24.02	24.70
10	16QAM	25	0	22.76	22.95	22.74	23.70
10	16QAM	25	12	22.87	23.06	22.80	23.70
10	16QAM	25	25	22.93	23.03	22.89	23.70
10	16QAM	50	0	22.88	23.03	22.78	23.70
10	64QAM	1	0	23.30	23.31	23.22	23.70
10	64QAM	1	25	22.92	23.10	23.02	23.70
10	64QAM	1	49	23.09	23.36	23.18	23.70
10	64QAM	25	0	21.86	21.99	21.93	22.70
10	64QAM	25	12	21.84	21.93	21.81	22.70
10	64QAM	25	25	21.78	22.08	21.81	22.70
10	64QAM	50	0	21.78	21.98	21.90	22.70
10	256QAM	1	0	20.09	20.20	20.15	20.70
10	256QAM	1	25	20.22	20.33	20.23	20.70
10	256QAM	1	49	20.10	20.20	20.05	20.70
10	256QAM	25	0	19.73	19.97	19.76	20.70
10	256QAM	25	12	20.04	20.19	20.09	20.70

10	256QAM	25	25	19.95	19.99	19.93	20.70
10	256QAM	50	0	20.00	20.10	19.97	20.70
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	24.87	24.94	24.94	25.70
5	QPSK	1	12	24.70	24.93	24.78	25.70
5	QPSK	1	24	24.75	24.84	24.80	25.70
5	QPSK	12	0	23.93	24.05	23.73	24.70
5	QPSK	12	7	23.63	23.91	23.76	24.70
5	QPSK	12	13	23.74	23.87	23.80	24.70
5	QPSK	25	0	23.80	23.98	23.72	24.70
5	16QAM	1	0	24.23	24.46	24.36	24.70
5	16QAM	1	12	24.28	24.49	24.27	24.70
5	16QAM	1	24	24.06	24.11	23.97	24.70
5	16QAM	12	0	22.65	22.85	22.75	23.70
5	16QAM	12	7	22.87	22.99	22.79	23.70
5	16QAM	12	13	22.96	23.13	22.88	23.70
5	16QAM	25	0	22.81	23.00	22.86	23.70
5	64QAM	1	0	23.17	23.33	23.21	23.70
5	64QAM	1	12	22.87	23.04	22.96	23.70
5	64QAM	1	24	23.15	23.36	23.17	23.70
5	64QAM	12	0	21.83	21.98	21.82	22.70
5	64QAM	12	7	21.80	21.97	21.72	22.70
5	64QAM	12	13	21.79	21.98	21.77	22.70
5	64QAM	25	0	21.91	21.97	21.85	22.70
5	256QAM	1	0	20.11	20.31	20.09	20.70
5	256QAM	1	12	20.25	20.44	20.28	20.70
5	256QAM	1	24	20.07	20.17	20.06	20.70
5	256QAM	12	0	19.79	19.97	19.83	20.70
5	256QAM	12	7	19.97	20.17	20.08	20.70
5	256QAM	12	13	19.89	20.05	19.87	20.70
5	256QAM	25	0	19.94	20.19	20.00	20.70

【LTE Band 7_Ant 4_DSI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	16.20	16.21	16.19	17.20
20	QPSK	1	49	16.01	16.16	16.05	17.20
20	QPSK	1	99	15.98	16.07	15.96	17.20
20	QPSK	50	0	16.01	16.12	15.96	17.20
20	QPSK	50	24	15.99	16.10	16.02	17.20
20	QPSK	50	50	16.00	16.09	15.97	17.20
20	QPSK	100	0	16.00	16.13	16.00	17.20
20	16QAM	1	0	16.19	16.23	16.14	17.20
20	16QAM	1	49	16.00	16.11	16.02	17.20
20	16QAM	1	99	16.08	16.20	16.10	17.20
20	16QAM	50	0	16.11	16.16	16.04	17.20
20	16QAM	50	24	15.91	16.01	15.88	17.20
20	16QAM	50	50	15.97	16.04	15.95	17.20
20	16QAM	100	0	16.03	16.07	16.02	17.20
20	64QAM	1	0	16.11	16.18	16.10	17.20
20	64QAM	1	49	15.92	16.04	15.94	17.20
20	64QAM	1	99	16.09	16.18	16.05	17.20
20	64QAM	50	0	15.94	16.07	15.98	17.20
20	64QAM	50	24	15.99	16.09	15.97	17.20
20	64QAM	50	50	16.11	16.22	16.15	17.20
20	64QAM	100	0	15.93	16.05	15.91	17.20
20	256QAM	1	0	15.99	16.05	15.88	17.20
20	256QAM	1	49	16.07	16.09	16.01	17.20
20	256QAM	1	99	16.11	16.20	16.04	17.20
20	256QAM	50	0	15.98	16.02	15.98	17.20
20	256QAM	50	24	15.97	16.03	15.99	17.20
20	256QAM	50	50	15.93	16.02	15.89	17.20
20	256QAM	100	0	15.87	16.01	15.90	17.20
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	16.08	16.08	16.10	17.20

15	QPSK	1	37	15.95	16.01	16.00	17.20
15	QPSK	1	74	15.86	15.96	15.94	17.20
15	QPSK	36	0	15.92	16.05	15.87	17.20
15	QPSK	36	20	15.95	16.08	15.91	17.20
15	QPSK	36	39	15.86	15.98	15.86	17.20
15	QPSK	75	0	15.86	16.00	15.86	17.20
15	16QAM	1	0	16.13	16.10	16.11	17.20
15	16QAM	1	37	15.94	16.08	15.87	17.20
15	16QAM	1	74	16.02	16.08	15.96	17.20
15	16QAM	36	0	16.01	16.13	16.02	17.20
15	16QAM	36	20	15.80	15.96	15.81	17.20
15	16QAM	36	39	15.95	16.02	15.93	17.20
15	16QAM	75	0	15.96	16.04	15.93	17.20
15	64QAM	1	0	16.06	16.05	15.98	17.20
15	64QAM	1	37	15.87	16.03	15.80	17.20
15	64QAM	1	74	15.97	16.13	15.94	17.20
15	64QAM	36	0	15.89	15.94	15.86	17.20
15	64QAM	36	20	15.86	15.98	15.91	17.20
15	64QAM	36	39	16.00	16.11	16.08	17.20
15	64QAM	75	0	15.82	15.91	15.89	17.20
15	256QAM	1	0	15.94	16.01	15.81	17.20
15	256QAM	1	37	16.04	16.01	15.89	17.20
15	256QAM	1	74	15.97	16.10	15.94	17.20
15	256QAM	36	0	15.95	15.98	15.88	17.20
15	256QAM	36	20	15.87	16.00	15.88	17.20
15	256QAM	36	39	15.88	15.90	15.83	17.20
15	256QAM	75	0	15.80	15.97	15.81	17.20
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	16.10	16.09	16.13	17.20
10	QPSK	1	25	15.94	16.02	15.99	17.20
10	QPSK	1	49	15.94	15.96	15.90	17.20
10	QPSK	25	0	15.86	16.08	15.94	17.20
10	QPSK	25	12	15.88	16.07	15.99	17.20
10	QPSK	25	25	15.93	16.08	15.92	17.20
10	QPSK	50	0	15.97	15.99	15.91	17.20
10	16QAM	1	0	16.04	16.21	16.05	17.20
10	16QAM	1	25	15.87	16.09	15.97	17.20
10	16QAM	1	49	16.00	16.14	15.95	17.20
10	16QAM	25	0	16.02	16.11	15.91	17.20
10	16QAM	25	12	15.81	15.88	15.81	17.20
10	16QAM	25	25	15.95	15.95	15.91	17.20
10	16QAM	50	0	15.94	15.92	16.01	17.20
10	64QAM	1	0	16.08	16.14	16.02	17.20
10	64QAM	1	25	15.90	15.96	15.90	17.20
10	64QAM	1	49	15.94	16.15	15.98	17.20
10	64QAM	25	0	15.80	15.93	15.86	17.20
10	64QAM	25	12	15.95	16.07	15.93	17.20
10	64QAM	25	25	15.97	16.17	16.13	17.20
10	64QAM	50	0	15.88	16.02	15.80	17.20
10	256QAM	1	0	15.95	15.94	15.80	17.20
10	256QAM	1	25	15.96	15.99	15.95	17.20
10	256QAM	1	49	16.02	16.08	15.99	17.20
10	256QAM	25	0	15.90	15.88	15.89	17.20
10	256QAM	25	12	15.93	15.98	15.95	17.20
10	256QAM	25	25	15.80	15.88	15.81	17.20
10	256QAM	50	0	15.84	15.97	15.85	17.20
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	16.07	16.06	16.15	17.20
5	QPSK	1	12	15.94	16.07	15.96	17.20
5	QPSK	1	24	15.86	16.01	15.84	17.20
5	QPSK	12	0	15.92	16.00	15.92	17.20
5	QPSK	12	7	15.85	16.09	15.89	17.20
5	QPSK	12	13	15.91	15.98	15.91	17.20
5	QPSK	25	0	15.90	16.11	15.86	17.20
5	16QAM	1	0	16.09	16.09	16.00	17.20
5	16QAM	1	12	15.90	16.01	16.00	17.20
5	16QAM	1	24	16.05	16.15	16.01	17.20
5	16QAM	12	0	16.07	16.11	15.89	17.20
5	16QAM	12	7	15.85	15.93	15.83	17.20
5	16QAM	12	13	15.88	15.99	15.88	17.20
5	16QAM	25	0	15.96	16.03	15.94	17.20
5	64QAM	1	0	15.97	16.11	15.98	17.20

5	64QAM	1	12	15.85	15.92	15.86	17.20
5	64QAM	1	24	16.07	16.04	15.91	17.20
5	64QAM	12	0	15.86	15.98	15.87	17.20
5	64QAM	12	7	15.85	16.06	15.90	17.20
5	64QAM	12	13	16.03	16.19	16.06	17.20
5	64QAM	25	0	15.85	15.99	15.80	17.20
5	256QAM	1	0	15.90	15.95	15.81	17.20
5	256QAM	1	12	15.97	16.06	15.97	17.20
5	256QAM	1	24	16.04	16.08	15.93	17.20
5	256QAM	12	0	15.84	15.93	15.86	17.20
5	256QAM	12	7	15.83	15.88	15.95	17.20
5	256QAM	12	13	15.81	15.88	15.81	17.20
5	256QAM	25	0	15.81	15.94	15.83	17.20

【LTE Band 7_Ant 5_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	24.55	24.60	24.59	25.70
20	QPSK	1	49	24.52	24.59	24.53	25.70
20	QPSK	1	99	24.38	24.57	24.53	25.70
20	QPSK	50	0	23.60	23.76	23.67	24.70
20	QPSK	50	24	23.60	23.72	23.57	24.70
20	QPSK	50	50	23.67	23.73	23.65	24.70
20	QPSK	100	0	23.48	23.62	23.50	24.70
20	16QAM	1	0	23.93	24.07	23.95	24.70
20	16QAM	1	49	23.72	23.78	23.74	24.70
20	16QAM	1	99	23.78	23.98	23.83	24.70
20	16QAM	50	0	22.61	22.80	22.76	23.70
20	16QAM	50	24	22.70	22.84	22.78	23.70
20	16QAM	50	50	22.64	22.75	22.62	23.70
20	16QAM	100	0	22.63	22.73	22.67	23.70
20	64QAM	1	0	22.86	22.98	22.84	23.70
20	64QAM	1	49	22.59	22.75	22.69	23.70
20	64QAM	1	99	22.94	23.07	22.98	23.70
20	64QAM	50	0	21.63	21.69	21.56	22.70
20	64QAM	50	24	21.60	21.66	21.53	22.70
20	64QAM	50	50	21.59	21.71	21.67	22.70
20	64QAM	100	0	21.84	21.94	21.79	22.70
20	256QAM	1	0	19.81	19.91	19.82	20.70
20	256QAM	1	49	19.71	19.86	19.76	20.70
20	256QAM	1	99	20.00	20.18	20.13	20.70
20	256QAM	50	0	19.92	19.99	19.86	20.70
20	256QAM	50	24	19.71	19.81	19.69	20.70
20	256QAM	50	50	19.72	19.84	19.75	20.70
20	256QAM	100	0	19.76	19.95	19.80	20.70
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	24.40	24.46	24.47	25.70
15	QPSK	1	37	24.49	24.46	24.48	25.70
15	QPSK	1	74	24.32	24.52	24.49	25.70
15	QPSK	36	0	23.48	23.70	23.61	24.70
15	QPSK	36	20	23.55	23.59	23.54	24.70
15	QPSK	36	39	23.55	23.58	23.50	24.70
15	QPSK	75	0	23.40	23.59	23.42	24.70
15	16QAM	1	0	23.85	23.96	23.83	24.70
15	16QAM	1	37	23.61	23.65	23.65	24.70
15	16QAM	1	74	23.72	23.90	23.69	24.70
15	16QAM	36	0	22.53	22.71	22.62	23.70
15	16QAM	36	20	22.58	22.74	22.75	23.70
15	16QAM	36	39	22.54	22.73	22.61	23.70
15	16QAM	75	0	22.58	22.70	22.55	23.70
15	64QAM	1	0	22.85	22.91	22.81	23.70
15	64QAM	1	37	22.53	22.68	22.65	23.70
15	64QAM	1	74	22.88	22.99	22.90	23.70
15	64QAM	36	0	21.55	21.61	21.50	22.70
15	64QAM	36	20	21.46	21.56	21.48	22.70
15	64QAM	36	39	21.54	21.60	21.60	22.70

15	64QAM	75	0	21.73	21.84	21.75	22.70
15	256QAM	1	0	19.67	19.82	19.79	20.70
15	256QAM	1	37	19.61	19.78	19.67	20.70
15	256QAM	1	74	19.97	20.07	20.06	20.70
15	256QAM	36	0	19.83	19.93	19.79	20.70
15	256QAM	36	20	19.70	19.71	19.62	20.70
15	256QAM	36	39	19.61	19.74	19.74	20.70
15	256QAM	75	0	19.66	19.92	19.69	20.70
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	24.48	24.55	24.53	25.70
10	QPSK	1	25	24.45	24.52	24.47	25.70
10	QPSK	1	49	24.36	24.55	24.38	25.70
10	QPSK	25	0	23.55	23.61	23.56	24.70
10	QPSK	25	12	23.57	23.66	23.49	24.70
10	QPSK	25	25	23.65	23.71	23.61	24.70
10	QPSK	50	0	23.42	23.61	23.45	24.70
10	16QAM	1	0	23.87	23.93	23.87	24.70
10	16QAM	1	25	23.69	23.72	23.72	24.70
10	16QAM	1	49	23.69	23.83	23.70	24.70
10	16QAM	25	0	22.53	22.78	22.63	23.70
10	16QAM	25	12	22.62	22.71	22.68	23.70
10	16QAM	25	25	22.57	22.70	22.54	23.70
10	16QAM	50	0	22.55	22.68	22.58	23.70
10	64QAM	1	0	22.84	22.95	22.78	23.70
10	64QAM	1	25	22.47	22.64	22.62	23.70
10	64QAM	1	49	22.84	23.02	22.91	23.70
10	64QAM	25	0	21.60	21.60	21.49	22.70
10	64QAM	25	12	21.54	21.62	21.41	22.70
10	64QAM	25	25	21.46	21.64	21.65	22.70
10	64QAM	50	0	21.72	21.86	21.75	22.70
10	256QAM	1	0	19.69	19.86	19.71	20.70
10	256QAM	1	25	19.62	19.83	19.67	20.70
10	256QAM	1	49	19.87	20.03	20.02	20.70
10	256QAM	25	0	19.90	19.96	19.75	20.70
10	256QAM	25	12	19.64	19.69	19.64	20.70
10	256QAM	25	25	19.60	19.81	19.73	20.70
10	256QAM	50	0	19.75	19.81	19.76	20.70
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	24.42	24.51	24.53	25.70
5	QPSK	1	12	24.50	24.47	24.50	25.70
5	QPSK	1	24	24.28	24.43	24.46	25.70
5	QPSK	12	0	23.47	23.67	23.57	24.70
5	QPSK	12	7	23.48	23.62	23.54	24.70
5	QPSK	12	13	23.60	23.66	23.58	24.70
5	QPSK	25	0	23.40	23.52	23.40	24.70
5	16QAM	1	0	23.87	23.93	23.87	24.70
5	16QAM	1	12	23.61	23.63	23.67	24.70
5	16QAM	1	24	23.76	23.94	23.73	24.70
5	16QAM	12	0	22.53	22.74	22.62	23.70
5	16QAM	12	7	22.68	22.81	22.77	23.70
5	16QAM	12	13	22.50	22.63	22.61	23.70
5	16QAM	25	0	22.61	22.67	22.55	23.70
5	64QAM	1	0	22.73	22.91	22.71	23.70
5	64QAM	1	12	22.47	22.71	22.55	23.70
5	64QAM	1	24	22.79	22.94	22.86	23.70
5	64QAM	12	0	21.50	21.64	21.48	22.70
5	64QAM	12	7	21.53	21.59	21.42	22.70
5	64QAM	12	13	21.56	21.60	21.54	22.70
5	64QAM	25	0	21.73	21.85	21.76	22.70
5	256QAM	1	0	19.76	19.89	19.78	20.70
5	256QAM	1	12	19.59	19.78	19.71	20.70
5	256QAM	1	24	19.86	20.03	20.03	20.70
5	256QAM	12	0	19.79	19.95	19.77	20.70
5	256QAM	12	7	19.59	19.72	19.64	20.70
5	256QAM	12	13	19.58	19.71	19.65	20.70
5	256QAM	25	0	19.62	19.90	19.76	20.70

【LTE Band 7_Ant 5_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	15.68	15.71	15.61	16.70
20	QPSK	1	49	15.45	15.62	15.42	16.70
20	QPSK	1	99	15.43	15.51	15.38	16.70
20	QPSK	50	0	15.64	15.70	15.54	16.70
20	QPSK	50	24	15.46	15.56	15.37	16.70
20	QPSK	50	50	15.56	15.60	15.35	16.70
20	QPSK	100	0	15.47	15.62	15.49	16.70
20	16QAM	1	0	15.39	15.50	15.35	16.70
20	16QAM	1	49	15.55	15.59	15.39	16.70
20	16QAM	1	99	15.54	15.71	15.51	16.70
20	16QAM	50	0	15.32	15.48	15.32	16.70
20	16QAM	50	24	15.52	15.67	15.51	16.70
20	16QAM	50	50	15.35	15.49	15.35	16.70
20	16QAM	100	0	15.34	15.50	15.29	16.70
20	64QAM	1	0	15.41	15.55	15.39	16.70
20	64QAM	1	49	15.64	15.71	15.48	16.70
20	64QAM	1	99	15.56	15.61	15.49	16.70
20	64QAM	50	0	15.46	15.64	15.43	16.70
20	64QAM	50	24	15.54	15.71	15.49	16.70
20	64QAM	50	50	15.63	15.71	15.51	16.70
20	64QAM	100	0	15.31	15.48	15.23	16.70
20	256QAM	1	0	15.53	15.68	15.51	16.70
20	256QAM	1	49	15.58	15.64	15.53	16.70
20	256QAM	1	99	15.47	15.53	15.33	16.70
20	256QAM	50	0	15.37	15.54	15.35	16.70
20	256QAM	50	24	15.51	15.67	15.49	16.70
20	256QAM	50	50	15.47	15.55	15.41	16.70
20	256QAM	100	0	15.59	15.64	15.41	16.70
Channel				20825	21100	21375	
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	15.66	15.68	15.55	16.70
15	QPSK	1	37	15.38	15.56	15.27	16.70
15	QPSK	1	74	15.35	15.38	15.32	16.70
15	QPSK	36	0	15.55	15.64	15.41	16.70
15	QPSK	36	20	15.38	15.55	15.28	16.70
15	QPSK	36	39	15.53	15.57	15.34	16.70
15	QPSK	75	0	15.36	15.56	15.45	16.70
15	16QAM	1	0	15.27	15.36	15.27	16.70
15	16QAM	1	37	15.47	15.49	15.31	16.70
15	16QAM	1	74	15.50	15.58	15.43	16.70
15	16QAM	36	0	15.29	15.43	15.30	16.70
15	16QAM	36	20	15.50	15.60	15.38	16.70
15	16QAM	36	39	15.27	15.41	15.27	16.70
15	16QAM	75	0	15.28	15.39	15.16	16.70
15	64QAM	1	0	15.34	15.47	15.24	16.70
15	64QAM	1	37	15.57	15.65	15.40	16.70
15	64QAM	1	74	15.52	15.47	15.42	16.70
15	64QAM	36	0	15.41	15.50	15.34	16.70
15	64QAM	36	20	15.45	15.57	15.46	16.70
15	64QAM	36	39	15.60	15.57	15.38	16.70
15	64QAM	75	0	15.16	15.43	15.19	16.70
15	256QAM	1	0	15.42	15.60	15.47	16.70
15	256QAM	1	37	15.55	15.53	15.51	16.70
15	256QAM	1	74	15.46	15.43	15.25	16.70
15	256QAM	36	0	15.25	15.41	15.32	16.70
15	256QAM	36	20	15.40	15.60	15.43	16.70
15	256QAM	36	39	15.42	15.42	15.30	16.70
15	256QAM	75	0	15.53	15.49	15.38	16.70
Channel				20800	21100	21400	
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	15.64	15.65	15.57	16.70
10	QPSK	1	25	15.36	15.50	15.28	16.70
10	QPSK	1	49	15.35	15.47	15.28	16.70
10	QPSK	25	0	15.53	15.56	15.51	16.70
10	QPSK	25	12	15.42	15.43	15.24	16.70

10	QPSK	25	25	15.47	15.56	15.32	16.70
10	QPSK	50	0	15.43	15.48	15.45	16.70
10	16QAM	1	0	15.28	15.36	15.22	16.70
10	16QAM	1	25	15.44	15.54	15.33	16.70
10	16QAM	1	49	15.53	15.66	15.49	16.70
10	16QAM	25	0	15.24	15.37	15.27	16.70
10	16QAM	25	12	15.38	15.60	15.48	16.70
10	16QAM	25	25	15.26	15.38	15.32	16.70
10	16QAM	50	0	15.28	15.43	15.14	16.70
10	64QAM	1	0	15.35	15.47	15.37	16.70
10	64QAM	1	25	15.63	15.63	15.44	16.70
10	64QAM	1	49	15.45	15.49	15.45	16.70
10	64QAM	25	0	15.33	15.54	15.41	16.70
10	64QAM	25	12	15.42	15.65	15.40	16.70
10	64QAM	25	25	15.56	15.62	15.44	16.70
10	64QAM	50	0	15.23	15.45	15.18	16.70
10	256QAM	1	0	15.47	15.59	15.39	16.70
10	256QAM	1	25	15.49	15.61	15.43	16.70
10	256QAM	1	49	15.37	15.38	15.30	16.70
10	256QAM	25	0	15.23	15.49	15.31	16.70
10	256QAM	25	12	15.46	15.58	15.45	16.70
10	256QAM	25	25	15.44	15.53	15.38	16.70
10	256QAM	50	0	15.54	15.49	15.26	16.70
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	15.65	15.67	15.56	16.70
5	QPSK	1	12	15.39	15.49	15.29	16.70
5	QPSK	1	24	15.30	15.41	15.33	16.70
5	QPSK	12	0	15.50	15.65	15.48	16.70
5	QPSK	12	7	15.37	15.44	15.23	16.70
5	QPSK	12	13	15.44	15.59	15.30	16.70
5	QPSK	25	0	15.35	15.52	15.42	16.70
5	16QAM	1	0	15.27	15.42	15.31	16.70
5	16QAM	1	12	15.53	15.46	15.34	16.70
5	16QAM	1	24	15.48	15.60	15.49	16.70
5	16QAM	12	0	15.29	15.44	15.22	16.70
5	16QAM	12	7	15.45	15.62	15.36	16.70
5	16QAM	12	13	15.31	15.42	15.27	16.70
5	16QAM	25	0	15.30	15.48	15.25	16.70
5	64QAM	1	0	15.36	15.43	15.32	16.70
5	64QAM	1	12	15.63	15.58	15.46	16.70
5	64QAM	1	24	15.49	15.52	15.44	16.70
5	64QAM	12	0	15.44	15.62	15.38	16.70
5	64QAM	12	7	15.46	15.65	15.48	16.70
5	64QAM	12	13	15.58	15.65	15.44	16.70
5	64QAM	25	0	15.25	15.37	15.08	16.70
5	256QAM	1	0	15.40	15.63	15.44	16.70
5	256QAM	1	12	15.49	15.49	15.50	16.70
5	256QAM	1	24	15.44	15.40	15.22	16.70
5	256QAM	12	0	15.36	15.43	15.31	16.70
5	256QAM	12	7	15.47	15.56	15.38	16.70
5	256QAM	12	13	15.41	15.51	15.30	16.70
5	256QAM	25	0	15.51	15.61	15.29	16.70

【LTE Band 7_Ant 5_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	18.13	18.15	18.10	19.20
20	QPSK	1	49	17.99	18.12	18.02	19.20
20	QPSK	1	99	18.04	18.08	17.90	19.20
20	QPSK	50	0	18.02	18.11	18.02	19.20
20	QPSK	50	24	17.94	18.02	17.94	19.20
20	QPSK	50	50	17.89	18.04	17.94	19.20
20	QPSK	100	0	17.95	18.09	18.01	19.20
20	16QAM	1	0	17.89	18.05	17.90	19.20
20	16QAM	1	49	18.03	18.08	17.88	19.20
20	16QAM	1	99	18.00	18.08	17.96	19.20

20	16QAM	50	0	18.03	18.10	18.04	19.20
20	16QAM	50	24	17.95	18.12	17.92	19.20
20	16QAM	50	50	17.99	18.04	17.97	19.20
20	16QAM	100	0	17.99	18.07	17.93	19.20
20	64QAM	1	0	17.97	18.03	17.96	19.20
20	64QAM	1	49	17.90	18.04	17.94	19.20
20	64QAM	1	99	17.99	18.07	17.94	19.20
20	64QAM	50	0	17.97	18.02	17.94	19.20
20	64QAM	50	24	17.94	18.09	17.96	19.20
20	64QAM	50	50	18.05	18.16	17.96	19.20
20	64QAM	100	0	17.90	18.03	17.97	19.20
20	256QAM	1	0	18.09	18.16	18.05	19.20
20	256QAM	1	49	17.96	18.11	18.00	19.20
20	256QAM	1	99	17.94	18.08	17.99	19.20
20	256QAM	50	0	17.90	18.02	17.83	19.20
20	256QAM	50	24	18.11	18.15	17.95	19.20
20	256QAM	50	50	17.96	18.12	18.00	19.20
20	256QAM	100	0	18.00	18.04	17.91	19.20
Channel				20825	21100	21375	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	18.00	18.13	18.03	19.20
15	QPSK	1	37	17.93	18.07	17.97	19.20
15	QPSK	1	74	17.99	18.06	17.78	19.20
15	QPSK	36	0	17.94	18.01	17.94	19.20
15	QPSK	36	20	17.80	17.97	17.80	19.20
15	QPSK	36	39	17.78	18.01	17.88	19.20
15	QPSK	75	0	17.87	18.05	17.91	19.20
15	16QAM	1	0	17.76	17.93	17.78	19.20
15	16QAM	1	37	17.96	17.97	17.76	19.20
15	16QAM	1	74	17.89	17.98	17.87	19.20
15	16QAM	36	0	18.02	18.01	17.94	19.20
15	16QAM	36	20	17.92	18.09	17.80	19.20
15	16QAM	36	39	17.95	18.01	17.85	19.20
15	16QAM	75	0	17.94	18.02	17.90	19.20
15	64QAM	1	0	17.88	18.01	17.86	19.20
15	64QAM	1	37	17.86	17.93	17.84	19.20
15	64QAM	1	74	17.93	17.92	17.83	19.20
15	64QAM	36	0	17.84	17.88	17.92	19.20
15	64QAM	36	20	17.87	18.07	17.83	19.20
15	64QAM	36	39	17.97	18.11	17.81	19.20
15	64QAM	75	0	17.76	17.89	17.91	19.20
15	256QAM	1	0	18.06	18.15	17.99	19.20
15	256QAM	1	37	17.85	18.06	17.97	19.20
15	256QAM	1	74	17.91	17.99	17.97	19.20
15	256QAM	36	0	17.80	18.00	17.73	19.20
15	256QAM	36	20	18.01	18.01	17.86	19.20
15	256QAM	36	39	17.85	18.07	17.97	19.20
15	256QAM	75	0	17.93	17.89	17.79	19.20
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	17.98	18.12	18.04	19.20
10	QPSK	1	25	17.92	18.03	17.89	19.20
10	QPSK	1	49	17.99	17.95	17.85	19.20
10	QPSK	25	0	17.98	18.08	17.90	19.20
10	QPSK	25	12	17.92	17.90	17.81	19.20
10	QPSK	25	25	17.75	17.89	17.85	19.20
10	QPSK	50	0	17.87	18.06	17.90	19.20
10	16QAM	1	0	17.80	17.92	17.85	19.20
10	16QAM	1	25	17.99	18.05	17.77	19.20
10	16QAM	1	49	17.88	17.99	17.84	19.20
10	16QAM	25	0	17.98	17.97	17.95	19.20
10	16QAM	25	12	17.87	17.99	17.84	19.20
10	16QAM	25	25	17.98	18.02	17.82	19.20
10	16QAM	50	0	17.92	17.96	17.83	19.20
10	64QAM	1	0	17.93	18.00	17.94	19.20
10	64QAM	1	25	17.81	17.90	17.87	19.20
10	64QAM	1	49	17.95	17.99	17.92	19.20
10	64QAM	25	0	17.85	17.96	17.82	19.20
10	64QAM	25	12	17.84	17.97	17.85	19.20
10	64QAM	25	25	17.94	18.05	17.88	19.20
10	64QAM	50	0	17.76	17.96	17.94	19.20
10	256QAM	1	0	17.95	18.12	17.98	19.20
10	256QAM	1	25	17.81	18.02	17.96	19.20
10	256QAM	1	49	17.85	17.99	17.91	19.20

10	256QAM	25	0	17.88	18.01	17.76	19.20
10	256QAM	25	12	18.06	18.00	17.93	19.20
10	256QAM	25	25	17.85	18.00	17.86	19.20
10	256QAM	50	0	17.95	17.92	17.86	19.20
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	18.02	18.11	18.06	19.20
5	QPSK	1	12	17.92	18.06	17.89	19.20
5	QPSK	1	24	17.90	17.98	17.76	19.20
5	QPSK	12	0	17.89	18.07	17.95	19.20
5	QPSK	12	7	17.83	17.98	17.83	19.20
5	QPSK	12	13	17.82	17.93	17.83	19.20
5	QPSK	25	0	17.80	18.05	17.91	19.20
5	16QAM	1	0	17.80	18.03	17.83	19.20
5	16QAM	1	12	17.88	17.94	17.73	19.20
5	16QAM	1	24	17.97	18.02	17.87	19.20
5	16QAM	12	0	17.98	18.05	17.99	19.20
5	16QAM	12	7	17.81	18.03	17.90	19.20
5	16QAM	12	13	17.93	17.95	17.93	19.20
5	16QAM	25	0	17.88	18.02	17.85	19.20
5	64QAM	1	0	17.83	17.99	17.90	19.20
5	64QAM	1	12	17.86	17.95	17.91	19.20
5	64QAM	1	24	17.96	18.01	17.84	19.20
5	64QAM	12	0	17.92	17.95	17.90	19.20
5	64QAM	12	7	17.90	18.07	17.93	19.20
5	64QAM	12	13	17.91	18.06	17.83	19.20
5	64QAM	25	0	17.78	17.98	17.88	19.20
5	256QAM	1	0	18.03	18.02	17.90	19.20
5	256QAM	1	12	17.87	17.96	17.87	19.20
5	256QAM	1	24	17.92	18.06	17.94	19.20
5	256QAM	12	0	17.89	17.91	17.73	19.20
5	256QAM	12	7	18.09	18.04	17.81	19.20
5	256QAM	12	13	17.93	18.07	17.90	19.20
5	256QAM	25	0	17.92	17.96	17.87	19.20

【LTE Band 7_Ant 5_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	23.13	23.22	23.20	24.20
20	QPSK	1	49	23.01	23.20	23.11	24.20
20	QPSK	1	99	23.04	23.16	23.02	24.20
20	QPSK	50	0	22.99	23.18	23.10	24.20
20	QPSK	50	24	22.90	23.13	22.99	24.20
20	QPSK	50	50	22.92	23.10	22.97	24.20
20	QPSK	100	0	22.82	23.04	22.92	24.20
20	16QAM	1	0	23.09	23.21	23.12	24.20
20	16QAM	1	49	22.76	22.98	22.82	24.20
20	16QAM	1	99	23.11	23.21	23.04	24.20
20	16QAM	50	0	22.66	22.82	22.70	23.70
20	16QAM	50	24	22.67	22.82	22.76	23.70
20	16QAM	50	50	22.46	22.61	22.51	23.70
20	16QAM	100	0	22.56	22.68	22.60	23.70
20	64QAM	1	0	22.38	22.61	22.50	23.70
20	64QAM	1	49	22.50	22.69	22.63	23.70
20	64QAM	1	99	22.56	22.73	22.68	23.70
20	64QAM	50	0	21.60	21.75	21.72	22.70
20	64QAM	50	24	21.60	21.73	21.68	22.70
20	64QAM	50	50	21.61	21.78	21.67	22.70
20	64QAM	100	0	21.40	21.63	21.47	22.70
20	256QAM	1	0	19.57	19.66	19.58	20.70
20	256QAM	1	49	19.64	19.82	19.68	20.70
20	256QAM	1	99	19.64	19.81	19.77	20.70
20	256QAM	50	0	19.61	19.72	19.60	20.70
20	256QAM	50	24	19.66	19.80	19.72	20.70
20	256QAM	50	50	19.46	19.62	19.59	20.70
20	256QAM	100	0	19.61	19.80	19.73	20.70
Channel				20825	21100	21375	Tune-up limit

Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	QPSK	1	0	23.04	23.18	23.12	24.20
15	QPSK	1	37	22.87	23.08	23.05	24.20
15	QPSK	1	74	22.94	23.11	22.97	24.20
15	QPSK	36	0	22.97	23.15	23.02	24.20
15	QPSK	36	20	22.83	23.07	22.84	24.20
15	QPSK	36	39	22.82	23.00	22.90	24.20
15	QPSK	75	0	22.69	22.97	22.81	24.20
15	16QAM	1	0	22.96	23.14	22.99	24.20
15	16QAM	1	37	22.68	22.88	22.74	24.20
15	16QAM	1	74	22.97	23.09	22.91	24.20
15	16QAM	36	0	22.54	22.74	22.58	23.70
15	16QAM	36	20	22.63	22.67	22.69	23.70
15	16QAM	36	39	22.41	22.47	22.50	23.70
15	16QAM	75	0	22.51	22.61	22.46	23.70
15	64QAM	1	0	22.37	22.60	22.44	23.70
15	64QAM	1	37	22.41	22.64	22.57	23.70
15	64QAM	1	74	22.43	22.70	22.64	23.70
15	64QAM	36	0	21.46	21.62	21.59	22.70
15	64QAM	36	20	21.54	21.59	21.60	22.70
15	64QAM	36	39	21.56	21.69	21.60	22.70
15	64QAM	75	0	21.33	21.59	21.37	22.70
15	256QAM	1	0	19.55	19.54	19.53	20.70
15	256QAM	1	37	19.57	19.68	19.58	20.70
15	256QAM	1	74	19.57	19.79	19.75	20.70
15	256QAM	36	0	19.52	19.66	19.54	20.70
15	256QAM	36	20	19.51	19.71	19.68	20.70
15	256QAM	36	39	19.35	19.48	19.45	20.70
15	256QAM	75	0	19.50	19.66	19.71	20.70
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	23.12	23.18	23.06	24.20
10	QPSK	1	25	22.91	23.08	22.98	24.20
10	QPSK	1	49	22.97	23.04	23.01	24.20
10	QPSK	25	0	22.97	23.05	23.01	24.20
10	QPSK	25	12	22.80	23.03	22.96	24.20
10	QPSK	25	25	22.88	23.01	22.96	24.20
10	QPSK	50	0	22.75	22.93	22.82	24.20
10	16QAM	1	0	23.00	23.09	22.97	24.20
10	16QAM	1	25	22.67	22.92	22.79	24.20
10	16QAM	1	49	23.01	23.10	22.93	24.20
10	16QAM	25	0	22.60	22.75	22.68	23.70
10	16QAM	25	12	22.60	22.68	22.64	23.70
10	16QAM	25	25	22.37	22.48	22.48	23.70
10	16QAM	50	0	22.44	22.57	22.57	23.70
10	64QAM	1	0	22.36	22.48	22.35	23.70
10	64QAM	1	25	22.37	22.57	22.56	23.70
10	64QAM	1	49	22.55	22.65	22.55	23.70
10	64QAM	25	0	21.52	21.74	21.61	22.70
10	64QAM	25	12	21.54	21.61	21.66	22.70
10	64QAM	25	25	21.55	21.64	21.59	22.70
10	64QAM	50	0	21.26	21.48	21.33	22.70
10	256QAM	1	0	19.49	19.64	19.49	20.70
10	256QAM	1	25	19.49	19.77	19.66	20.70
10	256QAM	1	49	19.54	19.74	19.73	20.70
10	256QAM	25	0	19.48	19.60	19.59	20.70
10	256QAM	25	12	19.52	19.77	19.62	20.70
10	256QAM	25	25	19.32	19.51	19.56	20.70
10	256QAM	50	0	19.52	19.67	19.69	20.70
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	22.99	23.09	23.17	24.20
5	QPSK	1	12	22.96	23.15	22.98	24.20
5	QPSK	1	24	22.89	23.10	22.90	24.20
5	QPSK	12	0	22.89	23.13	23.04	24.20
5	QPSK	12	7	22.86	23.01	22.95	24.20
5	QPSK	12	13	22.82	23.07	22.85	24.20
5	QPSK	25	0	22.79	22.89	22.82	24.20
5	16QAM	1	0	22.95	23.14	23.09	24.20
5	16QAM	1	12	22.67	22.89	22.70	24.20
5	16QAM	1	24	23.04	23.13	23.01	24.20
5	16QAM	12	0	22.57	22.73	22.61	23.70
5	16QAM	12	7	22.57	22.74	22.73	23.70
5	16QAM	12	13	22.40	22.58	22.37	23.70

5	16QAM	25	0	22.49	22.65	22.53	23.70
5	64QAM	1	0	22.34	22.49	22.46	23.70
5	64QAM	1	12	22.48	22.67	22.55	23.70
5	64QAM	1	24	22.44	22.62	22.64	23.70
5	64QAM	12	0	21.55	21.72	21.64	22.70
5	64QAM	12	7	21.53	21.66	21.65	22.70
5	64QAM	12	13	21.56	21.69	21.57	22.70
5	64QAM	25	0	21.38	21.61	21.45	22.70
5	256QAM	1	0	19.53	19.58	19.49	20.70
5	256QAM	1	12	19.60	19.80	19.63	20.70
5	256QAM	1	24	19.52	19.73	19.63	20.70
5	256QAM	12	0	19.48	19.66	19.55	20.70
5	256QAM	12	7	19.52	19.77	19.59	20.70
5	256QAM	12	13	19.31	19.50	19.54	20.70
5	256QAM	25	0	19.49	19.78	19.62	20.70

【LTE Band 7_Ant 5_DSI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	15.68	15.71	15.61	16.70
20	QPSK	1	49	15.45	15.62	15.42	16.70
20	QPSK	1	99	15.43	15.51	15.38	16.70
20	QPSK	50	0	15.64	15.70	15.54	16.70
20	QPSK	50	24	15.46	15.56	15.37	16.70
20	QPSK	50	50	15.56	15.60	15.35	16.70
20	QPSK	100	0	15.47	15.62	15.49	16.70
20	16QAM	1	0	15.39	15.50	15.35	16.70
20	16QAM	1	49	15.55	15.59	15.39	16.70
20	16QAM	1	99	15.54	15.71	15.51	16.70
20	16QAM	50	0	15.32	15.48	15.32	16.70
20	16QAM	50	24	15.52	15.67	15.51	16.70
20	16QAM	50	50	15.35	15.49	15.35	16.70
20	16QAM	100	0	15.34	15.50	15.29	16.70
20	64QAM	1	0	15.41	15.55	15.39	16.70
20	64QAM	1	49	15.64	15.71	15.48	16.70
20	64QAM	1	99	15.56	15.61	15.49	16.70
20	64QAM	50	0	15.46	15.64	15.43	16.70
20	64QAM	50	24	15.54	15.71	15.49	16.70
20	64QAM	50	50	15.63	15.71	15.51	16.70
20	64QAM	100	0	15.31	15.48	15.23	16.70
20	256QAM	1	0	15.53	15.68	15.51	16.70
20	256QAM	1	49	15.58	15.64	15.53	16.70
20	256QAM	1	99	15.47	15.53	15.33	16.70
20	256QAM	50	0	15.37	15.54	15.35	16.70
20	256QAM	50	24	15.51	15.67	15.49	16.70
20	256QAM	50	50	15.47	15.55	15.41	16.70
20	256QAM	100	0	15.59	15.64	15.41	16.70
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	15.66	15.68	15.55	16.70
15	QPSK	1	37	15.38	15.56	15.27	16.70
15	QPSK	1	74	15.35	15.38	15.32	16.70
15	QPSK	36	0	15.55	15.64	15.41	16.70
15	QPSK	36	20	15.38	15.55	15.28	16.70
15	QPSK	36	39	15.53	15.57	15.34	16.70
15	QPSK	75	0	15.36	15.56	15.45	16.70
15	16QAM	1	0	15.27	15.36	15.27	16.70
15	16QAM	1	37	15.47	15.49	15.31	16.70
15	16QAM	1	74	15.50	15.58	15.43	16.70
15	16QAM	36	0	15.29	15.43	15.30	16.70
15	16QAM	36	20	15.50	15.60	15.38	16.70
15	16QAM	36	39	15.27	15.41	15.27	16.70
15	16QAM	75	0	15.28	15.39	15.16	16.70
15	64QAM	1	0	15.34	15.47	15.24	16.70
15	64QAM	1	37	15.57	15.65	15.40	16.70
15	64QAM	1	74	15.52	15.47	15.42	16.70
15	64QAM	36	0	15.41	15.50	15.34	16.70

15	64QAM	36	20	15.45	15.57	15.46	16.70
15	64QAM	36	39	15.60	15.57	15.38	16.70
15	64QAM	75	0	15.16	15.43	15.19	16.70
15	256QAM	1	0	15.42	15.60	15.47	16.70
15	256QAM	1	37	15.55	15.53	15.51	16.70
15	256QAM	1	74	15.46	15.43	15.25	16.70
15	256QAM	36	0	15.25	15.41	15.32	16.70
15	256QAM	36	20	15.40	15.60	15.43	16.70
15	256QAM	36	39	15.42	15.42	15.30	16.70
15	256QAM	75	0	15.53	15.49	15.38	16.70
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	15.64	15.65	15.57	16.70
10	QPSK	1	25	15.36	15.50	15.28	16.70
10	QPSK	1	49	15.35	15.47	15.28	16.70
10	QPSK	25	0	15.53	15.56	15.51	16.70
10	QPSK	25	12	15.42	15.43	15.24	16.70
10	QPSK	25	25	15.47	15.56	15.32	16.70
10	QPSK	50	0	15.43	15.48	15.45	16.70
10	16QAM	1	0	15.28	15.36	15.22	16.70
10	16QAM	1	25	15.44	15.54	15.33	16.70
10	16QAM	1	49	15.53	15.66	15.49	16.70
10	16QAM	25	0	15.24	15.37	15.27	16.70
10	16QAM	25	12	15.38	15.60	15.48	16.70
10	16QAM	25	25	15.26	15.38	15.32	16.70
10	16QAM	50	0	15.28	15.43	15.14	16.70
10	64QAM	1	0	15.35	15.47	15.37	16.70
10	64QAM	1	25	15.63	15.63	15.44	16.70
10	64QAM	1	49	15.45	15.49	15.45	16.70
10	64QAM	25	0	15.33	15.54	15.41	16.70
10	64QAM	25	12	15.42	15.65	15.40	16.70
10	64QAM	25	25	15.56	15.62	15.44	16.70
10	64QAM	50	0	15.23	15.45	15.18	16.70
10	256QAM	1	0	15.47	15.59	15.39	16.70
10	256QAM	1	25	15.49	15.61	15.43	16.70
10	256QAM	1	49	15.37	15.38	15.30	16.70
10	256QAM	25	0	15.23	15.49	15.31	16.70
10	256QAM	25	12	15.46	15.58	15.45	16.70
10	256QAM	25	25	15.44	15.53	15.38	16.70
10	256QAM	50	0	15.54	15.49	15.26	16.70
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	15.65	15.67	15.56	16.70
5	QPSK	1	12	15.39	15.49	15.29	16.70
5	QPSK	1	24	15.30	15.41	15.33	16.70
5	QPSK	12	0	15.50	15.65	15.48	16.70
5	QPSK	12	7	15.37	15.44	15.23	16.70
5	QPSK	12	13	15.44	15.59	15.30	16.70
5	QPSK	25	0	15.35	15.52	15.42	16.70
5	16QAM	1	0	15.27	15.42	15.31	16.70
5	16QAM	1	12	15.53	15.46	15.34	16.70
5	16QAM	1	24	15.48	15.60	15.49	16.70
5	16QAM	12	0	15.29	15.44	15.22	16.70
5	16QAM	12	7	15.45	15.62	15.36	16.70
5	16QAM	12	13	15.31	15.42	15.27	16.70
5	16QAM	25	0	15.30	15.48	15.25	16.70
5	64QAM	1	0	15.36	15.43	15.32	16.70
5	64QAM	1	12	15.63	15.58	15.46	16.70
5	64QAM	1	24	15.49	15.52	15.44	16.70
5	64QAM	12	0	15.44	15.62	15.38	16.70
5	64QAM	12	7	15.46	15.65	15.48	16.70
5	64QAM	12	13	15.58	15.65	15.44	16.70
5	64QAM	25	0	15.25	15.37	15.08	16.70
5	256QAM	1	0	15.40	15.63	15.44	16.70
5	256QAM	1	12	15.49	15.49	15.50	16.70
5	256QAM	1	24	15.44	15.40	15.22	16.70
5	256QAM	12	0	15.36	15.43	15.31	16.70
5	256QAM	12	7	15.47	15.56	15.38	16.70
5	256QAM	12	13	15.41	15.51	15.30	16.70
5	256QAM	25	0	15.51	15.61	15.29	16.70

【LTE Band 7_Ant 6_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	24.45	24.66	24.49	25.50
20	QPSK	1	49	24.29	24.63	24.37	25.50
20	QPSK	1	99	24.30	24.61	24.34	25.50
20	QPSK	50	0	23.51	23.86	23.67	24.50
20	QPSK	50	24	23.35	23.58	23.30	24.50
20	QPSK	50	50	23.40	23.69	23.45	24.50
20	QPSK	100	0	23.61	23.90	23.59	24.50
20	16QAM	1	0	23.42	23.74	23.51	24.50
20	16QAM	1	49	23.79	24.13	23.90	24.50
20	16QAM	1	99	23.74	23.99	23.71	24.50
20	16QAM	50	0	22.50	22.78	22.51	23.50
20	16QAM	50	24	22.47	22.74	22.51	23.50
20	16QAM	50	50	22.62	22.95	22.69	23.50
20	16QAM	100	0	22.72	22.96	22.67	23.50
20	64QAM	1	0	22.65	22.94	22.74	23.50
20	64QAM	1	49	22.58	22.85	22.65	23.50
20	64QAM	1	99	22.73	23.03	22.79	23.50
20	64QAM	50	0	21.54	21.85	21.55	22.50
20	64QAM	50	24	21.60	21.84	21.68	22.50
20	64QAM	50	50	21.29	21.60	21.36	22.50
20	64QAM	100	0	21.44	21.66	21.38	22.50
20	256QAM	1	0	19.73	19.97	19.74	20.50
20	256QAM	1	49	19.84	20.11	19.91	20.50
20	256QAM	1	99	19.49	19.81	19.65	20.50
20	256QAM	50	0	19.69	20.00	19.71	20.50
20	256QAM	50	24	19.57	19.88	19.65	20.50
20	256QAM	50	50	19.30	19.49	19.34	20.50
20	256QAM	100	0	19.56	19.84	19.60	20.50
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	24.40	24.51	24.44	25.50
15	QPSK	1	37	24.21	24.61	24.27	25.50
15	QPSK	1	74	24.21	24.57	24.24	25.50
15	QPSK	36	0	23.41	23.74	23.59	24.50
15	QPSK	36	20	23.27	23.49	23.23	24.50
15	QPSK	36	39	23.29	23.59	23.43	24.50
15	QPSK	75	0	23.60	23.81	23.47	24.50
15	16QAM	1	0	23.32	23.68	23.49	24.50
15	16QAM	1	37	23.72	24.09	23.89	24.50
15	16QAM	1	74	23.66	23.90	23.68	24.50
15	16QAM	36	0	22.38	22.65	22.38	23.50
15	16QAM	36	20	22.35	22.65	22.38	23.50
15	16QAM	36	39	22.58	22.88	22.55	23.50
15	16QAM	75	0	22.58	22.90	22.61	23.50
15	64QAM	1	0	22.59	22.80	22.61	23.50
15	64QAM	1	37	22.53	22.73	22.59	23.50
15	64QAM	1	74	22.60	22.92	22.70	23.50
15	64QAM	36	0	21.39	21.72	21.40	22.50
15	64QAM	36	20	21.58	21.74	21.57	22.50
15	64QAM	36	39	21.18	21.49	21.26	22.50
15	64QAM	75	0	21.34	21.55	21.24	22.50
15	256QAM	1	0	19.61	19.93	19.63	20.50
15	256QAM	1	37	19.69	20.07	19.82	20.50
15	256QAM	1	74	19.34	19.71	19.60	20.50
15	256QAM	36	0	19.63	19.96	19.61	20.50
15	256QAM	36	20	19.53	19.76	19.54	20.50
15	256QAM	36	39	19.24	19.46	19.25	20.50
15	256QAM	75	0	19.50	19.73	19.49	20.50
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	24.43	24.52	24.44	25.50
10	QPSK	1	25	24.28	24.60	24.32	25.50
10	QPSK	1	49	24.18	24.52	24.24	25.50
10	QPSK	25	0	23.37	23.76	23.62	24.50
10	QPSK	25	12	23.25	23.56	23.18	24.50
10	QPSK	25	25	23.36	23.60	23.43	24.50
10	QPSK	50	0	23.56	23.83	23.57	24.50

10	16QAM	1	0	23.33	23.66	23.45	24.50
10	16QAM	1	25	23.69	24.01	23.82	24.50
10	16QAM	1	49	23.63	23.88	23.59	24.50
10	16QAM	25	0	22.44	22.68	22.41	23.50
10	16QAM	25	12	22.34	22.73	22.37	23.50
10	16QAM	25	25	22.60	22.84	22.54	23.50
10	16QAM	50	0	22.59	22.85	22.56	23.50
10	64QAM	1	0	22.56	22.88	22.69	23.50
10	64QAM	1	25	22.55	22.75	22.58	23.50
10	64QAM	1	49	22.69	22.90	22.72	23.50
10	64QAM	25	0	21.40	21.75	21.45	22.50
10	64QAM	25	12	21.51	21.79	21.65	22.50
10	64QAM	25	25	21.20	21.45	21.27	22.50
10	64QAM	50	0	21.30	21.57	21.29	22.50
10	256QAM	1	0	19.70	19.86	19.72	20.50
10	256QAM	1	25	19.78	19.97	19.81	20.50
10	256QAM	1	49	19.41	19.69	19.51	20.50
10	256QAM	25	0	19.67	19.90	19.66	20.50
10	256QAM	25	12	19.45	19.77	19.53	20.50
10	256QAM	25	25	19.28	19.48	19.24	20.50
10	256QAM	50	0	19.42	19.73	19.56	20.50
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	24.33	24.65	24.36	25.50
5	QPSK	1	12	24.16	24.52	24.22	25.50
5	QPSK	1	24	24.26	24.46	24.21	25.50
5	QPSK	12	0	23.39	23.85	23.59	24.50
5	QPSK	12	7	23.20	23.50	23.16	24.50
5	QPSK	12	13	23.34	23.56	23.30	24.50
5	QPSK	25	0	23.56	23.75	23.46	24.50
5	16QAM	1	0	23.39	23.71	23.49	24.50
5	16QAM	1	12	23.71	24.03	23.78	24.50
5	16QAM	1	24	23.69	23.91	23.60	24.50
5	16QAM	12	0	22.40	22.64	22.39	23.50
5	16QAM	12	7	22.42	22.67	22.40	23.50
5	16QAM	12	13	22.55	22.91	22.64	23.50
5	16QAM	25	0	22.60	22.85	22.63	23.50
5	64QAM	1	0	22.64	22.92	22.65	23.50
5	64QAM	1	12	22.49	22.78	22.51	23.50
5	64QAM	1	24	22.59	22.91	22.73	23.50
5	64QAM	12	0	21.46	21.77	21.44	22.50
5	64QAM	12	7	21.49	21.76	21.66	22.50
5	64QAM	12	13	21.27	21.45	21.29	22.50
5	64QAM	25	0	21.35	21.63	21.37	22.50
5	256QAM	1	0	19.62	19.87	19.65	20.50
5	256QAM	1	12	19.74	19.98	19.87	20.50
5	256QAM	1	24	19.34	19.79	19.56	20.50
5	256QAM	12	0	19.59	19.89	19.56	20.50
5	256QAM	12	7	19.44	19.83	19.56	20.50
5	256QAM	12	13	19.16	19.45	19.33	20.50
5	256QAM	25	0	19.52	19.83	19.47	20.50

【LTE Band 7_Ant 6_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	24.45	24.66	24.49	25.50
20	QPSK	1	49	24.29	24.63	24.37	25.50
20	QPSK	1	99	24.30	24.61	24.34	25.50
20	QPSK	50	0	23.51	23.86	23.67	24.50
20	QPSK	50	24	23.35	23.58	23.30	24.50
20	QPSK	50	50	23.40	23.69	23.45	24.50
20	QPSK	100	0	23.61	23.90	23.59	24.50
20	16QAM	1	0	23.42	23.74	23.51	24.50
20	16QAM	1	49	23.79	24.13	23.90	24.50
20	16QAM	1	99	23.74	23.99	23.71	24.50
20	16QAM	50	0	22.50	22.78	22.51	23.50
20	16QAM	50	24	22.47	22.74	22.51	23.50

20	16QAM	50	50	22.62	22.95	22.69	23.50
20	16QAM	100	0	22.72	22.96	22.67	23.50
20	64QAM	1	0	22.65	22.94	22.74	23.50
20	64QAM	1	49	22.58	22.85	22.65	23.50
20	64QAM	1	99	22.73	23.03	22.79	23.50
20	64QAM	50	0	21.54	21.85	21.55	22.50
20	64QAM	50	24	21.60	21.84	21.68	22.50
20	64QAM	50	50	21.29	21.60	21.36	22.50
20	64QAM	100	0	21.44	21.66	21.38	22.50
20	256QAM	1	0	19.73	19.97	19.74	20.50
20	256QAM	1	49	19.84	20.11	19.91	20.50
20	256QAM	1	99	19.49	19.81	19.65	20.50
20	256QAM	50	0	19.69	20.00	19.71	20.50
20	256QAM	50	24	19.57	19.88	19.65	20.50
20	256QAM	50	50	19.30	19.49	19.34	20.50
20	256QAM	100	0	19.56	19.84	19.60	20.50
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	24.40	24.51	24.44	25.50
15	QPSK	1	37	24.21	24.61	24.27	25.50
15	QPSK	1	74	24.21	24.57	24.24	25.50
15	QPSK	36	0	23.41	23.74	23.59	24.50
15	QPSK	36	20	23.27	23.49	23.23	24.50
15	QPSK	36	39	23.29	23.59	23.43	24.50
15	QPSK	75	0	23.60	23.81	23.47	24.50
15	16QAM	1	0	23.32	23.68	23.49	24.50
15	16QAM	1	37	23.72	24.09	23.89	24.50
15	16QAM	1	74	23.66	23.90	23.68	24.50
15	16QAM	36	0	22.38	22.65	22.38	23.50
15	16QAM	36	20	22.35	22.65	22.38	23.50
15	16QAM	36	39	22.58	22.88	22.55	23.50
15	16QAM	75	0	22.58	22.90	22.61	23.50
15	64QAM	1	0	22.59	22.80	22.61	23.50
15	64QAM	1	37	22.53	22.73	22.59	23.50
15	64QAM	1	74	22.60	22.92	22.70	23.50
15	64QAM	36	0	21.39	21.72	21.40	22.50
15	64QAM	36	20	21.58	21.74	21.57	22.50
15	64QAM	36	39	21.18	21.49	21.26	22.50
15	64QAM	75	0	21.34	21.55	21.24	22.50
15	256QAM	1	0	19.61	19.93	19.63	20.50
15	256QAM	1	37	19.69	20.07	19.82	20.50
15	256QAM	1	74	19.34	19.71	19.60	20.50
15	256QAM	36	0	19.63	19.96	19.61	20.50
15	256QAM	36	20	19.53	19.76	19.54	20.50
15	256QAM	36	39	19.24	19.46	19.25	20.50
15	256QAM	75	0	19.50	19.73	19.49	20.50
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	24.43	24.52	24.44	25.50
10	QPSK	1	25	24.28	24.60	24.32	25.50
10	QPSK	1	49	24.18	24.52	24.24	25.50
10	QPSK	25	0	23.37	23.76	23.62	24.50
10	QPSK	25	12	23.25	23.56	23.18	24.50
10	QPSK	25	25	23.36	23.60	23.43	24.50
10	QPSK	50	0	23.56	23.83	23.57	24.50
10	16QAM	1	0	23.33	23.66	23.45	24.50
10	16QAM	1	25	23.69	24.01	23.82	24.50
10	16QAM	1	49	23.63	23.88	23.59	24.50
10	16QAM	25	0	22.44	22.68	22.41	23.50
10	16QAM	25	12	22.34	22.73	22.37	23.50
10	16QAM	25	25	22.60	22.84	22.54	23.50
10	16QAM	50	0	22.59	22.85	22.56	23.50
10	64QAM	1	0	22.56	22.88	22.69	23.50
10	64QAM	1	25	22.55	22.75	22.58	23.50
10	64QAM	1	49	22.69	22.90	22.72	23.50
10	64QAM	25	0	21.40	21.75	21.45	22.50
10	64QAM	25	12	21.51	21.79	21.65	22.50
10	64QAM	25	25	21.20	21.45	21.27	22.50
10	64QAM	50	0	21.30	21.57	21.29	22.50
10	256QAM	1	0	19.70	19.86	19.72	20.50
10	256QAM	1	25	19.78	19.97	19.81	20.50
10	256QAM	1	49	19.41	19.69	19.51	20.50
10	256QAM	25	0	19.67	19.90	19.66	20.50
10	256QAM	25	12	19.45	19.77	19.53	20.50

10	256QAM	25	25	19.28	19.48	19.24	20.50
10	256QAM	50	0	19.42	19.73	19.56	20.50
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	24.33	24.65	24.36	25.50
5	QPSK	1	12	24.16	24.52	24.22	25.50
5	QPSK	1	24	24.26	24.46	24.21	25.50
5	QPSK	12	0	23.39	23.85	23.59	24.50
5	QPSK	12	7	23.20	23.50	23.16	24.50
5	QPSK	12	13	23.34	23.56	23.30	24.50
5	QPSK	25	0	23.56	23.75	23.46	24.50
5	16QAM	1	0	23.39	23.71	23.49	24.50
5	16QAM	1	12	23.71	24.03	23.78	24.50
5	16QAM	1	24	23.69	23.91	23.60	24.50
5	16QAM	12	0	22.40	22.64	22.39	23.50
5	16QAM	12	7	22.42	22.67	22.40	23.50
5	16QAM	12	13	22.55	22.91	22.64	23.50
5	16QAM	25	0	22.60	22.85	22.63	23.50
5	64QAM	1	0	22.64	22.92	22.65	23.50
5	64QAM	1	12	22.49	22.78	22.51	23.50
5	64QAM	1	24	22.59	22.91	22.73	23.50
5	64QAM	12	0	21.46	21.77	21.44	22.50
5	64QAM	12	7	21.49	21.76	21.66	22.50
5	64QAM	12	13	21.27	21.45	21.29	22.50
5	64QAM	25	0	21.35	21.63	21.37	22.50
5	256QAM	1	0	19.62	19.87	19.65	20.50
5	256QAM	1	12	19.74	19.98	19.87	20.50
5	256QAM	1	24	19.34	19.79	19.56	20.50
5	256QAM	12	0	19.59	19.89	19.56	20.50
5	256QAM	12	7	19.44	19.83	19.56	20.50
5	256QAM	12	13	19.16	19.45	19.33	20.50
5	256QAM	25	0	19.52	19.83	19.47	20.50

【LTE Band 7_Ant 6_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	18.91	18.95	18.93	20.00
20	QPSK	1	49	18.86	18.94	18.82	20.00
20	QPSK	1	99	18.72	18.89	18.85	20.00
20	QPSK	50	0	18.69	18.87	18.76	20.00
20	QPSK	50	24	18.63	18.75	18.72	20.00
20	QPSK	50	50	18.61	18.80	18.63	20.00
20	QPSK	100	0	18.83	18.91	18.76	20.00
20	16QAM	1	0	18.75	18.81	18.70	20.00
20	16QAM	1	49	18.76	18.86	18.78	20.00
20	16QAM	1	99	18.66	18.74	18.70	20.00
20	16QAM	50	0	18.70	18.75	18.62	20.00
20	16QAM	50	24	18.72	18.85	18.79	20.00
20	16QAM	50	50	18.77	18.86	18.74	20.00
20	16QAM	100	0	18.74	18.81	18.73	20.00
20	64QAM	1	0	18.68	18.83	18.68	20.00
20	64QAM	1	49	18.59	18.75	18.59	20.00
20	64QAM	1	99	18.64	18.80	18.64	20.00
20	64QAM	50	0	18.65	18.82	18.71	20.00
20	64QAM	50	24	18.62	18.76	18.62	20.00
20	64QAM	50	50	18.81	18.88	18.84	20.00
20	64QAM	100	0	18.80	18.90	18.78	20.00
20	256QAM	1	0	18.69	18.78	18.75	20.00
20	256QAM	1	49	18.73	18.90	18.86	20.00
20	256QAM	1	99	18.81	18.90	18.78	20.00
20	256QAM	50	0	18.67	18.80	18.75	20.00
20	256QAM	50	24	18.75	18.88	18.74	20.00
20	256QAM	50	50	18.77	18.84	18.76	20.00
20	256QAM	100	0	18.70	18.85	18.80	20.00
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	18.77	18.89	18.89	20.00

15	QPSK	1	37	18.85	18.84	18.71	20.00
15	QPSK	1	74	18.60	18.76	18.79	20.00
15	QPSK	36	0	18.65	18.83	18.69	20.00
15	QPSK	36	20	18.62	18.66	18.63	20.00
15	QPSK	36	39	18.59	18.72	18.57	20.00
15	QPSK	75	0	18.69	18.79	18.69	20.00
15	16QAM	1	0	18.63	18.71	18.66	20.00
15	16QAM	1	37	18.74	18.73	18.68	20.00
15	16QAM	1	74	18.64	18.64	18.55	20.00
15	16QAM	36	0	18.64	18.69	18.49	20.00
15	16QAM	36	20	18.65	18.71	18.70	20.00
15	16QAM	36	39	18.73	18.72	18.68	20.00
15	16QAM	75	0	18.61	18.72	18.68	20.00
15	64QAM	1	0	18.57	18.73	18.56	20.00
15	64QAM	1	37	18.57	18.73	18.48	20.00
15	64QAM	1	74	18.59	18.67	18.59	20.00
15	64QAM	36	0	18.55	18.76	18.63	20.00
15	64QAM	36	20	18.52	18.70	18.49	20.00
15	64QAM	36	39	18.73	18.78	18.78	20.00
15	64QAM	75	0	18.69	18.75	18.67	20.00
15	256QAM	1	0	18.60	18.66	18.62	20.00
15	256QAM	1	37	18.69	18.78	18.77	20.00
15	256QAM	1	74	18.71	18.84	18.66	20.00
15	256QAM	36	0	18.61	18.72	18.68	20.00
15	256QAM	36	20	18.63	18.85	18.60	20.00
15	256QAM	36	39	18.75	18.74	18.65	20.00
15	256QAM	75	0	18.65	18.78	18.66	20.00
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	18.88	18.87	18.83	20.00
10	QPSK	1	25	18.76	18.84	18.68	20.00
10	QPSK	1	49	18.66	18.82	18.80	20.00
10	QPSK	25	0	18.62	18.79	18.67	20.00
10	QPSK	25	12	18.61	18.61	18.58	20.00
10	QPSK	25	25	18.57	18.68	18.49	20.00
10	QPSK	50	0	18.79	18.88	18.69	20.00
10	16QAM	1	0	18.68	18.67	18.69	20.00
10	16QAM	1	25	18.63	18.76	18.76	20.00
10	16QAM	1	49	18.60	18.68	18.64	20.00
10	16QAM	25	0	18.61	18.69	18.48	20.00
10	16QAM	25	12	18.66	18.80	18.69	20.00
10	16QAM	25	25	18.65	18.83	18.60	20.00
10	16QAM	50	0	18.59	18.73	18.70	20.00
10	64QAM	1	0	18.58	18.79	18.63	20.00
10	64QAM	1	25	18.52	18.71	18.54	20.00
10	64QAM	1	49	18.51	18.76	18.51	20.00
10	64QAM	25	0	18.50	18.70	18.64	20.00
10	64QAM	25	12	18.54	18.62	18.47	20.00
10	64QAM	25	25	18.76	18.74	18.70	20.00
10	64QAM	50	0	18.73	18.88	18.65	20.00
10	256QAM	1	0	18.58	18.63	18.72	20.00
10	256QAM	1	25	18.60	18.79	18.81	20.00
10	256QAM	1	49	18.77	18.75	18.72	20.00
10	256QAM	25	0	18.63	18.77	18.60	20.00
10	256QAM	25	12	18.66	18.81	18.62	20.00
10	256QAM	25	25	18.74	18.77	18.69	20.00
10	256QAM	50	0	18.65	18.76	18.67	20.00
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	18.78	18.86	18.80	20.00
5	QPSK	1	12	18.78	18.82	18.73	20.00
5	QPSK	1	24	18.62	18.76	18.76	20.00
5	QPSK	12	0	18.64	18.85	18.74	20.00
5	QPSK	12	7	18.54	18.65	18.66	20.00
5	QPSK	12	13	18.55	18.76	18.51	20.00
5	QPSK	25	0	18.76	18.77	18.75	20.00
5	16QAM	1	0	18.69	18.71	18.55	20.00
5	16QAM	1	12	18.64	18.84	18.69	20.00
5	16QAM	1	24	18.51	18.72	18.65	20.00
5	16QAM	12	0	18.57	18.64	18.55	20.00
5	16QAM	12	7	18.63	18.83	18.69	20.00
5	16QAM	12	13	18.65	18.80	18.68	20.00
5	16QAM	25	0	18.66	18.79	18.70	20.00
5	64QAM	1	0	18.55	18.70	18.65	20.00

5	64QAM	1	12	18.44	18.65	18.45	20.00
5	64QAM	1	24	18.62	18.76	18.56	20.00
5	64QAM	12	0	18.58	18.70	18.65	20.00
5	64QAM	12	7	18.49	18.61	18.53	20.00
5	64QAM	12	13	18.71	18.86	18.76	20.00
5	64QAM	25	0	18.67	18.80	18.75	20.00
5	256QAM	1	0	18.57	18.74	18.71	20.00
5	256QAM	1	12	18.66	18.78	18.81	20.00
5	256QAM	1	24	18.79	18.80	18.69	20.00
5	256QAM	12	0	18.55	18.79	18.71	20.00
5	256QAM	12	7	18.73	18.77	18.62	20.00
5	256QAM	12	13	18.74	18.70	18.71	20.00
5	256QAM	25	0	18.58	18.79	18.70	20.00

【LTE Band 7_Ant 6_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	18.91	18.95	18.93	20.00
20	QPSK	1	49	18.86	18.94	18.82	20.00
20	QPSK	1	99	18.72	18.89	18.85	20.00
20	QPSK	50	0	18.69	18.87	18.76	20.00
20	QPSK	50	24	18.63	18.75	18.72	20.00
20	QPSK	50	50	18.61	18.80	18.63	20.00
20	QPSK	100	0	18.83	18.91	18.76	20.00
20	16QAM	1	0	18.75	18.81	18.70	20.00
20	16QAM	1	49	18.76	18.86	18.78	20.00
20	16QAM	1	99	18.66	18.74	18.70	20.00
20	16QAM	50	0	18.70	18.75	18.62	20.00
20	16QAM	50	24	18.72	18.85	18.79	20.00
20	16QAM	50	50	18.77	18.86	18.74	20.00
20	16QAM	100	0	18.74	18.81	18.73	20.00
20	64QAM	1	0	18.68	18.83	18.68	20.00
20	64QAM	1	49	18.59	18.75	18.59	20.00
20	64QAM	1	99	18.64	18.80	18.64	20.00
20	64QAM	50	0	18.65	18.82	18.71	20.00
20	64QAM	50	24	18.62	18.76	18.62	20.00
20	64QAM	50	50	18.81	18.88	18.84	20.00
20	64QAM	100	0	18.80	18.90	18.78	20.00
20	256QAM	1	0	18.69	18.78	18.75	20.00
20	256QAM	1	49	18.73	18.90	18.86	20.00
20	256QAM	1	99	18.81	18.90	18.78	20.00
20	256QAM	50	0	18.67	18.80	18.75	20.00
20	256QAM	50	24	18.75	18.88	18.74	20.00
20	256QAM	50	50	18.77	18.84	18.76	20.00
20	256QAM	100	0	18.70	18.85	18.80	20.00
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	18.77	18.89	18.89	20.00
15	QPSK	1	37	18.85	18.84	18.71	20.00
15	QPSK	1	74	18.60	18.76	18.79	20.00
15	QPSK	36	0	18.65	18.83	18.69	20.00
15	QPSK	36	20	18.62	18.66	18.63	20.00
15	QPSK	36	39	18.59	18.72	18.57	20.00
15	QPSK	75	0	18.69	18.79	18.69	20.00
15	16QAM	1	0	18.63	18.71	18.66	20.00
15	16QAM	1	37	18.74	18.73	18.68	20.00
15	16QAM	1	74	18.64	18.64	18.55	20.00
15	16QAM	36	0	18.64	18.69	18.49	20.00
15	16QAM	36	20	18.65	18.71	18.70	20.00
15	16QAM	36	39	18.73	18.72	18.68	20.00
15	16QAM	75	0	18.61	18.72	18.68	20.00
15	64QAM	1	0	18.57	18.73	18.56	20.00
15	64QAM	1	37	18.57	18.73	18.48	20.00
15	64QAM	1	74	18.59	18.67	18.59	20.00
15	64QAM	36	0	18.55	18.76	18.63	20.00
15	64QAM	36	20	18.52	18.70	18.49	20.00
15	64QAM	36	39	18.73	18.78	18.78	20.00

15	64QAM	75	0	18.69	18.75	18.67	20.00
15	256QAM	1	0	18.60	18.66	18.62	20.00
15	256QAM	1	37	18.69	18.78	18.77	20.00
15	256QAM	1	74	18.71	18.84	18.66	20.00
15	256QAM	36	0	18.61	18.72	18.68	20.00
15	256QAM	36	20	18.63	18.85	18.60	20.00
15	256QAM	36	39	18.75	18.74	18.65	20.00
15	256QAM	75	0	18.65	18.78	18.66	20.00
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	18.88	18.87	18.83	20.00
10	QPSK	1	25	18.76	18.84	18.68	20.00
10	QPSK	1	49	18.66	18.82	18.80	20.00
10	QPSK	25	0	18.62	18.79	18.67	20.00
10	QPSK	25	12	18.61	18.61	18.58	20.00
10	QPSK	25	25	18.57	18.68	18.49	20.00
10	QPSK	50	0	18.79	18.88	18.69	20.00
10	16QAM	1	0	18.68	18.67	18.69	20.00
10	16QAM	1	25	18.63	18.76	18.76	20.00
10	16QAM	1	49	18.60	18.68	18.64	20.00
10	16QAM	25	0	18.61	18.69	18.48	20.00
10	16QAM	25	12	18.66	18.80	18.69	20.00
10	16QAM	25	25	18.65	18.83	18.60	20.00
10	16QAM	50	0	18.59	18.73	18.70	20.00
10	64QAM	1	0	18.58	18.79	18.63	20.00
10	64QAM	1	25	18.52	18.71	18.54	20.00
10	64QAM	1	49	18.51	18.76	18.51	20.00
10	64QAM	25	0	18.50	18.70	18.64	20.00
10	64QAM	25	12	18.54	18.62	18.47	20.00
10	64QAM	25	25	18.76	18.74	18.70	20.00
10	64QAM	50	0	18.73	18.88	18.65	20.00
10	256QAM	1	0	18.58	18.63	18.72	20.00
10	256QAM	1	25	18.60	18.79	18.81	20.00
10	256QAM	1	49	18.77	18.75	18.72	20.00
10	256QAM	25	0	18.63	18.77	18.60	20.00
10	256QAM	25	12	18.66	18.81	18.62	20.00
10	256QAM	25	25	18.74	18.77	18.69	20.00
10	256QAM	50	0	18.65	18.76	18.67	20.00
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	18.78	18.86	18.80	20.00
5	QPSK	1	12	18.78	18.82	18.73	20.00
5	QPSK	1	24	18.62	18.76	18.76	20.00
5	QPSK	12	0	18.64	18.85	18.74	20.00
5	QPSK	12	7	18.54	18.65	18.66	20.00
5	QPSK	12	13	18.55	18.76	18.51	20.00
5	QPSK	25	0	18.76	18.77	18.75	20.00
5	16QAM	1	0	18.69	18.71	18.55	20.00
5	16QAM	1	12	18.64	18.84	18.69	20.00
5	16QAM	1	24	18.51	18.72	18.65	20.00
5	16QAM	12	0	18.57	18.64	18.55	20.00
5	16QAM	12	7	18.63	18.83	18.69	20.00
5	16QAM	12	13	18.65	18.80	18.68	20.00
5	16QAM	25	0	18.66	18.79	18.70	20.00
5	64QAM	1	0	18.55	18.70	18.65	20.00
5	64QAM	1	12	18.44	18.65	18.45	20.00
5	64QAM	1	24	18.62	18.76	18.56	20.00
5	64QAM	12	0	18.58	18.70	18.65	20.00
5	64QAM	12	7	18.49	18.61	18.53	20.00
5	64QAM	12	13	18.71	18.86	18.76	20.00
5	64QAM	25	0	18.67	18.80	18.75	20.00
5	256QAM	1	0	18.57	18.74	18.71	20.00
5	256QAM	1	12	18.66	18.78	18.81	20.00
5	256QAM	1	24	18.79	18.80	18.69	20.00
5	256QAM	12	0	18.55	18.79	18.71	20.00
5	256QAM	12	7	18.73	18.77	18.62	20.00
5	256QAM	12	13	18.74	18.70	18.71	20.00
5	256QAM	25	0	18.58	18.79	18.70	20.00

【LTE Band 7_Ant 6_DSI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	18.91	18.95	18.93	20.00
20	QPSK	1	49	18.86	18.94	18.82	20.00
20	QPSK	1	99	18.72	18.89	18.85	20.00
20	QPSK	50	0	18.69	18.87	18.76	20.00
20	QPSK	50	24	18.63	18.75	18.72	20.00
20	QPSK	50	50	18.61	18.80	18.63	20.00
20	QPSK	100	0	18.83	18.91	18.76	20.00
20	16QAM	1	0	18.75	18.81	18.70	20.00
20	16QAM	1	49	18.76	18.86	18.78	20.00
20	16QAM	1	99	18.66	18.74	18.70	20.00
20	16QAM	50	0	18.70	18.75	18.62	20.00
20	16QAM	50	24	18.72	18.85	18.79	20.00
20	16QAM	50	50	18.77	18.86	18.74	20.00
20	16QAM	100	0	18.74	18.81	18.73	20.00
20	64QAM	1	0	18.68	18.83	18.68	20.00
20	64QAM	1	49	18.59	18.75	18.59	20.00
20	64QAM	1	99	18.64	18.80	18.64	20.00
20	64QAM	50	0	18.65	18.82	18.71	20.00
20	64QAM	50	24	18.62	18.76	18.62	20.00
20	64QAM	50	50	18.81	18.88	18.84	20.00
20	64QAM	100	0	18.80	18.90	18.78	20.00
20	256QAM	1	0	18.69	18.78	18.75	20.00
20	256QAM	1	49	18.73	18.90	18.86	20.00
20	256QAM	1	99	18.81	18.90	18.78	20.00
20	256QAM	50	0	18.67	18.80	18.75	20.00
20	256QAM	50	24	18.75	18.88	18.74	20.00
20	256QAM	50	50	18.77	18.84	18.76	20.00
20	256QAM	100	0	18.70	18.85	18.80	20.00
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	18.77	18.89	18.89	20.00
15	QPSK	1	37	18.85	18.84	18.71	20.00
15	QPSK	1	74	18.60	18.76	18.79	20.00
15	QPSK	36	0	18.65	18.83	18.69	20.00
15	QPSK	36	20	18.62	18.66	18.63	20.00
15	QPSK	36	39	18.59	18.72	18.57	20.00
15	QPSK	75	0	18.69	18.79	18.69	20.00
15	16QAM	1	0	18.63	18.71	18.66	20.00
15	16QAM	1	37	18.74	18.73	18.68	20.00
15	16QAM	1	74	18.64	18.64	18.55	20.00
15	16QAM	36	0	18.64	18.69	18.49	20.00
15	16QAM	36	20	18.65	18.71	18.70	20.00
15	16QAM	36	39	18.73	18.72	18.68	20.00
15	16QAM	75	0	18.61	18.72	18.68	20.00
15	64QAM	1	0	18.57	18.73	18.56	20.00
15	64QAM	1	37	18.57	18.73	18.48	20.00
15	64QAM	1	74	18.59	18.67	18.59	20.00
15	64QAM	36	0	18.55	18.76	18.63	20.00
15	64QAM	36	20	18.52	18.70	18.49	20.00
15	64QAM	36	39	18.73	18.78	18.78	20.00
15	64QAM	75	0	18.69	18.75	18.67	20.00
15	256QAM	1	0	18.60	18.66	18.62	20.00
15	256QAM	1	37	18.69	18.78	18.77	20.00
15	256QAM	1	74	18.71	18.84	18.66	20.00
15	256QAM	36	0	18.61	18.72	18.68	20.00
15	256QAM	36	20	18.63	18.85	18.60	20.00
15	256QAM	36	39	18.75	18.74	18.65	20.00
15	256QAM	75	0	18.65	18.78	18.66	20.00
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	18.88	18.87	18.83	20.00
10	QPSK	1	25	18.76	18.84	18.68	20.00
10	QPSK	1	49	18.66	18.82	18.80	20.00
10	QPSK	25	0	18.62	18.79	18.67	20.00
10	QPSK	25	12	18.61	18.61	18.58	20.00
10	QPSK	25	25	18.57	18.68	18.49	20.00

10	QPSK	50	0	18.79	18.88	18.69	20.00
10	16QAM	1	0	18.68	18.67	18.69	20.00
10	16QAM	1	25	18.63	18.76	18.76	20.00
10	16QAM	1	49	18.60	18.68	18.64	20.00
10	16QAM	25	0	18.61	18.69	18.48	20.00
10	16QAM	25	12	18.66	18.80	18.69	20.00
10	16QAM	25	25	18.65	18.83	18.60	20.00
10	16QAM	50	0	18.59	18.73	18.70	20.00
10	64QAM	1	0	18.58	18.79	18.63	20.00
10	64QAM	1	25	18.52	18.71	18.54	20.00
10	64QAM	1	49	18.51	18.76	18.51	20.00
10	64QAM	25	0	18.50	18.70	18.64	20.00
10	64QAM	25	12	18.54	18.62	18.47	20.00
10	64QAM	25	25	18.76	18.74	18.70	20.00
10	64QAM	50	0	18.73	18.88	18.65	20.00
10	256QAM	1	0	18.58	18.63	18.72	20.00
10	256QAM	1	25	18.60	18.79	18.81	20.00
10	256QAM	1	49	18.77	18.75	18.72	20.00
10	256QAM	25	0	18.63	18.77	18.60	20.00
10	256QAM	25	12	18.66	18.81	18.62	20.00
10	256QAM	25	25	18.74	18.77	18.69	20.00
10	256QAM	50	0	18.65	18.76	18.67	20.00
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	18.78	18.86	18.80	20.00
5	QPSK	1	12	18.78	18.82	18.73	20.00
5	QPSK	1	24	18.62	18.76	18.76	20.00
5	QPSK	12	0	18.64	18.85	18.74	20.00
5	QPSK	12	7	18.54	18.65	18.66	20.00
5	QPSK	12	13	18.55	18.76	18.51	20.00
5	QPSK	25	0	18.76	18.77	18.75	20.00
5	16QAM	1	0	18.69	18.71	18.55	20.00
5	16QAM	1	12	18.64	18.84	18.69	20.00
5	16QAM	1	24	18.51	18.72	18.65	20.00
5	16QAM	12	0	18.57	18.64	18.55	20.00
5	16QAM	12	7	18.63	18.83	18.69	20.00
5	16QAM	12	13	18.65	18.80	18.68	20.00
5	16QAM	25	0	18.66	18.79	18.70	20.00
5	64QAM	1	0	18.55	18.70	18.65	20.00
5	64QAM	1	12	18.44	18.65	18.45	20.00
5	64QAM	1	24	18.62	18.76	18.56	20.00
5	64QAM	12	0	18.58	18.70	18.65	20.00
5	64QAM	12	7	18.49	18.61	18.53	20.00
5	64QAM	12	13	18.71	18.86	18.76	20.00
5	64QAM	25	0	18.67	18.80	18.75	20.00
5	256QAM	1	0	18.57	18.74	18.71	20.00
5	256QAM	1	12	18.66	18.78	18.81	20.00
5	256QAM	1	24	18.79	18.80	18.69	20.00
5	256QAM	12	0	18.55	18.79	18.71	20.00
5	256QAM	12	7	18.73	18.77	18.62	20.00
5	256QAM	12	13	18.74	18.70	18.71	20.00
5	256QAM	25	0	18.58	18.79	18.70	20.00

【LTE Band 7_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				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	24.47	24.52	24.35	25.50
20	QPSK	1	49	24.39	24.50	24.24	25.50
20	QPSK	1	99	24.38	24.44	24.19	25.50
20	QPSK	50	0	23.86	23.98	23.77	24.50
20	QPSK	50	24	23.83	23.91	23.67	24.50
20	QPSK	50	50	23.46	23.65	23.42	24.50
20	QPSK	100	0	23.79	23.97	23.73	24.50
20	16QAM	1	0	23.89	24.05	23.84	24.50
20	16QAM	1	49	24.15	24.22	24.00	24.50
20	16QAM	1	99	23.70	23.89	23.60	24.50
20	16QAM	50	0	22.66	22.81	22.54	23.50

20	16QAM	50	24	22.62	22.79	22.55	23.50
20	16QAM	50	50	22.54	22.67	22.37	23.50
20	16QAM	100	0	22.73	22.91	22.61	23.50
20	64QAM	1	0	22.82	22.94	22.76	23.50
20	64QAM	1	49	22.88	22.99	22.81	23.50
20	64QAM	1	99	22.46	22.60	22.38	23.50
20	64QAM	50	0	21.65	21.82	21.56	22.50
20	64QAM	50	24	21.71	21.82	21.58	22.50
20	64QAM	50	50	21.73	21.84	21.54	22.50
20	64QAM	100	0	21.66	21.85	21.56	22.50
20	256QAM	1	0	19.76	19.89	19.60	20.50
20	256QAM	1	49	19.79	19.88	19.66	20.50
20	256QAM	1	99	19.79	19.95	19.74	20.50
20	256QAM	50	0	19.71	19.83	19.65	20.50
20	256QAM	50	24	19.63	19.80	19.64	20.50
20	256QAM	50	50	19.75	19.92	19.65	20.50
20	256QAM	100	0	19.59	19.66	19.46	20.50
Channel				20825	21100	21375	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	QPSK	1	0	24.40	24.42	24.21	25.50
15	QPSK	1	37	24.30	24.35	24.11	25.50
15	QPSK	1	74	24.36	24.40	24.09	25.50
15	QPSK	36	0	23.80	23.90	23.65	24.50
15	QPSK	36	20	23.76	23.83	23.63	24.50
15	QPSK	36	39	23.42	23.63	23.31	24.50
15	QPSK	75	0	23.71	23.83	23.60	24.50
15	16QAM	1	0	23.87	24.01	23.79	24.50
15	16QAM	1	37	24.11	24.07	23.87	24.50
15	16QAM	1	74	23.67	23.83	23.50	24.50
15	16QAM	36	0	22.60	22.72	22.47	23.50
15	16QAM	36	20	22.55	22.76	22.52	23.50
15	16QAM	36	39	22.41	22.64	22.25	23.50
15	16QAM	75	0	22.65	22.87	22.49	23.50
15	64QAM	1	0	22.74	22.81	22.62	23.50
15	64QAM	1	37	22.78	22.85	22.69	23.50
15	64QAM	1	74	22.39	22.47	22.27	23.50
15	64QAM	36	0	21.60	21.68	21.49	22.50
15	64QAM	36	20	21.65	21.72	21.53	22.50
15	64QAM	36	39	21.65	21.77	21.40	22.50
15	64QAM	75	0	21.60	21.71	21.53	22.50
15	256QAM	1	0	19.65	19.85	19.55	20.50
15	256QAM	1	37	19.78	19.78	19.63	20.50
15	256QAM	1	74	19.78	19.82	19.72	20.50
15	256QAM	36	0	19.61	19.79	19.61	20.50
15	256QAM	36	20	19.60	19.71	19.60	20.50
15	256QAM	36	39	19.61	19.90	19.55	20.50
15	256QAM	75	0	19.52	19.63	19.44	20.50
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	24.45	24.45	24.34	25.50
10	QPSK	1	25	24.35	24.43	24.22	25.50
10	QPSK	1	49	24.27	24.32	24.04	25.50
10	QPSK	25	0	23.78	23.95	23.75	24.50
10	QPSK	25	12	23.82	23.79	23.64	24.50
10	QPSK	25	25	23.32	23.60	23.32	24.50
10	QPSK	50	0	23.69	23.89	23.68	24.50
10	16QAM	1	0	23.81	24.01	23.75	24.50
10	16QAM	1	25	24.12	24.10	23.93	24.50
10	16QAM	1	49	23.60	23.84	23.47	24.50
10	16QAM	25	0	22.63	22.69	22.40	23.50
10	16QAM	25	12	22.59	22.70	22.44	23.50
10	16QAM	25	25	22.45	22.65	22.23	23.50
10	16QAM	50	0	22.62	22.89	22.53	23.50
10	64QAM	1	0	22.71	22.86	22.69	23.50
10	64QAM	1	25	22.73	22.92	22.69	23.50
10	64QAM	1	49	22.33	22.50	22.32	23.50
10	64QAM	25	0	21.54	21.79	21.43	22.50
10	64QAM	25	12	21.61	21.73	21.52	22.50
10	64QAM	25	25	21.69	21.78	21.52	22.50
10	64QAM	50	0	21.55	21.81	21.43	22.50
10	256QAM	1	0	19.66	19.78	19.45	20.50
10	256QAM	1	25	19.77	19.81	19.53	20.50
10	256QAM	1	49	19.77	19.92	19.60	20.50
10	256QAM	25	0	19.68	19.77	19.58	20.50

10	256QAM	25	12	19.49	19.68	19.60	20.50
10	256QAM	25	25	19.62	19.81	19.61	20.50
10	256QAM	50	0	19.49	19.54	19.41	20.50
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	24.40	24.47	24.25	25.50
5	QPSK	1	12	24.30	24.41	24.21	25.50
5	QPSK	1	24	24.23	24.33	24.14	25.50
5	QPSK	12	0	23.73	23.91	23.73	24.50
5	QPSK	12	7	23.76	23.80	23.63	24.50
5	QPSK	12	13	23.41	23.55	23.34	24.50
5	QPSK	25	0	23.71	23.92	23.62	24.50
5	16QAM	1	0	23.88	23.97	23.82	24.50
5	16QAM	1	12	24.04	24.14	23.87	24.50
5	16QAM	1	24	23.62	23.86	23.49	24.50
5	16QAM	12	0	22.64	22.75	22.52	23.50
5	16QAM	12	7	22.51	22.75	22.42	23.50
5	16QAM	12	13	22.42	22.53	22.31	23.50
5	16QAM	25	0	22.66	22.87	22.48	23.50
5	64QAM	1	0	22.68	22.86	22.61	23.50
5	64QAM	1	12	22.82	22.88	22.73	23.50
5	64QAM	1	24	22.44	22.59	22.28	23.50
5	64QAM	12	0	21.64	21.80	21.53	22.50
5	64QAM	12	7	21.65	21.70	21.56	22.50
5	64QAM	12	13	21.62	21.78	21.52	22.50
5	64QAM	25	0	21.60	21.83	21.44	22.50
5	256QAM	1	0	19.73	19.83	19.50	20.50
5	256QAM	1	12	19.72	19.87	19.64	20.50
5	256QAM	1	24	19.71	19.82	19.70	20.50
5	256QAM	12	0	19.70	19.80	19.60	20.50
5	256QAM	12	7	19.54	19.67	19.52	20.50
5	256QAM	12	13	19.62	19.87	19.60	20.50
5	256QAM	25	0	19.49	19.55	19.43	20.50

【LTE Band 7_Ant 7_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	15.87	15.90	15.83	17.50
20	QPSK	1	49	15.74	15.87	15.70	17.50
20	QPSK	1	99	15.70	15.83	15.65	17.50
20	QPSK	50	0	15.71	15.88	15.70	17.50
20	QPSK	50	24	15.79	15.84	15.67	17.50
20	QPSK	50	50	15.62	15.69	15.50	17.50
20	QPSK	100	0	15.68	15.79	15.66	17.50
20	16QAM	1	0	15.75	15.82	15.67	17.50
20	16QAM	1	49	15.66	15.77	15.55	17.50
20	16QAM	1	99	15.80	15.88	15.74	17.50
20	16QAM	50	0	15.64	15.70	15.55	17.50
20	16QAM	50	24	15.82	15.91	15.76	17.50
20	16QAM	50	50	15.85	15.91	15.74	17.50
20	16QAM	100	0	15.81	15.87	15.66	17.50
20	64QAM	1	0	15.63	15.74	15.57	17.50
20	64QAM	1	49	15.84	15.90	15.73	17.50
20	64QAM	1	99	15.72	15.86	15.72	17.50
20	64QAM	50	0	15.70	15.78	15.62	17.50
20	64QAM	50	24	15.68	15.75	15.55	17.50
20	64QAM	50	50	15.65	15.75	15.61	17.50
20	64QAM	100	0	15.53	15.70	15.56	17.50
20	256QAM	1	0	15.82	15.88	15.74	17.50
20	256QAM	1	49	15.78	15.83	15.65	17.50
20	256QAM	1	99	15.71	15.84	15.64	17.50
20	256QAM	50	0	15.56	15.68	15.54	17.50
20	256QAM	50	24	15.78	15.88	15.78	17.50
20	256QAM	50	50	15.84	15.91	15.82	17.50
20	256QAM	100	0	15.67	15.73	15.53	17.50
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	

15	QPSK	1	0	15.77	15.82	15.76	17.50
15	QPSK	1	37	15.64	15.79	15.59	17.50
15	QPSK	1	74	15.63	15.79	15.61	17.50
15	QPSK	36	0	15.64	15.84	15.56	17.50
15	QPSK	36	20	15.78	15.72	15.52	17.50
15	QPSK	36	39	15.48	15.62	15.35	17.50
15	QPSK	75	0	15.66	15.67	15.57	17.50
15	16QAM	1	0	15.66	15.81	15.62	17.50
15	16QAM	1	37	15.54	15.75	15.41	17.50
15	16QAM	1	74	15.74	15.87	15.68	17.50
15	16QAM	36	0	15.61	15.57	15.47	17.50
15	16QAM	36	20	15.76	15.85	15.67	17.50
15	16QAM	36	39	15.71	15.84	15.68	17.50
15	16QAM	75	0	15.71	15.80	15.65	17.50
15	64QAM	1	0	15.48	15.69	15.50	17.50
15	64QAM	1	37	15.69	15.77	15.71	17.50
15	64QAM	1	74	15.67	15.74	15.66	17.50
15	64QAM	36	0	15.61	15.64	15.54	17.50
15	64QAM	36	20	15.54	15.72	15.51	17.50
15	64QAM	36	39	15.60	15.60	15.49	17.50
15	64QAM	75	0	15.43	15.59	15.42	17.50
15	256QAM	1	0	15.76	15.85	15.68	17.50
15	256QAM	1	37	15.75	15.76	15.51	17.50
15	256QAM	1	74	15.64	15.69	15.57	17.50
15	256QAM	36	0	15.51	15.53	15.51	17.50
15	256QAM	36	20	15.75	15.78	15.64	17.50
15	256QAM	36	39	15.81	15.86	15.79	17.50
15	256QAM	75	0	15.56	15.72	15.49	17.50
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	15.76	15.80	15.81	17.50
10	QPSK	1	25	15.61	15.79	15.62	17.50
10	QPSK	1	49	15.65	15.73	15.52	17.50
10	QPSK	25	0	15.65	15.85	15.61	17.50
10	QPSK	25	12	15.69	15.81	15.65	17.50
10	QPSK	25	25	15.54	15.56	15.38	17.50
10	QPSK	50	0	15.54	15.68	15.63	17.50
10	16QAM	1	0	15.65	15.77	15.61	17.50
10	16QAM	1	25	15.65	15.65	15.48	17.50
10	16QAM	1	49	15.72	15.75	15.69	17.50
10	16QAM	25	0	15.57	15.61	15.44	17.50
10	16QAM	25	12	15.75	15.82	15.72	17.50
10	16QAM	25	25	15.76	15.89	15.66	17.50
10	16QAM	50	0	15.76	15.76	15.52	17.50
10	64QAM	1	0	15.53	15.66	15.54	17.50
10	64QAM	1	25	15.75	15.79	15.70	17.50
10	64QAM	1	49	15.69	15.77	15.59	17.50
10	64QAM	25	0	15.57	15.64	15.53	17.50
10	64QAM	25	12	15.56	15.69	15.50	17.50
10	64QAM	25	25	15.64	15.62	15.47	17.50
10	64QAM	50	0	15.49	15.58	15.49	17.50
10	256QAM	1	0	15.67	15.80	15.60	17.50
10	256QAM	1	25	15.73	15.81	15.58	17.50
10	256QAM	1	49	15.61	15.82	15.50	17.50
10	256QAM	25	0	15.48	15.59	15.40	17.50
10	256QAM	25	12	15.65	15.82	15.77	17.50
10	256QAM	25	25	15.78	15.84	15.76	17.50
10	256QAM	50	0	15.57	15.62	15.41	17.50
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	15.85	15.77	15.73	17.50
5	QPSK	1	12	15.67	15.78	15.66	17.50
5	QPSK	1	24	15.69	15.81	15.59	17.50
5	QPSK	12	0	15.69	15.76	15.66	17.50
5	QPSK	12	7	15.73	15.71	15.57	17.50
5	QPSK	12	13	15.55	15.57	15.45	17.50
5	QPSK	25	0	15.65	15.68	15.53	17.50
5	16QAM	1	0	15.73	15.71	15.65	17.50
5	16QAM	1	12	15.60	15.63	15.52	17.50
5	16QAM	1	24	15.74	15.85	15.63	17.50
5	16QAM	12	0	15.62	15.66	15.43	17.50
5	16QAM	12	7	15.76	15.85	15.69	17.50
5	16QAM	12	13	15.71	15.81	15.69	17.50
5	16QAM	25	0	15.71	15.74	15.59	17.50

5	64QAM	1	0	15.53	15.62	15.47	17.50
5	64QAM	1	12	15.76	15.82	15.63	17.50
5	64QAM	1	24	15.66	15.71	15.61	17.50
5	64QAM	12	0	15.67	15.76	15.50	17.50
5	64QAM	12	7	15.57	15.61	15.52	17.50
5	64QAM	12	13	15.63	15.70	15.55	17.50
5	64QAM	25	0	15.40	15.57	15.44	17.50
5	256QAM	1	0	15.71	15.85	15.73	17.50
5	256QAM	1	12	15.66	15.78	15.52	17.50
5	256QAM	1	24	15.65	15.78	15.57	17.50
5	256QAM	12	0	15.47	15.59	15.43	17.50
5	256QAM	12	7	15.75	15.80	15.64	17.50
5	256QAM	12	13	15.75	15.77	15.78	17.50
5	256QAM	25	0	15.63	15.59	15.41	17.50

【LTE Band 7_Ant 7_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	17.93	18.02	17.97	19.50
20	QPSK	1	49	17.72	17.88	17.74	19.50
20	QPSK	1	99	17.59	17.81	17.67	19.50
20	QPSK	50	0	17.77	17.98	17.86	19.50
20	QPSK	50	24	17.73	17.88	17.76	19.50
20	QPSK	50	50	17.74	17.92	17.76	19.50
20	QPSK	100	0	17.69	17.85	17.66	19.50
20	16QAM	1	0	17.74	17.95	17.84	19.50
20	16QAM	1	49	17.86	17.99	17.86	19.50
20	16QAM	1	99	17.75	17.86	17.77	19.50
20	16QAM	50	0	17.80	18.01	17.91	19.50
20	16QAM	50	24	17.79	17.99	17.80	19.50
20	16QAM	50	50	17.65	17.81	17.65	19.50
20	16QAM	100	0	17.65	17.84	17.64	19.50
20	64QAM	1	0	17.76	17.96	17.87	19.50
20	64QAM	1	49	17.83	17.94	17.75	19.50
20	64QAM	1	99	17.68	17.87	17.78	19.50
20	64QAM	50	0	17.76	17.89	17.80	19.50
20	64QAM	50	24	17.86	18.04	17.97	19.50
20	64QAM	50	50	17.88	17.99	17.79	19.50
20	64QAM	100	0	17.65	17.87	17.73	19.50
20	256QAM	1	0	17.81	18.01	17.95	19.50
20	256QAM	1	49	17.79	17.89	17.70	19.50
20	256QAM	1	99	17.82	18.02	17.87	19.50
20	256QAM	50	0	17.79	18.00	17.81	19.50
20	256QAM	50	24	17.77	17.93	17.77	19.50
20	256QAM	50	50	17.78	17.93	17.86	19.50
20	256QAM	100	0	17.69	17.81	17.62	19.50
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	17.80	17.97	17.85	19.50
15	QPSK	1	37	17.60	17.75	17.70	19.50
15	QPSK	1	74	17.49	17.70	17.59	19.50
15	QPSK	36	0	17.71	17.87	17.78	19.50
15	QPSK	36	20	17.59	17.78	17.62	19.50
15	QPSK	36	39	17.62	17.83	17.71	19.50
15	QPSK	75	0	17.59	17.73	17.60	19.50
15	16QAM	1	0	17.60	17.89	17.78	19.50
15	16QAM	1	37	17.81	17.93	17.74	19.50
15	16QAM	1	74	17.61	17.81	17.74	19.50
15	16QAM	36	0	17.69	17.91	17.77	19.50
15	16QAM	36	20	17.76	17.90	17.66	19.50
15	16QAM	36	39	17.63	17.73	17.64	19.50
15	16QAM	75	0	17.58	17.82	17.53	19.50
15	64QAM	1	0	17.67	17.95	17.80	19.50
15	64QAM	1	37	17.80	17.91	17.64	19.50
15	64QAM	1	74	17.66	17.85	17.65	19.50
15	64QAM	36	0	17.68	17.75	17.69	19.50
15	64QAM	36	20	17.75	18.00	17.94	19.50

15	64QAM	36	39	17.82	17.88	17.74	19.50
15	64QAM	75	0	17.58	17.80	17.58	19.50
15	256QAM	1	0	17.80	18.00	17.86	19.50
15	256QAM	1	37	17.69	17.82	17.57	19.50
15	256QAM	1	74	17.77	17.95	17.84	19.50
15	256QAM	36	0	17.70	17.89	17.73	19.50
15	256QAM	36	20	17.76	17.89	17.62	19.50
15	256QAM	36	39	17.68	17.81	17.74	19.50
15	256QAM	75	0	17.62	17.76	17.57	19.50
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	17.79	17.95	17.82	19.50
10	QPSK	1	25	17.62	17.75	17.62	19.50
10	QPSK	1	49	17.55	17.70	17.57	19.50
10	QPSK	25	0	17.69	17.93	17.74	19.50
10	QPSK	25	12	17.70	17.77	17.70	19.50
10	QPSK	25	25	17.71	17.91	17.62	19.50
10	QPSK	50	0	17.54	17.83	17.52	19.50
10	16QAM	1	0	17.70	17.89	17.83	19.50
10	16QAM	1	25	17.78	17.96	17.80	19.50
10	16QAM	1	49	17.66	17.74	17.64	19.50
10	16QAM	25	0	17.73	17.90	17.80	19.50
10	16QAM	25	12	17.77	17.96	17.74	19.50
10	16QAM	25	25	17.59	17.77	17.54	19.50
10	16QAM	50	0	17.57	17.76	17.56	19.50
10	64QAM	1	0	17.74	17.82	17.79	19.50
10	64QAM	1	25	17.73	17.80	17.66	19.50
10	64QAM	1	49	17.54	17.80	17.64	19.50
10	64QAM	25	0	17.73	17.82	17.75	19.50
10	64QAM	25	12	17.75	18.00	17.82	19.50
10	64QAM	25	25	17.81	17.89	17.77	19.50
10	64QAM	50	0	17.54	17.78	17.61	19.50
10	256QAM	1	0	17.77	17.87	17.94	19.50
10	256QAM	1	25	17.68	17.84	17.61	19.50
10	256QAM	1	49	17.81	17.89	17.74	19.50
10	256QAM	25	0	17.75	17.87	17.79	19.50
10	256QAM	25	12	17.62	17.86	17.68	19.50
10	256QAM	25	25	17.75	17.85	17.81	19.50
10	256QAM	50	0	17.66	17.73	17.59	19.50
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	17.88	17.93	17.95	19.50
5	QPSK	1	12	17.59	17.81	17.65	19.50
5	QPSK	1	24	17.49	17.73	17.66	19.50
5	QPSK	12	0	17.72	17.93	17.74	19.50
5	QPSK	12	7	17.60	17.79	17.62	19.50
5	QPSK	12	13	17.63	17.90	17.67	19.50
5	QPSK	25	0	17.57	17.76	17.61	19.50
5	16QAM	1	0	17.63	17.82	17.71	19.50
5	16QAM	1	12	17.71	17.87	17.77	19.50
5	16QAM	1	24	17.66	17.76	17.63	19.50
5	16QAM	12	0	17.72	17.89	17.84	19.50
5	16QAM	12	7	17.64	17.90	17.77	19.50
5	16QAM	12	13	17.58	17.79	17.56	19.50
5	16QAM	25	0	17.55	17.81	17.60	19.50
5	64QAM	1	0	17.63	17.92	17.79	19.50
5	64QAM	1	12	17.79	17.88	17.73	19.50
5	64QAM	1	24	17.65	17.76	17.74	19.50
5	64QAM	12	0	17.73	17.75	17.71	19.50
5	64QAM	12	7	17.81	17.94	17.84	19.50
5	64QAM	12	13	17.85	17.98	17.67	19.50
5	64QAM	25	0	17.55	17.83	17.65	19.50
5	256QAM	1	0	17.73	17.93	17.84	19.50
5	256QAM	1	12	17.75	17.78	17.68	19.50
5	256QAM	1	24	17.74	17.98	17.79	19.50
5	256QAM	12	0	17.75	17.98	17.76	19.50
5	256QAM	12	7	17.73	17.81	17.75	19.50
5	256QAM	12	13	17.64	17.83	17.79	19.50
5	256QAM	25	0	17.66	17.66	17.53	19.50

【LTE Band 7_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				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	17.93	18.02	17.97	19.50
20	QPSK	1	49	17.72	17.88	17.74	19.50
20	QPSK	1	99	17.59	17.81	17.67	19.50
20	QPSK	50	0	17.77	17.98	17.86	19.50
20	QPSK	50	24	17.73	17.88	17.76	19.50
20	QPSK	50	50	17.74	17.92	17.76	19.50
20	QPSK	100	0	17.69	17.85	17.66	19.50
20	16QAM	1	0	17.74	17.95	17.84	19.50
20	16QAM	1	49	17.86	17.99	17.86	19.50
20	16QAM	1	99	17.75	17.86	17.77	19.50
20	16QAM	50	0	17.80	18.01	17.91	19.50
20	16QAM	50	24	17.79	17.99	17.80	19.50
20	16QAM	50	50	17.65	17.81	17.65	19.50
20	16QAM	100	0	17.65	17.84	17.64	19.50
20	64QAM	1	0	17.76	17.96	17.87	19.50
20	64QAM	1	49	17.83	17.94	17.75	19.50
20	64QAM	1	99	17.68	17.87	17.78	19.50
20	64QAM	50	0	17.76	17.89	17.80	19.50
20	64QAM	50	24	17.86	18.04	17.97	19.50
20	64QAM	50	50	17.88	17.99	17.79	19.50
20	64QAM	100	0	17.65	17.87	17.73	19.50
20	256QAM	1	0	17.81	18.01	17.95	19.50
20	256QAM	1	49	17.79	17.89	17.70	19.50
20	256QAM	1	99	17.82	18.02	17.87	19.50
20	256QAM	50	0	17.79	18.00	17.81	19.50
20	256QAM	50	24	17.77	17.93	17.77	19.50
20	256QAM	50	50	17.78	17.93	17.86	19.50
20	256QAM	100	0	17.69	17.81	17.62	19.50
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	17.80	17.97	17.85	19.50
15	QPSK	1	37	17.60	17.75	17.70	19.50
15	QPSK	1	74	17.49	17.70	17.59	19.50
15	QPSK	36	0	17.71	17.87	17.78	19.50
15	QPSK	36	20	17.59	17.78	17.62	19.50
15	QPSK	36	39	17.62	17.83	17.71	19.50
15	QPSK	75	0	17.59	17.73	17.60	19.50
15	16QAM	1	0	17.60	17.89	17.78	19.50
15	16QAM	1	37	17.81	17.93	17.74	19.50
15	16QAM	1	74	17.61	17.81	17.74	19.50
15	16QAM	36	0	17.69	17.91	17.77	19.50
15	16QAM	36	20	17.76	17.90	17.66	19.50
15	16QAM	36	39	17.63	17.73	17.64	19.50
15	16QAM	75	0	17.58	17.82	17.53	19.50
15	64QAM	1	0	17.67	17.95	17.80	19.50
15	64QAM	1	37	17.80	17.91	17.64	19.50
15	64QAM	1	74	17.66	17.85	17.65	19.50
15	64QAM	36	0	17.68	17.75	17.69	19.50
15	64QAM	36	20	17.75	18.00	17.94	19.50
15	64QAM	36	39	17.82	17.88	17.74	19.50
15	64QAM	75	0	17.58	17.80	17.58	19.50
15	256QAM	1	0	17.80	18.00	17.86	19.50
15	256QAM	1	37	17.69	17.82	17.57	19.50
15	256QAM	1	74	17.77	17.95	17.84	19.50
15	256QAM	36	0	17.70	17.89	17.73	19.50
15	256QAM	36	20	17.76	17.89	17.62	19.50
15	256QAM	36	39	17.68	17.81	17.74	19.50
15	256QAM	75	0	17.62	17.76	17.57	19.50
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	17.79	17.95	17.82	19.50
10	QPSK	1	25	17.62	17.75	17.62	19.50
10	QPSK	1	49	17.55	17.70	17.57	19.50
10	QPSK	25	0	17.69	17.93	17.74	19.50
10	QPSK	25	12	17.70	17.77	17.70	19.50
10	QPSK	25	25	17.71	17.91	17.62	19.50
10	QPSK	50	0	17.54	17.83	17.52	19.50
10	16QAM	1	0	17.70	17.89	17.83	19.50

10	16QAM	1	25	17.78	17.96	17.80	19.50
10	16QAM	1	49	17.66	17.74	17.64	19.50
10	16QAM	25	0	17.73	17.90	17.80	19.50
10	16QAM	25	12	17.77	17.96	17.74	19.50
10	16QAM	25	25	17.59	17.77	17.54	19.50
10	16QAM	50	0	17.57	17.76	17.56	19.50
10	64QAM	1	0	17.74	17.82	17.79	19.50
10	64QAM	1	25	17.73	17.80	17.66	19.50
10	64QAM	1	49	17.54	17.80	17.64	19.50
10	64QAM	25	0	17.73	17.82	17.75	19.50
10	64QAM	25	12	17.75	18.00	17.82	19.50
10	64QAM	25	25	17.81	17.89	17.77	19.50
10	64QAM	50	0	17.54	17.78	17.61	19.50
10	256QAM	1	0	17.77	17.87	17.94	19.50
10	256QAM	1	25	17.68	17.84	17.61	19.50
10	256QAM	1	49	17.81	17.89	17.74	19.50
10	256QAM	25	0	17.75	17.87	17.79	19.50
10	256QAM	25	12	17.62	17.86	17.68	19.50
10	256QAM	25	25	17.75	17.85	17.81	19.50
10	256QAM	50	0	17.66	17.73	17.59	19.50
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	17.88	17.93	17.95	19.50
5	QPSK	1	12	17.59	17.81	17.65	19.50
5	QPSK	1	24	17.49	17.73	17.66	19.50
5	QPSK	12	0	17.72	17.93	17.74	19.50
5	QPSK	12	7	17.60	17.79	17.62	19.50
5	QPSK	12	13	17.63	17.90	17.67	19.50
5	QPSK	25	0	17.57	17.76	17.61	19.50
5	16QAM	1	0	17.63	17.82	17.71	19.50
5	16QAM	1	12	17.71	17.87	17.77	19.50
5	16QAM	1	24	17.66	17.76	17.63	19.50
5	16QAM	12	0	17.72	17.89	17.84	19.50
5	16QAM	12	7	17.64	17.90	17.77	19.50
5	16QAM	12	13	17.58	17.79	17.56	19.50
5	16QAM	25	0	17.55	17.81	17.60	19.50
5	64QAM	1	0	17.63	17.92	17.79	19.50
5	64QAM	1	12	17.79	17.88	17.73	19.50
5	64QAM	1	24	17.65	17.76	17.74	19.50
5	64QAM	12	0	17.73	17.75	17.71	19.50
5	64QAM	12	7	17.81	17.94	17.84	19.50
5	64QAM	12	13	17.85	17.98	17.67	19.50
5	64QAM	25	0	17.55	17.83	17.65	19.50
5	256QAM	1	0	17.73	17.93	17.84	19.50
5	256QAM	1	12	17.75	17.78	17.68	19.50
5	256QAM	1	24	17.74	17.98	17.79	19.50
5	256QAM	12	0	17.75	17.98	17.76	19.50
5	256QAM	12	7	17.73	17.81	17.75	19.50
5	256QAM	12	13	17.64	17.83	17.79	19.50
5	256QAM	25	0	17.66	17.66	17.53	19.50

【LTE Band 7_Ant 7_DSI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	15.87	15.90	15.83	17.50
20	QPSK	1	49	15.74	15.87	15.70	17.50
20	QPSK	1	99	15.70	15.83	15.65	17.50
20	QPSK	50	0	15.71	15.88	15.70	17.50
20	QPSK	50	24	15.79	15.84	15.67	17.50
20	QPSK	50	50	15.62	15.69	15.50	17.50
20	QPSK	100	0	15.68	15.79	15.66	17.50
20	16QAM	1	0	15.75	15.82	15.67	17.50
20	16QAM	1	49	15.66	15.77	15.55	17.50
20	16QAM	1	99	15.80	15.88	15.74	17.50
20	16QAM	50	0	15.64	15.70	15.55	17.50
20	16QAM	50	24	15.82	15.91	15.76	17.50
20	16QAM	50	50	15.85	15.91	15.74	17.50

20	16QAM	100	0	15.81	15.87	15.66	17.50
20	64QAM	1	0	15.63	15.74	15.57	17.50
20	64QAM	1	49	15.84	15.90	15.73	17.50
20	64QAM	1	99	15.72	15.86	15.72	17.50
20	64QAM	50	0	15.70	15.78	15.62	17.50
20	64QAM	50	24	15.68	15.75	15.55	17.50
20	64QAM	50	50	15.65	15.75	15.61	17.50
20	64QAM	100	0	15.53	15.70	15.56	17.50
20	256QAM	1	0	15.82	15.88	15.74	17.50
20	256QAM	1	49	15.78	15.83	15.65	17.50
20	256QAM	1	99	15.71	15.84	15.64	17.50
20	256QAM	50	0	15.56	15.68	15.54	17.50
20	256QAM	50	24	15.78	15.88	15.78	17.50
20	256QAM	50	50	15.84	15.91	15.82	17.50
20	256QAM	100	0	15.67	15.73	15.53	17.50
Channel				20825	21100	21375	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	QPSK	1	0	15.77	15.82	15.76	17.50
15	QPSK	1	37	15.64	15.79	15.59	17.50
15	QPSK	1	74	15.63	15.79	15.61	17.50
15	QPSK	36	0	15.64	15.84	15.56	17.50
15	QPSK	36	20	15.78	15.72	15.52	17.50
15	QPSK	36	39	15.48	15.62	15.35	17.50
15	QPSK	75	0	15.66	15.67	15.57	17.50
15	16QAM	1	0	15.66	15.81	15.62	17.50
15	16QAM	1	37	15.54	15.75	15.41	17.50
15	16QAM	1	74	15.74	15.87	15.68	17.50
15	16QAM	36	0	15.61	15.57	15.47	17.50
15	16QAM	36	20	15.76	15.85	15.67	17.50
15	16QAM	36	39	15.71	15.84	15.68	17.50
15	16QAM	75	0	15.71	15.80	15.65	17.50
15	64QAM	1	0	15.48	15.69	15.50	17.50
15	64QAM	1	37	15.69	15.77	15.71	17.50
15	64QAM	1	74	15.67	15.74	15.66	17.50
15	64QAM	36	0	15.61	15.64	15.54	17.50
15	64QAM	36	20	15.54	15.72	15.51	17.50
15	64QAM	36	39	15.60	15.60	15.49	17.50
15	64QAM	75	0	15.43	15.59	15.42	17.50
15	256QAM	1	0	15.76	15.85	15.68	17.50
15	256QAM	1	37	15.75	15.76	15.51	17.50
15	256QAM	1	74	15.64	15.69	15.57	17.50
15	256QAM	36	0	15.51	15.53	15.51	17.50
15	256QAM	36	20	15.75	15.78	15.64	17.50
15	256QAM	36	39	15.81	15.86	15.79	17.50
15	256QAM	75	0	15.56	15.72	15.49	17.50
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	15.76	15.80	15.81	17.50
10	QPSK	1	25	15.61	15.79	15.62	17.50
10	QPSK	1	49	15.65	15.73	15.52	17.50
10	QPSK	25	0	15.65	15.85	15.61	17.50
10	QPSK	25	12	15.69	15.81	15.65	17.50
10	QPSK	25	25	15.54	15.56	15.38	17.50
10	QPSK	50	0	15.54	15.68	15.63	17.50
10	16QAM	1	0	15.65	15.77	15.61	17.50
10	16QAM	1	25	15.65	15.65	15.48	17.50
10	16QAM	1	49	15.72	15.75	15.69	17.50
10	16QAM	25	0	15.57	15.61	15.44	17.50
10	16QAM	25	12	15.75	15.82	15.72	17.50
10	16QAM	25	25	15.76	15.89	15.66	17.50
10	16QAM	50	0	15.76	15.76	15.52	17.50
10	64QAM	1	0	15.53	15.66	15.54	17.50
10	64QAM	1	25	15.75	15.79	15.70	17.50
10	64QAM	1	49	15.69	15.77	15.59	17.50
10	64QAM	25	0	15.57	15.64	15.53	17.50
10	64QAM	25	12	15.56	15.69	15.50	17.50
10	64QAM	25	25	15.64	15.62	15.47	17.50
10	64QAM	50	0	15.49	15.58	15.49	17.50
10	256QAM	1	0	15.67	15.80	15.60	17.50
10	256QAM	1	25	15.73	15.81	15.58	17.50
10	256QAM	1	49	15.61	15.82	15.50	17.50
10	256QAM	25	0	15.48	15.59	15.40	17.50
10	256QAM	25	12	15.65	15.82	15.77	17.50
10	256QAM	25	25	15.78	15.84	15.76	17.50

10	256QAM	50	0	15.57	15.62	15.41	17.50
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	15.85	15.77	15.73	17.50
5	QPSK	1	12	15.67	15.78	15.66	17.50
5	QPSK	1	24	15.69	15.81	15.59	17.50
5	QPSK	12	0	15.69	15.76	15.66	17.50
5	QPSK	12	7	15.73	15.71	15.57	17.50
5	QPSK	12	13	15.55	15.57	15.45	17.50
5	QPSK	25	0	15.65	15.68	15.53	17.50
5	16QAM	1	0	15.73	15.71	15.65	17.50
5	16QAM	1	12	15.60	15.63	15.52	17.50
5	16QAM	1	24	15.74	15.85	15.63	17.50
5	16QAM	12	0	15.62	15.66	15.43	17.50
5	16QAM	12	7	15.76	15.85	15.69	17.50
5	16QAM	12	13	15.71	15.81	15.69	17.50
5	16QAM	25	0	15.71	15.74	15.59	17.50
5	64QAM	1	0	15.53	15.62	15.47	17.50
5	64QAM	1	12	15.76	15.82	15.63	17.50
5	64QAM	1	24	15.66	15.71	15.61	17.50
5	64QAM	12	0	15.67	15.76	15.50	17.50
5	64QAM	12	7	15.57	15.61	15.52	17.50
5	64QAM	12	13	15.63	15.70	15.55	17.50
5	64QAM	25	0	15.40	15.57	15.44	17.50
5	256QAM	1	0	15.71	15.85	15.73	17.50
5	256QAM	1	12	15.66	15.78	15.52	17.50
5	256QAM	1	24	15.65	15.78	15.57	17.50
5	256QAM	12	0	15.47	15.59	15.43	17.50
5	256QAM	12	7	15.75	15.80	15.64	17.50
5	256QAM	12	13	15.75	15.77	15.78	17.50
5	256QAM	25	0	15.63	15.59	15.41	17.50

【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	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	25.24	25.37	25.28	25.70
15	QPSK	1	37	25.18	25.26	25.21	25.70
15	QPSK	1	74	25.07	25.23	25.16	25.70
15	QPSK	36	0	24.11	24.29	24.19	24.70
15	QPSK	36	20	24.14	24.25	24.19	24.70
15	QPSK	36	39	24.11	24.21	24.10	24.70
15	QPSK	75	0	24.03	24.23	24.11	24.70
15	16QAM	1	0	24.17	24.27	24.11	24.70
15	16QAM	1	37	24.02	24.20	24.16	24.70
15	16QAM	1	74	24.01	24.22	24.06	24.70
15	16QAM	36	0	23.05	23.21	23.09	23.70
15	16QAM	36	20	23.20	23.37	23.34	23.70
15	16QAM	36	39	23.06	23.26	23.19	23.70
15	16QAM	75	0	23.12	23.26	23.18	23.70
15	64QAM	1	0	23.07	23.23	23.07	23.70
15	64QAM	1	37	23.09	23.20	23.11	23.70
15	64QAM	1	74	23.10	23.23	23.11	23.70
15	64QAM	36	0	22.04	22.22	22.16	22.70
15	64QAM	36	20	22.01	22.20	22.05	22.70
15	64QAM	36	39	22.27	22.34	22.31	22.70
15	64QAM	75	0	21.97	22.15	22.05	22.70
15	256QAM	1	0	20.16	20.28	20.21	20.70
15	256QAM	1	37	20.27	20.33	20.23	20.70
15	256QAM	1	74	20.18	20.28	20.19	20.70
15	256QAM	36	0	20.15	20.34	20.31	20.70
15	256QAM	36	20	20.00	20.15	20.11	20.70
15	256QAM	36	39	20.13	20.33	20.24	20.70
15	256QAM	75	0	20.03	20.15	20.11	20.70
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	25.14	25.23	25.21	25.70
10	QPSK	1	25	25.09	25.25	25.15	25.70

10	QPSK	1	49	24.94	25.12	25.01	25.70
10	QPSK	25	0	23.99	24.11	24.05	24.70
10	QPSK	25	12	24.05	24.25	24.09	24.70
10	QPSK	25	25	23.98	24.19	24.09	24.70
10	QPSK	50	0	23.97	24.18	24.00	24.70
10	16QAM	1	0	24.06	24.14	24.01	24.70
10	16QAM	1	25	23.88	24.05	24.12	24.70
10	16QAM	1	49	24.00	24.20	24.02	24.70
10	16QAM	25	0	22.94	23.10	22.98	23.70
10	16QAM	25	12	23.07	23.32	23.24	23.70
10	16QAM	25	25	23.01	23.11	23.07	23.70
10	16QAM	50	0	23.06	23.13	23.08	23.70
10	64QAM	1	0	23.02	23.09	23.02	23.70
10	64QAM	1	25	23.03	23.09	22.97	23.70
10	64QAM	1	49	23.00	23.18	23.04	23.70
10	64QAM	25	0	21.90	22.08	22.11	22.70
10	64QAM	25	12	21.99	22.16	22.00	22.70
10	64QAM	25	25	22.17	22.21	22.24	22.70
10	64QAM	50	0	21.87	22.07	22.02	22.70
10	256QAM	1	0	20.03	20.23	20.11	20.70
10	256QAM	1	25	20.22	20.28	20.11	20.70
10	256QAM	1	49	20.05	20.14	20.17	20.70
10	256QAM	25	0	20.14	20.25	20.23	20.70
10	256QAM	25	12	19.92	20.05	20.03	20.70
10	256QAM	25	25	20.02	20.24	20.13	20.70
10	256QAM	50	0	19.93	20.03	20.03	20.70
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	25.11	25.16	25.27	25.70
5	QPSK	1	12	25.05	25.15	25.13	25.70
5	QPSK	1	24	24.95	25.21	25.05	25.70
5	QPSK	12	0	23.99	24.19	24.05	24.70
5	QPSK	12	7	24.02	24.14	24.11	24.70
5	QPSK	12	13	24.00	24.14	24.08	24.70
5	QPSK	25	0	24.01	24.11	24.00	24.70
5	16QAM	1	0	24.14	24.21	24.02	24.70
5	16QAM	1	12	23.93	24.14	24.11	24.70
5	16QAM	1	24	23.88	24.16	23.93	24.70
5	16QAM	12	0	22.90	23.09	23.00	23.70
5	16QAM	12	7	23.10	23.33	23.23	23.70
5	16QAM	12	13	22.99	23.15	23.07	23.70
5	16QAM	25	0	23.11	23.15	23.13	23.70
5	64QAM	1	0	22.97	23.20	22.98	23.70
5	64QAM	1	12	23.00	23.07	23.03	23.70
5	64QAM	1	24	23.02	23.17	22.98	23.70
5	64QAM	12	0	21.91	22.11	22.10	22.70
5	64QAM	12	7	21.89	22.19	21.94	22.70
5	64QAM	12	13	22.15	22.25	22.18	22.70
5	64QAM	25	0	21.87	22.09	22.02	22.70
5	256QAM	1	0	20.15	20.20	20.18	20.70
5	256QAM	1	12	20.16	20.32	20.09	20.70
5	256QAM	1	24	20.11	20.22	20.08	20.70
5	256QAM	12	0	20.06	20.23	20.29	20.70
5	256QAM	12	7	19.89	20.08	19.97	20.70
5	256QAM	12	13	20.00	20.20	20.19	20.70
5	256QAM	25	0	19.97	20.07	19.98	20.70
Channel				26705	26865	27025	Tune-up limit (dBm)
Frequency (MHz)				815.5	831.5	847.5	
3	QPSK	1	0	25.14	25.26	25.16	25.70
3	QPSK	1	8	25.12	25.13	25.09	25.70
3	QPSK	1	14	25.05	25.13	25.03	25.70
3	QPSK	8	0	24.05	24.16	24.17	24.70
3	QPSK	8	4	24.04	24.18	24.06	24.70
3	QPSK	8	7	24.01	24.20	24.06	24.70
3	QPSK	15	0	23.98	24.08	24.03	24.70
3	16QAM	1	0	24.07	24.14	23.98	24.70
3	16QAM	1	8	23.99	24.14	24.13	24.70
3	16QAM	1	14	23.87	24.20	23.92	24.70
3	16QAM	8	0	22.98	23.13	23.08	23.70
3	16QAM	8	4	23.14	23.28	23.29	23.70
3	16QAM	8	7	23.00	23.17	23.09	23.70
3	16QAM	15	0	23.10	23.13	23.13	23.70
3	64QAM	1	0	22.96	23.13	23.03	23.70
3	64QAM	1	8	22.99	23.10	22.99	23.70

3	64QAM	1	14	23.06	23.15	23.04	23.70
3	64QAM	8	0	21.99	22.11	22.13	22.70
3	64QAM	8	4	21.88	22.13	21.90	22.70
3	64QAM	8	7	22.24	22.25	22.27	22.70
3	64QAM	15	0	21.84	22.01	22.03	22.70
3	256QAM	1	0	20.09	20.26	20.18	20.70
3	256QAM	1	8	20.22	20.29	20.22	20.70
3	256QAM	1	14	20.04	20.13	20.12	20.70
3	256QAM	8	0	20.09	20.25	20.28	20.70
3	256QAM	8	4	19.97	20.11	19.99	20.70
3	256QAM	8	7	20.10	20.26	20.16	20.70
3	256QAM	15	0	19.90	20.12	20.09	20.70
Channel				26697	26865	27033	Tune-up limit (dBm)
Frequency (MHz)				814.7	831.5	848.3	
1.4	QPSK	1	0	25.10	25.21	25.18	25.70
1.4	QPSK	1	3	25.15	25.23	25.15	25.70
1.4	QPSK	1	5	24.96	25.21	25.14	25.70
1.4	QPSK	3	0	24.97	25.14	25.10	25.70
1.4	QPSK	3	1	25.08	25.27	25.08	25.70
1.4	QPSK	3	3	25.04	25.17	25.03	25.70
1.4	QPSK	6	0	23.96	24.22	24.01	24.70
1.4	16QAM	1	0	24.16	24.16	23.98	24.70
1.4	16QAM	1	3	23.99	24.11	24.06	24.70
1.4	16QAM	1	5	23.93	24.09	23.92	24.70
1.4	16QAM	3	0	23.99	24.10	24.00	24.70
1.4	16QAM	3	1	24.18	24.26	24.28	24.70
1.4	16QAM	3	3	24.01	24.21	24.07	24.70
1.4	16QAM	6	0	23.08	23.16	23.05	23.70
1.4	64QAM	1	0	23.04	23.12	23.03	23.70
1.4	64QAM	1	3	23.06	23.09	23.07	23.70
1.4	64QAM	1	5	23.09	23.21	23.10	23.70
1.4	64QAM	3	0	22.98	23.17	23.04	23.70
1.4	64QAM	3	1	22.98	23.16	23.03	23.70
1.4	64QAM	3	3	23.26	23.24	23.23	23.70
1.4	64QAM	6	0	21.91	22.09	21.99	22.70
1.4	256QAM	1	0	20.14	20.26	20.14	20.70
1.4	256QAM	1	3	20.13	20.28	20.21	20.70
1.4	256QAM	1	5	20.05	20.25	20.09	20.70
1.4	256QAM	3	0	20.01	20.29	20.22	20.70
1.4	256QAM	3	1	19.90	20.08	19.98	20.70
1.4	256QAM	3	3	20.11	20.32	20.21	20.70
1.4	256QAM	6	0	19.98	20.06	19.99	20.70

【LTE Band 26_FCC (814~849MHz)_Ant 0_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26765	26865	26965	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	25.24	25.37	25.28	25.70
15	QPSK	1	37	25.18	25.26	25.21	25.70
15	QPSK	1	74	25.07	25.23	25.16	25.70
15	QPSK	36	0	24.11	24.29	24.19	24.70
15	QPSK	36	20	24.14	24.25	24.19	24.70
15	QPSK	36	39	24.11	24.21	24.10	24.70
15	QPSK	75	0	24.03	24.23	24.11	24.70
15	16QAM	1	0	24.17	24.27	24.11	24.70
15	16QAM	1	37	24.02	24.20	24.16	24.70
15	16QAM	1	74	24.01	24.22	24.06	24.70
15	16QAM	36	0	23.05	23.21	23.09	23.70
15	16QAM	36	20	23.20	23.37	23.34	23.70
15	16QAM	36	39	23.06	23.26	23.19	23.70
15	16QAM	75	0	23.12	23.26	23.18	23.70
15	64QAM	1	0	23.07	23.23	23.07	23.70
15	64QAM	1	37	23.09	23.20	23.11	23.70
15	64QAM	1	74	23.10	23.23	23.11	23.70
15	64QAM	36	0	22.04	22.22	22.16	22.70
15	64QAM	36	20	22.01	22.20	22.05	22.70
15	64QAM	36	39	22.27	22.34	22.31	22.70
15	64QAM	75	0	21.97	22.15	22.05	22.70

15	256QAM	1	0	20.16	20.28	20.21	20.70
15	256QAM	1	37	20.27	20.33	20.23	20.70
15	256QAM	1	74	20.18	20.28	20.19	20.70
15	256QAM	36	0	20.15	20.34	20.31	20.70
15	256QAM	36	20	20.00	20.15	20.11	20.70
15	256QAM	36	39	20.13	20.33	20.24	20.70
15	256QAM	75	0	20.03	20.15	20.11	20.70
Channel				26740	26865	26990	Tune-up limit
Frequency (MHz)				819	831.5	844	(dBm)
10	QPSK	1	0	25.14	25.23	25.21	25.70
10	QPSK	1	25	25.09	25.25	25.15	25.70
10	QPSK	1	49	24.94	25.12	25.01	25.70
10	QPSK	25	0	23.99	24.11	24.05	24.70
10	QPSK	25	12	24.05	24.25	24.09	24.70
10	QPSK	25	25	23.98	24.19	24.09	24.70
10	QPSK	50	0	23.97	24.18	24.00	24.70
10	16QAM	1	0	24.06	24.14	24.01	24.70
10	16QAM	1	25	23.88	24.05	24.12	24.70
10	16QAM	1	49	24.00	24.20	24.02	24.70
10	16QAM	25	0	22.94	23.10	22.98	23.70
10	16QAM	25	12	23.07	23.32	23.24	23.70
10	16QAM	25	25	23.01	23.11	23.07	23.70
10	16QAM	50	0	23.06	23.13	23.08	23.70
10	64QAM	1	0	23.02	23.09	23.02	23.70
10	64QAM	1	25	23.03	23.09	22.97	23.70
10	64QAM	1	49	23.00	23.18	23.04	23.70
10	64QAM	25	0	21.90	22.08	22.11	22.70
10	64QAM	25	12	21.99	22.16	22.00	22.70
10	64QAM	25	25	22.17	22.21	22.24	22.70
10	64QAM	50	0	21.87	22.07	22.02	22.70
10	256QAM	1	0	20.03	20.23	20.11	20.70
10	256QAM	1	25	20.22	20.28	20.11	20.70
10	256QAM	1	49	20.05	20.14	20.17	20.70
10	256QAM	25	0	20.14	20.25	20.23	20.70
10	256QAM	25	12	19.92	20.05	20.03	20.70
10	256QAM	25	25	20.02	20.24	20.13	20.70
10	256QAM	50	0	19.93	20.03	20.03	20.70
Channel				26715	26865	27015	Tune-up limit
Frequency (MHz)				816.5	831.5	846.5	(dBm)
5	QPSK	1	0	25.11	25.16	25.27	25.70
5	QPSK	1	12	25.05	25.15	25.13	25.70
5	QPSK	1	24	24.95	25.21	25.05	25.70
5	QPSK	12	0	23.99	24.19	24.05	24.70
5	QPSK	12	7	24.02	24.14	24.11	24.70
5	QPSK	12	13	24.00	24.14	24.08	24.70
5	QPSK	25	0	24.01	24.11	24.00	24.70
5	16QAM	1	0	24.14	24.21	24.02	24.70
5	16QAM	1	12	23.93	24.14	24.11	24.70
5	16QAM	1	24	23.88	24.16	23.93	24.70
5	16QAM	12	0	22.90	23.09	23.00	23.70
5	16QAM	12	7	23.10	23.33	23.23	23.70
5	16QAM	12	13	22.99	23.15	23.07	23.70
5	16QAM	25	0	23.11	23.15	23.13	23.70
5	64QAM	1	0	22.97	23.20	22.98	23.70
5	64QAM	1	12	23.00	23.07	23.03	23.70
5	64QAM	1	24	23.02	23.17	22.98	23.70
5	64QAM	12	0	21.91	22.11	22.10	22.70
5	64QAM	12	7	21.89	22.19	21.94	22.70
5	64QAM	12	13	22.15	22.25	22.18	22.70
5	64QAM	25	0	21.87	22.09	22.02	22.70
5	256QAM	1	0	20.15	20.20	20.18	20.70
5	256QAM	1	12	20.16	20.32	20.09	20.70
5	256QAM	1	24	20.11	20.22	20.08	20.70
5	256QAM	12	0	20.06	20.23	20.29	20.70
5	256QAM	12	7	19.89	20.08	19.97	20.70
5	256QAM	12	13	20.00	20.20	20.19	20.70
5	256QAM	25	0	19.97	20.07	19.98	20.70
Channel				26705	26865	27025	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	QPSK	1	0	25.14	25.26	25.16	25.70
3	QPSK	1	8	25.12	25.13	25.09	25.70
3	QPSK	1	14	25.05	25.13	25.03	25.70
3	QPSK	8	0	24.05	24.16	24.17	24.70
3	QPSK	8	4	24.04	24.18	24.06	24.70

3	QPSK	8	7	24.01	24.20	24.06	24.70
3	QPSK	15	0	23.98	24.08	24.03	24.70
3	16QAM	1	0	24.07	24.14	23.98	24.70
3	16QAM	1	8	23.99	24.14	24.13	24.70
3	16QAM	1	14	23.87	24.20	23.92	24.70
3	16QAM	8	0	22.98	23.13	23.08	23.70
3	16QAM	8	4	23.14	23.28	23.29	23.70
3	16QAM	8	7	23.00	23.17	23.09	23.70
3	16QAM	15	0	23.10	23.13	23.13	23.70
3	64QAM	1	0	22.96	23.13	23.03	23.70
3	64QAM	1	8	22.99	23.10	22.99	23.70
3	64QAM	1	14	23.06	23.15	23.04	23.70
3	64QAM	8	0	21.99	22.11	22.13	22.70
3	64QAM	8	4	21.88	22.13	21.90	22.70
3	64QAM	8	7	22.24	22.25	22.27	22.70
3	64QAM	15	0	21.84	22.01	22.03	22.70
3	256QAM	1	0	20.09	20.26	20.18	20.70
3	256QAM	1	8	20.22	20.29	20.22	20.70
3	256QAM	1	14	20.04	20.13	20.12	20.70
3	256QAM	8	0	20.09	20.25	20.28	20.70
3	256QAM	8	4	19.97	20.11	19.99	20.70
3	256QAM	8	7	20.10	20.26	20.16	20.70
3	256QAM	15	0	19.90	20.12	20.09	20.70
Channel				26697	26865	27033	Tune-up limit (dBm)
Frequency (MHz)				814.7	831.5	848.3	
1.4	QPSK	1	0	25.10	25.21	25.18	25.70
1.4	QPSK	1	3	25.15	25.23	25.15	25.70
1.4	QPSK	1	5	24.96	25.21	25.14	25.70
1.4	QPSK	3	0	24.97	25.14	25.10	25.70
1.4	QPSK	3	1	25.08	25.27	25.08	25.70
1.4	QPSK	3	3	25.04	25.17	25.03	25.70
1.4	QPSK	6	0	23.96	24.22	24.01	24.70
1.4	16QAM	1	0	24.16	24.16	23.98	24.70
1.4	16QAM	1	3	23.99	24.11	24.06	24.70
1.4	16QAM	1	5	23.93	24.09	23.92	24.70
1.4	16QAM	3	0	23.99	24.10	24.00	24.70
1.4	16QAM	3	1	24.18	24.26	24.28	24.70
1.4	16QAM	3	3	24.01	24.21	24.07	24.70
1.4	16QAM	6	0	23.08	23.16	23.05	23.70
1.4	64QAM	1	0	23.04	23.12	23.03	23.70
1.4	64QAM	1	3	23.06	23.09	23.07	23.70
1.4	64QAM	1	5	23.09	23.21	23.10	23.70
1.4	64QAM	3	0	22.98	23.17	23.04	23.70
1.4	64QAM	3	1	22.98	23.16	23.03	23.70
1.4	64QAM	3	3	23.26	23.24	23.23	23.70
1.4	64QAM	6	0	21.91	22.09	21.99	22.70
1.4	256QAM	1	0	20.14	20.26	20.14	20.70
1.4	256QAM	1	3	20.13	20.28	20.21	20.70
1.4	256QAM	1	5	20.05	20.25	20.09	20.70
1.4	256QAM	3	0	20.01	20.29	20.22	20.70
1.4	256QAM	3	1	19.90	20.08	19.98	20.70
1.4	256QAM	3	3	20.11	20.32	20.21	20.70
1.4	256QAM	6	0	19.98	20.06	19.99	20.70

【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	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	24.66	24.71	24.69	25.20
15	QPSK	1	37	24.46	24.52	24.44	25.20
15	QPSK	1	74	24.50	24.67	24.61	25.20
15	QPSK	36	0	24.22	24.35	24.31	24.70
15	QPSK	36	20	24.15	24.30	24.27	24.70
15	QPSK	36	39	24.03	24.16	24.05	24.70
15	QPSK	75	0	24.06	24.15	24.06	24.70
15	16QAM	1	0	24.02	24.22	24.07	24.70
15	16QAM	1	37	24.10	24.18	24.14	24.70
15	16QAM	1	74	24.06	24.16	24.09	24.70

15	16QAM	36	0	23.15	23.32	23.28	23.70
15	16QAM	36	20	22.98	23.17	23.06	23.70
15	16QAM	36	39	22.97	23.16	23.05	23.70
15	16QAM	75	0	23.02	23.20	23.08	23.70
15	64QAM	1	0	23.05	23.25	23.17	23.70
15	64QAM	1	37	23.05	23.11	23.03	23.70
15	64QAM	1	74	23.07	23.23	23.14	23.70
15	64QAM	36	0	21.98	22.10	21.94	22.70
15	64QAM	36	20	22.05	22.18	22.12	22.70
15	64QAM	36	39	22.23	22.33	22.27	22.70
15	64QAM	75	0	21.99	22.15	22.09	22.70
15	256QAM	1	0	20.05	20.23	20.18	20.70
15	256QAM	1	37	20.06	20.15	20.12	20.70
15	256QAM	1	74	20.17	20.30	20.26	20.70
15	256QAM	36	0	20.18	20.26	20.22	20.70
15	256QAM	36	20	20.17	20.24	20.21	20.70
15	256QAM	36	39	20.10	20.27	20.17	20.70
15	256QAM	75	0	20.03	20.21	20.15	20.70
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	24.55	24.63	24.60	25.20
10	QPSK	1	25	24.43	24.47	24.42	25.20
10	QPSK	1	49	24.36	24.58	24.47	25.20
10	QPSK	25	0	24.15	24.30	24.27	24.70
10	QPSK	25	12	24.01	24.28	24.12	24.70
10	QPSK	25	25	24.00	24.11	23.92	24.70
10	QPSK	50	0	23.93	24.04	23.96	24.70
10	16QAM	1	0	23.95	24.14	23.94	24.70
10	16QAM	1	25	24.03	24.13	24.01	24.70
10	16QAM	1	49	24.04	24.04	24.02	24.70
10	16QAM	25	0	23.07	23.24	23.21	23.70
10	16QAM	25	12	22.85	23.08	22.94	23.70
10	16QAM	25	25	22.96	23.12	23.01	23.70
10	16QAM	50	0	22.89	23.06	23.04	23.70
10	64QAM	1	0	23.03	23.16	23.15	23.70
10	64QAM	1	25	22.96	22.96	22.88	23.70
10	64QAM	1	49	22.99	23.22	23.04	23.70
10	64QAM	25	0	21.85	21.96	21.85	22.70
10	64QAM	25	12	22.03	22.14	22.01	22.70
10	64QAM	25	25	22.17	22.25	22.12	22.70
10	64QAM	50	0	21.88	22.10	22.01	22.70
10	256QAM	1	0	19.92	20.17	20.08	20.70
10	256QAM	1	25	19.92	20.05	19.98	20.70
10	256QAM	1	49	20.15	20.25	20.18	20.70
10	256QAM	25	0	20.12	20.16	20.15	20.70
10	256QAM	25	12	20.08	20.14	20.17	20.70
10	256QAM	25	25	20.05	20.20	20.08	20.70
10	256QAM	50	0	19.99	20.19	20.06	20.70
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	24.63	24.62	24.57	25.20
5	QPSK	1	12	24.38	24.45	24.39	25.20
5	QPSK	1	24	24.46	24.61	24.59	25.20
5	QPSK	12	0	24.12	24.32	24.23	24.70
5	QPSK	12	7	24.12	24.18	24.22	24.70
5	QPSK	12	13	23.96	24.02	24.01	24.70
5	QPSK	25	0	23.96	24.06	23.93	24.70
5	16QAM	1	0	23.91	24.10	24.01	24.70
5	16QAM	1	12	24.03	24.16	24.02	24.70
5	16QAM	1	24	24.03	24.11	24.00	24.70
5	16QAM	12	0	23.03	23.18	23.14	23.70
5	16QAM	12	7	22.96	23.06	23.05	23.70
5	16QAM	12	13	22.87	23.10	23.01	23.70
5	16QAM	25	0	22.98	23.15	22.95	23.70
5	64QAM	1	0	22.94	23.24	23.10	23.70
5	64QAM	1	12	22.95	23.09	22.96	23.70
5	64QAM	1	24	22.96	23.09	23.10	23.70
5	64QAM	12	0	21.92	22.07	21.79	22.70
5	64QAM	12	7	21.95	22.15	22.03	22.70
5	64QAM	12	13	22.10	22.26	22.19	22.70
5	64QAM	25	0	21.95	22.03	22.07	22.70
5	256QAM	1	0	19.93	20.09	20.16	20.70
5	256QAM	1	12	20.05	20.12	20.11	20.70
5	256QAM	1	24	20.15	20.21	20.19	20.70

5	256QAM	12	0	20.07	20.13	20.11	20.70
5	256QAM	12	7	20.06	20.21	20.09	20.70
5	256QAM	12	13	20.03	20.16	20.07	20.70
5	256QAM	25	0	19.93	20.19	20.04	20.70
Channel				26705	26865	27025	Tune-up limit (dBm)
Frequency (MHz)				815.5	831.5	847.5	
3	QPSK	1	0	24.54	24.57	24.65	25.20
3	QPSK	1	8	24.42	24.50	24.33	25.20
3	QPSK	1	14	24.39	24.63	24.59	25.20
3	QPSK	8	0	24.19	24.20	24.20	24.70
3	QPSK	8	4	24.07	24.16	24.19	24.70
3	QPSK	8	7	23.88	24.11	23.91	24.70
3	QPSK	15	0	23.93	24.04	23.95	24.70
3	16QAM	1	0	23.88	24.17	23.95	24.70
3	16QAM	1	8	24.02	24.09	24.04	24.70
3	16QAM	1	14	23.91	24.05	24.05	24.70
3	16QAM	8	0	23.08	23.30	23.26	23.70
3	16QAM	8	4	22.87	23.03	23.02	23.70
3	16QAM	8	7	22.88	23.03	22.98	23.70
3	16QAM	15	0	22.91	23.08	23.02	23.70
3	64QAM	1	0	23.03	23.16	23.13	23.70
3	64QAM	1	8	23.02	23.07	22.98	23.70
3	64QAM	1	14	22.97	23.20	22.99	23.70
3	64QAM	8	0	21.90	22.05	21.89	22.70
3	64QAM	8	4	22.03	22.11	22.06	22.70
3	64QAM	8	7	22.20	22.22	22.25	22.70
3	64QAM	15	0	21.94	22.06	22.01	22.70
3	256QAM	1	0	19.98	20.08	20.06	20.70
3	256QAM	1	8	20.03	20.07	20.11	20.70
3	256QAM	1	14	20.09	20.19	20.20	20.70
3	256QAM	8	0	20.14	20.23	20.09	20.70
3	256QAM	8	4	20.05	20.12	20.18	20.70
3	256QAM	8	7	20.06	20.21	20.06	20.70
3	256QAM	15	0	19.97	20.12	20.05	20.70
Channel				26697	26865	27033	Tune-up limit (dBm)
Frequency (MHz)				814.7	831.5	848.3	
1.4	QPSK	1	0	24.58	24.58	24.66	25.20
1.4	QPSK	1	3	24.34	24.45	24.42	25.20
1.4	QPSK	1	5	24.45	24.62	24.56	25.20
1.4	QPSK	3	0	24.66	24.74	24.76	25.20
1.4	QPSK	3	1	24.60	24.68	24.70	25.20
1.4	QPSK	3	3	24.46	24.63	24.41	25.20
1.4	QPSK	6	0	24.02	24.08	24.01	24.70
1.4	16QAM	1	0	23.88	24.08	23.92	24.70
1.4	16QAM	1	3	24.03	24.15	24.01	24.70
1.4	16QAM	1	5	23.95	24.04	23.98	24.70
1.4	16QAM	3	0	24.02	24.23	24.16	24.70
1.4	16QAM	3	1	23.96	24.09	23.99	24.70
1.4	16QAM	3	3	23.88	24.08	23.98	24.70
1.4	16QAM	6	0	22.97	23.17	23.03	23.70
1.4	64QAM	1	0	22.99	23.15	23.09	23.70
1.4	64QAM	1	3	22.94	23.03	22.89	23.70
1.4	64QAM	1	5	23.01	23.09	23.01	23.70
1.4	64QAM	3	0	22.89	23.07	22.85	23.70
1.4	64QAM	3	1	22.92	23.07	23.00	23.70
1.4	64QAM	3	3	23.21	23.18	23.12	23.70
1.4	64QAM	6	0	21.93	22.06	21.95	22.70
1.4	256QAM	1	0	19.91	20.20	20.16	20.70
1.4	256QAM	1	3	20.04	20.04	20.03	20.70
1.4	256QAM	1	5	20.11	20.16	20.16	20.70
1.4	256QAM	3	0	20.09	20.22	20.12	20.70
1.4	256QAM	3	1	20.08	20.18	20.09	20.70
1.4	256QAM	3	3	19.96	20.14	20.12	20.70
1.4	256QAM	6	0	19.97	20.07	20.03	20.70

【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	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	24.66	24.71	24.69	25.20
15	QPSK	1	37	24.46	24.52	24.44	25.20
15	QPSK	1	74	24.50	24.67	24.61	25.20
15	QPSK	36	0	24.22	24.35	24.31	24.70
15	QPSK	36	20	24.15	24.30	24.27	24.70
15	QPSK	36	39	24.03	24.16	24.05	24.70
15	QPSK	75	0	24.06	24.15	24.06	24.70
15	16QAM	1	0	24.02	24.22	24.07	24.70
15	16QAM	1	37	24.10	24.18	24.14	24.70
15	16QAM	1	74	24.06	24.16	24.09	24.70
15	16QAM	36	0	23.15	23.32	23.28	23.70
15	16QAM	36	20	22.98	23.17	23.06	23.70
15	16QAM	36	39	22.97	23.16	23.05	23.70
15	16QAM	75	0	23.02	23.20	23.08	23.70
15	64QAM	1	0	23.05	23.25	23.17	23.70
15	64QAM	1	37	23.05	23.11	23.03	23.70
15	64QAM	1	74	23.07	23.23	23.14	23.70
15	64QAM	36	0	21.98	22.10	21.94	22.70
15	64QAM	36	20	22.05	22.18	22.12	22.70
15	64QAM	36	39	22.23	22.33	22.27	22.70
15	64QAM	75	0	21.99	22.15	22.09	22.70
15	256QAM	1	0	20.05	20.23	20.18	20.70
15	256QAM	1	37	20.06	20.15	20.12	20.70
15	256QAM	1	74	20.17	20.30	20.26	20.70
15	256QAM	36	0	20.18	20.26	20.22	20.70
15	256QAM	36	20	20.17	20.24	20.21	20.70
15	256QAM	36	39	20.10	20.27	20.17	20.70
15	256QAM	75	0	20.03	20.21	20.15	20.70
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	24.55	24.63	24.60	25.20
10	QPSK	1	25	24.43	24.47	24.42	25.20
10	QPSK	1	49	24.36	24.58	24.47	25.20
10	QPSK	25	0	24.15	24.30	24.27	24.70
10	QPSK	25	12	24.01	24.28	24.12	24.70
10	QPSK	25	25	24.00	24.11	23.92	24.70
10	QPSK	50	0	23.93	24.04	23.96	24.70
10	16QAM	1	0	23.95	24.14	23.94	24.70
10	16QAM	1	25	24.03	24.13	24.01	24.70
10	16QAM	1	49	24.04	24.04	24.02	24.70
10	16QAM	25	0	23.07	23.24	23.21	23.70
10	16QAM	25	12	22.85	23.08	22.94	23.70
10	16QAM	25	25	22.96	23.12	23.01	23.70
10	16QAM	50	0	22.89	23.06	23.04	23.70
10	64QAM	1	0	23.03	23.16	23.15	23.70
10	64QAM	1	25	22.96	22.96	22.88	23.70
10	64QAM	1	49	22.99	23.22	23.04	23.70
10	64QAM	25	0	21.85	21.96	21.85	22.70
10	64QAM	25	12	22.03	22.14	22.01	22.70
10	64QAM	25	25	22.17	22.25	22.12	22.70
10	64QAM	50	0	21.88	22.10	22.01	22.70
10	256QAM	1	0	19.92	20.17	20.08	20.70
10	256QAM	1	25	19.92	20.05	19.98	20.70
10	256QAM	1	49	20.15	20.25	20.18	20.70
10	256QAM	25	0	20.12	20.16	20.15	20.70
10	256QAM	25	12	20.08	20.14	20.17	20.70
10	256QAM	25	25	20.05	20.20	20.08	20.70
10	256QAM	50	0	19.99	20.19	20.06	20.70
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	24.63	24.62	24.57	25.20
5	QPSK	1	12	24.38	24.45	24.39	25.20
5	QPSK	1	24	24.46	24.61	24.59	25.20
5	QPSK	12	0	24.12	24.32	24.23	24.70
5	QPSK	12	7	24.12	24.18	24.22	24.70

5	QPSK	12	13	23.96	24.02	24.01	24.70
5	QPSK	25	0	23.96	24.06	23.93	24.70
5	16QAM	1	0	23.91	24.10	24.01	24.70
5	16QAM	1	12	24.03	24.16	24.02	24.70
5	16QAM	1	24	24.03	24.11	24.00	24.70
5	16QAM	12	0	23.03	23.18	23.14	23.70
5	16QAM	12	7	22.96	23.06	23.05	23.70
5	16QAM	12	13	22.87	23.10	23.01	23.70
5	16QAM	25	0	22.98	23.15	22.95	23.70
5	64QAM	1	0	22.94	23.24	23.10	23.70
5	64QAM	1	12	22.95	23.09	22.96	23.70
5	64QAM	1	24	22.96	23.09	23.10	23.70
5	64QAM	12	0	21.92	22.07	21.79	22.70
5	64QAM	12	7	21.95	22.15	22.03	22.70
5	64QAM	12	13	22.10	22.26	22.19	22.70
5	64QAM	25	0	21.95	22.03	22.07	22.70
5	256QAM	1	0	19.93	20.09	20.16	20.70
5	256QAM	1	12	20.05	20.12	20.11	20.70
5	256QAM	1	24	20.15	20.21	20.19	20.70
5	256QAM	12	0	20.07	20.13	20.11	20.70
5	256QAM	12	7	20.06	20.21	20.09	20.70
5	256QAM	12	13	20.03	20.16	20.07	20.70
5	256QAM	25	0	19.93	20.19	20.04	20.70
Channel				26705	26865	27025	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	QPSK	1	0	24.54	24.57	24.65	25.20
3	QPSK	1	8	24.42	24.50	24.33	25.20
3	QPSK	1	14	24.39	24.63	24.59	25.20
3	QPSK	8	0	24.19	24.20	24.20	24.70
3	QPSK	8	4	24.07	24.16	24.19	24.70
3	QPSK	8	7	23.88	24.11	23.91	24.70
3	QPSK	15	0	23.93	24.04	23.95	24.70
3	16QAM	1	0	23.88	24.17	23.95	24.70
3	16QAM	1	8	24.02	24.09	24.04	24.70
3	16QAM	1	14	23.91	24.05	24.05	24.70
3	16QAM	8	0	23.08	23.30	23.26	23.70
3	16QAM	8	4	22.87	23.03	23.02	23.70
3	16QAM	8	7	22.88	23.03	22.98	23.70
3	16QAM	15	0	22.91	23.08	23.02	23.70
3	64QAM	1	0	23.03	23.16	23.13	23.70
3	64QAM	1	8	23.02	23.07	22.98	23.70
3	64QAM	1	14	22.97	23.20	22.99	23.70
3	64QAM	8	0	21.90	22.05	21.89	22.70
3	64QAM	8	4	22.03	22.11	22.06	22.70
3	64QAM	8	7	22.20	22.22	22.25	22.70
3	64QAM	15	0	21.94	22.06	22.01	22.70
3	256QAM	1	0	19.98	20.08	20.06	20.70
3	256QAM	1	8	20.03	20.07	20.11	20.70
3	256QAM	1	14	20.09	20.19	20.20	20.70
3	256QAM	8	0	20.14	20.23	20.09	20.70
3	256QAM	8	4	20.05	20.12	20.18	20.70
3	256QAM	8	7	20.06	20.21	20.06	20.70
3	256QAM	15	0	19.97	20.12	20.05	20.70
Channel				26697	26865	27033	Tune-up limit
Frequency (MHz)				814.7	831.5	848.3	(dBm)
1.4	QPSK	1	0	24.58	24.58	24.66	25.20
1.4	QPSK	1	3	24.34	24.45	24.42	25.20
1.4	QPSK	1	5	24.45	24.62	24.56	25.20
1.4	QPSK	3	0	24.66	24.74	24.76	25.20
1.4	QPSK	3	1	24.60	24.68	24.70	25.20
1.4	QPSK	3	3	24.46	24.63	24.41	25.20
1.4	QPSK	6	0	24.02	24.08	24.01	24.70
1.4	16QAM	1	0	23.88	24.08	23.92	24.70
1.4	16QAM	1	3	24.03	24.15	24.01	24.70
1.4	16QAM	1	5	23.95	24.04	23.98	24.70
1.4	16QAM	3	0	24.02	24.23	24.16	24.70
1.4	16QAM	3	1	23.96	24.09	23.99	24.70
1.4	16QAM	3	3	23.88	24.08	23.98	24.70
1.4	16QAM	6	0	22.97	23.17	23.03	23.70
1.4	64QAM	1	0	22.99	23.15	23.09	23.70
1.4	64QAM	1	3	22.94	23.03	22.89	23.70
1.4	64QAM	1	5	23.01	23.09	23.01	23.70
1.4	64QAM	3	0	22.89	23.07	22.85	23.70
1.4	64QAM	3	1	22.92	23.07	23.00	23.70

1.4	64QAM	3	3	23.21	23.18	23.12	23.70
1.4	64QAM	6	0	21.93	22.06	21.95	22.70
1.4	256QAM	1	0	19.91	20.20	20.16	20.70
1.4	256QAM	1	3	20.04	20.04	20.03	20.70
1.4	256QAM	1	5	20.11	20.16	20.16	20.70
1.4	256QAM	3	0	20.09	20.22	20.12	20.70
1.4	256QAM	3	1	20.08	20.18	20.09	20.70
1.4	256QAM	3	3	19.96	20.14	20.12	20.70
1.4	256QAM	6	0	19.97	20.07	20.03	20.70

【LTE Band 26__FCC (814~849MHz)_Ant 0_DSI 5】

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	24.66	24.71	24.69	25.20
15	QPSK	1	37	24.46	24.52	24.44	25.20
15	QPSK	1	74	24.50	24.67	24.61	25.20
15	QPSK	36	0	24.22	24.35	24.31	24.70
15	QPSK	36	20	24.15	24.30	24.27	24.70
15	QPSK	36	39	24.03	24.16	24.05	24.70
15	QPSK	75	0	24.06	24.15	24.06	24.70
15	16QAM	1	0	24.02	24.22	24.07	24.70
15	16QAM	1	37	24.10	24.18	24.14	24.70
15	16QAM	1	74	24.06	24.16	24.09	24.70
15	16QAM	36	0	23.15	23.32	23.28	23.70
15	16QAM	36	20	22.98	23.17	23.06	23.70
15	16QAM	36	39	22.97	23.16	23.05	23.70
15	16QAM	75	0	23.02	23.20	23.08	23.70
15	64QAM	1	0	23.05	23.25	23.17	23.70
15	64QAM	1	37	23.05	23.11	23.03	23.70
15	64QAM	1	74	23.07	23.23	23.14	23.70
15	64QAM	36	0	21.98	22.10	21.94	22.70
15	64QAM	36	20	22.05	22.18	22.12	22.70
15	64QAM	36	39	22.23	22.33	22.27	22.70
15	64QAM	75	0	21.99	22.15	22.09	22.70
15	256QAM	1	0	20.05	20.23	20.18	20.70
15	256QAM	1	37	20.06	20.15	20.12	20.70
15	256QAM	1	74	20.17	20.30	20.26	20.70
15	256QAM	36	0	20.18	20.26	20.22	20.70
15	256QAM	36	20	20.17	20.24	20.21	20.70
15	256QAM	36	39	20.10	20.27	20.17	20.70
15	256QAM	75	0	20.03	20.21	20.15	20.70
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	24.55	24.63	24.60	25.20
10	QPSK	1	25	24.43	24.47	24.42	25.20
10	QPSK	1	49	24.36	24.58	24.47	25.20
10	QPSK	25	0	24.15	24.30	24.27	24.70
10	QPSK	25	12	24.01	24.28	24.12	24.70
10	QPSK	25	25	24.00	24.11	23.92	24.70
10	QPSK	50	0	23.93	24.04	23.96	24.70
10	16QAM	1	0	23.95	24.14	23.94	24.70
10	16QAM	1	25	24.03	24.13	24.01	24.70
10	16QAM	1	49	24.04	24.04	24.02	24.70
10	16QAM	25	0	23.07	23.24	23.21	23.70
10	16QAM	25	12	22.85	23.08	22.94	23.70
10	16QAM	25	25	22.96	23.12	23.01	23.70
10	16QAM	50	0	22.89	23.06	23.04	23.70
10	64QAM	1	0	23.03	23.16	23.15	23.70
10	64QAM	1	25	22.96	22.96	22.88	23.70
10	64QAM	1	49	22.99	23.22	23.04	23.70
10	64QAM	25	0	21.85	21.96	21.85	22.70
10	64QAM	25	12	22.03	22.14	22.01	22.70
10	64QAM	25	25	22.17	22.25	22.12	22.70
10	64QAM	50	0	21.88	22.10	22.01	22.70
10	256QAM	1	0	19.92	20.17	20.08	20.70
10	256QAM	1	25	19.92	20.05	19.98	20.70
10	256QAM	1	49	20.15	20.25	20.18	20.70

10	256QAM	25	0	20.12	20.16	20.15	20.70
10	256QAM	25	12	20.08	20.14	20.17	20.70
10	256QAM	25	25	20.05	20.20	20.08	20.70
10	256QAM	50	0	19.99	20.19	20.06	20.70
Channel				26715	26865	27015	Tune-up limit
Frequency (MHz)				816.5	831.5	846.5	(dBm)
5	QPSK	1	0	24.63	24.62	24.57	25.20
5	QPSK	1	12	24.38	24.45	24.39	25.20
5	QPSK	1	24	24.46	24.61	24.59	25.20
5	QPSK	12	0	24.12	24.32	24.23	24.70
5	QPSK	12	7	24.12	24.18	24.22	24.70
5	QPSK	12	13	23.96	24.02	24.01	24.70
5	QPSK	25	0	23.96	24.06	23.93	24.70
5	16QAM	1	0	23.91	24.10	24.01	24.70
5	16QAM	1	12	24.03	24.16	24.02	24.70
5	16QAM	1	24	24.03	24.11	24.00	24.70
5	16QAM	12	0	23.03	23.18	23.14	23.70
5	16QAM	12	7	22.96	23.06	23.05	23.70
5	16QAM	12	13	22.87	23.10	23.01	23.70
5	16QAM	25	0	22.98	23.15	22.95	23.70
5	64QAM	1	0	22.94	23.24	23.10	23.70
5	64QAM	1	12	22.95	23.09	22.96	23.70
5	64QAM	1	24	22.96	23.09	23.10	23.70
5	64QAM	12	0	21.92	22.07	21.79	22.70
5	64QAM	12	7	21.95	22.15	22.03	22.70
5	64QAM	12	13	22.10	22.26	22.19	22.70
5	64QAM	25	0	21.95	22.03	22.07	22.70
5	256QAM	1	0	19.93	20.09	20.16	20.70
5	256QAM	1	12	20.05	20.12	20.11	20.70
5	256QAM	1	24	20.15	20.21	20.19	20.70
5	256QAM	12	0	20.07	20.13	20.11	20.70
5	256QAM	12	7	20.06	20.21	20.09	20.70
5	256QAM	12	13	20.03	20.16	20.07	20.70
5	256QAM	25	0	19.93	20.19	20.04	20.70
Channel				26705	26865	27025	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	QPSK	1	0	24.54	24.57	24.65	25.20
3	QPSK	1	8	24.42	24.50	24.33	25.20
3	QPSK	1	14	24.39	24.63	24.59	25.20
3	QPSK	8	0	24.19	24.20	24.20	24.70
3	QPSK	8	4	24.07	24.16	24.19	24.70
3	QPSK	8	7	23.88	24.11	23.91	24.70
3	QPSK	15	0	23.93	24.04	23.95	24.70
3	16QAM	1	0	23.88	24.17	23.95	24.70
3	16QAM	1	8	24.02	24.09	24.04	24.70
3	16QAM	1	14	23.91	24.05	24.05	24.70
3	16QAM	8	0	23.08	23.30	23.26	23.70
3	16QAM	8	4	22.87	23.03	23.02	23.70
3	16QAM	8	7	22.88	23.03	22.98	23.70
3	16QAM	15	0	22.91	23.08	23.02	23.70
3	64QAM	1	0	23.03	23.16	23.13	23.70
3	64QAM	1	8	23.02	23.07	22.98	23.70
3	64QAM	1	14	22.97	23.20	22.99	23.70
3	64QAM	8	0	21.90	22.05	21.89	22.70
3	64QAM	8	4	22.03	22.11	22.06	22.70
3	64QAM	8	7	22.20	22.22	22.25	22.70
3	64QAM	15	0	21.94	22.06	22.01	22.70
3	256QAM	1	0	19.98	20.08	20.06	20.70
3	256QAM	1	8	20.03	20.07	20.11	20.70
3	256QAM	1	14	20.09	20.19	20.20	20.70
3	256QAM	8	0	20.14	20.23	20.09	20.70
3	256QAM	8	4	20.05	20.12	20.18	20.70
3	256QAM	8	7	20.06	20.21	20.06	20.70
3	256QAM	15	0	19.97	20.12	20.05	20.70
Channel				26697	26865	27033	Tune-up limit
Frequency (MHz)				814.7	831.5	848.3	(dBm)
1.4	QPSK	1	0	24.58	24.58	24.66	25.20
1.4	QPSK	1	3	24.34	24.45	24.42	25.20
1.4	QPSK	1	5	24.45	24.62	24.56	25.20
1.4	QPSK	3	0	24.66	24.74	24.76	25.20
1.4	QPSK	3	1	24.60	24.68	24.70	25.20
1.4	QPSK	3	3	24.46	24.63	24.41	25.20
1.4	QPSK	6	0	24.02	24.08	24.01	24.70
1.4	16QAM	1	0	23.88	24.08	23.92	24.70

1.4	16QAM	1	3	24.03	24.15	24.01	24.70
1.4	16QAM	1	5	23.95	24.04	23.98	24.70
1.4	16QAM	3	0	24.02	24.23	24.16	24.70
1.4	16QAM	3	1	23.96	24.09	23.99	24.70
1.4	16QAM	3	3	23.88	24.08	23.98	24.70
1.4	16QAM	6	0	22.97	23.17	23.03	23.70
1.4	64QAM	1	0	22.99	23.15	23.09	23.70
1.4	64QAM	1	3	22.94	23.03	22.89	23.70
1.4	64QAM	1	5	23.01	23.09	23.01	23.70
1.4	64QAM	3	0	22.89	23.07	22.85	23.70
1.4	64QAM	3	1	22.92	23.07	23.00	23.70
1.4	64QAM	3	3	23.21	23.18	23.12	23.70
1.4	64QAM	6	0	21.93	22.06	21.95	22.70
1.4	256QAM	1	0	19.91	20.20	20.16	20.70
1.4	256QAM	1	3	20.04	20.04	20.03	20.70
1.4	256QAM	1	5	20.11	20.16	20.16	20.70
1.4	256QAM	3	0	20.09	20.22	20.12	20.70
1.4	256QAM	3	1	20.08	20.18	20.09	20.70
1.4	256QAM	3	3	19.96	20.14	20.12	20.70
1.4	256QAM	6	0	19.97	20.07	20.03	20.70

【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	25.13	25.20	25.19	25.70
15	QPSK	1	37	24.82	24.99	24.89	25.70
15	QPSK	1	74	24.94	25.09	24.97	25.70
15	QPSK	36	0	24.15	24.26	24.20	24.70
15	QPSK	36	20	24.14	24.10	24.11	24.70
15	QPSK	36	39	24.10	24.23	24.20	24.70
15	QPSK	75	0	24.06	24.14	24.06	24.70
15	16QAM	1	0	24.01	24.15	24.12	24.70
15	16QAM	1	37	24.07	24.24	24.21	24.70
15	16QAM	1	74	24.05	24.22	24.15	24.70
15	16QAM	36	0	22.97	23.12	23.04	23.70
15	16QAM	36	20	22.94	23.10	23.04	23.70
15	16QAM	36	39	23.05	23.15	23.06	23.70
15	16QAM	75	0	22.92	23.10	23.06	23.70
15	64QAM	1	0	23.03	23.15	23.07	23.70
15	64QAM	1	37	23.13	23.26	23.11	23.70
15	64QAM	1	74	23.01	23.14	23.05	23.70
15	64QAM	36	0	21.93	22.10	22.03	22.70
15	64QAM	36	20	22.07	22.18	22.16	22.70
15	64QAM	36	39	22.10	22.25	22.22	22.70
15	64QAM	75	0	21.96	22.10	21.96	22.70
15	256QAM	1	0	19.95	20.13	20.10	20.70
15	256QAM	1	37	20.11	20.29	20.21	20.70
15	256QAM	1	74	20.14	20.21	20.14	20.70
15	256QAM	36	0	20.00	20.19	20.16	20.70
15	256QAM	36	20	20.02	20.18	20.15	20.70
15	256QAM	36	39	20.04	20.21	20.08	20.70
15	256QAM	75	0	20.11	20.22	20.09	20.70
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	25.01	25.18	25.09	25.70
10	QPSK	1	25	24.78	24.97	24.82	25.70
10	QPSK	1	49	24.91	25.05	24.89	25.70
10	QPSK	25	0	23.96	24.10	23.98	24.70
10	QPSK	25	12	24.10	24.23	23.98	24.70
10	QPSK	25	25	23.96	24.19	24.12	24.70
10	QPSK	50	0	23.93	24.05	23.92	24.70
10	16QAM	1	0	23.88	24.07	24.02	24.70
10	16QAM	1	25	24.03	24.12	24.06	24.70
10	16QAM	1	49	23.91	24.13	24.07	24.70
10	16QAM	25	0	22.92	23.07	22.93	23.70
10	16QAM	25	12	22.80	23.06	22.90	23.70
10	16QAM	25	25	22.92	23.12	23.04	23.70

10	16QAM	50	0	22.78	23.01	22.99	23.70
10	64QAM	1	0	22.90	23.00	23.06	23.70
10	64QAM	1	25	23.06	23.19	22.98	23.70
10	64QAM	1	49	22.91	23.08	22.95	23.70
10	64QAM	25	0	21.78	22.06	22.00	22.70
10	64QAM	25	12	21.96	22.14	22.11	22.70
10	64QAM	25	25	21.97	22.13	22.07	22.70
10	64QAM	50	0	21.93	21.99	21.89	22.70
10	256QAM	1	0	19.81	20.02	20.00	20.70
10	256QAM	1	25	20.05	20.17	20.13	20.70
10	256QAM	1	49	20.01	20.17	19.99	20.70
10	256QAM	25	0	19.89	20.12	20.02	20.70
10	256QAM	25	12	19.98	20.04	20.12	20.70
10	256QAM	25	25	19.92	20.08	19.99	20.70
10	256QAM	50	0	20.07	20.14	20.06	20.70
Channel				26715	26865	27015	Tune-up limit
Frequency (MHz)				816.5	831.5	846.5	(dBm)
5	QPSK	1	0	25.00	25.09	25.07	25.70
5	QPSK	1	12	24.73	24.98	24.81	25.70
5	QPSK	1	24	24.82	25.06	24.82	25.70
5	QPSK	12	0	23.99	24.10	24.00	24.70
5	QPSK	12	7	24.11	24.15	23.97	24.70
5	QPSK	12	13	24.04	24.22	24.13	24.70
5	QPSK	25	0	23.98	24.00	23.96	24.70
5	16QAM	1	0	23.87	24.12	23.98	24.70
5	16QAM	1	12	23.94	24.23	24.18	24.70
5	16QAM	1	24	23.95	24.15	24.05	24.70
5	16QAM	12	0	22.86	22.98	23.01	23.70
5	16QAM	12	7	22.79	23.00	22.92	23.70
5	16QAM	12	13	22.98	23.07	22.92	23.70
5	16QAM	25	0	22.79	22.99	22.96	23.70
5	64QAM	1	0	23.00	23.00	22.97	23.70
5	64QAM	1	12	23.06	23.25	23.09	23.70
5	64QAM	1	24	22.91	22.99	22.94	23.70
5	64QAM	12	0	21.78	21.99	21.92	22.70
5	64QAM	12	7	22.06	22.06	22.03	22.70
5	64QAM	12	13	22.01	22.22	22.11	22.70
5	64QAM	25	0	21.86	21.96	21.85	22.70
5	256QAM	1	0	19.83	20.10	19.96	20.70
5	256QAM	1	12	20.08	20.27	20.18	20.70
5	256QAM	1	24	20.04	20.15	20.08	20.70
5	256QAM	12	0	19.88	20.17	20.08	20.70
5	256QAM	12	7	19.91	20.12	20.12	20.70
5	256QAM	12	13	19.96	20.07	20.04	20.70
5	256QAM	25	0	20.05	20.11	19.94	20.70
Channel				26705	26865	27025	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	QPSK	1	0	25.05	25.19	25.17	25.70
3	QPSK	1	8	24.70	24.97	24.75	25.70
3	QPSK	1	14	24.88	24.98	24.89	25.70
3	QPSK	8	0	24.00	24.07	23.92	24.70
3	QPSK	8	4	24.02	24.24	24.09	24.70
3	QPSK	8	7	24.08	24.14	24.17	24.70
3	QPSK	15	0	24.02	24.06	24.02	24.70
3	16QAM	1	0	23.87	24.09	24.07	24.70
3	16QAM	1	8	23.94	24.13	24.16	24.70
3	16QAM	1	14	23.92	24.09	24.14	24.70
3	16QAM	8	0	22.91	23.09	22.90	23.70
3	16QAM	8	4	22.91	23.08	22.91	23.70
3	16QAM	8	7	23.01	23.09	23.02	23.70
3	16QAM	15	0	22.87	23.00	22.93	23.70
3	64QAM	1	0	22.93	23.05	23.03	23.70
3	64QAM	1	8	23.08	23.24	23.00	23.70
3	64QAM	1	14	22.99	23.11	22.94	23.70
3	64QAM	8	0	21.90	21.96	21.91	22.70
3	64QAM	8	4	21.92	22.13	22.12	22.70
3	64QAM	8	7	22.00	22.16	22.15	22.70
3	64QAM	15	0	21.88	22.08	21.89	22.70
3	256QAM	1	0	19.86	20.01	20.04	20.70
3	256QAM	1	8	19.99	20.18	20.20	20.70
3	256QAM	1	14	20.09	20.14	20.06	20.70
3	256QAM	8	0	19.93	20.11	20.08	20.70
3	256QAM	8	4	19.92	20.04	20.11	20.70
3	256QAM	8	7	19.94	20.13	19.95	20.70

3	256QAM	15	0	20.06	20.12	20.03	20.70
Channel				26697	26865	27033	Tune-up limit (dBm)
Frequency (MHz)				814.7	831.5	848.3	
1.4	QPSK	1	0	25.04	25.17	25.13	25.70
1.4	QPSK	1	3	24.75	24.93	24.76	25.70
1.4	QPSK	1	5	24.92	25.03	24.94	25.70
1.4	QPSK	3	0	24.96	25.15	24.97	25.70
1.4	QPSK	3	1	25.05	25.23	25.02	25.70
1.4	QPSK	3	3	25.01	25.18	25.18	25.70
1.4	QPSK	6	0	23.92	24.03	23.98	24.70
1.4	16QAM	1	0	23.95	24.02	24.10	24.70
1.4	16QAM	1	3	23.95	24.16	24.17	24.70
1.4	16QAM	1	5	23.99	24.08	24.00	24.70
1.4	16QAM	3	0	23.90	23.98	23.89	24.70
1.4	16QAM	3	1	23.92	23.99	23.99	24.70
1.4	16QAM	3	3	23.97	24.13	24.00	24.70
1.4	16QAM	6	0	22.89	22.96	23.01	23.70
1.4	64QAM	1	0	22.98	23.10	23.01	23.70
1.4	64QAM	1	3	23.07	23.14	23.10	23.70
1.4	64QAM	1	5	22.90	23.10	22.92	23.70
1.4	64QAM	3	0	22.87	22.96	22.89	23.70
1.4	64QAM	3	1	23.04	23.09	23.13	23.70
1.4	64QAM	3	3	22.99	23.14	23.10	23.70
1.4	64QAM	6	0	21.90	22.00	21.85	22.70
1.4	256QAM	1	0	19.90	20.05	20.07	20.70
1.4	256QAM	1	3	20.03	20.21	20.19	20.70
1.4	256QAM	1	5	20.01	20.06	20.09	20.70
1.4	256QAM	3	0	19.91	20.18	20.15	20.70
1.4	256QAM	3	1	19.93	20.07	20.05	20.70
1.4	256QAM	3	3	19.93	20.07	20.05	20.70
1.4	256QAM	6	0	20.04	20.09	19.95	20.70

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

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26765	26865	26965	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	19.75	19.80	19.79	20.20
15	QPSK	1	37	19.57	19.73	19.64	20.20
15	QPSK	1	74	19.61	19.74	19.63	20.20
15	QPSK	36	0	19.70	19.76	19.64	20.20
15	QPSK	36	20	19.53	19.60	19.53	20.20
15	QPSK	36	39	19.49	19.66	19.54	20.20
15	QPSK	75	0	19.59	19.75	19.73	20.20
15	16QAM	1	0	19.42	19.59	19.46	20.20
15	16QAM	1	37	19.50	19.65	19.51	20.20
15	16QAM	1	74	19.60	19.71	19.56	20.20
15	16QAM	36	0	19.54	19.68	19.57	20.20
15	16QAM	36	20	19.56	19.75	19.69	20.20
15	16QAM	36	39	19.59	19.73	19.64	20.20
15	16QAM	75	0	19.61	19.71	19.59	20.20
15	64QAM	1	0	19.53	19.69	19.66	20.20
15	64QAM	1	37	19.72	19.78	19.73	20.20
15	64QAM	1	74	19.40	19.58	19.43	20.20
15	64QAM	36	0	19.59	19.72	19.60	20.20
15	64QAM	36	20	19.74	19.80	19.67	20.20
15	64QAM	36	39	19.62	19.78	19.62	20.20
15	64QAM	75	0	19.49	19.63	19.60	20.20
15	256QAM	1	0	19.68	19.79	19.75	20.20
15	256QAM	1	37	19.68	19.81	19.73	20.20
15	256QAM	1	74	19.52	19.59	19.48	20.20
15	256QAM	36	0	19.51	19.60	19.57	20.20
15	256QAM	36	20	19.60	19.69	19.59	20.20
15	256QAM	36	39	19.59	19.67	19.64	20.20
15	256QAM	75	0	19.64	19.78	19.73	20.20
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	19.69	19.67	19.76	20.20
10	QPSK	1	25	19.56	19.72	19.60	20.20

10	QPSK	1	49	19.47	19.63	19.59	20.20
10	QPSK	25	0	19.63	19.62	19.56	20.20
10	QPSK	25	12	19.44	19.46	19.41	20.20
10	QPSK	25	25	19.41	19.55	19.47	20.20
10	QPSK	50	0	19.54	19.65	19.68	20.20
10	16QAM	1	0	19.34	19.57	19.33	20.20
10	16QAM	1	25	19.45	19.56	19.49	20.20
10	16QAM	1	49	19.46	19.58	19.53	20.20
10	16QAM	25	0	19.43	19.57	19.52	20.20
10	16QAM	25	12	19.45	19.72	19.61	20.20
10	16QAM	25	25	19.53	19.69	19.54	20.20
10	16QAM	50	0	19.54	19.57	19.55	20.20
10	64QAM	1	0	19.48	19.64	19.63	20.20
10	64QAM	1	25	19.59	19.77	19.68	20.20
10	64QAM	1	49	19.28	19.55	19.35	20.20
10	64QAM	25	0	19.53	19.58	19.59	20.20
10	64QAM	25	12	19.67	19.72	19.59	20.20
10	64QAM	25	25	19.57	19.64	19.50	20.20
10	64QAM	50	0	19.41	19.60	19.46	20.20
10	256QAM	1	0	19.62	19.76	19.67	20.20
10	256QAM	1	25	19.58	19.69	19.65	20.20
10	256QAM	1	49	19.48	19.48	19.37	20.20
10	256QAM	25	0	19.41	19.49	19.44	20.20
10	256QAM	25	12	19.57	19.58	19.52	20.20
10	256QAM	25	25	19.47	19.65	19.53	20.20
10	256QAM	50	0	19.53	19.72	19.70	20.20
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	19.67	19.72	19.72	20.20
5	QPSK	1	12	19.45	19.69	19.54	20.20
5	QPSK	1	24	19.55	19.66	19.61	20.20
5	QPSK	12	0	19.67	19.66	19.55	20.20
5	QPSK	12	7	19.41	19.50	19.47	20.20
5	QPSK	12	13	19.47	19.53	19.41	20.20
5	QPSK	25	0	19.56	19.69	19.69	20.20
5	16QAM	1	0	19.30	19.57	19.32	20.20
5	16QAM	1	12	19.46	19.57	19.48	20.20
5	16QAM	1	24	19.57	19.60	19.53	20.20
5	16QAM	12	0	19.47	19.63	19.52	20.20
5	16QAM	12	7	19.43	19.73	19.65	20.20
5	16QAM	12	13	19.54	19.58	19.52	20.20
5	16QAM	25	0	19.47	19.67	19.47	20.20
5	64QAM	1	0	19.41	19.59	19.57	20.20
5	64QAM	1	12	19.66	19.76	19.67	20.20
5	64QAM	1	24	19.38	19.56	19.38	20.20
5	64QAM	12	0	19.58	19.63	19.49	20.20
5	64QAM	12	7	19.63	19.66	19.53	20.20
5	64QAM	12	13	19.49	19.77	19.59	20.20
5	64QAM	25	0	19.43	19.56	19.49	20.20
5	256QAM	1	0	19.58	19.68	19.61	20.20
5	256QAM	1	12	19.65	19.79	19.62	20.20
5	256QAM	1	24	19.43	19.55	19.36	20.20
5	256QAM	12	0	19.43	19.59	19.51	20.20
5	256QAM	12	7	19.53	19.59	19.48	20.20
5	256QAM	12	13	19.47	19.63	19.61	20.20
5	256QAM	25	0	19.57	19.66	19.67	20.20
Channel				26705	26865	27025	Tune-up limit (dBm)
Frequency (MHz)				815.5	831.5	847.5	
3	QPSK	1	0	19.68	19.67	19.65	20.20
3	QPSK	1	8	19.47	19.69	19.49	20.20
3	QPSK	1	14	19.59	19.65	19.52	20.20
3	QPSK	8	0	19.57	19.69	19.53	20.20
3	QPSK	8	4	19.39	19.54	19.39	20.20
3	QPSK	8	7	19.36	19.63	19.40	20.20
3	QPSK	15	0	19.58	19.61	19.60	20.20
3	16QAM	1	0	19.31	19.48	19.38	20.20
3	16QAM	1	8	19.36	19.61	19.49	20.20
3	16QAM	1	14	19.49	19.64	19.45	20.20
3	16QAM	8	0	19.49	19.64	19.46	20.20
3	16QAM	8	4	19.53	19.63	19.59	20.20
3	16QAM	8	7	19.55	19.65	19.53	20.20
3	16QAM	15	0	19.52	19.69	19.44	20.20
3	64QAM	1	0	19.51	19.68	19.65	20.20
3	64QAM	1	8	19.70	19.75	19.66	20.20

3	64QAM	1	14	19.29	19.52	19.30	20.20
3	64QAM	8	0	19.56	19.70	19.49	20.20
3	64QAM	8	4	19.71	19.70	19.61	20.20
3	64QAM	8	7	19.53	19.63	19.52	20.20
3	64QAM	15	0	19.40	19.56	19.58	20.20
3	256QAM	1	0	19.58	19.70	19.69	20.20
3	256QAM	1	8	19.55	19.74	19.65	20.20
3	256QAM	1	14	19.45	19.50	19.42	20.20
3	256QAM	8	0	19.47	19.48	19.47	20.20
3	256QAM	8	4	19.57	19.60	19.53	20.20
3	256QAM	8	7	19.49	19.57	19.62	20.20
3	256QAM	15	0	19.56	19.74	19.67	20.20
Channel				26697	26865	27033	Tune-up limit (dBm)
Frequency (MHz)				814.7	831.5	848.3	
1.4	QPSK	1	0	19.69	19.76	19.74	20.20
1.4	QPSK	1	3	19.50	19.58	19.59	20.20
1.4	QPSK	1	5	19.58	19.69	19.48	20.20
1.4	QPSK	3	0	19.60	19.61	19.55	20.20
1.4	QPSK	3	1	19.44	19.48	19.38	20.20
1.4	QPSK	3	3	19.44	19.54	19.39	20.20
1.4	QPSK	6	0	19.52	19.68	19.69	20.20
1.4	16QAM	1	0	19.28	19.45	19.41	20.20
1.4	16QAM	1	3	19.47	19.57	19.42	20.20
1.4	16QAM	1	5	19.56	19.61	19.44	20.20
1.4	16QAM	3	0	19.41	19.56	19.47	20.20
1.4	16QAM	3	1	19.44	19.69	19.67	20.20
1.4	16QAM	3	3	19.47	19.62	19.59	20.20
1.4	16QAM	6	0	19.57	19.56	19.46	20.20
1.4	64QAM	1	0	19.49	19.59	19.57	20.20
1.4	64QAM	1	3	19.67	19.64	19.59	20.20
1.4	64QAM	1	5	19.36	19.50	19.38	20.20
1.4	64QAM	3	0	19.56	19.57	19.56	20.20
1.4	64QAM	3	1	19.71	19.75	19.58	20.20
1.4	64QAM	3	3	19.58	19.75	19.60	20.20
1.4	64QAM	6	0	19.38	19.56	19.49	20.20
1.4	256QAM	1	0	19.56	19.64	19.69	20.20
1.4	256QAM	1	3	19.58	19.72	19.69	20.20
1.4	256QAM	1	5	19.48	19.57	19.35	20.20
1.4	256QAM	3	0	19.47	19.51	19.47	20.20
1.4	256QAM	3	1	19.53	19.63	19.46	20.20
1.4	256QAM	3	3	19.53	19.61	19.58	20.20
1.4	256QAM	6	0	19.58	19.67	19.59	20.20

【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	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	19.75	19.80	19.79	20.20
15	QPSK	1	37	19.57	19.73	19.64	20.20
15	QPSK	1	74	19.61	19.74	19.63	20.20
15	QPSK	36	0	19.70	19.76	19.64	20.20
15	QPSK	36	20	19.53	19.60	19.53	20.20
15	QPSK	36	39	19.49	19.66	19.54	20.20
15	QPSK	75	0	19.59	19.75	19.73	20.20
15	16QAM	1	0	19.42	19.59	19.46	20.20
15	16QAM	1	37	19.50	19.65	19.51	20.20
15	16QAM	1	74	19.60	19.71	19.56	20.20
15	16QAM	36	0	19.54	19.68	19.57	20.20
15	16QAM	36	20	19.56	19.75	19.69	20.20
15	16QAM	36	39	19.59	19.73	19.64	20.20
15	16QAM	75	0	19.61	19.71	19.59	20.20
15	64QAM	1	0	19.53	19.69	19.66	20.20
15	64QAM	1	37	19.72	19.78	19.73	20.20
15	64QAM	1	74	19.40	19.58	19.43	20.20
15	64QAM	36	0	19.59	19.72	19.60	20.20
15	64QAM	36	20	19.74	19.80	19.67	20.20
15	64QAM	36	39	19.62	19.78	19.62	20.20
15	64QAM	75	0	19.49	19.63	19.60	20.20

15	256QAM	1	0	19.68	19.79	19.75	20.20
15	256QAM	1	37	19.68	19.81	19.73	20.20
15	256QAM	1	74	19.52	19.59	19.48	20.20
15	256QAM	36	0	19.51	19.60	19.57	20.20
15	256QAM	36	20	19.60	19.69	19.59	20.20
15	256QAM	36	39	19.59	19.67	19.64	20.20
15	256QAM	75	0	19.64	19.78	19.73	20.20
Channel				26740	26865	26990	Tune-up limit
Frequency (MHz)				819	831.5	844	(dBm)
10	QPSK	1	0	19.69	19.67	19.76	20.20
10	QPSK	1	25	19.56	19.72	19.60	20.20
10	QPSK	1	49	19.47	19.63	19.59	20.20
10	QPSK	25	0	19.63	19.62	19.56	20.20
10	QPSK	25	12	19.44	19.46	19.41	20.20
10	QPSK	25	25	19.41	19.55	19.47	20.20
10	QPSK	50	0	19.54	19.65	19.68	20.20
10	16QAM	1	0	19.34	19.57	19.33	20.20
10	16QAM	1	25	19.45	19.56	19.49	20.20
10	16QAM	1	49	19.46	19.58	19.53	20.20
10	16QAM	25	0	19.43	19.57	19.52	20.20
10	16QAM	25	12	19.45	19.72	19.61	20.20
10	16QAM	25	25	19.53	19.69	19.54	20.20
10	16QAM	50	0	19.54	19.57	19.55	20.20
10	64QAM	1	0	19.48	19.64	19.63	20.20
10	64QAM	1	25	19.59	19.77	19.68	20.20
10	64QAM	1	49	19.28	19.55	19.35	20.20
10	64QAM	25	0	19.53	19.58	19.59	20.20
10	64QAM	25	12	19.67	19.72	19.59	20.20
10	64QAM	25	25	19.57	19.64	19.50	20.20
10	64QAM	50	0	19.41	19.60	19.46	20.20
10	256QAM	1	0	19.62	19.76	19.67	20.20
10	256QAM	1	25	19.58	19.69	19.65	20.20
10	256QAM	1	49	19.48	19.48	19.37	20.20
10	256QAM	25	0	19.41	19.49	19.44	20.20
10	256QAM	25	12	19.57	19.58	19.52	20.20
10	256QAM	25	25	19.47	19.65	19.53	20.20
10	256QAM	50	0	19.53	19.72	19.70	20.20
Channel				26715	26865	27015	Tune-up limit
Frequency (MHz)				816.5	831.5	846.5	(dBm)
5	QPSK	1	0	19.67	19.72	19.72	20.20
5	QPSK	1	12	19.45	19.69	19.54	20.20
5	QPSK	1	24	19.55	19.66	19.61	20.20
5	QPSK	12	0	19.67	19.66	19.55	20.20
5	QPSK	12	7	19.41	19.50	19.47	20.20
5	QPSK	12	13	19.47	19.53	19.41	20.20
5	QPSK	25	0	19.56	19.69	19.69	20.20
5	16QAM	1	0	19.30	19.57	19.32	20.20
5	16QAM	1	12	19.46	19.57	19.48	20.20
5	16QAM	1	24	19.57	19.60	19.53	20.20
5	16QAM	12	0	19.47	19.63	19.52	20.20
5	16QAM	12	7	19.43	19.73	19.65	20.20
5	16QAM	12	13	19.54	19.58	19.52	20.20
5	16QAM	25	0	19.47	19.67	19.47	20.20
5	64QAM	1	0	19.41	19.59	19.57	20.20
5	64QAM	1	12	19.66	19.76	19.67	20.20
5	64QAM	1	24	19.38	19.56	19.38	20.20
5	64QAM	12	0	19.58	19.63	19.49	20.20
5	64QAM	12	7	19.63	19.66	19.53	20.20
5	64QAM	12	13	19.49	19.77	19.59	20.20
5	64QAM	25	0	19.43	19.56	19.49	20.20
5	256QAM	1	0	19.58	19.68	19.61	20.20
5	256QAM	1	12	19.65	19.79	19.62	20.20
5	256QAM	1	24	19.43	19.55	19.36	20.20
5	256QAM	12	0	19.43	19.59	19.51	20.20
5	256QAM	12	7	19.53	19.59	19.48	20.20
5	256QAM	12	13	19.47	19.63	19.61	20.20
5	256QAM	25	0	19.57	19.66	19.67	20.20
Channel				26705	26865	27025	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	QPSK	1	0	19.68	19.67	19.65	20.20
3	QPSK	1	8	19.47	19.69	19.49	20.20
3	QPSK	1	14	19.59	19.65	19.52	20.20
3	QPSK	8	0	19.57	19.69	19.53	20.20
3	QPSK	8	4	19.39	19.54	19.39	20.20

3	QPSK	8	7	19.36	19.63	19.40	20.20
3	QPSK	15	0	19.58	19.61	19.60	20.20
3	16QAM	1	0	19.31	19.48	19.38	20.20
3	16QAM	1	8	19.36	19.61	19.49	20.20
3	16QAM	1	14	19.49	19.64	19.45	20.20
3	16QAM	8	0	19.49	19.64	19.46	20.20
3	16QAM	8	4	19.53	19.63	19.59	20.20
3	16QAM	8	7	19.55	19.65	19.53	20.20
3	16QAM	15	0	19.52	19.69	19.44	20.20
3	64QAM	1	0	19.51	19.68	19.65	20.20
3	64QAM	1	8	19.70	19.75	19.66	20.20
3	64QAM	1	14	19.29	19.52	19.30	20.20
3	64QAM	8	0	19.56	19.70	19.49	20.20
3	64QAM	8	4	19.71	19.70	19.61	20.20
3	64QAM	8	7	19.53	19.63	19.52	20.20
3	64QAM	15	0	19.40	19.56	19.58	20.20
3	256QAM	1	0	19.58	19.70	19.69	20.20
3	256QAM	1	8	19.55	19.74	19.65	20.20
3	256QAM	1	14	19.45	19.50	19.42	20.20
3	256QAM	8	0	19.47	19.48	19.47	20.20
3	256QAM	8	4	19.57	19.60	19.53	20.20
3	256QAM	8	7	19.49	19.57	19.62	20.20
3	256QAM	15	0	19.56	19.74	19.67	20.20
Channel				26697	26865	27033	Tune-up limit (dBm)
Frequency (MHz)				814.7	831.5	848.3	
1.4	QPSK	1	0	19.69	19.76	19.74	20.20
1.4	QPSK	1	3	19.50	19.58	19.59	20.20
1.4	QPSK	1	5	19.58	19.69	19.48	20.20
1.4	QPSK	3	0	19.60	19.61	19.55	20.20
1.4	QPSK	3	1	19.44	19.48	19.38	20.20
1.4	QPSK	3	3	19.44	19.54	19.39	20.20
1.4	QPSK	6	0	19.52	19.68	19.69	20.20
1.4	16QAM	1	0	19.28	19.45	19.41	20.20
1.4	16QAM	1	3	19.47	19.57	19.42	20.20
1.4	16QAM	1	5	19.56	19.61	19.44	20.20
1.4	16QAM	3	0	19.41	19.56	19.47	20.20
1.4	16QAM	3	1	19.44	19.69	19.67	20.20
1.4	16QAM	3	3	19.47	19.62	19.59	20.20
1.4	16QAM	6	0	19.57	19.56	19.46	20.20
1.4	64QAM	1	0	19.49	19.59	19.57	20.20
1.4	64QAM	1	3	19.67	19.64	19.59	20.20
1.4	64QAM	1	5	19.36	19.50	19.38	20.20
1.4	64QAM	3	0	19.56	19.57	19.56	20.20
1.4	64QAM	3	1	19.71	19.75	19.58	20.20
1.4	64QAM	3	3	19.58	19.75	19.60	20.20
1.4	64QAM	6	0	19.38	19.56	19.49	20.20
1.4	256QAM	1	0	19.56	19.64	19.69	20.20
1.4	256QAM	1	3	19.58	19.72	19.69	20.20
1.4	256QAM	1	5	19.48	19.57	19.35	20.20
1.4	256QAM	3	0	19.47	19.51	19.47	20.20
1.4	256QAM	3	1	19.53	19.63	19.46	20.20
1.4	256QAM	3	3	19.53	19.61	19.58	20.20
1.4	256QAM	6	0	19.58	19.67	19.59	20.20

【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	25.13	25.20	25.19	25.70
15	QPSK	1	37	24.82	24.99	24.89	25.70
15	QPSK	1	74	24.94	25.09	24.97	25.70
15	QPSK	36	0	24.15	24.26	24.20	24.70
15	QPSK	36	20	24.14	24.10	24.11	24.70
15	QPSK	36	39	24.10	24.23	24.20	24.70
15	QPSK	75	0	24.06	24.14	24.06	24.70
15	16QAM	1	0	24.01	24.15	24.12	24.70
15	16QAM	1	37	24.07	24.24	24.21	24.70
15	16QAM	1	74	24.05	24.22	24.15	24.70

15	16QAM	36	0	22.97	23.12	23.04	23.70
15	16QAM	36	20	22.94	23.10	23.04	23.70
15	16QAM	36	39	23.05	23.15	23.06	23.70
15	16QAM	75	0	22.92	23.10	23.06	23.70
15	64QAM	1	0	23.03	23.15	23.07	23.70
15	64QAM	1	37	23.13	23.26	23.11	23.70
15	64QAM	1	74	23.01	23.14	23.05	23.70
15	64QAM	36	0	21.93	22.10	22.03	22.70
15	64QAM	36	20	22.07	22.18	22.16	22.70
15	64QAM	36	39	22.10	22.25	22.22	22.70
15	64QAM	75	0	21.96	22.10	21.96	22.70
15	256QAM	1	0	19.95	20.13	20.10	20.70
15	256QAM	1	37	20.11	20.29	20.21	20.70
15	256QAM	1	74	20.14	20.21	20.14	20.70
15	256QAM	36	0	20.00	20.19	20.16	20.70
15	256QAM	36	20	20.02	20.18	20.15	20.70
15	256QAM	36	39	20.04	20.21	20.08	20.70
15	256QAM	75	0	20.11	20.22	20.09	20.70
Channel				26740	26865	26990	Tune-up limit
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	25.01	25.18	25.09	25.70
10	QPSK	1	25	24.78	24.97	24.82	25.70
10	QPSK	1	49	24.91	25.05	24.89	25.70
10	QPSK	25	0	23.96	24.10	23.98	24.70
10	QPSK	25	12	24.10	24.23	23.98	24.70
10	QPSK	25	25	23.96	24.19	24.12	24.70
10	QPSK	50	0	23.93	24.05	23.92	24.70
10	16QAM	1	0	23.88	24.07	24.02	24.70
10	16QAM	1	25	24.03	24.12	24.06	24.70
10	16QAM	1	49	23.91	24.13	24.07	24.70
10	16QAM	25	0	22.92	23.07	22.93	23.70
10	16QAM	25	12	22.80	23.06	22.90	23.70
10	16QAM	25	25	22.92	23.12	23.04	23.70
10	16QAM	50	0	22.78	23.01	22.99	23.70
10	64QAM	1	0	22.90	23.00	23.06	23.70
10	64QAM	1	25	23.06	23.19	22.98	23.70
10	64QAM	1	49	22.91	23.08	22.95	23.70
10	64QAM	25	0	21.78	22.06	22.00	22.70
10	64QAM	25	12	21.96	22.14	22.11	22.70
10	64QAM	25	25	21.97	22.13	22.07	22.70
10	64QAM	50	0	21.93	21.99	21.89	22.70
10	256QAM	1	0	19.81	20.02	20.00	20.70
10	256QAM	1	25	20.05	20.17	20.13	20.70
10	256QAM	1	49	20.01	20.17	19.99	20.70
10	256QAM	25	0	19.89	20.12	20.02	20.70
10	256QAM	25	12	19.98	20.04	20.12	20.70
10	256QAM	25	25	19.92	20.08	19.99	20.70
10	256QAM	50	0	20.07	20.14	20.06	20.70
Channel				26715	26865	27015	Tune-up limit
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	25.00	25.09	25.07	25.70
5	QPSK	1	12	24.73	24.98	24.81	25.70
5	QPSK	1	24	24.82	25.06	24.82	25.70
5	QPSK	12	0	23.99	24.10	24.00	24.70
5	QPSK	12	7	24.11	24.15	23.97	24.70
5	QPSK	12	13	24.04	24.22	24.13	24.70
5	QPSK	25	0	23.98	24.00	23.96	24.70
5	16QAM	1	0	23.87	24.12	23.98	24.70
5	16QAM	1	12	23.94	24.23	24.18	24.70
5	16QAM	1	24	23.95	24.15	24.05	24.70
5	16QAM	12	0	22.86	22.98	23.01	23.70
5	16QAM	12	7	22.79	23.00	22.92	23.70
5	16QAM	12	13	22.98	23.07	22.92	23.70
5	16QAM	25	0	22.79	22.99	22.96	23.70
5	64QAM	1	0	23.00	23.00	22.97	23.70
5	64QAM	1	12	23.06	23.25	23.09	23.70
5	64QAM	1	24	22.91	22.99	22.94	23.70
5	64QAM	12	0	21.78	21.99	21.92	22.70
5	64QAM	12	7	22.06	22.06	22.03	22.70
5	64QAM	12	13	22.01	22.22	22.11	22.70
5	64QAM	25	0	21.86	21.96	21.85	22.70
5	256QAM	1	0	19.83	20.10	19.96	20.70
5	256QAM	1	12	20.08	20.27	20.18	20.70
5	256QAM	1	24	20.04	20.15	20.08	20.70

5	256QAM	12	0	19.88	20.17	20.08	20.70
5	256QAM	12	7	19.91	20.12	20.12	20.70
5	256QAM	12	13	19.96	20.07	20.04	20.70
5	256QAM	25	0	20.05	20.11	19.94	20.70
Channel				26705	26865	27025	Tune-up limit (dBm)
Frequency (MHz)				815.5	831.5	847.5	
3	QPSK	1	0	25.05	25.19	25.17	25.70
3	QPSK	1	8	24.70	24.97	24.75	25.70
3	QPSK	1	14	24.88	24.98	24.89	25.70
3	QPSK	8	0	24.00	24.07	23.92	24.70
3	QPSK	8	4	24.02	24.24	24.09	24.70
3	QPSK	8	7	24.08	24.14	24.17	24.70
3	QPSK	15	0	24.02	24.06	24.02	24.70
3	16QAM	1	0	23.87	24.09	24.07	24.70
3	16QAM	1	8	23.94	24.13	24.16	24.70
3	16QAM	1	14	23.92	24.09	24.14	24.70
3	16QAM	8	0	22.91	23.09	22.90	23.70
3	16QAM	8	4	22.91	23.08	22.91	23.70
3	16QAM	8	7	23.01	23.09	23.02	23.70
3	16QAM	15	0	22.87	23.00	22.93	23.70
3	64QAM	1	0	22.93	23.05	23.03	23.70
3	64QAM	1	8	23.08	23.24	23.00	23.70
3	64QAM	1	14	22.99	23.11	22.94	23.70
3	64QAM	8	0	21.90	21.96	21.91	22.70
3	64QAM	8	4	21.92	22.13	22.12	22.70
3	64QAM	8	7	22.00	22.16	22.15	22.70
3	64QAM	15	0	21.88	22.08	21.89	22.70
3	256QAM	1	0	19.86	20.01	20.04	20.70
3	256QAM	1	8	19.99	20.18	20.20	20.70
3	256QAM	1	14	20.09	20.14	20.06	20.70
3	256QAM	8	0	19.93	20.11	20.08	20.70
3	256QAM	8	4	19.92	20.04	20.11	20.70
3	256QAM	8	7	19.94	20.13	19.95	20.70
3	256QAM	15	0	20.06	20.12	20.03	20.70
Channel				26697	26865	27033	Tune-up limit (dBm)
Frequency (MHz)				814.7	831.5	848.3	
1.4	QPSK	1	0	25.04	25.17	25.13	25.70
1.4	QPSK	1	3	24.75	24.93	24.76	25.70
1.4	QPSK	1	5	24.92	25.03	24.94	25.70
1.4	QPSK	3	0	24.96	25.15	24.97	25.70
1.4	QPSK	3	1	25.05	25.23	25.02	25.70
1.4	QPSK	3	3	25.01	25.18	25.18	25.70
1.4	QPSK	6	0	23.92	24.03	23.98	24.70
1.4	16QAM	1	0	23.95	24.02	24.10	24.70
1.4	16QAM	1	3	23.95	24.16	24.17	24.70
1.4	16QAM	1	5	23.99	24.08	24.00	24.70
1.4	16QAM	3	0	23.90	23.98	23.89	24.70
1.4	16QAM	3	1	23.92	23.99	23.99	24.70
1.4	16QAM	3	3	23.97	24.13	24.00	24.70
1.4	16QAM	6	0	22.89	22.96	23.01	23.70
1.4	64QAM	1	0	22.98	23.10	23.01	23.70
1.4	64QAM	1	3	23.07	23.14	23.10	23.70
1.4	64QAM	1	5	22.90	23.10	22.92	23.70
1.4	64QAM	3	0	22.87	22.96	22.89	23.70
1.4	64QAM	3	1	23.04	23.09	23.13	23.70
1.4	64QAM	3	3	22.99	23.14	23.10	23.70
1.4	64QAM	6	0	21.90	22.00	21.85	22.70
1.4	256QAM	1	0	19.90	20.05	20.07	20.70
1.4	256QAM	1	3	20.03	20.21	20.19	20.70
1.4	256QAM	1	5	20.01	20.06	20.09	20.70
1.4	256QAM	3	0	19.91	20.18	20.15	20.70
1.4	256QAM	3	1	19.93	20.07	20.05	20.70
1.4	256QAM	3	3	19.93	20.07	20.05	20.70
1.4	256QAM	6	0	20.04	20.09	19.95	20.70

【LTE Band 26_FCC (814~849MHz)_Ant 1_DSI 5】

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	19.75	19.80	19.79	20.20
15	QPSK	1	37	19.57	19.73	19.64	20.20
15	QPSK	1	74	19.61	19.74	19.63	20.20
15	QPSK	36	0	19.70	19.76	19.64	20.20
15	QPSK	36	20	19.53	19.60	19.53	20.20
15	QPSK	36	39	19.49	19.66	19.54	20.20
15	QPSK	75	0	19.59	19.75	19.73	20.20
15	16QAM	1	0	19.42	19.59	19.46	20.20
15	16QAM	1	37	19.50	19.65	19.51	20.20
15	16QAM	1	74	19.60	19.71	19.56	20.20
15	16QAM	36	0	19.54	19.68	19.57	20.20
15	16QAM	36	20	19.56	19.75	19.69	20.20
15	16QAM	36	39	19.59	19.73	19.64	20.20
15	16QAM	75	0	19.61	19.71	19.59	20.20
15	64QAM	1	0	19.53	19.69	19.66	20.20
15	64QAM	1	37	19.72	19.78	19.73	20.20
15	64QAM	1	74	19.40	19.58	19.43	20.20
15	64QAM	36	0	19.59	19.72	19.60	20.20
15	64QAM	36	20	19.74	19.80	19.67	20.20
15	64QAM	36	39	19.62	19.78	19.62	20.20
15	64QAM	75	0	19.49	19.63	19.60	20.20
15	256QAM	1	0	19.68	19.79	19.75	20.20
15	256QAM	1	37	19.68	19.81	19.73	20.20
15	256QAM	1	74	19.52	19.59	19.48	20.20
15	256QAM	36	0	19.51	19.60	19.57	20.20
15	256QAM	36	20	19.60	19.69	19.59	20.20
15	256QAM	36	39	19.59	19.67	19.64	20.20
15	256QAM	75	0	19.64	19.78	19.73	20.20
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	19.69	19.67	19.76	20.20
10	QPSK	1	25	19.56	19.72	19.60	20.20
10	QPSK	1	49	19.47	19.63	19.59	20.20
10	QPSK	25	0	19.63	19.62	19.56	20.20
10	QPSK	25	12	19.44	19.46	19.41	20.20
10	QPSK	25	25	19.41	19.55	19.47	20.20
10	QPSK	50	0	19.54	19.65	19.68	20.20
10	16QAM	1	0	19.34	19.57	19.33	20.20
10	16QAM	1	25	19.45	19.56	19.49	20.20
10	16QAM	1	49	19.46	19.58	19.53	20.20
10	16QAM	25	0	19.43	19.57	19.52	20.20
10	16QAM	25	12	19.45	19.72	19.61	20.20
10	16QAM	25	25	19.53	19.69	19.54	20.20
10	16QAM	50	0	19.54	19.57	19.55	20.20
10	64QAM	1	0	19.48	19.64	19.63	20.20
10	64QAM	1	25	19.59	19.77	19.68	20.20
10	64QAM	1	49	19.28	19.55	19.35	20.20
10	64QAM	25	0	19.53	19.58	19.59	20.20
10	64QAM	25	12	19.67	19.72	19.59	20.20
10	64QAM	25	25	19.57	19.64	19.50	20.20
10	64QAM	50	0	19.41	19.60	19.46	20.20
10	256QAM	1	0	19.62	19.76	19.67	20.20
10	256QAM	1	25	19.58	19.69	19.65	20.20
10	256QAM	1	49	19.48	19.48	19.37	20.20
10	256QAM	25	0	19.41	19.49	19.44	20.20
10	256QAM	25	12	19.57	19.58	19.52	20.20
10	256QAM	25	25	19.47	19.65	19.53	20.20
10	256QAM	50	0	19.53	19.72	19.70	20.20
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	19.67	19.72	19.72	20.20
5	QPSK	1	12	19.45	19.69	19.54	20.20
5	QPSK	1	24	19.55	19.66	19.61	20.20
5	QPSK	12	0	19.67	19.66	19.55	20.20
5	QPSK	12	7	19.41	19.50	19.47	20.20

5	QPSK	12	13	19.47	19.53	19.41	20.20
5	QPSK	25	0	19.56	19.69	19.69	20.20
5	16QAM	1	0	19.30	19.57	19.32	20.20
5	16QAM	1	12	19.46	19.57	19.48	20.20
5	16QAM	1	24	19.57	19.60	19.53	20.20
5	16QAM	12	0	19.47	19.63	19.52	20.20
5	16QAM	12	7	19.43	19.73	19.65	20.20
5	16QAM	12	13	19.54	19.58	19.52	20.20
5	16QAM	25	0	19.47	19.67	19.47	20.20
5	64QAM	1	0	19.41	19.59	19.57	20.20
5	64QAM	1	12	19.66	19.76	19.67	20.20
5	64QAM	1	24	19.38	19.56	19.38	20.20
5	64QAM	12	0	19.58	19.63	19.49	20.20
5	64QAM	12	7	19.63	19.66	19.53	20.20
5	64QAM	12	13	19.49	19.77	19.59	20.20
5	64QAM	25	0	19.43	19.56	19.49	20.20
5	256QAM	1	0	19.58	19.68	19.61	20.20
5	256QAM	1	12	19.65	19.79	19.62	20.20
5	256QAM	1	24	19.43	19.55	19.36	20.20
5	256QAM	12	0	19.43	19.59	19.51	20.20
5	256QAM	12	7	19.53	19.59	19.48	20.20
5	256QAM	12	13	19.47	19.63	19.61	20.20
5	256QAM	25	0	19.57	19.66	19.67	20.20
Channel				26705	26865	27025	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	QPSK	1	0	19.68	19.67	19.65	20.20
3	QPSK	1	8	19.47	19.69	19.49	20.20
3	QPSK	1	14	19.59	19.65	19.52	20.20
3	QPSK	8	0	19.57	19.69	19.53	20.20
3	QPSK	8	4	19.39	19.54	19.39	20.20
3	QPSK	8	7	19.36	19.63	19.40	20.20
3	QPSK	15	0	19.58	19.61	19.60	20.20
3	16QAM	1	0	19.31	19.48	19.38	20.20
3	16QAM	1	8	19.36	19.61	19.49	20.20
3	16QAM	1	14	19.49	19.64	19.45	20.20
3	16QAM	8	0	19.49	19.64	19.46	20.20
3	16QAM	8	4	19.53	19.63	19.59	20.20
3	16QAM	8	7	19.55	19.65	19.53	20.20
3	16QAM	15	0	19.52	19.69	19.44	20.20
3	64QAM	1	0	19.51	19.68	19.65	20.20
3	64QAM	1	8	19.70	19.75	19.66	20.20
3	64QAM	1	14	19.29	19.52	19.30	20.20
3	64QAM	8	0	19.56	19.70	19.49	20.20
3	64QAM	8	4	19.71	19.70	19.61	20.20
3	64QAM	8	7	19.53	19.63	19.52	20.20
3	64QAM	15	0	19.40	19.56	19.58	20.20
3	256QAM	1	0	19.58	19.70	19.69	20.20
3	256QAM	1	8	19.55	19.74	19.65	20.20
3	256QAM	1	14	19.45	19.50	19.42	20.20
3	256QAM	8	0	19.47	19.48	19.47	20.20
3	256QAM	8	4	19.57	19.60	19.53	20.20
3	256QAM	8	7	19.49	19.57	19.62	20.20
3	256QAM	15	0	19.56	19.74	19.67	20.20
Channel				26697	26865	27033	Tune-up limit
Frequency (MHz)				814.7	831.5	848.3	(dBm)
1.4	QPSK	1	0	19.69	19.76	19.74	20.20
1.4	QPSK	1	3	19.50	19.58	19.59	20.20
1.4	QPSK	1	5	19.58	19.69	19.48	20.20
1.4	QPSK	3	0	19.60	19.61	19.55	20.20
1.4	QPSK	3	1	19.44	19.48	19.38	20.20
1.4	QPSK	3	3	19.44	19.54	19.39	20.20
1.4	QPSK	6	0	19.52	19.68	19.69	20.20
1.4	16QAM	1	0	19.28	19.45	19.41	20.20
1.4	16QAM	1	3	19.47	19.57	19.42	20.20
1.4	16QAM	1	5	19.56	19.61	19.44	20.20
1.4	16QAM	3	0	19.41	19.56	19.47	20.20
1.4	16QAM	3	1	19.44	19.69	19.67	20.20
1.4	16QAM	3	3	19.47	19.62	19.59	20.20
1.4	16QAM	6	0	19.57	19.56	19.46	20.20
1.4	64QAM	1	0	19.49	19.59	19.57	20.20
1.4	64QAM	1	3	19.67	19.64	19.59	20.20
1.4	64QAM	1	5	19.36	19.50	19.38	20.20
1.4	64QAM	3	0	19.56	19.57	19.56	20.20
1.4	64QAM	3	1	19.71	19.75	19.58	20.20

1.4	64QAM	3	3	19.58	19.75	19.60	20.20
1.4	64QAM	6	0	19.38	19.56	19.49	20.20
1.4	256QAM	1	0	19.56	19.64	19.69	20.20
1.4	256QAM	1	3	19.58	19.72	19.69	20.20
1.4	256QAM	1	5	19.48	19.57	19.35	20.20
1.4	256QAM	3	0	19.47	19.51	19.47	20.20
1.4	256QAM	3	1	19.53	19.63	19.46	20.20
1.4	256QAM	3	3	19.53	19.61	19.58	20.20
1.4	256QAM	6	0	19.58	19.67	19.59	20.20

【LTE Band 38_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				37850	38000	38150	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	25.15	25.19	25.17	25.70
20	QPSK	1	49	25.00	25.11	24.94	25.70
20	QPSK	1	99	25.08	25.13	25.08	25.70
20	QPSK	50	0	24.09	24.15	24.07	24.70
20	QPSK	50	24	24.06	24.14	24.11	24.70
20	QPSK	50	50	23.77	23.89	23.76	24.70
20	QPSK	100	0	24.15	24.24	24.08	24.70
20	16QAM	1	0	23.91	24.07	23.91	24.70
20	16QAM	1	49	23.98	24.08	24.00	24.70
20	16QAM	1	99	24.14	24.24	24.14	24.70
20	16QAM	50	0	22.91	23.08	23.04	23.70
20	16QAM	50	24	22.88	22.95	22.87	23.70
20	16QAM	50	50	23.27	23.35	23.30	23.70
20	16QAM	100	0	22.87	22.97	22.82	23.70
20	64QAM	1	0	23.19	23.35	23.30	23.70
20	64QAM	1	49	23.09	23.23	23.10	23.70
20	64QAM	1	99	23.05	23.12	23.09	23.70
20	64QAM	50	0	21.96	22.00	21.89	22.70
20	64QAM	50	24	21.91	21.97	21.91	22.70
20	64QAM	50	50	21.88	22.04	21.94	22.70
20	64QAM	100	0	21.95	22.02	21.95	22.70
20	256QAM	1	0	20.08	20.17	20.09	20.70
20	256QAM	1	49	19.98	20.02	19.87	20.70
20	256QAM	1	99	20.36	20.42	20.26	20.70
20	256QAM	50	0	20.00	20.09	19.99	20.70
20	256QAM	50	24	19.45	19.60	19.49	20.70
20	256QAM	50	50	19.75	19.91	19.82	20.70
20	256QAM	100	0	19.83	19.99	19.86	20.70
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	25.12	25.17	25.05	25.70
15	QPSK	1	37	24.96	25.09	24.91	25.70
15	QPSK	1	74	25.00	25.08	25.04	25.70
15	QPSK	36	0	24.03	24.13	23.97	24.70
15	QPSK	36	20	23.95	24.11	24.08	24.70
15	QPSK	36	39	23.72	23.83	23.68	24.70
15	QPSK	75	0	24.02	24.13	23.97	24.70
15	16QAM	1	0	23.81	24.02	23.78	24.70
15	16QAM	1	37	23.91	24.04	23.85	24.70
15	16QAM	1	74	24.13	24.20	24.08	24.70
15	16QAM	36	0	22.86	23.05	22.93	23.70
15	16QAM	36	20	22.73	22.91	22.78	23.70
15	16QAM	36	39	23.23	23.31	23.16	23.70
15	16QAM	75	0	22.78	22.94	22.80	23.70
15	64QAM	1	0	23.13	23.21	23.21	23.70
15	64QAM	1	37	23.02	23.09	23.00	23.70
15	64QAM	1	74	22.93	23.08	23.05	23.70
15	64QAM	36	0	21.86	21.96	21.86	22.70
15	64QAM	36	20	21.87	21.87	21.87	22.70
15	64QAM	36	39	21.80	21.99	21.91	22.70
15	64QAM	75	0	21.83	21.90	21.89	22.70
15	256QAM	1	0	20.00	20.11	19.99	20.70
15	256QAM	1	37	19.89	19.94	19.85	20.70
15	256QAM	1	74	20.23	20.36	20.13	20.70

15	256QAM	36	0	19.94	19.96	19.96	20.70
15	256QAM	36	20	19.37	19.58	19.45	20.70
15	256QAM	36	39	19.66	19.80	19.68	20.70
15	256QAM	75	0	19.76	19.87	19.79	20.70
Channel				37800	38000	38200	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	QPSK	1	0	25.10	25.13	25.07	25.70
10	QPSK	1	25	24.90	24.97	24.85	25.70
10	QPSK	1	49	25.03	25.05	24.95	25.70
10	QPSK	25	0	24.05	24.02	24.01	24.70
10	QPSK	25	12	24.01	24.09	24.08	24.70
10	QPSK	25	25	23.75	23.75	23.74	24.70
10	QPSK	50	0	24.06	24.14	24.01	24.70
10	16QAM	1	0	23.85	23.99	23.87	24.70
10	16QAM	1	25	23.96	24.06	23.86	24.70
10	16QAM	1	49	24.03	24.12	24.09	24.70
10	16QAM	25	0	22.77	23.00	22.91	23.70
10	16QAM	25	12	22.83	22.82	22.83	23.70
10	16QAM	25	25	23.20	23.24	23.18	23.70
10	16QAM	50	0	22.77	22.89	22.73	23.70
10	64QAM	1	0	23.18	23.23	23.24	23.70
10	64QAM	1	25	23.03	23.16	23.01	23.70
10	64QAM	1	49	23.00	23.05	23.02	23.70
10	64QAM	25	0	21.88	21.99	21.86	22.70
10	64QAM	25	12	21.86	21.89	21.83	22.70
10	64QAM	25	25	21.81	21.93	21.86	22.70
10	64QAM	50	0	21.84	21.87	21.90	22.70
10	256QAM	1	0	19.93	20.06	20.03	20.70
10	256QAM	1	25	19.93	19.92	19.78	20.70
10	256QAM	1	49	20.22	20.36	20.13	20.70
10	256QAM	25	0	19.92	20.03	19.89	20.70
10	256QAM	25	12	19.34	19.58	19.44	20.70
10	256QAM	25	25	19.68	19.78	19.77	20.70
10	256QAM	50	0	19.77	19.88	19.77	20.70
Channel				37775	38000	38225	Tune-up limit
Frequency (MHz)				2572.5	2595	2617.5	(dBm)
5	QPSK	1	0	25.12	25.12	25.14	25.70
5	QPSK	1	12	24.94	25.04	24.92	25.70
5	QPSK	1	24	25.00	25.01	25.01	25.70
5	QPSK	12	0	24.01	24.11	23.97	24.70
5	QPSK	12	7	23.92	24.03	23.97	24.70
5	QPSK	12	13	23.66	23.75	23.74	24.70
5	QPSK	25	0	24.00	24.10	24.07	24.70
5	16QAM	1	0	23.81	23.93	23.78	24.70
5	16QAM	1	12	23.84	23.96	23.92	24.70
5	16QAM	1	24	24.00	24.10	24.00	24.70
5	16QAM	12	0	22.78	22.99	22.96	23.70
5	16QAM	12	7	22.87	22.82	22.75	23.70
5	16QAM	12	13	23.21	23.29	23.19	23.70
5	16QAM	25	0	22.84	22.83	22.72	23.70
5	64QAM	1	0	23.17	23.31	23.22	23.70
5	64QAM	1	12	23.02	23.13	22.96	23.70
5	64QAM	1	24	22.99	23.06	23.05	23.70
5	64QAM	12	0	21.91	21.97	21.79	22.70
5	64QAM	12	7	21.78	21.92	21.79	22.70
5	64QAM	12	13	21.85	22.00	21.88	22.70
5	64QAM	25	0	21.86	21.95	21.86	22.70
5	256QAM	1	0	20.05	20.11	20.04	20.70
5	256QAM	1	12	19.89	19.90	19.73	20.70
5	256QAM	1	24	20.30	20.28	20.20	20.70
5	256QAM	12	0	19.88	19.96	19.93	20.70
5	256QAM	12	7	19.32	19.48	19.42	20.70
5	256QAM	12	13	19.68	19.79	19.72	20.70
5	256QAM	25	0	19.71	19.90	19.79	20.70

【LTE Band 38_Ant 4_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	17.70	17.78	17.76	18.20
20	QPSK	1	49	17.44	17.59	17.44	18.20
20	QPSK	1	99	17.56	17.70	17.64	18.20
20	QPSK	50	0	17.60	17.71	17.67	18.20
20	QPSK	50	24	17.46	17.62	17.54	18.20
20	QPSK	50	50	17.50	17.64	17.60	18.20
20	QPSK	100	0	17.53	17.74	17.67	18.20
20	16QAM	1	0	17.58	17.70	17.67	18.20
20	16QAM	1	49	17.58	17.73	17.64	18.20
20	16QAM	1	99	17.45	17.67	17.51	18.20
20	16QAM	50	0	17.53	17.73	17.68	18.20
20	16QAM	50	24	17.57	17.71	17.55	18.20
20	16QAM	50	50	17.56	17.75	17.71	18.20
20	16QAM	100	0	17.64	17.73	17.63	18.20
20	64QAM	1	0	17.57	17.72	17.56	18.20
20	64QAM	1	49	17.56	17.71	17.54	18.20
20	64QAM	1	99	17.46	17.67	17.53	18.20
20	64QAM	50	0	17.56	17.67	17.57	18.20
20	64QAM	50	24	17.49	17.62	17.55	18.20
20	64QAM	50	50	17.47	17.57	17.40	18.20
20	64QAM	100	0	17.55	17.65	17.58	18.20
20	256QAM	1	0	17.52	17.67	17.52	18.20
20	256QAM	1	49	17.57	17.67	17.55	18.20
20	256QAM	1	99	17.60	17.69	17.58	18.20
20	256QAM	50	0	17.68	17.80	17.72	18.20
20	256QAM	50	24	17.62	17.76	17.68	18.20
20	256QAM	50	50	17.50	17.65	17.48	18.20
20	256QAM	100	0	17.63	17.74	17.70	18.20
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	17.65	17.70	17.66	18.20
15	QPSK	1	37	17.37	17.57	17.30	18.20
15	QPSK	1	74	17.43	17.68	17.61	18.20
15	QPSK	36	0	17.47	17.70	17.54	18.20
15	QPSK	36	20	17.39	17.56	17.44	18.20
15	QPSK	36	39	17.36	17.58	17.56	18.20
15	QPSK	75	0	17.47	17.64	17.64	18.20
15	16QAM	1	0	17.53	17.68	17.65	18.20
15	16QAM	1	37	17.47	17.59	17.55	18.20
15	16QAM	1	74	17.42	17.57	17.47	18.20
15	16QAM	36	0	17.40	17.63	17.61	18.20
15	16QAM	36	20	17.51	17.65	17.42	18.20
15	16QAM	36	39	17.54	17.71	17.58	18.20
15	16QAM	75	0	17.53	17.59	17.59	18.20
15	64QAM	1	0	17.53	17.68	17.42	18.20
15	64QAM	1	37	17.52	17.62	17.50	18.20
15	64QAM	1	74	17.39	17.60	17.38	18.20
15	64QAM	36	0	17.55	17.57	17.45	18.20
15	64QAM	36	20	17.47	17.50	17.43	18.20
15	64QAM	36	39	17.34	17.42	17.29	18.20
15	64QAM	75	0	17.47	17.64	17.51	18.20
15	256QAM	1	0	17.45	17.59	17.42	18.20
15	256QAM	1	37	17.44	17.56	17.40	18.20
15	256QAM	1	74	17.59	17.55	17.46	18.20
15	256QAM	36	0	17.62	17.65	17.65	18.20
15	256QAM	36	20	17.60	17.63	17.56	18.20
15	256QAM	36	39	17.44	17.60	17.39	18.20
15	256QAM	75	0	17.58	17.68	17.66	18.20
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	17.57	17.70	17.66	18.20
10	QPSK	1	25	17.38	17.48	17.31	18.20
10	QPSK	1	49	17.45	17.68	17.63	18.20
10	QPSK	25	0	17.48	17.61	17.56	18.20
10	QPSK	25	12	17.37	17.56	17.45	18.20
10	QPSK	25	25	17.45	17.57	17.57	18.20

10	QPSK	50	0	17.50	17.61	17.54	18.20
10	16QAM	1	0	17.47	17.67	17.61	18.20
10	16QAM	1	25	17.51	17.59	17.50	18.20
10	16QAM	1	49	17.34	17.56	17.46	18.20
10	16QAM	25	0	17.38	17.61	17.53	18.20
10	16QAM	25	12	17.47	17.59	17.51	18.20
10	16QAM	25	25	17.47	17.74	17.62	18.20
10	16QAM	50	0	17.54	17.68	17.57	18.20
10	64QAM	1	0	17.49	17.69	17.47	18.20
10	64QAM	1	25	17.42	17.70	17.42	18.20
10	64QAM	1	49	17.43	17.61	17.45	18.20
10	64QAM	25	0	17.54	17.57	17.46	18.20
10	64QAM	25	12	17.43	17.51	17.53	18.20
10	64QAM	25	25	17.41	17.44	17.26	18.20
10	64QAM	50	0	17.45	17.50	17.54	18.20
10	256QAM	1	0	17.40	17.52	17.47	18.20
10	256QAM	1	25	17.42	17.59	17.50	18.20
10	256QAM	1	49	17.52	17.60	17.48	18.20
10	256QAM	25	0	17.66	17.74	17.58	18.20
10	256QAM	25	12	17.55	17.70	17.65	18.20
10	256QAM	25	25	17.37	17.54	17.34	18.20
10	256QAM	50	0	17.49	17.69	17.63	18.20
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	17.69	17.65	17.64	18.20
5	QPSK	1	12	17.40	17.57	17.30	18.20
5	QPSK	1	24	17.42	17.65	17.59	18.20
5	QPSK	12	0	17.52	17.64	17.59	18.20
5	QPSK	12	7	17.33	17.51	17.40	18.20
5	QPSK	12	13	17.38	17.52	17.56	18.20
5	QPSK	25	0	17.49	17.69	17.52	18.20
5	16QAM	1	0	17.54	17.59	17.59	18.20
5	16QAM	1	12	17.57	17.58	17.54	18.20
5	16QAM	1	24	17.43	17.54	17.45	18.20
5	16QAM	12	0	17.47	17.67	17.66	18.20
5	16QAM	12	7	17.47	17.62	17.53	18.20
5	16QAM	12	13	17.54	17.63	17.64	18.20
5	16QAM	25	0	17.49	17.66	17.54	18.20
5	64QAM	1	0	17.46	17.62	17.47	18.20
5	64QAM	1	12	17.45	17.62	17.43	18.20
5	64QAM	1	24	17.35	17.54	17.43	18.20
5	64QAM	12	0	17.53	17.60	17.52	18.20
5	64QAM	12	7	17.37	17.50	17.50	18.20
5	64QAM	12	13	17.32	17.43	17.29	18.20
5	64QAM	25	0	17.45	17.60	17.53	18.20
5	256QAM	1	0	17.43	17.53	17.39	18.20
5	256QAM	1	12	17.49	17.62	17.53	18.20
5	256QAM	1	24	17.51	17.55	17.54	18.20
5	256QAM	12	0	17.56	17.68	17.63	18.20
5	256QAM	12	7	17.55	17.68	17.65	18.20
5	256QAM	12	13	17.38	17.56	17.45	18.20
5	256QAM	25	0	17.53	17.72	17.59	18.20

【LTE Band 38_Ant 4_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	20.21	20.29	20.25	20.70
20	QPSK	1	49	19.92	20.13	20.03	20.70
20	QPSK	1	99	20.04	20.17	20.02	20.70
20	QPSK	50	0	20.13	20.25	20.15	20.70
20	QPSK	50	24	20.00	20.17	20.00	20.70
20	QPSK	50	50	20.00	20.19	20.11	20.70
20	QPSK	100	0	20.00	20.14	20.04	20.70
20	16QAM	1	0	19.96	20.10	20.00	20.70
20	16QAM	1	49	20.15	20.24	20.16	20.70
20	16QAM	1	99	20.08	20.21	20.06	20.70
20	16QAM	50	0	19.92	20.13	19.98	20.70

20	16QAM	50	24	20.12	20.23	20.08	20.70
20	16QAM	50	50	20.03	20.23	20.12	20.70
20	16QAM	100	0	20.12	20.30	20.11	20.70
20	64QAM	1	0	19.93	20.08	19.95	20.70
20	64QAM	1	49	20.17	20.27	20.11	20.70
20	64QAM	1	99	20.09	20.23	20.10	20.70
20	64QAM	50	0	20.01	20.23	20.12	20.70
20	64QAM	50	24	19.96	20.14	19.97	20.70
20	64QAM	50	50	19.86	20.08	19.89	20.70
20	64QAM	100	0	19.95	20.10	19.94	20.70
20	256QAM	1	0	20.12	20.26	20.11	20.70
20	256QAM	1	49	20.06	20.21	20.09	20.70
20	256QAM	1	99	19.93	20.09	19.93	20.70
20	256QAM	50	0	19.97	20.19	20.04	20.70
20	256QAM	50	24	20.06	20.27	20.13	20.70
20	256QAM	50	50	20.05	20.24	20.13	20.70
20	256QAM	100	0	20.05	20.18	20.11	20.70
Channel				37825	38000	38175	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	QPSK	1	0	20.19	20.27	20.11	20.70
15	QPSK	1	37	19.81	20.11	19.93	20.70
15	QPSK	1	74	19.98	20.09	19.98	20.70
15	QPSK	36	0	20.05	20.17	20.04	20.70
15	QPSK	36	20	19.89	20.09	19.88	20.70
15	QPSK	36	39	19.89	20.07	19.98	20.70
15	QPSK	75	0	19.90	20.01	19.90	20.70
15	16QAM	1	0	19.85	20.05	19.91	20.70
15	16QAM	1	37	20.03	20.22	20.04	20.70
15	16QAM	1	74	20.01	20.10	20.02	20.70
15	16QAM	36	0	19.90	20.01	19.87	20.70
15	16QAM	36	20	20.07	20.15	20.01	20.70
15	16QAM	36	39	19.88	20.17	20.03	20.70
15	16QAM	75	0	20.03	20.20	20.04	20.70
15	64QAM	1	0	19.92	20.06	19.92	20.70
15	64QAM	1	37	20.15	20.15	19.99	20.70
15	64QAM	1	74	20.04	20.08	20.06	20.70
15	64QAM	36	0	19.99	20.14	19.99	20.70
15	64QAM	36	20	19.90	20.02	19.92	20.70
15	64QAM	36	39	19.74	19.99	19.81	20.70
15	64QAM	75	0	19.94	19.96	19.82	20.70
15	256QAM	1	0	20.08	20.14	19.98	20.70
15	256QAM	1	37	20.03	20.11	19.98	20.70
15	256QAM	1	74	19.78	20.02	19.83	20.70
15	256QAM	36	0	19.93	20.08	20.01	20.70
15	256QAM	36	20	19.97	20.15	20.07	20.70
15	256QAM	36	39	19.94	20.10	20.11	20.70
15	256QAM	75	0	19.96	20.16	19.97	20.70
Channel				37800	38000	38200	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	QPSK	1	0	20.15	20.19	20.12	20.70
10	QPSK	1	25	19.85	19.99	19.91	20.70
10	QPSK	1	49	19.92	20.04	19.88	20.70
10	QPSK	25	0	20.04	20.12	20.12	20.70
10	QPSK	25	12	19.87	20.05	19.86	20.70
10	QPSK	25	25	19.93	20.17	20.07	20.70
10	QPSK	50	0	19.97	20.06	19.91	20.70
10	16QAM	1	0	19.91	19.98	19.88	20.70
10	16QAM	1	25	20.04	20.20	20.11	20.70
10	16QAM	1	49	19.99	20.16	19.91	20.70
10	16QAM	25	0	19.85	20.09	19.92	20.70
10	16QAM	25	12	20.11	20.22	19.97	20.70
10	16QAM	25	25	20.01	20.13	20.04	20.70
10	16QAM	50	0	20.05	20.15	20.04	20.70
10	64QAM	1	0	19.88	20.03	19.82	20.70
10	64QAM	1	25	20.10	20.26	20.04	20.70
10	64QAM	1	49	19.95	20.13	19.98	20.70
10	64QAM	25	0	19.89	20.22	19.98	20.70
10	64QAM	25	12	19.93	20.05	19.87	20.70
10	64QAM	25	25	19.74	19.98	19.76	20.70
10	64QAM	50	0	19.85	20.02	19.89	20.70
10	256QAM	1	0	19.98	20.15	20.08	20.70
10	256QAM	1	25	20.02	20.15	19.94	20.70
10	256QAM	1	49	19.80	19.95	19.82	20.70
10	256QAM	25	0	19.89	20.16	19.96	20.70

10	256QAM	25	12	19.94	20.24	20.04	20.70
10	256QAM	25	25	19.98	20.16	20.12	20.70
10	256QAM	50	0	19.94	20.07	20.02	20.70
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	20.09	20.22	20.16	20.70
5	QPSK	1	12	19.84	20.03	19.97	20.70
5	QPSK	1	24	20.03	20.07	19.90	20.70
5	QPSK	12	0	19.99	20.14	20.09	20.70
5	QPSK	12	7	19.94	20.13	19.94	20.70
5	QPSK	12	13	19.98	20.09	20.04	20.70
5	QPSK	25	0	19.93	20.04	19.94	20.70
5	16QAM	1	0	19.86	20.02	19.94	20.70
5	16QAM	1	12	20.07	20.12	20.10	20.70
5	16QAM	1	24	20.05	20.20	19.94	20.70
5	16QAM	12	0	19.88	20.08	19.94	20.70
5	16QAM	12	7	20.08	20.09	20.00	20.70
5	16QAM	12	13	19.98	20.21	20.05	20.70
5	16QAM	25	0	20.05	20.21	20.08	20.70
5	64QAM	1	0	19.80	20.05	19.85	20.70
5	64QAM	1	12	20.02	20.26	20.08	20.70
5	64QAM	1	24	19.96	20.21	20.04	20.70
5	64QAM	12	0	19.94	20.17	20.05	20.70
5	64QAM	12	7	19.83	20.04	19.94	20.70
5	64QAM	12	13	19.79	20.04	19.78	20.70
5	64QAM	25	0	19.94	19.98	19.90	20.70
5	256QAM	1	0	20.08	20.24	20.03	20.70
5	256QAM	1	12	19.93	20.14	19.97	20.70
5	256QAM	1	24	19.80	19.96	19.82	20.70
5	256QAM	12	0	19.90	20.08	20.00	20.70
5	256QAM	12	7	20.04	20.17	20.03	20.70
5	256QAM	12	13	19.92	20.16	20.05	20.70
5	256QAM	25	0	19.90	20.12	20.05	20.70

【LTE Band 38_Ant 4_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	25.15	25.19	25.17	25.70
20	QPSK	1	49	25.00	25.11	24.94	25.70
20	QPSK	1	99	25.08	25.13	25.08	25.70
20	QPSK	50	0	24.09	24.15	24.07	24.70
20	QPSK	50	24	24.06	24.14	24.11	24.70
20	QPSK	50	50	23.77	23.89	23.76	24.70
20	QPSK	100	0	24.15	24.24	24.08	24.70
20	16QAM	1	0	23.91	24.07	23.91	24.70
20	16QAM	1	49	23.98	24.08	24.00	24.70
20	16QAM	1	99	24.14	24.24	24.14	24.70
20	16QAM	50	0	22.91	23.08	23.04	23.70
20	16QAM	50	24	22.88	22.95	22.87	23.70
20	16QAM	50	50	23.27	23.35	23.30	23.70
20	16QAM	100	0	22.87	22.97	22.82	23.70
20	64QAM	1	0	23.19	23.35	23.30	23.70
20	64QAM	1	49	23.09	23.23	23.10	23.70
20	64QAM	1	99	23.05	23.12	23.09	23.70
20	64QAM	50	0	21.96	22.00	21.89	22.70
20	64QAM	50	24	21.91	21.97	21.91	22.70
20	64QAM	50	50	21.88	22.04	21.94	22.70
20	64QAM	100	0	21.95	22.02	21.95	22.70
20	256QAM	1	0	20.08	20.17	20.09	20.70
20	256QAM	1	49	19.98	20.02	19.87	20.70
20	256QAM	1	99	20.36	20.42	20.26	20.70
20	256QAM	50	0	20.00	20.09	19.99	20.70
20	256QAM	50	24	19.45	19.60	19.49	20.70
20	256QAM	50	50	19.75	19.91	19.82	20.70
20	256QAM	100	0	19.83	19.99	19.86	20.70
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	

15	QPSK	1	0	25.12	25.17	25.05	25.70
15	QPSK	1	37	24.96	25.09	24.91	25.70
15	QPSK	1	74	25.00	25.08	25.04	25.70
15	QPSK	36	0	24.03	24.13	23.97	24.70
15	QPSK	36	20	23.95	24.11	24.08	24.70
15	QPSK	36	39	23.72	23.83	23.68	24.70
15	QPSK	75	0	24.02	24.13	23.97	24.70
15	16QAM	1	0	23.81	24.02	23.78	24.70
15	16QAM	1	37	23.91	24.04	23.85	24.70
15	16QAM	1	74	24.13	24.20	24.08	24.70
15	16QAM	36	0	22.86	23.05	22.93	23.70
15	16QAM	36	20	22.73	22.91	22.78	23.70
15	16QAM	36	39	23.23	23.31	23.16	23.70
15	16QAM	75	0	22.78	22.94	22.80	23.70
15	64QAM	1	0	23.13	23.21	23.21	23.70
15	64QAM	1	37	23.02	23.09	23.00	23.70
15	64QAM	1	74	22.93	23.08	23.05	23.70
15	64QAM	36	0	21.86	21.96	21.86	22.70
15	64QAM	36	20	21.87	21.87	21.87	22.70
15	64QAM	36	39	21.80	21.99	21.91	22.70
15	64QAM	75	0	21.83	21.90	21.89	22.70
15	256QAM	1	0	20.00	20.11	19.99	20.70
15	256QAM	1	37	19.89	19.94	19.85	20.70
15	256QAM	1	74	20.23	20.36	20.13	20.70
15	256QAM	36	0	19.94	19.96	19.96	20.70
15	256QAM	36	20	19.37	19.58	19.45	20.70
15	256QAM	36	39	19.66	19.80	19.68	20.70
15	256QAM	75	0	19.76	19.87	19.79	20.70
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	25.10	25.13	25.07	25.70
10	QPSK	1	25	24.90	24.97	24.85	25.70
10	QPSK	1	49	25.03	25.05	24.95	25.70
10	QPSK	25	0	24.05	24.02	24.01	24.70
10	QPSK	25	12	24.01	24.09	24.08	24.70
10	QPSK	25	25	23.75	23.75	23.74	24.70
10	QPSK	50	0	24.06	24.14	24.01	24.70
10	16QAM	1	0	23.85	23.99	23.87	24.70
10	16QAM	1	25	23.96	24.06	23.86	24.70
10	16QAM	1	49	24.03	24.12	24.09	24.70
10	16QAM	25	0	22.77	23.00	22.91	23.70
10	16QAM	25	12	22.83	22.82	22.83	23.70
10	16QAM	25	25	23.20	23.24	23.18	23.70
10	16QAM	50	0	22.77	22.89	22.73	23.70
10	64QAM	1	0	23.18	23.23	23.24	23.70
10	64QAM	1	25	23.03	23.16	23.01	23.70
10	64QAM	1	49	23.00	23.05	23.02	23.70
10	64QAM	25	0	21.88	21.99	21.86	22.70
10	64QAM	25	12	21.86	21.89	21.83	22.70
10	64QAM	25	25	21.81	21.93	21.86	22.70
10	64QAM	50	0	21.84	21.87	21.90	22.70
10	256QAM	1	0	19.93	20.06	20.03	20.70
10	256QAM	1	25	19.93	19.92	19.78	20.70
10	256QAM	1	49	20.22	20.36	20.13	20.70
10	256QAM	25	0	19.92	20.03	19.89	20.70
10	256QAM	25	12	19.34	19.58	19.44	20.70
10	256QAM	25	25	19.68	19.78	19.77	20.70
10	256QAM	50	0	19.77	19.88	19.77	20.70
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	25.12	25.12	25.14	25.70
5	QPSK	1	12	24.94	25.04	24.92	25.70
5	QPSK	1	24	25.00	25.01	25.01	25.70
5	QPSK	12	0	24.01	24.11	23.97	24.70
5	QPSK	12	7	23.92	24.03	23.97	24.70
5	QPSK	12	13	23.66	23.75	23.74	24.70
5	QPSK	25	0	24.00	24.10	24.07	24.70
5	16QAM	1	0	23.81	23.93	23.78	24.70
5	16QAM	1	12	23.84	23.96	23.92	24.70
5	16QAM	1	24	24.00	24.10	24.00	24.70
5	16QAM	12	0	22.78	22.99	22.96	23.70
5	16QAM	12	7	22.87	22.82	22.75	23.70
5	16QAM	12	13	23.21	23.29	23.19	23.70
5	16QAM	25	0	22.84	22.83	22.72	23.70

5	64QAM	1	0	23.17	23.31	23.22	23.70
5	64QAM	1	12	23.02	23.13	22.96	23.70
5	64QAM	1	24	22.99	23.06	23.05	23.70
5	64QAM	12	0	21.91	21.97	21.79	22.70
5	64QAM	12	7	21.78	21.92	21.79	22.70
5	64QAM	12	13	21.85	22.00	21.88	22.70
5	64QAM	25	0	21.86	21.95	21.86	22.70
5	256QAM	1	0	20.05	20.11	20.04	20.70
5	256QAM	1	12	19.89	19.90	19.73	20.70
5	256QAM	1	24	20.30	20.28	20.20	20.70
5	256QAM	12	0	19.88	19.96	19.93	20.70
5	256QAM	12	7	19.32	19.48	19.42	20.70
5	256QAM	12	13	19.68	19.79	19.72	20.70
5	256QAM	25	0	19.71	19.90	19.79	20.70

【LTE Band 38_Ant 4_DSI 5】

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	17.70	17.78	17.76	18.20
20	QPSK	1	49	17.44	17.59	17.44	18.20
20	QPSK	1	99	17.56	17.70	17.64	18.20
20	QPSK	50	0	17.60	17.71	17.67	18.20
20	QPSK	50	24	17.46	17.62	17.54	18.20
20	QPSK	50	50	17.50	17.64	17.60	18.20
20	QPSK	100	0	17.53	17.74	17.67	18.20
20	16QAM	1	0	17.58	17.70	17.67	18.20
20	16QAM	1	49	17.58	17.73	17.64	18.20
20	16QAM	1	99	17.45	17.67	17.51	18.20
20	16QAM	50	0	17.53	17.73	17.68	18.20
20	16QAM	50	24	17.57	17.71	17.55	18.20
20	16QAM	50	50	17.56	17.75	17.71	18.20
20	16QAM	100	0	17.64	17.73	17.63	18.20
20	64QAM	1	0	17.57	17.72	17.56	18.20
20	64QAM	1	49	17.56	17.71	17.54	18.20
20	64QAM	1	99	17.46	17.67	17.53	18.20
20	64QAM	50	0	17.56	17.67	17.57	18.20
20	64QAM	50	24	17.49	17.62	17.55	18.20
20	64QAM	50	50	17.47	17.57	17.40	18.20
20	64QAM	100	0	17.55	17.65	17.58	18.20
20	256QAM	1	0	17.52	17.67	17.52	18.20
20	256QAM	1	49	17.57	17.67	17.55	18.20
20	256QAM	1	99	17.60	17.69	17.58	18.20
20	256QAM	50	0	17.68	17.80	17.72	18.20
20	256QAM	50	24	17.62	17.76	17.68	18.20
20	256QAM	50	50	17.50	17.65	17.48	18.20
20	256QAM	100	0	17.63	17.74	17.70	18.20
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	17.65	17.70	17.66	18.20
15	QPSK	1	37	17.37	17.57	17.30	18.20
15	QPSK	1	74	17.43	17.68	17.61	18.20
15	QPSK	36	0	17.47	17.70	17.54	18.20
15	QPSK	36	20	17.39	17.56	17.44	18.20
15	QPSK	36	39	17.36	17.58	17.56	18.20
15	QPSK	75	0	17.47	17.64	17.64	18.20
15	16QAM	1	0	17.53	17.68	17.65	18.20
15	16QAM	1	37	17.47	17.59	17.55	18.20
15	16QAM	1	74	17.42	17.57	17.47	18.20
15	16QAM	36	0	17.40	17.63	17.61	18.20
15	16QAM	36	20	17.51	17.65	17.42	18.20
15	16QAM	36	39	17.54	17.71	17.58	18.20
15	16QAM	75	0	17.53	17.59	17.59	18.20
15	64QAM	1	0	17.53	17.68	17.42	18.20
15	64QAM	1	37	17.52	17.62	17.50	18.20
15	64QAM	1	74	17.39	17.60	17.38	18.20
15	64QAM	36	0	17.55	17.57	17.45	18.20
15	64QAM	36	20	17.47	17.50	17.43	18.20

15	64QAM	36	39	17.34	17.42	17.29	18.20
15	64QAM	75	0	17.47	17.64	17.51	18.20
15	256QAM	1	0	17.45	17.59	17.42	18.20
15	256QAM	1	37	17.44	17.56	17.40	18.20
15	256QAM	1	74	17.59	17.55	17.46	18.20
15	256QAM	36	0	17.62	17.65	17.65	18.20
15	256QAM	36	20	17.60	17.63	17.56	18.20
15	256QAM	36	39	17.44	17.60	17.39	18.20
15	256QAM	75	0	17.58	17.68	17.66	18.20
Channel				37800	38000	38200	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	QPSK	1	0	17.57	17.70	17.66	18.20
10	QPSK	1	25	17.38	17.48	17.31	18.20
10	QPSK	1	49	17.45	17.68	17.63	18.20
10	QPSK	25	0	17.48	17.61	17.56	18.20
10	QPSK	25	12	17.37	17.56	17.45	18.20
10	QPSK	25	25	17.45	17.57	17.57	18.20
10	QPSK	50	0	17.50	17.61	17.54	18.20
10	16QAM	1	0	17.47	17.67	17.61	18.20
10	16QAM	1	25	17.51	17.59	17.50	18.20
10	16QAM	1	49	17.34	17.56	17.46	18.20
10	16QAM	25	0	17.38	17.61	17.53	18.20
10	16QAM	25	12	17.47	17.59	17.51	18.20
10	16QAM	25	25	17.47	17.74	17.62	18.20
10	16QAM	50	0	17.54	17.68	17.57	18.20
10	64QAM	1	0	17.49	17.69	17.47	18.20
10	64QAM	1	25	17.42	17.70	17.42	18.20
10	64QAM	1	49	17.43	17.61	17.45	18.20
10	64QAM	25	0	17.54	17.57	17.46	18.20
10	64QAM	25	12	17.43	17.51	17.53	18.20
10	64QAM	25	25	17.41	17.44	17.26	18.20
10	64QAM	50	0	17.45	17.50	17.54	18.20
10	256QAM	1	0	17.40	17.52	17.47	18.20
10	256QAM	1	25	17.42	17.59	17.50	18.20
10	256QAM	1	49	17.52	17.60	17.48	18.20
10	256QAM	25	0	17.66	17.74	17.58	18.20
10	256QAM	25	12	17.55	17.70	17.65	18.20
10	256QAM	25	25	17.37	17.54	17.34	18.20
10	256QAM	50	0	17.49	17.69	17.63	18.20
Channel				37775	38000	38225	Tune-up limit
Frequency (MHz)				2572.5	2595	2617.5	(dBm)
5	QPSK	1	0	17.69	17.65	17.64	18.20
5	QPSK	1	12	17.40	17.57	17.30	18.20
5	QPSK	1	24	17.42	17.65	17.59	18.20
5	QPSK	12	0	17.52	17.64	17.59	18.20
5	QPSK	12	7	17.33	17.51	17.40	18.20
5	QPSK	12	13	17.38	17.52	17.56	18.20
5	QPSK	25	0	17.49	17.69	17.52	18.20
5	16QAM	1	0	17.54	17.59	17.59	18.20
5	16QAM	1	12	17.57	17.58	17.54	18.20
5	16QAM	1	24	17.43	17.54	17.45	18.20
5	16QAM	12	0	17.47	17.67	17.66	18.20
5	16QAM	12	7	17.47	17.62	17.53	18.20
5	16QAM	12	13	17.54	17.63	17.64	18.20
5	16QAM	25	0	17.49	17.66	17.54	18.20
5	64QAM	1	0	17.46	17.62	17.47	18.20
5	64QAM	1	12	17.45	17.62	17.43	18.20
5	64QAM	1	24	17.35	17.54	17.43	18.20
5	64QAM	12	0	17.53	17.60	17.52	18.20
5	64QAM	12	7	17.37	17.50	17.50	18.20
5	64QAM	12	13	17.32	17.43	17.29	18.20
5	64QAM	25	0	17.45	17.60	17.53	18.20
5	256QAM	1	0	17.43	17.53	17.39	18.20
5	256QAM	1	12	17.49	17.62	17.53	18.20
5	256QAM	1	24	17.51	17.55	17.54	18.20
5	256QAM	12	0	17.56	17.68	17.63	18.20
5	256QAM	12	7	17.55	17.68	17.65	18.20
5	256QAM	12	13	17.38	17.56	17.45	18.20
5	256QAM	25	0	17.53	17.72	17.59	18.20

【LTE Band 38_Ant 5_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	25.03	25.08	25.01	25.70
20	QPSK	1	49	24.90	25.03	24.83	25.70
20	QPSK	1	99	24.96	25.03	24.82	25.70
20	QPSK	50	0	23.93	24.12	24.04	24.70
20	QPSK	50	24	23.91	24.10	24.00	24.70
20	QPSK	50	50	23.89	23.97	23.78	24.70
20	QPSK	100	0	24.07	24.13	24.00	24.70
20	16QAM	1	0	23.95	24.09	23.98	24.70
20	16QAM	1	49	24.09	24.24	24.16	24.70
20	16QAM	1	99	24.02	24.19	24.00	24.70
20	16QAM	50	0	23.07	23.23	23.02	23.70
20	16QAM	50	24	23.02	23.20	23.09	23.70
20	16QAM	50	50	22.93	22.99	22.83	23.70
20	16QAM	100	0	22.95	23.03	22.84	23.70
20	64QAM	1	0	22.77	22.93	22.74	23.70
20	64QAM	1	49	23.07	23.19	23.02	23.70
20	64QAM	1	99	23.05	23.24	23.08	23.70
20	64QAM	50	0	22.23	22.37	22.20	22.70
20	64QAM	50	24	21.91	22.02	21.93	22.70
20	64QAM	50	50	22.10	22.21	22.10	22.70
20	64QAM	100	0	21.92	22.08	21.92	22.70
20	256QAM	1	0	20.02	20.09	19.99	20.70
20	256QAM	1	49	20.13	20.30	20.15	20.70
20	256QAM	1	99	20.19	20.31	20.20	20.70
20	256QAM	50	0	20.23	20.32	20.16	20.70
20	256QAM	50	24	20.04	20.17	20.00	20.70
20	256QAM	50	50	20.16	20.24	20.11	20.70
20	256QAM	100	0	20.05	20.20	20.01	20.70
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	25.02	24.96	24.91	25.70
15	QPSK	1	37	24.84	24.95	24.76	25.70
15	QPSK	1	74	24.87	25.01	24.73	25.70
15	QPSK	36	0	23.85	24.04	23.91	24.70
15	QPSK	36	20	23.90	23.99	23.97	24.70
15	QPSK	36	39	23.82	23.89	23.64	24.70
15	QPSK	75	0	24.02	24.06	23.94	24.70
15	16QAM	1	0	23.91	24.07	23.87	24.70
15	16QAM	1	37	24.01	24.11	24.08	24.70
15	16QAM	1	74	23.98	24.11	23.85	24.70
15	16QAM	36	0	23.02	23.22	22.94	23.70
15	16QAM	36	20	22.90	23.08	23.07	23.70
15	16QAM	36	39	22.78	22.96	22.75	23.70
15	16QAM	75	0	22.92	22.91	22.77	23.70
15	64QAM	1	0	22.68	22.84	22.68	23.70
15	64QAM	1	37	23.03	23.14	23.00	23.70
15	64QAM	1	74	22.99	23.18	23.04	23.70
15	64QAM	36	0	22.11	22.31	22.10	22.70
15	64QAM	36	20	21.79	21.90	21.84	22.70
15	64QAM	36	39	22.05	22.19	22.03	22.70
15	64QAM	75	0	21.85	22.03	21.77	22.70
15	256QAM	1	0	20.01	19.99	19.89	20.70
15	256QAM	1	37	20.03	20.29	20.00	20.70
15	256QAM	1	74	20.06	20.27	20.08	20.70
15	256QAM	36	0	20.13	20.19	20.13	20.70
15	256QAM	36	20	20.02	20.05	19.93	20.70
15	256QAM	36	39	20.07	20.11	20.05	20.70
15	256QAM	75	0	19.96	20.12	19.88	20.70
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	24.91	25.01	24.99	25.70
10	QPSK	1	25	24.88	24.90	24.75	25.70
10	QPSK	1	49	24.82	24.94	24.68	25.70
10	QPSK	25	0	23.91	24.05	23.96	24.70
10	QPSK	25	12	23.87	24.00	23.90	24.70
10	QPSK	25	25	23.77	23.93	23.66	24.70
10	QPSK	50	0	23.97	24.11	23.87	24.70
10	16QAM	1	0	23.85	24.05	23.84	24.70

10	16QAM	1	25	23.96	24.19	24.04	24.70
10	16QAM	1	49	24.01	24.06	23.87	24.70
10	16QAM	25	0	22.98	23.09	23.00	23.70
10	16QAM	25	12	22.93	23.12	23.07	23.70
10	16QAM	25	25	22.90	22.84	22.73	23.70
10	16QAM	50	0	22.86	22.94	22.79	23.70
10	64QAM	1	0	22.72	22.78	22.70	23.70
10	64QAM	1	25	22.95	23.16	22.96	23.70
10	64QAM	1	49	22.93	23.10	22.97	23.70
10	64QAM	25	0	22.19	22.36	22.12	22.70
10	64QAM	25	12	21.79	21.96	21.83	22.70
10	64QAM	25	25	22.06	22.14	21.97	22.70
10	64QAM	50	0	21.80	21.97	21.82	22.70
10	256QAM	1	0	19.94	20.01	19.97	20.70
10	256QAM	1	25	20.02	20.25	20.12	20.70
10	256QAM	1	49	20.09	20.28	20.15	20.70
10	256QAM	25	0	20.16	20.19	20.10	20.70
10	256QAM	25	12	19.98	20.04	19.92	20.70
10	256QAM	25	25	20.03	20.20	19.96	20.70
10	256QAM	50	0	19.98	20.09	19.88	20.70
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	24.93	25.05	24.89	25.70
5	QPSK	1	12	24.77	24.96	24.71	25.70
5	QPSK	1	24	24.90	24.92	24.73	25.70
5	QPSK	12	0	23.85	24.05	24.00	24.70
5	QPSK	12	7	23.82	24.06	23.97	24.70
5	QPSK	12	13	23.78	23.90	23.68	24.70
5	QPSK	25	0	23.96	24.05	23.95	24.70
5	16QAM	1	0	23.83	23.99	23.96	24.70
5	16QAM	1	12	24.00	24.13	24.03	24.70
5	16QAM	1	24	23.92	24.17	23.90	24.70
5	16QAM	12	0	22.95	23.14	22.90	23.70
5	16QAM	12	7	22.99	23.14	22.95	23.70
5	16QAM	12	13	22.88	22.89	22.80	23.70
5	16QAM	25	0	22.82	22.97	22.82	23.70
5	64QAM	1	0	22.73	22.85	22.71	23.70
5	64QAM	1	12	23.03	23.13	22.92	23.70
5	64QAM	1	24	22.99	23.15	22.98	23.70
5	64QAM	12	0	22.22	22.23	22.09	22.70
5	64QAM	12	7	21.85	21.99	21.88	22.70
5	64QAM	12	13	22.04	22.15	22.07	22.70
5	64QAM	25	0	21.80	21.97	21.85	22.70
5	256QAM	1	0	20.00	19.98	19.92	20.70
5	256QAM	1	12	20.12	20.24	20.10	20.70
5	256QAM	1	24	20.16	20.24	20.19	20.70
5	256QAM	12	0	20.21	20.30	20.15	20.70
5	256QAM	12	7	20.03	20.09	19.88	20.70
5	256QAM	12	13	20.09	20.14	20.09	20.70
5	256QAM	25	0	19.98	20.19	19.88	20.70

【LTE Band 38_Ant 5_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	17.10	17.18	17.13	17.70
20	QPSK	1	49	16.81	16.97	16.83	17.70
20	QPSK	1	99	16.97	17.09	16.94	17.70
20	QPSK	50	0	17.04	17.13	17.04	17.70
20	QPSK	50	24	16.93	17.12	16.94	17.70
20	QPSK	50	50	16.80	17.00	16.91	17.70
20	QPSK	100	0	16.93	17.09	16.98	17.70
20	16QAM	1	0	16.93	17.06	16.96	17.70
20	16QAM	1	49	16.79	17.01	16.85	17.70
20	16QAM	1	99	16.89	16.99	16.85	17.70
20	16QAM	50	0	17.10	17.19	17.06	17.70
20	16QAM	50	24	16.81	16.97	16.81	17.70
20	16QAM	50	50	16.86	17.00	16.91	17.70

20	16QAM	100	0	17.02	17.19	17.00	17.70
20	64QAM	1	0	16.94	17.09	16.98	17.70
20	64QAM	1	49	17.02	17.20	17.13	17.70
20	64QAM	1	99	16.88	17.07	16.95	17.70
20	64QAM	50	0	16.99	17.15	17.03	17.70
20	64QAM	50	24	16.96	17.15	17.02	17.70
20	64QAM	50	50	16.96	17.18	17.05	17.70
20	64QAM	100	0	16.86	17.06	16.86	17.70
20	256QAM	1	0	16.87	17.04	16.96	17.70
20	256QAM	1	49	16.84	17.04	16.97	17.70
20	256QAM	1	99	16.84	17.05	16.90	17.70
20	256QAM	50	0	16.95	17.17	16.97	17.70
20	256QAM	50	24	16.97	17.15	17.02	17.70
20	256QAM	50	50	16.94	17.05	16.93	17.70
20	256QAM	100	0	16.92	17.10	16.99	17.70
Channel				37825	38000	38175	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	QPSK	1	0	16.95	17.12	17.04	17.70
15	QPSK	1	37	16.70	16.90	16.76	17.70
15	QPSK	1	74	16.96	16.94	16.84	17.70
15	QPSK	36	0	16.97	17.04	17.00	17.70
15	QPSK	36	20	16.79	17.04	16.91	17.70
15	QPSK	36	39	16.67	16.89	16.88	17.70
15	QPSK	75	0	16.85	17.02	16.90	17.70
15	16QAM	1	0	16.85	16.91	16.84	17.70
15	16QAM	1	37	16.73	16.95	16.73	17.70
15	16QAM	1	74	16.87	16.94	16.71	17.70
15	16QAM	36	0	16.98	17.05	17.03	17.70
15	16QAM	36	20	16.80	16.93	16.79	17.70
15	16QAM	36	39	16.73	16.95	16.90	17.70
15	16QAM	75	0	16.92	17.07	16.93	17.70
15	64QAM	1	0	16.88	17.03	16.92	17.70
15	64QAM	1	37	16.88	17.08	17.08	17.70
15	64QAM	1	74	16.83	17.04	16.92	17.70
15	64QAM	36	0	16.90	17.08	16.97	17.70
15	64QAM	36	20	16.85	17.10	16.94	17.70
15	64QAM	36	39	16.88	17.04	16.90	17.70
15	64QAM	75	0	16.79	17.03	16.79	17.70
15	256QAM	1	0	16.82	16.89	16.86	17.70
15	256QAM	1	37	16.73	16.98	16.95	17.70
15	256QAM	1	74	16.82	16.94	16.84	17.70
15	256QAM	36	0	16.93	17.04	16.92	17.70
15	256QAM	36	20	16.87	17.11	16.94	17.70
15	256QAM	36	39	16.89	16.91	16.80	17.70
15	256QAM	75	0	16.90	17.00	16.96	17.70
Channel				37800	38000	38200	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	QPSK	1	0	16.96	17.10	17.03	17.70
10	QPSK	1	25	16.78	16.91	16.70	17.70
10	QPSK	1	49	16.83	17.07	16.81	17.70
10	QPSK	25	0	16.94	17.10	16.93	17.70
10	QPSK	25	12	16.90	17.07	16.90	17.70
10	QPSK	25	25	16.79	16.90	16.80	17.70
10	QPSK	50	0	16.88	17.03	16.86	17.70
10	16QAM	1	0	16.82	17.02	16.89	17.70
10	16QAM	1	25	16.66	16.91	16.82	17.70
10	16QAM	1	49	16.85	16.89	16.80	17.70
10	16QAM	25	0	17.04	17.14	17.05	17.70
10	16QAM	25	12	16.72	16.86	16.79	17.70
10	16QAM	25	25	16.84	16.94	16.79	17.70
10	16QAM	50	0	16.98	17.17	16.93	17.70
10	64QAM	1	0	16.86	17.03	16.87	17.70
10	64QAM	1	25	16.90	17.07	17.06	17.70
10	64QAM	1	49	16.76	17.05	16.82	17.70
10	64QAM	25	0	16.85	17.02	16.91	17.70
10	64QAM	25	12	16.87	17.06	16.91	17.70
10	64QAM	25	25	16.90	17.10	16.94	17.70
10	64QAM	50	0	16.79	17.02	16.74	17.70
10	256QAM	1	0	16.81	16.95	16.88	17.70
10	256QAM	1	25	16.69	16.99	16.85	17.70
10	256QAM	1	49	16.77	16.95	16.84	17.70
10	256QAM	25	0	16.83	17.03	16.85	17.70
10	256QAM	25	12	16.95	17.07	16.98	17.70
10	256QAM	25	25	16.93	16.90	16.80	17.70

10	256QAM	50	0	16.85	17.05	16.92	17.70
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	17.06	17.16	17.01	17.70
5	QPSK	1	12	16.76	16.90	16.68	17.70
5	QPSK	1	24	16.93	17.06	16.92	17.70
5	QPSK	12	0	16.92	17.00	16.91	17.70
5	QPSK	12	7	16.86	17.11	16.90	17.70
5	QPSK	12	13	16.65	16.97	16.87	17.70
5	QPSK	25	0	16.84	16.94	16.93	17.70
5	16QAM	1	0	16.87	16.99	16.95	17.70
5	16QAM	1	12	16.77	16.95	16.80	17.70
5	16QAM	1	24	16.88	16.97	16.83	17.70
5	16QAM	12	0	17.08	17.05	17.03	17.70
5	16QAM	12	7	16.77	16.92	16.70	17.70
5	16QAM	12	13	16.82	16.97	16.77	17.70
5	16QAM	25	0	16.99	17.06	16.97	17.70
5	64QAM	1	0	16.86	17.05	16.86	17.70
5	64QAM	1	12	16.93	17.05	17.05	17.70
5	64QAM	1	24	16.74	17.06	16.83	17.70
5	64QAM	12	0	16.87	17.10	16.90	17.70
5	64QAM	12	7	16.87	17.13	16.96	17.70
5	64QAM	12	13	16.93	17.11	16.90	17.70
5	64QAM	25	0	16.82	16.94	16.72	17.70
5	256QAM	1	0	16.86	17.02	16.92	17.70
5	256QAM	1	12	16.81	16.94	16.83	17.70
5	256QAM	1	24	16.71	16.90	16.78	17.70
5	256QAM	12	0	16.89	17.14	16.94	17.70
5	256QAM	12	7	16.95	17.09	16.98	17.70
5	256QAM	12	13	16.85	16.95	16.79	17.70
5	256QAM	25	0	16.79	16.96	16.92	17.70

【LTE Band 38_Ant 5_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	20.13	20.16	20.09	20.70
20	QPSK	1	49	19.99	20.04	19.86	20.70
20	QPSK	1	99	19.84	19.98	19.80	20.70
20	QPSK	50	0	19.95	20.11	20.03	20.70
20	QPSK	50	24	19.93	20.05	19.86	20.70
20	QPSK	50	50	19.94	20.06	19.89	20.70
20	QPSK	100	0	20.00	20.13	19.98	20.70
20	16QAM	1	0	19.88	19.96	19.85	20.70
20	16QAM	1	49	20.10	20.18	20.03	20.70
20	16QAM	1	99	20.05	20.11	20.02	20.70
20	16QAM	50	0	20.14	20.20	20.06	20.70
20	16QAM	50	24	20.06	20.17	20.07	20.70
20	16QAM	50	50	19.93	20.00	19.83	20.70
20	16QAM	100	0	19.89	20.05	19.92	20.70
20	64QAM	1	0	20.11	20.20	20.08	20.70
20	64QAM	1	49	19.90	19.99	19.87	20.70
20	64QAM	1	99	20.03	20.20	20.11	20.70
20	64QAM	50	0	19.99	20.07	19.92	20.70
20	64QAM	50	24	19.95	20.04	19.90	20.70
20	64QAM	50	50	19.90	20.05	19.90	20.70
20	64QAM	100	0	19.91	20.06	19.98	20.70
20	256QAM	1	0	19.93	20.07	19.97	20.70
20	256QAM	1	49	20.03	20.07	19.90	20.70
20	256QAM	1	99	20.00	20.16	20.05	20.70
20	256QAM	50	0	20.08	20.13	19.96	20.70
20	256QAM	50	24	19.97	20.02	19.88	20.70
20	256QAM	50	50	20.08	20.14	19.99	20.70
20	256QAM	100	0	19.93	20.10	19.98	20.70
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	20.03	20.04	19.96	20.70
15	QPSK	1	37	19.90	20.01	19.75	20.70

15	QPSK	1	74	19.73	19.90	19.67	20.70
15	QPSK	36	0	19.83	19.98	20.00	20.70
15	QPSK	36	20	19.91	20.02	19.77	20.70
15	QPSK	36	39	19.80	20.00	19.78	20.70
15	QPSK	75	0	19.95	20.11	19.97	20.70
15	16QAM	1	0	19.76	19.86	19.73	20.70
15	16QAM	1	37	20.07	20.10	19.92	20.70
15	16QAM	1	74	20.03	20.03	19.91	20.70
15	16QAM	36	0	20.01	20.09	19.93	20.70
15	16QAM	36	20	20.05	20.10	19.99	20.70
15	16QAM	36	39	19.89	19.96	19.76	20.70
15	16QAM	75	0	19.81	20.00	19.82	20.70
15	64QAM	1	0	20.03	20.14	20.01	20.70
15	64QAM	1	37	19.78	19.89	19.78	20.70
15	64QAM	1	74	19.91	20.17	20.03	20.70
15	64QAM	36	0	19.94	20.02	19.89	20.70
15	64QAM	36	20	19.90	19.93	19.77	20.70
15	64QAM	36	39	19.83	20.01	19.78	20.70
15	64QAM	75	0	19.84	19.93	19.92	20.70
15	256QAM	1	0	19.91	20.05	19.86	20.70
15	256QAM	1	37	19.93	19.93	19.78	20.70
15	256QAM	1	74	19.98	20.06	20.00	20.70
15	256QAM	36	0	20.00	20.09	19.83	20.70
15	256QAM	36	20	19.90	19.91	19.75	20.70
15	256QAM	36	39	20.03	20.01	19.89	20.70
15	256QAM	75	0	19.87	20.06	19.84	20.70
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	20.02	20.07	20.00	20.70
10	QPSK	1	25	19.84	19.94	19.74	20.70
10	QPSK	1	49	19.70	19.85	19.69	20.70
10	QPSK	25	0	19.80	20.05	19.96	20.70
10	QPSK	25	12	19.87	19.93	19.72	20.70
10	QPSK	25	25	19.81	20.03	19.80	20.70
10	QPSK	50	0	19.95	20.01	19.90	20.70
10	16QAM	1	0	19.77	19.84	19.78	20.70
10	16QAM	1	25	20.03	20.16	19.95	20.70
10	16QAM	1	49	19.93	19.99	19.90	20.70
10	16QAM	25	0	20.04	20.15	20.03	20.70
10	16QAM	25	12	20.00	20.12	19.95	20.70
10	16QAM	25	25	19.88	19.86	19.76	20.70
10	16QAM	50	0	19.79	19.95	19.85	20.70
10	64QAM	1	0	20.08	20.07	20.06	20.70
10	64QAM	1	25	19.83	19.90	19.84	20.70
10	64QAM	1	49	19.92	20.13	19.98	20.70
10	64QAM	25	0	19.91	19.99	19.81	20.70
10	64QAM	25	12	19.93	19.91	19.82	20.70
10	64QAM	25	25	19.76	19.97	19.78	20.70
10	64QAM	50	0	19.84	20.02	19.87	20.70
10	256QAM	1	0	19.83	20.00	19.95	20.70
10	256QAM	1	25	20.02	19.94	19.82	20.70
10	256QAM	1	49	19.98	20.09	19.96	20.70
10	256QAM	25	0	20.01	20.00	19.91	20.70
10	256QAM	25	12	19.91	19.93	19.82	20.70
10	256QAM	25	25	20.02	20.10	19.89	20.70
10	256QAM	50	0	19.85	20.06	19.88	20.70
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	20.10	20.11	19.97	20.70
5	QPSK	1	12	19.84	20.01	19.76	20.70
5	QPSK	1	24	19.69	19.87	19.76	20.70
5	QPSK	12	0	19.90	20.00	19.92	20.70
5	QPSK	12	7	19.79	20.02	19.74	20.70
5	QPSK	12	13	19.83	19.95	19.87	20.70
5	QPSK	25	0	19.91	20.05	19.90	20.70
5	16QAM	1	0	19.84	19.87	19.75	20.70
5	16QAM	1	12	20.07	20.16	20.00	20.70
5	16QAM	1	24	20.02	19.99	19.91	20.70
5	16QAM	12	0	20.05	20.18	19.96	20.70
5	16QAM	12	7	20.05	20.03	20.03	20.70
5	16QAM	12	13	19.84	19.94	19.78	20.70
5	16QAM	25	0	19.82	19.92	19.87	20.70
5	64QAM	1	0	20.10	20.06	20.06	20.70
5	64QAM	1	12	19.85	19.88	19.80	20.70

5	64QAM	1	24	19.91	20.14	20.02	20.70
5	64QAM	12	0	19.88	20.05	19.85	20.70
5	64QAM	12	7	19.84	20.02	19.79	20.70
5	64QAM	12	13	19.79	20.02	19.76	20.70
5	64QAM	25	0	19.84	20.02	19.91	20.70
5	256QAM	1	0	19.79	19.95	19.87	20.70
5	256QAM	1	12	19.89	19.93	19.84	20.70
5	256QAM	1	24	19.96	20.13	20.03	20.70
5	256QAM	12	0	19.99	20.01	19.87	20.70
5	256QAM	12	7	19.94	19.99	19.83	20.70
5	256QAM	12	13	19.95	20.01	19.97	20.70
5	256QAM	25	0	19.85	20.07	19.93	20.70

【LTE Band 38_Ant 5_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	25.03	25.08	25.01	25.70
20	QPSK	1	49	24.90	25.03	24.83	25.70
20	QPSK	1	99	24.96	25.03	24.82	25.70
20	QPSK	50	0	23.93	24.12	24.04	24.70
20	QPSK	50	24	23.91	24.10	24.00	24.70
20	QPSK	50	50	23.89	23.97	23.78	24.70
20	QPSK	100	0	24.07	24.13	24.00	24.70
20	16QAM	1	0	23.95	24.09	23.98	24.70
20	16QAM	1	49	24.09	24.24	24.16	24.70
20	16QAM	1	99	24.02	24.19	24.00	24.70
20	16QAM	50	0	23.07	23.23	23.02	23.70
20	16QAM	50	24	23.02	23.20	23.09	23.70
20	16QAM	50	50	22.93	22.99	22.83	23.70
20	16QAM	100	0	22.95	23.03	22.84	23.70
20	64QAM	1	0	22.77	22.93	22.74	23.70
20	64QAM	1	49	23.07	23.19	23.02	23.70
20	64QAM	1	99	23.05	23.24	23.08	23.70
20	64QAM	50	0	22.23	22.37	22.20	22.70
20	64QAM	50	24	21.91	22.02	21.93	22.70
20	64QAM	50	50	22.10	22.21	22.10	22.70
20	64QAM	100	0	21.92	22.08	21.92	22.70
20	256QAM	1	0	20.02	20.09	19.99	20.70
20	256QAM	1	49	20.13	20.30	20.15	20.70
20	256QAM	1	99	20.19	20.31	20.20	20.70
20	256QAM	50	0	20.23	20.32	20.16	20.70
20	256QAM	50	24	20.04	20.17	20.00	20.70
20	256QAM	50	50	20.16	20.24	20.11	20.70
20	256QAM	100	0	20.05	20.20	20.01	20.70
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	25.02	24.96	24.91	25.70
15	QPSK	1	37	24.84	24.95	24.76	25.70
15	QPSK	1	74	24.87	25.01	24.73	25.70
15	QPSK	36	0	23.85	24.04	23.91	24.70
15	QPSK	36	20	23.90	23.99	23.97	24.70
15	QPSK	36	39	23.82	23.89	23.64	24.70
15	QPSK	75	0	24.02	24.06	23.94	24.70
15	16QAM	1	0	23.91	24.07	23.87	24.70
15	16QAM	1	37	24.01	24.11	24.08	24.70
15	16QAM	1	74	23.98	24.11	23.85	24.70
15	16QAM	36	0	23.02	23.22	22.94	23.70
15	16QAM	36	20	22.90	23.08	23.07	23.70
15	16QAM	36	39	22.78	22.96	22.75	23.70
15	16QAM	75	0	22.92	22.91	22.77	23.70
15	64QAM	1	0	22.68	22.84	22.68	23.70
15	64QAM	1	37	23.03	23.14	23.00	23.70
15	64QAM	1	74	22.99	23.18	23.04	23.70
15	64QAM	36	0	22.11	22.31	22.10	22.70
15	64QAM	36	20	21.79	21.90	21.84	22.70
15	64QAM	36	39	22.05	22.19	22.03	22.70
15	64QAM	75	0	21.85	22.03	21.77	22.70

15	256QAM	1	0	20.01	19.99	19.89	20.70
15	256QAM	1	37	20.03	20.29	20.00	20.70
15	256QAM	1	74	20.06	20.27	20.08	20.70
15	256QAM	36	0	20.13	20.19	20.13	20.70
15	256QAM	36	20	20.02	20.05	19.93	20.70
15	256QAM	36	39	20.07	20.11	20.05	20.70
15	256QAM	75	0	19.96	20.12	19.88	20.70
Channel				37800	38000	38200	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	QPSK	1	0	24.91	25.01	24.99	25.70
10	QPSK	1	25	24.88	24.90	24.75	25.70
10	QPSK	1	49	24.82	24.94	24.68	25.70
10	QPSK	25	0	23.91	24.05	23.96	24.70
10	QPSK	25	12	23.87	24.00	23.90	24.70
10	QPSK	25	25	23.77	23.93	23.66	24.70
10	QPSK	50	0	23.97	24.11	23.87	24.70
10	16QAM	1	0	23.85	24.05	23.84	24.70
10	16QAM	1	25	23.96	24.19	24.04	24.70
10	16QAM	1	49	24.01	24.06	23.87	24.70
10	16QAM	25	0	22.98	23.09	23.00	23.70
10	16QAM	25	12	22.93	23.12	23.07	23.70
10	16QAM	25	25	22.90	22.84	22.73	23.70
10	16QAM	50	0	22.86	22.94	22.79	23.70
10	64QAM	1	0	22.72	22.78	22.70	23.70
10	64QAM	1	25	22.95	23.16	22.96	23.70
10	64QAM	1	49	22.93	23.10	22.97	23.70
10	64QAM	25	0	22.19	22.36	22.12	22.70
10	64QAM	25	12	21.79	21.96	21.83	22.70
10	64QAM	25	25	22.06	22.14	21.97	22.70
10	64QAM	50	0	21.80	21.97	21.82	22.70
10	256QAM	1	0	19.94	20.01	19.97	20.70
10	256QAM	1	25	20.02	20.25	20.12	20.70
10	256QAM	1	49	20.09	20.28	20.15	20.70
10	256QAM	25	0	20.16	20.19	20.10	20.70
10	256QAM	25	12	19.98	20.04	19.92	20.70
10	256QAM	25	25	20.03	20.20	19.96	20.70
10	256QAM	50	0	19.98	20.09	19.88	20.70
Channel				37775	38000	38225	Tune-up limit
Frequency (MHz)				2572.5	2595	2617.5	(dBm)
5	QPSK	1	0	24.93	25.05	24.89	25.70
5	QPSK	1	12	24.77	24.96	24.71	25.70
5	QPSK	1	24	24.90	24.92	24.73	25.70
5	QPSK	12	0	23.85	24.05	24.00	24.70
5	QPSK	12	7	23.82	24.06	23.97	24.70
5	QPSK	12	13	23.78	23.90	23.68	24.70
5	QPSK	25	0	23.96	24.05	23.95	24.70
5	16QAM	1	0	23.83	23.99	23.96	24.70
5	16QAM	1	12	24.00	24.13	24.03	24.70
5	16QAM	1	24	23.92	24.17	23.90	24.70
5	16QAM	12	0	22.95	23.14	22.90	23.70
5	16QAM	12	7	22.99	23.14	22.95	23.70
5	16QAM	12	13	22.88	22.89	22.80	23.70
5	16QAM	25	0	22.82	22.97	22.82	23.70
5	64QAM	1	0	22.73	22.85	22.71	23.70
5	64QAM	1	12	23.03	23.13	22.92	23.70
5	64QAM	1	24	22.99	23.15	22.98	23.70
5	64QAM	12	0	22.22	22.23	22.09	22.70
5	64QAM	12	7	21.85	21.99	21.88	22.70
5	64QAM	12	13	22.04	22.15	22.07	22.70
5	64QAM	25	0	21.80	21.97	21.85	22.70
5	256QAM	1	0	20.00	19.98	19.92	20.70
5	256QAM	1	12	20.12	20.24	20.10	20.70
5	256QAM	1	24	20.16	20.24	20.19	20.70
5	256QAM	12	0	20.21	20.30	20.15	20.70
5	256QAM	12	7	20.03	20.09	19.88	20.70
5	256QAM	12	13	20.09	20.14	20.09	20.70
5	256QAM	25	0	19.98	20.19	19.88	20.70

【LTE Band 38_Ant 5_DSI 5】

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	17.10	17.18	17.13	17.70
20	QPSK	1	49	16.81	16.97	16.83	17.70
20	QPSK	1	99	16.97	17.09	16.94	17.70
20	QPSK	50	0	17.04	17.13	17.04	17.70
20	QPSK	50	24	16.93	17.12	16.94	17.70
20	QPSK	50	50	16.80	17.00	16.91	17.70
20	QPSK	100	0	16.93	17.09	16.98	17.70
20	16QAM	1	0	16.93	17.06	16.96	17.70
20	16QAM	1	49	16.79	17.01	16.85	17.70
20	16QAM	1	99	16.89	16.99	16.85	17.70
20	16QAM	50	0	17.10	17.19	17.06	17.70
20	16QAM	50	24	16.81	16.97	16.81	17.70
20	16QAM	50	50	16.86	17.00	16.91	17.70
20	16QAM	100	0	17.02	17.19	17.00	17.70
20	64QAM	1	0	16.94	17.09	16.98	17.70
20	64QAM	1	49	17.02	17.20	17.13	17.70
20	64QAM	1	99	16.88	17.07	16.95	17.70
20	64QAM	50	0	16.99	17.15	17.03	17.70
20	64QAM	50	24	16.96	17.15	17.02	17.70
20	64QAM	50	50	16.96	17.18	17.05	17.70
20	64QAM	100	0	16.86	17.06	16.86	17.70
20	256QAM	1	0	16.87	17.04	16.96	17.70
20	256QAM	1	49	16.84	17.04	16.97	17.70
20	256QAM	1	99	16.84	17.05	16.90	17.70
20	256QAM	50	0	16.95	17.17	16.97	17.70
20	256QAM	50	24	16.97	17.15	17.02	17.70
20	256QAM	50	50	16.94	17.05	16.93	17.70
20	256QAM	100	0	16.92	17.10	16.99	17.70
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	16.95	17.12	17.04	17.70
15	QPSK	1	37	16.70	16.90	16.76	17.70
15	QPSK	1	74	16.96	16.94	16.84	17.70
15	QPSK	36	0	16.97	17.04	17.00	17.70
15	QPSK	36	20	16.79	17.04	16.91	17.70
15	QPSK	36	39	16.67	16.89	16.88	17.70
15	QPSK	75	0	16.85	17.02	16.90	17.70
15	16QAM	1	0	16.85	16.91	16.84	17.70
15	16QAM	1	37	16.73	16.95	16.73	17.70
15	16QAM	1	74	16.87	16.94	16.71	17.70
15	16QAM	36	0	16.98	17.05	17.03	17.70
15	16QAM	36	20	16.80	16.93	16.79	17.70
15	16QAM	36	39	16.73	16.95	16.90	17.70
15	16QAM	75	0	16.92	17.07	16.93	17.70
15	64QAM	1	0	16.88	17.03	16.92	17.70
15	64QAM	1	37	16.88	17.08	17.08	17.70
15	64QAM	1	74	16.83	17.04	16.92	17.70
15	64QAM	36	0	16.90	17.08	16.97	17.70
15	64QAM	36	20	16.85	17.10	16.94	17.70
15	64QAM	36	39	16.88	17.04	16.90	17.70
15	64QAM	75	0	16.79	17.03	16.79	17.70
15	256QAM	1	0	16.82	16.89	16.86	17.70
15	256QAM	1	37	16.73	16.98	16.95	17.70
15	256QAM	1	74	16.82	16.94	16.84	17.70
15	256QAM	36	0	16.93	17.04	16.92	17.70
15	256QAM	36	20	16.87	17.11	16.94	17.70
15	256QAM	36	39	16.89	16.91	16.80	17.70
15	256QAM	75	0	16.90	17.00	16.96	17.70
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	16.96	17.10	17.03	17.70
10	QPSK	1	25	16.78	16.91	16.70	17.70
10	QPSK	1	49	16.83	17.07	16.81	17.70
10	QPSK	25	0	16.94	17.10	16.93	17.70
10	QPSK	25	12	16.90	17.07	16.90	17.70
10	QPSK	25	25	16.79	16.90	16.80	17.70

10	QPSK	50	0	16.88	17.03	16.86	17.70
10	16QAM	1	0	16.82	17.02	16.89	17.70
10	16QAM	1	25	16.66	16.91	16.82	17.70
10	16QAM	1	49	16.85	16.89	16.80	17.70
10	16QAM	25	0	17.04	17.14	17.05	17.70
10	16QAM	25	12	16.72	16.86	16.79	17.70
10	16QAM	25	25	16.84	16.94	16.79	17.70
10	16QAM	50	0	16.98	17.17	16.93	17.70
10	64QAM	1	0	16.86	17.03	16.87	17.70
10	64QAM	1	25	16.90	17.07	17.06	17.70
10	64QAM	1	49	16.76	17.05	16.82	17.70
10	64QAM	25	0	16.85	17.02	16.91	17.70
10	64QAM	25	12	16.87	17.06	16.91	17.70
10	64QAM	25	25	16.90	17.10	16.94	17.70
10	64QAM	50	0	16.79	17.02	16.74	17.70
10	256QAM	1	0	16.81	16.95	16.88	17.70
10	256QAM	1	25	16.69	16.99	16.85	17.70
10	256QAM	1	49	16.77	16.95	16.84	17.70
10	256QAM	25	0	16.83	17.03	16.85	17.70
10	256QAM	25	12	16.95	17.07	16.98	17.70
10	256QAM	25	25	16.93	16.90	16.80	17.70
10	256QAM	50	0	16.85	17.05	16.92	17.70
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	17.06	17.16	17.01	17.70
5	QPSK	1	12	16.76	16.90	16.68	17.70
5	QPSK	1	24	16.93	17.06	16.92	17.70
5	QPSK	12	0	16.92	17.00	16.91	17.70
5	QPSK	12	7	16.86	17.11	16.90	17.70
5	QPSK	12	13	16.65	16.97	16.87	17.70
5	QPSK	25	0	16.84	16.94	16.93	17.70
5	16QAM	1	0	16.87	16.99	16.95	17.70
5	16QAM	1	12	16.77	16.95	16.80	17.70
5	16QAM	1	24	16.88	16.97	16.83	17.70
5	16QAM	12	0	17.08	17.05	17.03	17.70
5	16QAM	12	7	16.77	16.92	16.70	17.70
5	16QAM	12	13	16.82	16.97	16.77	17.70
5	16QAM	25	0	16.99	17.06	16.97	17.70
5	64QAM	1	0	16.86	17.05	16.86	17.70
5	64QAM	1	12	16.93	17.05	17.05	17.70
5	64QAM	1	24	16.74	17.06	16.83	17.70
5	64QAM	12	0	16.87	17.10	16.90	17.70
5	64QAM	12	7	16.87	17.13	16.96	17.70
5	64QAM	12	13	16.93	17.11	16.90	17.70
5	64QAM	25	0	16.82	16.94	16.72	17.70
5	256QAM	1	0	16.86	17.02	16.92	17.70
5	256QAM	1	12	16.81	16.94	16.83	17.70
5	256QAM	1	24	16.71	16.90	16.78	17.70
5	256QAM	12	0	16.89	17.14	16.94	17.70
5	256QAM	12	7	16.95	17.09	16.98	17.70
5	256QAM	12	13	16.85	16.95	16.79	17.70
5	256QAM	25	0	16.79	16.96	16.92	17.70

【LTE Band 38_Ant 6_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	24.51	24.56	24.45	25.50
20	QPSK	1	49	24.39	24.56	24.40	25.50
20	QPSK	1	99	24.34	24.50	24.35	25.50
20	QPSK	50	0	23.41	23.58	23.43	24.50
20	QPSK	50	24	23.42	23.53	23.34	24.50
20	QPSK	50	50	23.35	23.54	23.35	24.50
20	QPSK	100	0	23.57	23.68	23.45	24.50
20	16QAM	1	0	23.58	23.74	23.57	24.50
20	16QAM	1	49	23.67	23.74	23.61	24.50
20	16QAM	1	99	23.48	23.65	23.51	24.50
20	16QAM	50	0	22.53	22.68	22.44	23.50

20	16QAM	50	24	22.46	22.60	22.42	23.50
20	16QAM	50	50	22.32	22.51	22.39	23.50
20	16QAM	100	0	22.54	22.62	22.41	23.50
20	64QAM	1	0	22.42	22.52	22.36	23.50
20	64QAM	1	49	22.31	22.50	22.30	23.50
20	64QAM	1	99	22.60	22.78	22.53	23.50
20	64QAM	50	0	21.41	21.50	21.37	22.50
20	64QAM	50	24	21.38	21.52	21.36	22.50
20	64QAM	50	50	21.42	21.51	21.37	22.50
20	64QAM	100	0	21.57	21.65	21.46	22.50
20	256QAM	1	0	19.29	19.46	19.23	20.50
20	256QAM	1	49	19.63	19.70	19.50	20.50
20	256QAM	1	99	19.74	19.82	19.68	20.50
20	256QAM	50	0	19.51	19.64	19.41	20.50
20	256QAM	50	24	19.37	19.55	19.41	20.50
20	256QAM	50	50	19.16	19.30	19.14	20.50
20	256QAM	100	0	19.44	19.61	19.45	20.50
Channel				37825	38000	38175	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	QPSK	1	0	24.37	24.52	24.39	25.50
15	QPSK	1	37	24.36	24.48	24.36	25.50
15	QPSK	1	74	24.26	24.38	24.27	25.50
15	QPSK	36	0	23.28	23.46	23.33	24.50
15	QPSK	36	20	23.28	23.44	23.20	24.50
15	QPSK	36	39	23.31	23.51	23.21	24.50
15	QPSK	75	0	23.43	23.56	23.37	24.50
15	16QAM	1	0	23.53	23.64	23.48	24.50
15	16QAM	1	37	23.62	23.72	23.56	24.50
15	16QAM	1	74	23.42	23.62	23.44	24.50
15	16QAM	36	0	22.39	22.57	22.36	23.50
15	16QAM	36	20	22.40	22.49	22.30	23.50
15	16QAM	36	39	22.20	22.49	22.31	23.50
15	16QAM	75	0	22.51	22.60	22.31	23.50
15	64QAM	1	0	22.38	22.39	22.28	23.50
15	64QAM	1	37	22.28	22.40	22.22	23.50
15	64QAM	1	74	22.58	22.74	22.43	23.50
15	64QAM	36	0	21.30	21.45	21.36	22.50
15	64QAM	36	20	21.27	21.46	21.32	22.50
15	64QAM	36	39	21.40	21.47	21.23	22.50
15	64QAM	75	0	21.44	21.53	21.35	22.50
15	256QAM	1	0	19.15	19.34	19.11	20.50
15	256QAM	1	37	19.57	19.59	19.38	20.50
15	256QAM	1	74	19.70	19.67	19.53	20.50
15	256QAM	36	0	19.49	19.57	19.36	20.50
15	256QAM	36	20	19.35	19.43	19.27	20.50
15	256QAM	36	39	19.12	19.20	19.11	20.50
15	256QAM	75	0	19.30	19.49	19.33	20.50
Channel				37800	38000	38200	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	QPSK	1	0	24.49	24.51	24.40	25.50
10	QPSK	1	25	24.38	24.54	24.37	25.50
10	QPSK	1	49	24.32	24.39	24.24	25.50
10	QPSK	25	0	23.34	23.47	23.42	24.50
10	QPSK	25	12	23.36	23.39	23.21	24.50
10	QPSK	25	25	23.23	23.49	23.27	24.50
10	QPSK	50	0	23.48	23.57	23.43	24.50
10	16QAM	1	0	23.44	23.65	23.47	24.50
10	16QAM	1	25	23.60	23.61	23.58	24.50
10	16QAM	1	49	23.42	23.62	23.43	24.50
10	16QAM	25	0	22.41	22.54	22.33	23.50
10	16QAM	25	12	22.39	22.56	22.40	23.50
10	16QAM	25	25	22.28	22.39	22.34	23.50
10	16QAM	50	0	22.50	22.52	22.33	23.50
10	64QAM	1	0	22.34	22.42	22.27	23.50
10	64QAM	1	25	22.21	22.42	22.21	23.50
10	64QAM	1	49	22.49	22.76	22.40	23.50
10	64QAM	25	0	21.34	21.40	21.29	22.50
10	64QAM	25	12	21.33	21.45	21.30	22.50
10	64QAM	25	25	21.40	21.46	21.28	22.50
10	64QAM	50	0	21.50	21.50	21.42	22.50
10	256QAM	1	0	19.14	19.35	19.15	20.50
10	256QAM	1	25	19.50	19.65	19.46	20.50
10	256QAM	1	49	19.62	19.68	19.56	20.50
10	256QAM	25	0	19.39	19.53	19.28	20.50

10	256QAM	25	12	19.32	19.52	19.34	20.50
10	256QAM	25	25	19.04	19.25	19.08	20.50
10	256QAM	50	0	19.40	19.48	19.35	20.50
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	24.46	24.47	24.41	25.50
5	QPSK	1	12	24.34	24.45	24.39	25.50
5	QPSK	1	24	24.21	24.38	24.32	25.50
5	QPSK	12	0	23.37	23.53	23.32	24.50
5	QPSK	12	7	23.32	23.38	23.20	24.50
5	QPSK	12	13	23.29	23.45	23.26	24.50
5	QPSK	25	0	23.48	23.56	23.38	24.50
5	16QAM	1	0	23.49	23.72	23.52	24.50
5	16QAM	1	12	23.60	23.59	23.48	24.50
5	16QAM	1	24	23.39	23.58	23.38	24.50
5	16QAM	12	0	22.49	22.61	22.35	23.50
5	16QAM	12	7	22.41	22.46	22.32	23.50
5	16QAM	12	13	22.25	22.50	22.31	23.50
5	16QAM	25	0	22.45	22.47	22.30	23.50
5	64QAM	1	0	22.41	22.46	22.33	23.50
5	64QAM	1	12	22.25	22.39	22.29	23.50
5	64QAM	1	24	22.55	22.66	22.48	23.50
5	64QAM	12	0	21.28	21.40	21.34	22.50
5	64QAM	12	7	21.31	21.41	21.31	22.50
5	64QAM	12	13	21.38	21.48	21.33	22.50
5	64QAM	25	0	21.49	21.56	21.33	22.50
5	256QAM	1	0	19.23	19.32	19.13	20.50
5	256QAM	1	12	19.59	19.68	19.47	20.50
5	256QAM	1	24	19.70	19.72	19.55	20.50
5	256QAM	12	0	19.37	19.59	19.27	20.50
5	256QAM	12	7	19.25	19.44	19.33	20.50
5	256QAM	12	13	19.03	19.17	19.03	20.50
5	256QAM	25	0	19.31	19.54	19.30	20.50

【LTE Band 38_Ant 6_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	24.51	24.56	24.45	25.50
20	QPSK	1	49	24.39	24.56	24.40	25.50
20	QPSK	1	99	24.34	24.50	24.35	25.50
20	QPSK	50	0	23.41	23.58	23.43	24.50
20	QPSK	50	24	23.42	23.53	23.34	24.50
20	QPSK	50	50	23.35	23.54	23.35	24.50
20	QPSK	100	0	23.57	23.68	23.45	24.50
20	16QAM	1	0	23.58	23.74	23.57	24.50
20	16QAM	1	49	23.67	23.74	23.61	24.50
20	16QAM	1	99	23.48	23.65	23.51	24.50
20	16QAM	50	0	22.53	22.68	22.44	23.50
20	16QAM	50	24	22.46	22.60	22.42	23.50
20	16QAM	50	50	22.32	22.51	22.39	23.50
20	16QAM	100	0	22.54	22.62	22.41	23.50
20	64QAM	1	0	22.42	22.52	22.36	23.50
20	64QAM	1	49	22.31	22.50	22.30	23.50
20	64QAM	1	99	22.60	22.78	22.53	23.50
20	64QAM	50	0	21.41	21.50	21.37	22.50
20	64QAM	50	24	21.38	21.52	21.36	22.50
20	64QAM	50	50	21.42	21.51	21.37	22.50
20	64QAM	100	0	21.57	21.65	21.46	22.50
20	256QAM	1	0	19.29	19.46	19.23	20.50
20	256QAM	1	49	19.63	19.70	19.50	20.50
20	256QAM	1	99	19.74	19.82	19.68	20.50
20	256QAM	50	0	19.51	19.64	19.41	20.50
20	256QAM	50	24	19.37	19.55	19.41	20.50
20	256QAM	50	50	19.16	19.30	19.14	20.50
20	256QAM	100	0	19.44	19.61	19.45	20.50
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	

15	QPSK	1	0	24.37	24.52	24.39	25.50
15	QPSK	1	37	24.36	24.48	24.36	25.50
15	QPSK	1	74	24.26	24.38	24.27	25.50
15	QPSK	36	0	23.28	23.46	23.33	24.50
15	QPSK	36	20	23.28	23.44	23.20	24.50
15	QPSK	36	39	23.31	23.51	23.21	24.50
15	QPSK	75	0	23.43	23.56	23.37	24.50
15	16QAM	1	0	23.53	23.64	23.48	24.50
15	16QAM	1	37	23.62	23.72	23.56	24.50
15	16QAM	1	74	23.42	23.62	23.44	24.50
15	16QAM	36	0	22.39	22.57	22.36	23.50
15	16QAM	36	20	22.40	22.49	22.30	23.50
15	16QAM	36	39	22.20	22.49	22.31	23.50
15	16QAM	75	0	22.51	22.60	22.31	23.50
15	64QAM	1	0	22.38	22.39	22.28	23.50
15	64QAM	1	37	22.28	22.40	22.22	23.50
15	64QAM	1	74	22.58	22.74	22.43	23.50
15	64QAM	36	0	21.30	21.45	21.36	22.50
15	64QAM	36	20	21.27	21.46	21.32	22.50
15	64QAM	36	39	21.40	21.47	21.23	22.50
15	64QAM	75	0	21.44	21.53	21.35	22.50
15	256QAM	1	0	19.15	19.34	19.11	20.50
15	256QAM	1	37	19.57	19.59	19.38	20.50
15	256QAM	1	74	19.70	19.67	19.53	20.50
15	256QAM	36	0	19.49	19.57	19.36	20.50
15	256QAM	36	20	19.35	19.43	19.27	20.50
15	256QAM	36	39	19.12	19.20	19.11	20.50
15	256QAM	75	0	19.30	19.49	19.33	20.50
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	24.49	24.51	24.40	25.50
10	QPSK	1	25	24.38	24.54	24.37	25.50
10	QPSK	1	49	24.32	24.39	24.24	25.50
10	QPSK	25	0	23.34	23.47	23.42	24.50
10	QPSK	25	12	23.36	23.39	23.21	24.50
10	QPSK	25	25	23.23	23.49	23.27	24.50
10	QPSK	50	0	23.48	23.57	23.43	24.50
10	16QAM	1	0	23.44	23.65	23.47	24.50
10	16QAM	1	25	23.60	23.61	23.58	24.50
10	16QAM	1	49	23.42	23.62	23.43	24.50
10	16QAM	25	0	22.41	22.54	22.33	23.50
10	16QAM	25	12	22.39	22.56	22.40	23.50
10	16QAM	25	25	22.28	22.39	22.34	23.50
10	16QAM	50	0	22.50	22.52	22.33	23.50
10	64QAM	1	0	22.34	22.42	22.27	23.50
10	64QAM	1	25	22.21	22.42	22.21	23.50
10	64QAM	1	49	22.49	22.76	22.40	23.50
10	64QAM	25	0	21.34	21.40	21.29	22.50
10	64QAM	25	12	21.33	21.45	21.30	22.50
10	64QAM	25	25	21.40	21.46	21.28	22.50
10	64QAM	50	0	21.50	21.50	21.42	22.50
10	256QAM	1	0	19.14	19.35	19.15	20.50
10	256QAM	1	25	19.50	19.65	19.46	20.50
10	256QAM	1	49	19.62	19.68	19.56	20.50
10	256QAM	25	0	19.39	19.53	19.28	20.50
10	256QAM	25	12	19.32	19.52	19.34	20.50
10	256QAM	25	25	19.04	19.25	19.08	20.50
10	256QAM	50	0	19.40	19.48	19.35	20.50
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	24.46	24.47	24.41	25.50
5	QPSK	1	12	24.34	24.45	24.39	25.50
5	QPSK	1	24	24.21	24.38	24.32	25.50
5	QPSK	12	0	23.37	23.53	23.32	24.50
5	QPSK	12	7	23.32	23.38	23.20	24.50
5	QPSK	12	13	23.29	23.45	23.26	24.50
5	QPSK	25	0	23.48	23.56	23.38	24.50
5	16QAM	1	0	23.49	23.72	23.52	24.50
5	16QAM	1	12	23.60	23.59	23.48	24.50
5	16QAM	1	24	23.39	23.58	23.38	24.50
5	16QAM	12	0	22.49	22.61	22.35	23.50
5	16QAM	12	7	22.41	22.46	22.32	23.50
5	16QAM	12	13	22.25	22.50	22.31	23.50
5	16QAM	25	0	22.45	22.47	22.30	23.50

5	64QAM	1	0	22.41	22.46	22.33	23.50
5	64QAM	1	12	22.25	22.39	22.29	23.50
5	64QAM	1	24	22.55	22.66	22.48	23.50
5	64QAM	12	0	21.28	21.40	21.34	22.50
5	64QAM	12	7	21.31	21.41	21.31	22.50
5	64QAM	12	13	21.38	21.48	21.33	22.50
5	64QAM	25	0	21.49	21.56	21.33	22.50
5	256QAM	1	0	19.23	19.32	19.13	20.50
5	256QAM	1	12	19.59	19.68	19.47	20.50
5	256QAM	1	24	19.70	19.72	19.55	20.50
5	256QAM	12	0	19.37	19.59	19.27	20.50
5	256QAM	12	7	19.25	19.44	19.33	20.50
5	256QAM	12	13	19.03	19.17	19.03	20.50
5	256QAM	25	0	19.31	19.54	19.30	20.50

【LTE Band 38_Ant 6_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	21.43	21.53	21.52	22.00
20	QPSK	1	49	21.36	21.51	21.48	22.00
20	QPSK	1	99	21.20	21.38	21.26	22.00
20	QPSK	50	0	21.34	21.46	21.38	22.00
20	QPSK	50	24	21.03	21.28	21.12	22.00
20	QPSK	50	50	21.25	21.44	21.37	22.00
20	QPSK	100	0	21.22	21.40	21.37	22.00
20	16QAM	1	0	21.00	21.21	21.17	22.00
20	16QAM	1	49	21.16	21.30	21.28	22.00
20	16QAM	1	99	21.28	21.43	21.37	22.00
20	16QAM	50	0	21.28	21.49	21.34	22.00
20	16QAM	50	24	20.97	21.18	21.13	22.00
20	16QAM	50	50	21.37	21.55	21.52	22.00
20	16QAM	100	0	21.28	21.40	21.37	22.00
20	64QAM	1	0	21.19	21.36	21.22	22.00
20	64QAM	1	49	21.01	21.21	21.10	22.00
20	64QAM	1	99	21.29	21.41	21.33	22.00
20	64QAM	50	0	21.14	21.34	21.30	22.00
20	64QAM	50	24	21.17	21.33	21.17	22.00
20	64QAM	50	50	21.20	21.32	21.18	22.00
20	64QAM	100	0	21.22	21.40	21.38	22.00
20	256QAM	1	0	19.91	20.14	20.04	20.50
20	256QAM	1	49	19.70	19.89	19.82	20.50
20	256QAM	1	99	19.65	19.78	19.68	20.50
20	256QAM	50	0	19.78	19.89	19.82	20.50
20	256QAM	50	24	19.51	19.69	19.62	20.50
20	256QAM	50	50	19.73	19.92	19.87	20.50
20	256QAM	100	0	19.80	19.95	19.83	20.50
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	21.40	21.41	21.46	22.00
15	QPSK	1	37	21.33	21.49	21.46	22.00
15	QPSK	1	74	21.13	21.31	21.12	22.00
15	QPSK	36	0	21.24	21.36	21.26	22.00
15	QPSK	36	20	21.01	21.25	21.04	22.00
15	QPSK	36	39	21.15	21.39	21.30	22.00
15	QPSK	75	0	21.08	21.36	21.23	22.00
15	16QAM	1	0	20.89	21.07	21.09	22.00
15	16QAM	1	37	21.06	21.24	21.21	22.00
15	16QAM	1	74	21.20	21.39	21.23	22.00
15	16QAM	36	0	21.22	21.44	21.30	22.00
15	16QAM	36	20	20.86	21.09	21.08	22.00
15	16QAM	36	39	21.25	21.48	21.46	22.00
15	16QAM	75	0	21.22	21.26	21.32	22.00
15	64QAM	1	0	21.16	21.29	21.07	22.00
15	64QAM	1	37	20.96	21.20	20.97	22.00
15	64QAM	1	74	21.22	21.34	21.26	22.00
15	64QAM	36	0	21.10	21.33	21.21	22.00
15	64QAM	36	20	21.15	21.21	21.06	22.00

15	64QAM	36	39	21.07	21.28	21.03	22.00
15	64QAM	75	0	21.16	21.29	21.36	22.00
15	256QAM	1	0	19.86	20.10	20.02	20.50
15	256QAM	1	37	19.55	19.80	19.74	20.50
15	256QAM	1	74	19.54	19.63	19.62	20.50
15	256QAM	36	0	19.65	19.77	19.69	20.50
15	256QAM	36	20	19.37	19.62	19.56	20.50
15	256QAM	36	39	19.64	19.79	19.78	20.50
15	256QAM	75	0	19.65	19.91	19.73	20.50
Channel				37800	38000	38200	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	QPSK	1	0	21.38	21.44	21.41	22.00
10	QPSK	1	25	21.30	21.45	21.40	22.00
10	QPSK	1	49	21.13	21.37	21.19	22.00
10	QPSK	25	0	21.23	21.44	21.28	22.00
10	QPSK	25	12	20.90	21.25	20.99	22.00
10	QPSK	25	25	21.15	21.32	21.30	22.00
10	QPSK	50	0	21.07	21.38	21.26	22.00
10	16QAM	1	0	20.95	21.10	21.03	22.00
10	16QAM	1	25	21.09	21.28	21.25	22.00
10	16QAM	1	49	21.22	21.36	21.25	22.00
10	16QAM	25	0	21.16	21.47	21.22	22.00
10	16QAM	25	12	20.84	21.08	21.07	22.00
10	16QAM	25	25	21.24	21.41	21.45	22.00
10	16QAM	50	0	21.13	21.38	21.34	22.00
10	64QAM	1	0	21.07	21.28	21.08	22.00
10	64QAM	1	25	20.98	21.20	20.95	22.00
10	64QAM	1	49	21.23	21.37	21.25	22.00
10	64QAM	25	0	21.01	21.23	21.25	22.00
10	64QAM	25	12	21.10	21.31	21.13	22.00
10	64QAM	25	25	21.11	21.28	21.11	22.00
10	64QAM	50	0	21.09	21.25	21.35	22.00
10	256QAM	1	0	19.77	20.12	20.02	20.50
10	256QAM	1	25	19.56	19.79	19.69	20.50
10	256QAM	1	49	19.63	19.68	19.66	20.50
10	256QAM	25	0	19.71	19.78	19.78	20.50
10	256QAM	25	12	19.44	19.60	19.56	20.50
10	256QAM	25	25	19.59	19.78	19.83	20.50
10	256QAM	50	0	19.68	19.90	19.68	20.50
Channel				37775	38000	38225	Tune-up limit
Frequency (MHz)				2572.5	2595	2617.5	(dBm)
5	QPSK	1	0	21.40	21.46	21.47	22.00
5	QPSK	1	12	21.23	21.46	21.47	22.00
5	QPSK	1	24	21.09	21.28	21.16	22.00
5	QPSK	12	0	21.31	21.41	21.34	22.00
5	QPSK	12	7	20.88	21.27	21.08	22.00
5	QPSK	12	13	21.24	21.32	21.33	22.00
5	QPSK	25	0	21.09	21.26	21.33	22.00
5	16QAM	1	0	20.88	21.09	21.07	22.00
5	16QAM	1	12	21.07	21.28	21.16	22.00
5	16QAM	1	24	21.15	21.34	21.34	22.00
5	16QAM	12	0	21.16	21.44	21.23	22.00
5	16QAM	12	7	20.94	21.12	21.00	22.00
5	16QAM	12	13	21.24	21.51	21.45	22.00
5	16QAM	25	0	21.20	21.28	21.22	22.00
5	64QAM	1	0	21.12	21.31	21.21	22.00
5	64QAM	1	12	20.94	21.13	21.03	22.00
5	64QAM	1	24	21.25	21.30	21.22	22.00
5	64QAM	12	0	21.11	21.30	21.20	22.00
5	64QAM	12	7	21.11	21.23	21.14	22.00
5	64QAM	12	13	21.06	21.21	21.15	22.00
5	64QAM	25	0	21.19	21.33	21.35	22.00
5	256QAM	1	0	19.86	20.02	20.03	20.50
5	256QAM	1	12	19.66	19.85	19.81	20.50
5	256QAM	1	24	19.58	19.75	19.62	20.50
5	256QAM	12	0	19.66	19.86	19.68	20.50
5	256QAM	12	7	19.37	19.56	19.53	20.50
5	256QAM	12	13	19.66	19.89	19.82	20.50
5	256QAM	25	0	19.73	19.86	19.69	20.50

【LTE Band 38_Ant 6_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	21.43	21.53	21.52	22.00
20	QPSK	1	49	21.36	21.51	21.48	22.00
20	QPSK	1	99	21.20	21.38	21.26	22.00
20	QPSK	50	0	21.34	21.46	21.38	22.00
20	QPSK	50	24	21.03	21.28	21.12	22.00
20	QPSK	50	50	21.25	21.44	21.37	22.00
20	QPSK	100	0	21.22	21.40	21.37	22.00
20	16QAM	1	0	21.00	21.21	21.17	22.00
20	16QAM	1	49	21.16	21.30	21.28	22.00
20	16QAM	1	99	21.28	21.43	21.37	22.00
20	16QAM	50	0	21.28	21.49	21.34	22.00
20	16QAM	50	24	20.97	21.18	21.13	22.00
20	16QAM	50	50	21.37	21.55	21.52	22.00
20	16QAM	100	0	21.28	21.40	21.37	22.00
20	64QAM	1	0	21.19	21.36	21.22	22.00
20	64QAM	1	49	21.01	21.21	21.10	22.00
20	64QAM	1	99	21.29	21.41	21.33	22.00
20	64QAM	50	0	21.14	21.34	21.30	22.00
20	64QAM	50	24	21.17	21.33	21.17	22.00
20	64QAM	50	50	21.20	21.32	21.18	22.00
20	64QAM	100	0	21.22	21.40	21.38	22.00
20	256QAM	1	0	19.91	20.14	20.04	20.50
20	256QAM	1	49	19.70	19.89	19.82	20.50
20	256QAM	1	99	19.65	19.78	19.68	20.50
20	256QAM	50	0	19.78	19.89	19.82	20.50
20	256QAM	50	24	19.51	19.69	19.62	20.50
20	256QAM	50	50	19.73	19.92	19.87	20.50
20	256QAM	100	0	19.80	19.95	19.83	20.50
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	21.40	21.41	21.46	22.00
15	QPSK	1	37	21.33	21.49	21.46	22.00
15	QPSK	1	74	21.13	21.31	21.12	22.00
15	QPSK	36	0	21.24	21.36	21.26	22.00
15	QPSK	36	20	21.01	21.25	21.04	22.00
15	QPSK	36	39	21.15	21.39	21.30	22.00
15	QPSK	75	0	21.08	21.36	21.23	22.00
15	16QAM	1	0	20.89	21.07	21.09	22.00
15	16QAM	1	37	21.06	21.24	21.21	22.00
15	16QAM	1	74	21.20	21.39	21.23	22.00
15	16QAM	36	0	21.22	21.44	21.30	22.00
15	16QAM	36	20	20.86	21.09	21.08	22.00
15	16QAM	36	39	21.25	21.48	21.46	22.00
15	16QAM	75	0	21.22	21.26	21.32	22.00
15	64QAM	1	0	21.16	21.29	21.07	22.00
15	64QAM	1	37	20.96	21.20	20.97	22.00
15	64QAM	1	74	21.22	21.34	21.26	22.00
15	64QAM	36	0	21.10	21.33	21.21	22.00
15	64QAM	36	20	21.15	21.21	21.06	22.00
15	64QAM	36	39	21.07	21.28	21.03	22.00
15	64QAM	75	0	21.16	21.29	21.36	22.00
15	256QAM	1	0	19.86	20.10	20.02	20.50
15	256QAM	1	37	19.55	19.80	19.74	20.50
15	256QAM	1	74	19.54	19.63	19.62	20.50
15	256QAM	36	0	19.65	19.77	19.69	20.50
15	256QAM	36	20	19.37	19.62	19.56	20.50
15	256QAM	36	39	19.64	19.79	19.78	20.50
15	256QAM	75	0	19.65	19.91	19.73	20.50
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	21.38	21.44	21.41	22.00
10	QPSK	1	25	21.30	21.45	21.40	22.00
10	QPSK	1	49	21.13	21.37	21.19	22.00
10	QPSK	25	0	21.23	21.44	21.28	22.00
10	QPSK	25	12	20.90	21.25	20.99	22.00
10	QPSK	25	25	21.15	21.32	21.30	22.00
10	QPSK	50	0	21.07	21.38	21.26	22.00
10	16QAM	1	0	20.95	21.10	21.03	22.00

10	16QAM	1	25	21.09	21.28	21.25	22.00
10	16QAM	1	49	21.22	21.36	21.25	22.00
10	16QAM	25	0	21.16	21.47	21.22	22.00
10	16QAM	25	12	20.84	21.08	21.07	22.00
10	16QAM	25	25	21.24	21.41	21.45	22.00
10	16QAM	50	0	21.13	21.38	21.34	22.00
10	64QAM	1	0	21.07	21.28	21.08	22.00
10	64QAM	1	25	20.98	21.20	20.95	22.00
10	64QAM	1	49	21.23	21.37	21.25	22.00
10	64QAM	25	0	21.01	21.23	21.25	22.00
10	64QAM	25	12	21.10	21.31	21.13	22.00
10	64QAM	25	25	21.11	21.28	21.11	22.00
10	64QAM	50	0	21.09	21.25	21.35	22.00
10	256QAM	1	0	19.77	20.12	20.02	20.50
10	256QAM	1	25	19.56	19.79	19.69	20.50
10	256QAM	1	49	19.63	19.68	19.66	20.50
10	256QAM	25	0	19.71	19.78	19.78	20.50
10	256QAM	25	12	19.44	19.60	19.56	20.50
10	256QAM	25	25	19.59	19.78	19.83	20.50
10	256QAM	50	0	19.68	19.90	19.68	20.50
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	21.40	21.46	21.47	22.00
5	QPSK	1	12	21.23	21.46	21.47	22.00
5	QPSK	1	24	21.09	21.28	21.16	22.00
5	QPSK	12	0	21.31	21.41	21.34	22.00
5	QPSK	12	7	20.88	21.27	21.08	22.00
5	QPSK	12	13	21.24	21.32	21.33	22.00
5	QPSK	25	0	21.09	21.26	21.33	22.00
5	16QAM	1	0	20.88	21.09	21.07	22.00
5	16QAM	1	12	21.07	21.28	21.16	22.00
5	16QAM	1	24	21.15	21.34	21.34	22.00
5	16QAM	12	0	21.16	21.44	21.23	22.00
5	16QAM	12	7	20.94	21.12	21.00	22.00
5	16QAM	12	13	21.24	21.51	21.45	22.00
5	16QAM	25	0	21.20	21.28	21.22	22.00
5	64QAM	1	0	21.12	21.31	21.21	22.00
5	64QAM	1	12	20.94	21.13	21.03	22.00
5	64QAM	1	24	21.25	21.30	21.22	22.00
5	64QAM	12	0	21.11	21.30	21.20	22.00
5	64QAM	12	7	21.11	21.23	21.14	22.00
5	64QAM	12	13	21.06	21.21	21.15	22.00
5	64QAM	25	0	21.19	21.33	21.35	22.00
5	256QAM	1	0	19.86	20.02	20.03	20.50
5	256QAM	1	12	19.66	19.85	19.81	20.50
5	256QAM	1	24	19.58	19.75	19.62	20.50
5	256QAM	12	0	19.66	19.86	19.68	20.50
5	256QAM	12	7	19.37	19.56	19.53	20.50
5	256QAM	12	13	19.66	19.89	19.82	20.50
5	256QAM	25	0	19.73	19.86	19.69	20.50

【LTE Band 38_Ant 6_DSI 5】

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	21.43	21.53	21.52	22.00
20	QPSK	1	49	21.36	21.51	21.48	22.00
20	QPSK	1	99	21.20	21.38	21.26	22.00
20	QPSK	50	0	21.34	21.46	21.38	22.00
20	QPSK	50	24	21.03	21.28	21.12	22.00
20	QPSK	50	50	21.25	21.44	21.37	22.00
20	QPSK	100	0	21.22	21.40	21.37	22.00
20	16QAM	1	0	21.00	21.21	21.17	22.00
20	16QAM	1	49	21.16	21.30	21.28	22.00
20	16QAM	1	99	21.28	21.43	21.37	22.00
20	16QAM	50	0	21.28	21.49	21.34	22.00
20	16QAM	50	24	20.97	21.18	21.13	22.00
20	16QAM	50	50	21.37	21.55	21.52	22.00

20	16QAM	100	0	21.28	21.40	21.37	22.00
20	64QAM	1	0	21.19	21.36	21.22	22.00
20	64QAM	1	49	21.01	21.21	21.10	22.00
20	64QAM	1	99	21.29	21.41	21.33	22.00
20	64QAM	50	0	21.14	21.34	21.30	22.00
20	64QAM	50	24	21.17	21.33	21.17	22.00
20	64QAM	50	50	21.20	21.32	21.18	22.00
20	64QAM	100	0	21.22	21.40	21.38	22.00
20	256QAM	1	0	19.91	20.14	20.04	20.50
20	256QAM	1	49	19.70	19.89	19.82	20.50
20	256QAM	1	99	19.65	19.78	19.68	20.50
20	256QAM	50	0	19.78	19.89	19.82	20.50
20	256QAM	50	24	19.51	19.69	19.62	20.50
20	256QAM	50	50	19.73	19.92	19.87	20.50
20	256QAM	100	0	19.80	19.95	19.83	20.50
Channel				37825	38000	38175	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	QPSK	1	0	21.40	21.41	21.46	22.00
15	QPSK	1	37	21.33	21.49	21.46	22.00
15	QPSK	1	74	21.13	21.31	21.12	22.00
15	QPSK	36	0	21.24	21.36	21.26	22.00
15	QPSK	36	20	21.01	21.25	21.04	22.00
15	QPSK	36	39	21.15	21.39	21.30	22.00
15	QPSK	75	0	21.08	21.36	21.23	22.00
15	16QAM	1	0	20.89	21.07	21.09	22.00
15	16QAM	1	37	21.06	21.24	21.21	22.00
15	16QAM	1	74	21.20	21.39	21.23	22.00
15	16QAM	36	0	21.22	21.44	21.30	22.00
15	16QAM	36	20	20.86	21.09	21.08	22.00
15	16QAM	36	39	21.25	21.48	21.46	22.00
15	16QAM	75	0	21.22	21.26	21.32	22.00
15	64QAM	1	0	21.16	21.29	21.07	22.00
15	64QAM	1	37	20.96	21.20	20.97	22.00
15	64QAM	1	74	21.22	21.34	21.26	22.00
15	64QAM	36	0	21.10	21.33	21.21	22.00
15	64QAM	36	20	21.15	21.21	21.06	22.00
15	64QAM	36	39	21.07	21.28	21.03	22.00
15	64QAM	75	0	21.16	21.29	21.36	22.00
15	256QAM	1	0	19.86	20.10	20.02	20.50
15	256QAM	1	37	19.55	19.80	19.74	20.50
15	256QAM	1	74	19.54	19.63	19.62	20.50
15	256QAM	36	0	19.65	19.77	19.69	20.50
15	256QAM	36	20	19.37	19.62	19.56	20.50
15	256QAM	36	39	19.64	19.79	19.78	20.50
15	256QAM	75	0	19.65	19.91	19.73	20.50
Channel				37800	38000	38200	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	QPSK	1	0	21.38	21.44	21.41	22.00
10	QPSK	1	25	21.30	21.45	21.40	22.00
10	QPSK	1	49	21.13	21.37	21.19	22.00
10	QPSK	25	0	21.23	21.44	21.28	22.00
10	QPSK	25	12	20.90	21.25	20.99	22.00
10	QPSK	25	25	21.15	21.32	21.30	22.00
10	QPSK	50	0	21.07	21.38	21.26	22.00
10	16QAM	1	0	20.95	21.10	21.03	22.00
10	16QAM	1	25	21.09	21.28	21.25	22.00
10	16QAM	1	49	21.22	21.36	21.25	22.00
10	16QAM	25	0	21.16	21.47	21.22	22.00
10	16QAM	25	12	20.84	21.08	21.07	22.00
10	16QAM	25	25	21.24	21.41	21.45	22.00
10	16QAM	50	0	21.13	21.38	21.34	22.00
10	64QAM	1	0	21.07	21.28	21.08	22.00
10	64QAM	1	25	20.98	21.20	20.95	22.00
10	64QAM	1	49	21.23	21.37	21.25	22.00
10	64QAM	25	0	21.01	21.23	21.25	22.00
10	64QAM	25	12	21.10	21.31	21.13	22.00
10	64QAM	25	25	21.11	21.28	21.11	22.00
10	64QAM	50	0	21.09	21.25	21.35	22.00
10	256QAM	1	0	19.77	20.12	20.02	20.50
10	256QAM	1	25	19.56	19.79	19.69	20.50
10	256QAM	1	49	19.63	19.68	19.66	20.50
10	256QAM	25	0	19.71	19.78	19.78	20.50
10	256QAM	25	12	19.44	19.60	19.56	20.50
10	256QAM	25	25	19.59	19.78	19.83	20.50

10	256QAM	50	0	19.68	19.90	19.68	20.50
Channel				37775	38000	38225	Tune-up limit
Frequency (MHz)				2572.5	2595	2617.5	(dBm)
5	QPSK	1	0	21.40	21.46	21.47	22.00
5	QPSK	1	12	21.23	21.46	21.47	22.00
5	QPSK	1	24	21.09	21.28	21.16	22.00
5	QPSK	12	0	21.31	21.41	21.34	22.00
5	QPSK	12	7	20.88	21.27	21.08	22.00
5	QPSK	12	13	21.24	21.32	21.33	22.00
5	QPSK	25	0	21.09	21.26	21.33	22.00
5	16QAM	1	0	20.88	21.09	21.07	22.00
5	16QAM	1	12	21.07	21.28	21.16	22.00
5	16QAM	1	24	21.15	21.34	21.34	22.00
5	16QAM	12	0	21.16	21.44	21.23	22.00
5	16QAM	12	7	20.94	21.12	21.00	22.00
5	16QAM	12	13	21.24	21.51	21.45	22.00
5	16QAM	25	0	21.20	21.28	21.22	22.00
5	64QAM	1	0	21.12	21.31	21.21	22.00
5	64QAM	1	12	20.94	21.13	21.03	22.00
5	64QAM	1	24	21.25	21.30	21.22	22.00
5	64QAM	12	0	21.11	21.30	21.20	22.00
5	64QAM	12	7	21.11	21.23	21.14	22.00
5	64QAM	12	13	21.06	21.21	21.15	22.00
5	64QAM	25	0	21.19	21.33	21.35	22.00
5	256QAM	1	0	19.86	20.02	20.03	20.50
5	256QAM	1	12	19.66	19.85	19.81	20.50
5	256QAM	1	24	19.58	19.75	19.62	20.50
5	256QAM	12	0	19.66	19.86	19.68	20.50
5	256QAM	12	7	19.37	19.56	19.53	20.50
5	256QAM	12	13	19.66	19.89	19.82	20.50
5	256QAM	25	0	19.73	19.86	19.69	20.50

【LTE Band 38_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				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	24.48	24.50	24.47	25.50
20	QPSK	1	49	24.35	24.45	24.34	25.50
20	QPSK	1	99	24.23	24.31	24.15	25.50
20	QPSK	50	0	23.40	23.54	23.42	24.50
20	QPSK	50	24	23.43	23.51	23.37	24.50
20	QPSK	50	50	23.40	23.44	23.36	24.50
20	QPSK	100	0	23.27	23.42	23.32	24.50
20	16QAM	1	0	23.43	23.54	23.39	24.50
20	16QAM	1	49	23.42	23.51	23.34	24.50
20	16QAM	1	99	23.32	23.46	23.33	24.50
20	16QAM	50	0	22.43	22.54	22.46	23.50
20	16QAM	50	24	22.47	22.57	22.49	23.50
20	16QAM	50	50	22.40	22.53	22.47	23.50
20	16QAM	100	0	22.29	22.39	22.26	23.50
20	64QAM	1	0	22.32	22.42	22.26	23.50
20	64QAM	1	49	22.37	22.53	22.43	23.50
20	64QAM	1	99	22.40	22.49	22.36	23.50
20	64QAM	50	0	21.34	21.45	21.39	22.50
20	64QAM	50	24	21.37	21.48	21.40	22.50
20	64QAM	50	50	21.22	21.25	21.12	22.50
20	64QAM	100	0	21.44	21.56	21.50	22.50
20	256QAM	1	0	19.26	19.36	19.19	20.50
20	256QAM	1	49	19.49	19.61	19.45	20.50
20	256QAM	1	99	19.56	19.63	19.46	20.50
20	256QAM	50	0	19.59	19.68	19.58	20.50
20	256QAM	50	24	19.36	19.43	19.32	20.50
20	256QAM	50	50	19.22	19.34	19.17	20.50
20	256QAM	100	0	19.42	19.52	19.46	20.50
Channel				37825	38000	38175	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	QPSK	1	0	24.40	24.39	24.32	25.50
15	QPSK	1	37	24.29	24.32	24.22	25.50

15	QPSK	1	74	24.22	24.23	24.01	25.50
15	QPSK	36	0	23.25	23.48	23.38	24.50
15	QPSK	36	20	23.37	23.37	23.25	24.50
15	QPSK	36	39	23.29	23.43	23.25	24.50
15	QPSK	75	0	23.18	23.33	23.28	24.50
15	16QAM	1	0	23.36	23.51	23.38	24.50
15	16QAM	1	37	23.31	23.37	23.24	24.50
15	16QAM	1	74	23.19	23.40	23.22	24.50
15	16QAM	36	0	22.40	22.51	22.42	23.50
15	16QAM	36	20	22.34	22.52	22.42	23.50
15	16QAM	36	39	22.31	22.40	22.34	23.50
15	16QAM	75	0	22.22	22.37	22.12	23.50
15	64QAM	1	0	22.27	22.34	22.16	23.50
15	64QAM	1	37	22.25	22.45	22.30	23.50
15	64QAM	1	74	22.35	22.42	22.34	23.50
15	64QAM	36	0	21.29	21.34	21.32	22.50
15	64QAM	36	20	21.25	21.40	21.34	22.50
15	64QAM	36	39	21.17	21.12	21.01	22.50
15	64QAM	75	0	21.40	21.49	21.38	22.50
15	256QAM	1	0	19.11	19.26	19.07	20.50
15	256QAM	1	37	19.37	19.55	19.36	20.50
15	256QAM	1	74	19.44	19.51	19.33	20.50
15	256QAM	36	0	19.51	19.63	19.55	20.50
15	256QAM	36	20	19.30	19.30	19.26	20.50
15	256QAM	36	39	19.18	19.28	19.13	20.50
15	256QAM	75	0	19.36	19.48	19.39	20.50
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	24.38	24.38	24.34	25.50
10	QPSK	1	25	24.33	24.37	24.31	25.50
10	QPSK	1	49	24.14	24.17	24.08	25.50
10	QPSK	25	0	23.34	23.42	23.30	24.50
10	QPSK	25	12	23.39	23.46	23.23	24.50
10	QPSK	25	25	23.35	23.42	23.34	24.50
10	QPSK	50	0	23.25	23.37	23.31	24.50
10	16QAM	1	0	23.41	23.42	23.35	24.50
10	16QAM	1	25	23.33	23.36	23.24	24.50
10	16QAM	1	49	23.19	23.45	23.30	24.50
10	16QAM	25	0	22.29	22.46	22.43	23.50
10	16QAM	25	12	22.40	22.46	22.35	23.50
10	16QAM	25	25	22.27	22.41	22.45	23.50
10	16QAM	50	0	22.18	22.30	22.18	23.50
10	64QAM	1	0	22.29	22.28	22.23	23.50
10	64QAM	1	25	22.34	22.40	22.38	23.50
10	64QAM	1	49	22.29	22.43	22.21	23.50
10	64QAM	25	0	21.30	21.31	21.33	22.50
10	64QAM	25	12	21.22	21.39	21.27	22.50
10	64QAM	25	25	21.08	21.23	21.04	22.50
10	64QAM	50	0	21.42	21.53	21.48	22.50
10	256QAM	1	0	19.25	19.23	19.10	20.50
10	256QAM	1	25	19.39	19.47	19.38	20.50
10	256QAM	1	49	19.46	19.61	19.34	20.50
10	256QAM	25	0	19.44	19.61	19.44	20.50
10	256QAM	25	12	19.22	19.38	19.19	20.50
10	256QAM	25	25	19.09	19.21	19.06	20.50
10	256QAM	50	0	19.28	19.44	19.35	20.50
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	24.39	24.43	24.40	25.50
5	QPSK	1	12	24.28	24.35	24.19	25.50
5	QPSK	1	24	24.11	24.27	24.07	25.50
5	QPSK	12	0	23.37	23.45	23.38	24.50
5	QPSK	12	7	23.36	23.48	23.26	24.50
5	QPSK	12	13	23.27	23.38	23.31	24.50
5	QPSK	25	0	23.15	23.39	23.22	24.50
5	16QAM	1	0	23.41	23.47	23.32	24.50
5	16QAM	1	12	23.29	23.42	23.25	24.50
5	16QAM	1	24	23.30	23.37	23.30	24.50
5	16QAM	12	0	22.33	22.47	22.35	23.50
5	16QAM	12	7	22.40	22.47	22.44	23.50
5	16QAM	12	13	22.29	22.41	22.35	23.50
5	16QAM	25	0	22.25	22.32	22.18	23.50
5	64QAM	1	0	22.24	22.31	22.17	23.50
5	64QAM	1	12	22.36	22.52	22.28	23.50

5	64QAM	1	24	22.32	22.48	22.33	23.50
5	64QAM	12	0	21.28	21.38	21.37	22.50
5	64QAM	12	7	21.34	21.36	21.31	22.50
5	64QAM	12	13	21.11	21.20	20.99	22.50
5	64QAM	25	0	21.41	21.48	21.40	22.50
5	256QAM	1	0	19.17	19.21	19.04	20.50
5	256QAM	1	12	19.45	19.51	19.44	20.50
5	256QAM	1	24	19.44	19.53	19.43	20.50
5	256QAM	12	0	19.55	19.62	19.49	20.50
5	256QAM	12	7	19.21	19.40	19.17	20.50
5	256QAM	12	13	19.13	19.24	19.07	20.50
5	256QAM	25	0	19.31	19.39	19.37	20.50

【LTE Band 38_Ant 7_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	18.36	18.49	18.41	19.50
20	QPSK	1	49	18.25	18.44	18.25	19.50
20	QPSK	1	99	18.15	18.35	18.13	19.50
20	QPSK	50	0	18.19	18.46	18.24	19.50
20	QPSK	50	24	18.23	18.45	18.26	19.50
20	QPSK	50	50	18.30	18.44	18.22	19.50
20	QPSK	100	0	18.25	18.45	18.27	19.50
20	16QAM	1	0	18.10	18.38	18.17	19.50
20	16QAM	1	49	18.27	18.41	18.18	19.50
20	16QAM	1	99	18.17	18.42	18.22	19.50
20	16QAM	50	0	18.18	18.42	18.24	19.50
20	16QAM	50	24	18.40	18.57	18.47	19.50
20	16QAM	50	50	18.24	18.46	18.28	19.50
20	16QAM	100	0	18.31	18.50	18.30	19.50
20	64QAM	1	0	18.16	18.41	18.18	19.50
20	64QAM	1	49	18.25	18.46	18.34	19.50
20	64QAM	1	99	18.26	18.53	18.38	19.50
20	64QAM	50	0	18.15	18.35	18.16	19.50
20	64QAM	50	24	18.20	18.40	18.28	19.50
20	64QAM	50	50	18.32	18.55	18.32	19.50
20	64QAM	100	0	18.15	18.42	18.28	19.50
20	256QAM	1	0	18.20	18.41	18.23	19.50
20	256QAM	1	49	18.11	18.35	18.14	19.50
20	256QAM	1	99	18.32	18.53	18.30	19.50
20	256QAM	50	0	18.23	18.46	18.31	19.50
20	256QAM	50	24	18.16	18.42	18.20	19.50
20	256QAM	50	50	18.14	18.34	18.12	19.50
20	256QAM	100	0	18.18	18.35	18.24	19.50
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	18.25	18.44	18.29	19.50
15	QPSK	1	37	18.11	18.39	18.12	19.50
15	QPSK	1	74	18.03	18.31	18.12	19.50
15	QPSK	36	0	18.16	18.35	18.21	19.50
15	QPSK	36	20	18.19	18.39	18.21	19.50
15	QPSK	36	39	18.25	18.42	18.14	19.50
15	QPSK	75	0	18.14	18.38	18.24	19.50
15	16QAM	1	0	18.03	18.27	18.10	19.50
15	16QAM	1	37	18.26	18.39	18.06	19.50
15	16QAM	1	74	18.13	18.31	18.10	19.50
15	16QAM	36	0	18.16	18.34	18.18	19.50
15	16QAM	36	20	18.35	18.47	18.44	19.50
15	16QAM	36	39	18.10	18.36	18.20	19.50
15	16QAM	75	0	18.22	18.37	18.25	19.50
15	64QAM	1	0	18.05	18.31	18.07	19.50
15	64QAM	1	37	18.21	18.36	18.25	19.50
15	64QAM	1	74	18.23	18.43	18.32	19.50
15	64QAM	36	0	18.03	18.27	18.11	19.50
15	64QAM	36	20	18.17	18.33	18.19	19.50
15	64QAM	36	39	18.27	18.46	18.26	19.50
15	64QAM	75	0	18.06	18.33	18.15	19.50

15	256QAM	1	0	18.06	18.34	18.17	19.50
15	256QAM	1	37	18.08	18.24	18.03	19.50
15	256QAM	1	74	18.30	18.42	18.22	19.50
15	256QAM	36	0	18.19	18.42	18.18	19.50
15	256QAM	36	20	18.05	18.40	18.08	19.50
15	256QAM	36	39	18.13	18.28	18.09	19.50
15	256QAM	75	0	18.04	18.22	18.14	19.50
Channel				37800	38000	38200	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	QPSK	1	0	18.26	18.41	18.29	19.50
10	QPSK	1	25	18.11	18.34	18.16	19.50
10	QPSK	1	49	18.07	18.31	17.99	19.50
10	QPSK	25	0	18.05	18.37	18.18	19.50
10	QPSK	25	12	18.18	18.30	18.14	19.50
10	QPSK	25	25	18.21	18.33	18.16	19.50
10	QPSK	50	0	18.16	18.41	18.18	19.50
10	16QAM	1	0	17.99	18.32	18.14	19.50
10	16QAM	1	25	18.18	18.26	18.07	19.50
10	16QAM	1	49	18.04	18.40	18.08	19.50
10	16QAM	25	0	18.16	18.33	18.20	19.50
10	16QAM	25	12	18.29	18.45	18.34	19.50
10	16QAM	25	25	18.11	18.35	18.26	19.50
10	16QAM	50	0	18.20	18.45	18.22	19.50
10	64QAM	1	0	18.14	18.29	18.11	19.50
10	64QAM	1	25	18.22	18.42	18.27	19.50
10	64QAM	1	49	18.15	18.39	18.34	19.50
10	64QAM	25	0	18.09	18.26	18.10	19.50
10	64QAM	25	12	18.06	18.36	18.19	19.50
10	64QAM	25	25	18.17	18.48	18.30	19.50
10	64QAM	50	0	18.13	18.29	18.22	19.50
10	256QAM	1	0	18.14	18.37	18.15	19.50
10	256QAM	1	25	17.98	18.21	18.05	19.50
10	256QAM	1	49	18.24	18.42	18.18	19.50
10	256QAM	25	0	18.14	18.34	18.21	19.50
10	256QAM	25	12	18.11	18.33	18.10	19.50
10	256QAM	25	25	18.08	18.29	18.05	19.50
10	256QAM	50	0	18.16	18.20	18.22	19.50
Channel				37775	38000	38225	Tune-up limit
Frequency (MHz)				2572.5	2595	2617.5	(dBm)
5	QPSK	1	0	18.21	18.38	18.29	19.50
5	QPSK	1	12	18.21	18.32	18.22	19.50
5	QPSK	1	24	18.09	18.33	18.11	19.50
5	QPSK	12	0	18.12	18.37	18.19	19.50
5	QPSK	12	7	18.13	18.31	18.18	19.50
5	QPSK	12	13	18.18	18.41	18.20	19.50
5	QPSK	25	0	18.13	18.39	18.14	19.50
5	16QAM	1	0	17.99	18.24	18.14	19.50
5	16QAM	1	12	18.16	18.37	18.09	19.50
5	16QAM	1	24	18.05	18.27	18.11	19.50
5	16QAM	12	0	18.17	18.31	18.22	19.50
5	16QAM	12	7	18.29	18.46	18.37	19.50
5	16QAM	12	13	18.18	18.33	18.22	19.50
5	16QAM	25	0	18.20	18.35	18.27	19.50
5	64QAM	1	0	18.11	18.32	18.10	19.50
5	64QAM	1	12	18.13	18.35	18.31	19.50
5	64QAM	1	24	18.16	18.48	18.30	19.50
5	64QAM	12	0	18.01	18.30	18.15	19.50
5	64QAM	12	7	18.16	18.36	18.15	19.50
5	64QAM	12	13	18.18	18.44	18.27	19.50
5	64QAM	25	0	18.05	18.33	18.24	19.50
5	256QAM	1	0	18.13	18.39	18.18	19.50
5	256QAM	1	12	17.97	18.21	18.10	19.50
5	256QAM	1	24	18.26	18.42	18.25	19.50
5	256QAM	12	0	18.10	18.38	18.22	19.50
5	256QAM	12	7	18.11	18.35	18.09	19.50
5	256QAM	12	13	18.11	18.30	18.08	19.50
5	256QAM	25	0	18.11	18.23	18.10	19.50

【LTE Band 38_Ant 7_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	21.01	21.06	21.03	22.00
20	QPSK	1	49	20.81	20.99	20.89	22.00
20	QPSK	1	99	20.83	20.91	20.84	22.00
20	QPSK	50	0	20.88	21.03	20.95	22.00
20	QPSK	50	24	20.78	20.95	20.85	22.00
20	QPSK	50	50	20.77	20.97	20.91	22.00
20	QPSK	100	0	20.88	21.01	20.96	22.00
20	16QAM	1	0	20.92	21.00	20.83	22.00
20	16QAM	1	49	20.83	20.94	20.85	22.00
20	16QAM	1	99	20.72	20.90	20.73	22.00
20	16QAM	50	0	20.85	20.97	20.83	22.00
20	16QAM	50	24	20.95	21.02	20.94	22.00
20	16QAM	50	50	20.94	21.07	20.98	22.00
20	16QAM	100	0	20.94	21.00	20.92	22.00
20	64QAM	1	0	20.76	20.95	20.80	22.00
20	64QAM	1	49	20.91	20.99	20.89	22.00
20	64QAM	1	99	20.86	21.05	20.98	22.00
20	64QAM	50	0	20.82	20.98	20.93	22.00
20	64QAM	50	24	20.76	20.91	20.84	22.00
20	64QAM	50	50	20.91	21.04	20.87	22.00
20	64QAM	100	0	20.85	20.98	20.90	22.00
20	256QAM	1	0	19.51	19.66	19.59	20.50
20	256QAM	1	49	19.50	19.62	19.52	20.50
20	256QAM	1	99	19.49	19.61	19.55	20.50
20	256QAM	50	0	19.58	19.65	19.59	20.50
20	256QAM	50	24	19.58	19.67	19.63	20.50
20	256QAM	50	50	19.46	19.56	19.46	20.50
20	256QAM	100	0	19.43	19.57	19.41	20.50
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	20.87	21.03	20.93	22.00
15	QPSK	1	37	20.74	20.97	20.75	22.00
15	QPSK	1	74	20.71	20.77	20.69	22.00
15	QPSK	36	0	20.82	20.94	20.85	22.00
15	QPSK	36	20	20.71	20.82	20.76	22.00
15	QPSK	36	39	20.65	20.89	20.89	22.00
15	QPSK	75	0	20.79	20.97	20.83	22.00
15	16QAM	1	0	20.79	20.94	20.79	22.00
15	16QAM	1	37	20.73	20.86	20.73	22.00
15	16QAM	1	74	20.64	20.80	20.65	22.00
15	16QAM	36	0	20.74	20.85	20.71	22.00
15	16QAM	36	20	20.94	20.92	20.82	22.00
15	16QAM	36	39	20.81	21.02	20.90	22.00
15	16QAM	75	0	20.83	20.89	20.89	22.00
15	64QAM	1	0	20.68	20.82	20.71	22.00
15	64QAM	1	37	20.83	20.94	20.80	22.00
15	64QAM	1	74	20.85	20.93	20.90	22.00
15	64QAM	36	0	20.80	20.92	20.90	22.00
15	64QAM	36	20	20.72	20.78	20.79	22.00
15	64QAM	36	39	20.87	21.02	20.73	22.00
15	64QAM	75	0	20.72	20.89	20.77	22.00
15	256QAM	1	0	19.47	19.54	19.45	20.50
15	256QAM	1	37	19.40	19.59	19.44	20.50
15	256QAM	1	74	19.36	19.56	19.48	20.50
15	256QAM	36	0	19.52	19.62	19.49	20.50
15	256QAM	36	20	19.44	19.55	19.54	20.50
15	256QAM	36	39	19.31	19.53	19.33	20.50
15	256QAM	75	0	19.41	19.47	19.38	20.50
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	20.99	21.00	20.94	22.00
10	QPSK	1	25	20.69	20.97	20.78	22.00
10	QPSK	1	49	20.73	20.87	20.70	22.00
10	QPSK	25	0	20.85	20.90	20.83	22.00
10	QPSK	25	12	20.76	20.91	20.70	22.00
10	QPSK	25	25	20.67	20.94	20.76	22.00

10	QPSK	50	0	20.81	20.90	20.90	22.00
10	16QAM	1	0	20.87	20.86	20.77	22.00
10	16QAM	1	25	20.74	20.88	20.80	22.00
10	16QAM	1	49	20.59	20.85	20.66	22.00
10	16QAM	25	0	20.72	20.84	20.76	22.00
10	16QAM	25	12	20.83	20.97	20.82	22.00
10	16QAM	25	25	20.88	20.96	20.88	22.00
10	16QAM	50	0	20.85	20.88	20.82	22.00
10	64QAM	1	0	20.72	20.80	20.71	22.00
10	64QAM	1	25	20.89	20.92	20.78	22.00
10	64QAM	1	49	20.81	21.00	20.95	22.00
10	64QAM	25	0	20.79	20.93	20.82	22.00
10	64QAM	25	12	20.65	20.85	20.72	22.00
10	64QAM	25	25	20.77	21.01	20.76	22.00
10	64QAM	50	0	20.80	20.94	20.77	22.00
10	256QAM	1	0	19.42	19.63	19.55	20.50
10	256QAM	1	25	19.45	19.50	19.46	20.50
10	256QAM	1	49	19.48	19.57	19.42	20.50
10	256QAM	25	0	19.49	19.51	19.56	20.50
10	256QAM	25	12	19.56	19.60	19.61	20.50
10	256QAM	25	25	19.38	19.55	19.42	20.50
10	256QAM	50	0	19.31	19.45	19.30	20.50
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	20.89	20.95	21.00	22.00
5	QPSK	1	12	20.70	20.92	20.79	22.00
5	QPSK	1	24	20.76	20.87	20.73	22.00
5	QPSK	12	0	20.87	20.91	20.85	22.00
5	QPSK	12	7	20.66	20.80	20.76	22.00
5	QPSK	12	13	20.75	20.82	20.85	22.00
5	QPSK	25	0	20.87	20.98	20.91	22.00
5	16QAM	1	0	20.85	20.87	20.81	22.00
5	16QAM	1	12	20.80	20.80	20.76	22.00
5	16QAM	1	24	20.59	20.85	20.61	22.00
5	16QAM	12	0	20.77	20.84	20.79	22.00
5	16QAM	12	7	20.92	20.90	20.89	22.00
5	16QAM	12	13	20.81	20.99	20.83	22.00
5	16QAM	25	0	20.85	20.97	20.90	22.00
5	64QAM	1	0	20.72	20.81	20.74	22.00
5	64QAM	1	12	20.86	20.89	20.85	22.00
5	64QAM	1	24	20.80	20.93	20.91	22.00
5	64QAM	12	0	20.77	20.86	20.83	22.00
5	64QAM	12	7	20.74	20.83	20.79	22.00
5	64QAM	12	13	20.86	20.95	20.73	22.00
5	64QAM	25	0	20.79	20.89	20.89	22.00
5	256QAM	1	0	19.49	19.52	19.56	20.50
5	256QAM	1	12	19.37	19.55	19.44	20.50
5	256QAM	1	24	19.46	19.56	19.43	20.50
5	256QAM	12	0	19.44	19.64	19.56	20.50
5	256QAM	12	7	19.49	19.61	19.59	20.50
5	256QAM	12	13	19.36	19.47	19.45	20.50
5	256QAM	25	0	19.38	19.47	19.30	20.50

【LTE Band 38_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				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	21.01	21.06	21.03	22.00
20	QPSK	1	49	20.81	20.99	20.89	22.00
20	QPSK	1	99	20.83	20.91	20.84	22.00
20	QPSK	50	0	20.88	21.03	20.95	22.00
20	QPSK	50	24	20.78	20.95	20.85	22.00
20	QPSK	50	50	20.77	20.97	20.91	22.00
20	QPSK	100	0	20.88	21.01	20.96	22.00
20	16QAM	1	0	20.92	21.00	20.83	22.00
20	16QAM	1	49	20.83	20.94	20.85	22.00
20	16QAM	1	99	20.72	20.90	20.73	22.00
20	16QAM	50	0	20.85	20.97	20.83	22.00

20	16QAM	50	24	20.95	21.02	20.94	22.00
20	16QAM	50	50	20.94	21.07	20.98	22.00
20	16QAM	100	0	20.94	21.00	20.92	22.00
20	64QAM	1	0	20.76	20.95	20.80	22.00
20	64QAM	1	49	20.91	20.99	20.89	22.00
20	64QAM	1	99	20.86	21.05	20.98	22.00
20	64QAM	50	0	20.82	20.98	20.93	22.00
20	64QAM	50	24	20.76	20.91	20.84	22.00
20	64QAM	50	50	20.91	21.04	20.87	22.00
20	64QAM	100	0	20.85	20.98	20.90	22.00
20	256QAM	1	0	19.51	19.66	19.59	20.50
20	256QAM	1	49	19.50	19.62	19.52	20.50
20	256QAM	1	99	19.49	19.61	19.55	20.50
20	256QAM	50	0	19.58	19.65	19.59	20.50
20	256QAM	50	24	19.58	19.67	19.63	20.50
20	256QAM	50	50	19.46	19.56	19.46	20.50
20	256QAM	100	0	19.43	19.57	19.41	20.50
Channel				37825	38000	38175	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	QPSK	1	0	20.87	21.03	20.93	22.00
15	QPSK	1	37	20.74	20.97	20.75	22.00
15	QPSK	1	74	20.71	20.77	20.69	22.00
15	QPSK	36	0	20.82	20.94	20.85	22.00
15	QPSK	36	20	20.71	20.82	20.76	22.00
15	QPSK	36	39	20.65	20.89	20.89	22.00
15	QPSK	75	0	20.79	20.97	20.83	22.00
15	16QAM	1	0	20.79	20.94	20.79	22.00
15	16QAM	1	37	20.73	20.86	20.73	22.00
15	16QAM	1	74	20.64	20.80	20.65	22.00
15	16QAM	36	0	20.74	20.85	20.71	22.00
15	16QAM	36	20	20.94	20.92	20.82	22.00
15	16QAM	36	39	20.81	21.02	20.90	22.00
15	16QAM	75	0	20.83	20.89	20.89	22.00
15	64QAM	1	0	20.68	20.82	20.71	22.00
15	64QAM	1	37	20.83	20.94	20.80	22.00
15	64QAM	1	74	20.85	20.93	20.90	22.00
15	64QAM	36	0	20.80	20.92	20.90	22.00
15	64QAM	36	20	20.72	20.78	20.79	22.00
15	64QAM	36	39	20.87	21.02	20.73	22.00
15	64QAM	75	0	20.72	20.89	20.77	22.00
15	256QAM	1	0	19.47	19.54	19.45	20.50
15	256QAM	1	37	19.40	19.59	19.44	20.50
15	256QAM	1	74	19.36	19.56	19.48	20.50
15	256QAM	36	0	19.52	19.62	19.49	20.50
15	256QAM	36	20	19.44	19.55	19.54	20.50
15	256QAM	36	39	19.31	19.53	19.33	20.50
15	256QAM	75	0	19.41	19.47	19.38	20.50
Channel				37800	38000	38200	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	QPSK	1	0	20.99	21.00	20.94	22.00
10	QPSK	1	25	20.69	20.97	20.78	22.00
10	QPSK	1	49	20.73	20.87	20.70	22.00
10	QPSK	25	0	20.85	20.90	20.83	22.00
10	QPSK	25	12	20.76	20.91	20.70	22.00
10	QPSK	25	25	20.67	20.94	20.76	22.00
10	QPSK	50	0	20.81	20.90	20.90	22.00
10	16QAM	1	0	20.87	20.86	20.77	22.00
10	16QAM	1	25	20.74	20.88	20.80	22.00
10	16QAM	1	49	20.59	20.85	20.66	22.00
10	16QAM	25	0	20.72	20.84	20.76	22.00
10	16QAM	25	12	20.83	20.97	20.82	22.00
10	16QAM	25	25	20.88	20.96	20.88	22.00
10	16QAM	50	0	20.85	20.88	20.82	22.00
10	64QAM	1	0	20.72	20.80	20.71	22.00
10	64QAM	1	25	20.89	20.92	20.78	22.00
10	64QAM	1	49	20.81	21.00	20.95	22.00
10	64QAM	25	0	20.79	20.93	20.82	22.00
10	64QAM	25	12	20.65	20.85	20.72	22.00
10	64QAM	25	25	20.77	21.01	20.76	22.00
10	64QAM	50	0	20.80	20.94	20.77	22.00
10	256QAM	1	0	19.42	19.63	19.55	20.50
10	256QAM	1	25	19.45	19.50	19.46	20.50
10	256QAM	1	49	19.48	19.57	19.42	20.50
10	256QAM	25	0	19.49	19.51	19.56	20.50

10	256QAM	25	12	19.56	19.60	19.61	20.50
10	256QAM	25	25	19.38	19.55	19.42	20.50
10	256QAM	50	0	19.31	19.45	19.30	20.50
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	20.89	20.95	21.00	22.00
5	QPSK	1	12	20.70	20.92	20.79	22.00
5	QPSK	1	24	20.76	20.87	20.73	22.00
5	QPSK	12	0	20.87	20.91	20.85	22.00
5	QPSK	12	7	20.66	20.80	20.76	22.00
5	QPSK	12	13	20.75	20.82	20.85	22.00
5	QPSK	25	0	20.87	20.98	20.91	22.00
5	16QAM	1	0	20.85	20.87	20.81	22.00
5	16QAM	1	12	20.80	20.80	20.76	22.00
5	16QAM	1	24	20.59	20.85	20.61	22.00
5	16QAM	12	0	20.77	20.84	20.79	22.00
5	16QAM	12	7	20.92	20.90	20.89	22.00
5	16QAM	12	13	20.81	20.99	20.83	22.00
5	16QAM	25	0	20.85	20.97	20.90	22.00
5	64QAM	1	0	20.72	20.81	20.74	22.00
5	64QAM	1	12	20.86	20.89	20.85	22.00
5	64QAM	1	24	20.80	20.93	20.91	22.00
5	64QAM	12	0	20.77	20.86	20.83	22.00
5	64QAM	12	7	20.74	20.83	20.79	22.00
5	64QAM	12	13	20.86	20.95	20.73	22.00
5	64QAM	25	0	20.79	20.89	20.89	22.00
5	256QAM	1	0	19.49	19.52	19.56	20.50
5	256QAM	1	12	19.37	19.55	19.44	20.50
5	256QAM	1	24	19.46	19.56	19.43	20.50
5	256QAM	12	0	19.44	19.64	19.56	20.50
5	256QAM	12	7	19.49	19.61	19.59	20.50
5	256QAM	12	13	19.36	19.47	19.45	20.50
5	256QAM	25	0	19.38	19.47	19.30	20.50

【LTE Band 38_Ant 7_DSI 5】

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	18.36	18.49	18.41	19.50
20	QPSK	1	49	18.25	18.44	18.25	19.50
20	QPSK	1	99	18.15	18.35	18.13	19.50
20	QPSK	50	0	18.19	18.46	18.24	19.50
20	QPSK	50	24	18.23	18.45	18.26	19.50
20	QPSK	50	50	18.30	18.44	18.22	19.50
20	QPSK	100	0	18.25	18.45	18.27	19.50
20	16QAM	1	0	18.10	18.38	18.17	19.50
20	16QAM	1	49	18.27	18.41	18.18	19.50
20	16QAM	1	99	18.17	18.42	18.22	19.50
20	16QAM	50	0	18.18	18.42	18.24	19.50
20	16QAM	50	24	18.40	18.57	18.47	19.50
20	16QAM	50	50	18.24	18.46	18.28	19.50
20	16QAM	100	0	18.31	18.50	18.30	19.50
20	64QAM	1	0	18.16	18.41	18.18	19.50
20	64QAM	1	49	18.25	18.46	18.34	19.50
20	64QAM	1	99	18.26	18.53	18.38	19.50
20	64QAM	50	0	18.15	18.35	18.16	19.50
20	64QAM	50	24	18.20	18.40	18.28	19.50
20	64QAM	50	50	18.32	18.55	18.32	19.50
20	64QAM	100	0	18.15	18.42	18.28	19.50
20	256QAM	1	0	18.20	18.41	18.23	19.50
20	256QAM	1	49	18.11	18.35	18.14	19.50
20	256QAM	1	99	18.32	18.53	18.30	19.50
20	256QAM	50	0	18.23	18.46	18.31	19.50
20	256QAM	50	24	18.16	18.42	18.20	19.50
20	256QAM	50	50	18.14	18.34	18.12	19.50
20	256QAM	100	0	18.18	18.35	18.24	19.50
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	

15	QPSK	1	0	18.25	18.44	18.29	19.50
15	QPSK	1	37	18.11	18.39	18.12	19.50
15	QPSK	1	74	18.03	18.31	18.12	19.50
15	QPSK	36	0	18.16	18.35	18.21	19.50
15	QPSK	36	20	18.19	18.39	18.21	19.50
15	QPSK	36	39	18.25	18.42	18.14	19.50
15	QPSK	75	0	18.14	18.38	18.24	19.50
15	16QAM	1	0	18.03	18.27	18.10	19.50
15	16QAM	1	37	18.26	18.39	18.06	19.50
15	16QAM	1	74	18.13	18.31	18.10	19.50
15	16QAM	36	0	18.16	18.34	18.18	19.50
15	16QAM	36	20	18.35	18.47	18.44	19.50
15	16QAM	36	39	18.10	18.36	18.20	19.50
15	16QAM	75	0	18.22	18.37	18.25	19.50
15	64QAM	1	0	18.05	18.31	18.07	19.50
15	64QAM	1	37	18.21	18.36	18.25	19.50
15	64QAM	1	74	18.23	18.43	18.32	19.50
15	64QAM	36	0	18.03	18.27	18.11	19.50
15	64QAM	36	20	18.17	18.33	18.19	19.50
15	64QAM	36	39	18.27	18.46	18.26	19.50
15	64QAM	75	0	18.06	18.33	18.15	19.50
15	256QAM	1	0	18.06	18.34	18.17	19.50
15	256QAM	1	37	18.08	18.24	18.03	19.50
15	256QAM	1	74	18.30	18.42	18.22	19.50
15	256QAM	36	0	18.19	18.42	18.18	19.50
15	256QAM	36	20	18.05	18.40	18.08	19.50
15	256QAM	36	39	18.13	18.28	18.09	19.50
15	256QAM	75	0	18.04	18.22	18.14	19.50
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	18.26	18.41	18.29	19.50
10	QPSK	1	25	18.11	18.34	18.16	19.50
10	QPSK	1	49	18.07	18.31	17.99	19.50
10	QPSK	25	0	18.05	18.37	18.18	19.50
10	QPSK	25	12	18.18	18.30	18.14	19.50
10	QPSK	25	25	18.21	18.33	18.16	19.50
10	QPSK	50	0	18.16	18.41	18.18	19.50
10	16QAM	1	0	17.99	18.32	18.14	19.50
10	16QAM	1	25	18.18	18.26	18.07	19.50
10	16QAM	1	49	18.04	18.40	18.08	19.50
10	16QAM	25	0	18.16	18.33	18.20	19.50
10	16QAM	25	12	18.29	18.45	18.34	19.50
10	16QAM	25	25	18.11	18.35	18.26	19.50
10	16QAM	50	0	18.20	18.45	18.22	19.50
10	64QAM	1	0	18.14	18.29	18.11	19.50
10	64QAM	1	25	18.22	18.42	18.27	19.50
10	64QAM	1	49	18.15	18.39	18.34	19.50
10	64QAM	25	0	18.09	18.26	18.10	19.50
10	64QAM	25	12	18.06	18.36	18.19	19.50
10	64QAM	25	25	18.17	18.48	18.30	19.50
10	64QAM	50	0	18.13	18.29	18.22	19.50
10	256QAM	1	0	18.14	18.37	18.15	19.50
10	256QAM	1	25	17.98	18.21	18.05	19.50
10	256QAM	1	49	18.24	18.42	18.18	19.50
10	256QAM	25	0	18.14	18.34	18.21	19.50
10	256QAM	25	12	18.11	18.33	18.10	19.50
10	256QAM	25	25	18.08	18.29	18.05	19.50
10	256QAM	50	0	18.16	18.20	18.22	19.50
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	18.21	18.38	18.29	19.50
5	QPSK	1	12	18.21	18.32	18.22	19.50
5	QPSK	1	24	18.09	18.33	18.11	19.50
5	QPSK	12	0	18.12	18.37	18.19	19.50
5	QPSK	12	7	18.13	18.31	18.18	19.50
5	QPSK	12	13	18.18	18.41	18.20	19.50
5	QPSK	25	0	18.13	18.39	18.14	19.50
5	16QAM	1	0	17.99	18.24	18.14	19.50
5	16QAM	1	12	18.16	18.37	18.09	19.50
5	16QAM	1	24	18.05	18.27	18.11	19.50
5	16QAM	12	0	18.17	18.31	18.22	19.50
5	16QAM	12	7	18.29	18.46	18.37	19.50
5	16QAM	12	13	18.18	18.33	18.22	19.50
5	16QAM	25	0	18.20	18.35	18.27	19.50

5	64QAM	1	0	18.11	18.32	18.10	19.50
5	64QAM	1	12	18.13	18.35	18.31	19.50
5	64QAM	1	24	18.16	18.48	18.30	19.50
5	64QAM	12	0	18.01	18.30	18.15	19.50
5	64QAM	12	7	18.16	18.36	18.15	19.50
5	64QAM	12	13	18.18	18.44	18.27	19.50
5	64QAM	25	0	18.05	18.33	18.24	19.50
5	256QAM	1	0	18.13	18.39	18.18	19.50
5	256QAM	1	12	17.97	18.21	18.10	19.50
5	256QAM	1	24	18.26	18.42	18.25	19.50
5	256QAM	12	0	18.10	18.38	18.22	19.50
5	256QAM	12	7	18.11	18.35	18.09	19.50
5	256QAM	12	13	18.11	18.30	18.08	19.50
5	256QAM	25	0	18.11	18.23	18.10	19.50

【LTE Band 41_FCC (2496~2690MHz)_Ant
4_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	25.11	25.08	25.25	25.04	24.89	25.70
20	QPSK	1	49	24.94	24.82	25.09	24.80	24.62	25.70
20	QPSK	1	99	24.67	24.72	24.93	24.64	24.56	25.70
20	QPSK	50	0	23.87	23.83	24.09	23.79	23.62	24.70
20	QPSK	50	24	23.77	23.82	24.01	23.73	23.54	24.70
20	QPSK	50	50	23.81	23.74	23.99	23.73	23.50	24.70
20	QPSK	100	0	23.86	23.80	24.04	23.70	23.56	24.70
20	16QAM	1	0	23.90	23.88	24.12	23.84	23.63	24.70
20	16QAM	1	49	23.90	23.95	24.14	23.89	23.69	24.70
20	16QAM	1	99	23.83	23.79	24.07	23.74	23.66	24.70
20	16QAM	50	0	22.91	22.83	23.07	22.76	22.66	23.70
20	16QAM	50	24	22.80	22.76	22.96	22.75	22.55	23.70
20	16QAM	50	50	22.70	22.67	22.94	22.65	22.49	23.70
20	16QAM	100	0	22.79	22.82	23.06	22.84	22.69	23.70
20	64QAM	1	0	23.13	23.03	23.27	23.03	22.84	23.70
20	64QAM	1	49	23.12	23.14	23.31	23.08	22.90	23.70
20	64QAM	1	99	22.81	22.76	22.99	22.73	22.59	23.70
20	64QAM	50	0	21.74	21.78	21.98	21.73	21.59	22.70
20	64QAM	50	24	21.85	21.87	22.04	21.78	21.58	22.70
20	64QAM	50	50	21.88	21.92	22.15	21.88	21.79	22.70
20	64QAM	100	0	21.73	21.62	21.90	21.63	21.45	22.70
20	256QAM	1	0	19.99	20.07	20.25	20.03	19.93	20.70
20	256QAM	1	49	20.09	20.02	20.25	20.00	19.93	20.70
20	256QAM	1	99	19.90	19.87	20.09	19.80	19.69	20.70
20	256QAM	50	0	19.71	19.70	19.90	19.62	19.51	20.70
20	256QAM	50	24	19.92	19.93	20.11	19.86	19.72	20.70
20	256QAM	50	50	19.84	19.89	20.05	19.80	19.68	20.70
20	256QAM	100	0	19.94	19.90	20.15	19.92	19.73	20.70
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	25.06	24.93	25.18	24.99	24.83	25.70
15	QPSK	1	37	24.83	24.81	24.98	24.68	24.51	25.70
15	QPSK	1	74	24.59	24.62	24.87	24.52	24.41	25.70
15	QPSK	36	0	23.77	23.81	23.94	23.66	23.52	24.70
15	QPSK	36	20	23.64	23.80	23.95	23.61	23.53	24.70
15	QPSK	36	39	23.68	23.64	23.96	23.71	23.41	24.70
15	QPSK	75	0	23.83	23.78	23.97	23.64	23.47	24.70
15	16QAM	1	0	23.83	23.80	24.06	23.70	23.59	24.70
15	16QAM	1	37	23.84	23.85	24.01	23.85	23.66	24.70
15	16QAM	1	74	23.69	23.67	24.06	23.60	23.56	24.70
15	16QAM	36	0	22.88	22.69	22.99	22.61	22.57	23.70
15	16QAM	36	20	22.68	22.63	22.93	22.73	22.41	23.70
15	16QAM	36	39	22.66	22.61	22.86	22.59	22.46	23.70
15	16QAM	75	0	22.68	22.71	22.98	22.76	22.65	23.70
15	64QAM	1	0	23.03	22.97	23.13	22.95	22.79	23.70
15	64QAM	1	37	23.05	23.02	23.22	23.04	22.85	23.70
15	64QAM	1	74	22.78	22.68	22.87	22.71	22.51	23.70

15	64QAM	36	0	21.61	21.75	21.86	21.60	21.56	22.70
15	64QAM	36	20	21.76	21.78	21.91	21.72	21.53	22.70
15	64QAM	36	39	21.79	21.78	22.04	21.78	21.71	22.70
15	64QAM	75	0	21.65	21.55	21.83	21.50	21.40	22.70
15	256QAM	1	0	19.97	20.03	20.24	19.98	19.81	20.70
15	256QAM	1	37	19.95	19.98	20.21	19.99	19.90	20.70
15	256QAM	1	74	19.83	19.84	19.96	19.76	19.68	20.70
15	256QAM	36	0	19.61	19.64	19.83	19.52	19.48	20.70
15	256QAM	36	20	19.81	19.82	20.01	19.73	19.59	20.70
15	256QAM	36	39	19.79	19.86	19.90	19.75	19.67	20.70
15	256QAM	75	0	19.91	19.85	20.08	19.87	19.69	20.70
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	24.98	25.05	25.16	25.03	24.79	25.70
10	QPSK	1	25	24.91	24.70	25.02	24.75	24.47	25.70
10	QPSK	1	49	24.54	24.60	24.82	24.56	24.48	25.70
10	QPSK	25	0	23.79	23.71	24.07	23.74	23.49	24.70
10	QPSK	25	12	23.69	23.80	23.97	23.69	23.46	24.70
10	QPSK	25	25	23.73	23.61	23.96	23.61	23.46	24.70
10	QPSK	50	0	23.73	23.77	23.92	23.64	23.43	24.70
10	16QAM	1	0	23.76	23.82	24.00	23.74	23.48	24.70
10	16QAM	1	25	23.77	23.82	24.01	23.86	23.63	24.70
10	16QAM	1	49	23.80	23.77	23.99	23.64	23.53	24.70
10	16QAM	25	0	22.79	22.78	23.01	22.65	22.65	23.70
10	16QAM	25	12	22.78	22.75	22.93	22.63	22.45	23.70
10	16QAM	25	25	22.60	22.55	22.87	22.59	22.39	23.70
10	16QAM	50	0	22.75	22.68	23.00	22.74	22.67	23.70
10	64QAM	1	0	23.07	22.91	23.22	22.92	22.73	23.70
10	64QAM	1	25	23.00	23.08	23.18	23.07	22.77	23.70
10	64QAM	1	49	22.76	22.71	22.96	22.71	22.55	23.70
10	64QAM	25	0	21.67	21.72	21.87	21.67	21.53	22.70
10	64QAM	25	12	21.72	21.74	21.97	21.69	21.49	22.70
10	64QAM	25	25	21.82	21.82	22.04	21.76	21.70	22.70
10	64QAM	50	0	21.59	21.57	21.87	21.58	21.34	22.70
10	256QAM	1	0	19.91	19.92	20.11	20.01	19.81	20.70
10	256QAM	1	25	19.95	19.89	20.12	19.94	19.91	20.70
10	256QAM	1	49	19.89	19.78	20.02	19.71	19.58	20.70
10	256QAM	25	0	19.60	19.56	19.87	19.58	19.49	20.70
10	256QAM	25	12	19.81	19.87	20.03	19.79	19.69	20.70
10	256QAM	25	25	19.73	19.84	19.92	19.78	19.58	20.70
10	256QAM	50	0	19.85	19.77	20.02	19.78	19.64	20.70
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	25.08	25.02	25.22	24.97	24.77	25.70
5	QPSK	1	12	24.80	24.81	24.95	24.68	24.60	25.70
5	QPSK	1	24	24.62	24.59	24.82	24.56	24.50	25.70
5	QPSK	12	0	23.73	23.76	24.08	23.71	23.50	24.70
5	QPSK	12	7	23.62	23.70	23.97	23.65	23.51	24.70
5	QPSK	12	13	23.72	23.61	23.95	23.68	23.39	24.70
5	QPSK	25	0	23.77	23.69	24.01	23.56	23.48	24.70
5	16QAM	1	0	23.79	23.73	24.05	23.74	23.54	24.70
5	16QAM	1	12	23.89	23.85	24.01	23.88	23.61	24.70
5	16QAM	1	24	23.73	23.65	24.06	23.72	23.60	24.70
5	16QAM	12	0	22.78	22.68	22.99	22.67	22.58	23.70
5	16QAM	12	7	22.71	22.74	22.82	22.73	22.40	23.70
5	16QAM	12	13	22.61	22.59	22.86	22.54	22.37	23.70
5	16QAM	25	0	22.78	22.76	23.03	22.72	22.66	23.70
5	64QAM	1	0	23.10	23.01	23.12	22.96	22.77	23.70
5	64QAM	1	12	23.01	23.02	23.21	23.05	22.89	23.70
5	64QAM	1	24	22.69	22.63	22.98	22.59	22.56	23.70
5	64QAM	12	0	21.71	21.65	21.96	21.68	21.48	22.70
5	64QAM	12	7	21.83	21.80	22.02	21.68	21.56	22.70
5	64QAM	12	13	21.79	21.89	22.09	21.78	21.69	22.70
5	64QAM	25	0	21.69	21.56	21.89	21.49	21.34	22.70
5	256QAM	1	0	19.96	19.94	20.16	19.95	19.83	20.70
5	256QAM	1	12	19.97	19.90	20.14	19.91	19.90	20.70
5	256QAM	1	24	19.84	19.79	20.05	19.74	19.61	20.70
5	256QAM	12	0	19.65	19.62	19.81	19.54	19.39	20.70
5	256QAM	12	7	19.82	19.83	20.09	19.79	19.65	20.70
5	256QAM	12	13	19.76	19.74	19.92	19.76	19.63	20.70
5	256QAM	25	0	19.81	19.85	20.01	19.77	19.61	20.70

【LTE Band 41__FCC (2496~2690MHz)_Ant
4_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	18.20
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	17.71	17.69	17.78	17.73	17.76	18.20
20	QPSK	1	49	17.50	17.52	17.70	17.62	17.55	18.20
20	QPSK	1	99	17.62	17.59	17.76	17.68	17.61	18.20
20	QPSK	50	0	17.56	17.58	17.75	17.63	17.70	18.20
20	QPSK	50	24	17.53	17.54	17.68	17.61	17.65	18.20
20	QPSK	50	50	17.59	17.50	17.70	17.55	17.64	18.20
20	QPSK	100	0	17.61	17.56	17.69	17.61	17.57	18.20
20	16QAM	1	0	17.65	17.62	17.80	17.64	17.63	18.20
20	16QAM	1	49	17.48	17.45	17.66	17.57	17.50	18.20
20	16QAM	1	99	17.50	17.50	17.66	17.56	17.49	18.20
20	16QAM	50	0	17.50	17.42	17.65	17.51	17.55	18.20
20	16QAM	50	24	17.48	17.49	17.69	17.61	17.64	18.20
20	16QAM	50	50	17.72	17.70	17.85	17.66	17.73	18.20
20	16QAM	100	0	17.56	17.51	17.67	17.58	17.53	18.20
20	64QAM	1	0	17.75	17.67	17.85	17.65	17.71	18.20
20	64QAM	1	49	17.52	17.58	17.68	17.55	17.63	18.20
20	64QAM	1	99	17.67	17.73	17.83	17.65	17.76	18.20
20	64QAM	50	0	17.65	17.56	17.78	17.64	17.68	18.20
20	64QAM	50	24	17.50	17.53	17.67	17.56	17.57	18.20
20	64QAM	50	50	17.54	17.57	17.69	17.52	17.64	18.20
20	64QAM	100	0	17.72	17.70	17.85	17.73	17.68	18.20
20	256QAM	1	0	17.54	17.47	17.68	17.57	17.53	18.20
20	256QAM	1	49	17.58	17.62	17.76	17.60	17.64	18.20
20	256QAM	1	99	17.63	17.55	17.75	17.67	17.58	18.20
20	256QAM	50	0	17.66	17.58	17.77	17.63	17.67	18.20
20	256QAM	50	24	17.53	17.44	17.66	17.50	17.59	18.20
20	256QAM	50	50	17.53	17.51	17.63	17.54	17.53	18.20
20	256QAM	100	0	17.64	17.67	17.78	17.72	17.62	18.20
Channel				39725	40173	40620	41068	41515	18.20
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	17.58	17.56	17.72	17.63	17.68	18.20
15	QPSK	1	37	17.46	17.39	17.62	17.54	17.46	18.20
15	QPSK	1	74	17.58	17.54	17.73	17.66	17.58	18.20
15	QPSK	36	0	17.42	17.50	17.67	17.55	17.68	18.20
15	QPSK	36	20	17.39	17.51	17.64	17.51	17.58	18.20
15	QPSK	36	39	17.45	17.41	17.66	17.49	17.60	18.20
15	QPSK	75	0	17.50	17.47	17.56	17.54	17.46	18.20
15	16QAM	1	0	17.56	17.57	17.69	17.53	17.62	18.20
15	16QAM	1	37	17.37	17.40	17.56	17.44	17.42	18.20
15	16QAM	1	74	17.43	17.41	17.59	17.50	17.38	18.20
15	16QAM	36	0	17.37	17.30	17.59	17.37	17.42	18.20
15	16QAM	36	20	17.46	17.40	17.68	17.50	17.51	18.20
15	16QAM	36	39	17.59	17.69	17.76	17.59	17.58	18.20
15	16QAM	75	0	17.43	17.38	17.57	17.47	17.49	18.20
15	64QAM	1	0	17.67	17.53	17.84	17.63	17.67	18.20
15	64QAM	1	37	17.39	17.47	17.53	17.53	17.58	18.20
15	64QAM	1	74	17.57	17.59	17.70	17.60	17.72	18.20
15	64QAM	36	0	17.62	17.48	17.71	17.51	17.63	18.20
15	64QAM	36	20	17.48	17.42	17.65	17.53	17.51	18.20
15	64QAM	36	39	17.39	17.43	17.55	17.44	17.55	18.20
15	64QAM	75	0	17.62	17.64	17.84	17.62	17.61	18.20
15	256QAM	1	0	17.46	17.45	17.54	17.53	17.45	18.20
15	256QAM	1	37	17.56	17.48	17.66	17.57	17.49	18.20
15	256QAM	1	74	17.55	17.42	17.72	17.63	17.55	18.20
15	256QAM	36	0	17.65	17.52	17.74	17.49	17.55	18.20
15	256QAM	36	20	17.40	17.39	17.59	17.44	17.47	18.20
15	256QAM	36	39	17.41	17.39	17.59	17.49	17.52	18.20
15	256QAM	75	0	17.58	17.56	17.64	17.57	17.50	18.20
Channel				39700	40160	40620	41080	41540	18.20
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	17.67	17.58	17.64	17.60	17.61	18.20
10	QPSK	1	25	17.43	17.42	17.58	17.48	17.46	18.20

10	QPSK	1	49	17.49	17.46	17.68	17.61	17.46	18.20
10	QPSK	25	0	17.54	17.49	17.67	17.58	17.60	18.20
10	QPSK	25	12	17.43	17.45	17.55	17.59	17.53	18.20
10	QPSK	25	25	17.56	17.49	17.68	17.53	17.55	18.20
10	QPSK	50	0	17.57	17.46	17.61	17.54	17.54	18.20
10	16QAM	1	0	17.53	17.47	17.75	17.57	17.57	18.20
10	16QAM	1	25	17.45	17.39	17.60	17.56	17.35	18.20
10	16QAM	1	49	17.44	17.44	17.56	17.54	17.35	18.20
10	16QAM	25	0	17.40	17.40	17.56	17.40	17.52	18.20
10	16QAM	25	12	17.45	17.36	17.67	17.49	17.57	18.20
10	16QAM	25	25	17.70	17.59	17.78	17.53	17.71	18.20
10	16QAM	50	0	17.52	17.46	17.58	17.47	17.41	18.20
10	64QAM	1	0	17.66	17.61	17.71	17.58	17.56	18.20
10	64QAM	1	25	17.49	17.52	17.66	17.46	17.62	18.20
10	64QAM	1	49	17.60	17.59	17.79	17.59	17.65	18.20
10	64QAM	25	0	17.54	17.51	17.66	17.61	17.61	18.20
10	64QAM	25	12	17.41	17.39	17.57	17.46	17.43	18.20
10	64QAM	25	25	17.41	17.43	17.65	17.43	17.58	18.20
10	64QAM	50	0	17.71	17.66	17.79	17.62	17.60	18.20
10	256QAM	1	0	17.49	17.37	17.53	17.53	17.48	18.20
10	256QAM	1	25	17.52	17.60	17.72	17.49	17.60	18.20
10	256QAM	1	49	17.53	17.51	17.63	17.55	17.50	18.20
10	256QAM	25	0	17.54	17.54	17.70	17.61	17.66	18.20
10	256QAM	25	12	17.46	17.32	17.60	17.45	17.46	18.20
10	256QAM	25	25	17.40	17.38	17.54	17.51	17.44	18.20
10	256QAM	50	0	17.56	17.55	17.74	17.66	17.59	18.20
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	17.64	17.55	17.73	17.68	17.62	18.20
5	QPSK	1	12	17.48	17.48	17.58	17.48	17.40	18.20
5	QPSK	1	24	17.58	17.50	17.67	17.66	17.51	18.20
5	QPSK	12	0	17.55	17.56	17.64	17.58	17.64	18.20
5	QPSK	12	7	17.39	17.53	17.62	17.56	17.61	18.20
5	QPSK	12	13	17.56	17.39	17.61	17.43	17.56	18.20
5	QPSK	25	0	17.48	17.48	17.65	17.58	17.51	18.20
5	16QAM	1	0	17.56	17.52	17.68	17.49	17.54	18.20
5	16QAM	1	12	17.33	17.37	17.63	17.47	17.41	18.20
5	16QAM	1	24	17.36	17.48	17.56	17.41	17.48	18.20
5	16QAM	12	0	17.41	17.40	17.53	17.38	17.53	18.20
5	16QAM	12	7	17.35	17.41	17.56	17.58	17.52	18.20
5	16QAM	12	13	17.64	17.65	17.83	17.61	17.67	18.20
5	16QAM	25	0	17.45	17.47	17.62	17.54	17.47	18.20
5	64QAM	1	0	17.72	17.58	17.83	17.58	17.58	18.20
5	64QAM	1	12	17.43	17.47	17.60	17.52	17.61	18.20
5	64QAM	1	24	17.64	17.70	17.77	17.56	17.74	18.20
5	64QAM	12	0	17.53	17.43	17.75	17.62	17.58	18.20
5	64QAM	12	7	17.48	17.39	17.57	17.52	17.48	18.20
5	64QAM	12	13	17.52	17.56	17.65	17.41	17.54	18.20
5	64QAM	25	0	17.57	17.68	17.82	17.66	17.63	18.20
5	256QAM	1	0	17.40	17.45	17.61	17.49	17.52	18.20
5	256QAM	1	12	17.45	17.55	17.62	17.47	17.53	18.20
5	256QAM	1	24	17.58	17.50	17.72	17.62	17.46	18.20
5	256QAM	12	0	17.64	17.45	17.71	17.58	17.54	18.20
5	256QAM	12	7	17.49	17.38	17.62	17.43	17.56	18.20
5	256QAM	12	13	17.49	17.45	17.61	17.41	17.47	18.20
5	256QAM	25	0	17.52	17.56	17.69	17.64	17.51	18.20

【LTE Band 41__FCC (2496~2690MHz)_Ant
4_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	20.30	20.33	20.35	20.34	20.28	20.70
20	QPSK	1	49	20.02	20.08	20.21	20.14	20.02	20.70
20	QPSK	1	99	20.13	20.15	20.28	20.15	20.18	20.70
20	QPSK	50	0	20.25	20.16	20.30	20.26	20.21	20.70
20	QPSK	50	24	20.22	20.14	20.29	20.25	20.14	20.70
20	QPSK	50	50	20.16	20.11	20.26	20.18	20.08	20.70
20	QPSK	100	0	20.15	20.12	20.26	20.21	20.10	20.70
20	16QAM	1	0	20.06	20.11	20.21	20.07	20.10	20.70
20	16QAM	1	49	20.07	20.17	20.21	20.15	20.01	20.70
20	16QAM	1	99	20.24	20.26	20.31	20.23	20.11	20.70
20	16QAM	50	0	19.99	20.01	20.16	20.14	19.96	20.70
20	16QAM	50	24	20.02	20.10	20.19	20.04	20.00	20.70
20	16QAM	50	50	20.00	20.07	20.17	20.09	20.06	20.70
20	16QAM	100	0	20.13	20.14	20.25	20.15	20.15	20.70
20	64QAM	1	0	20.06	20.13	20.18	20.07	20.05	20.70
20	64QAM	1	49	20.23	20.22	20.36	20.23	20.28	20.70
20	64QAM	1	99	20.05	20.14	20.20	20.10	20.10	20.70
20	64QAM	50	0	20.11	20.13	20.17	20.06	20.00	20.70
20	64QAM	50	24	20.17	20.13	20.27	20.12	20.15	20.70
20	64QAM	50	50	20.27	20.26	20.35	20.27	20.18	20.70
20	64QAM	100	0	20.08	19.99	20.15	20.09	19.99	20.70
20	256QAM	1	0	20.08	20.11	20.24	20.21	20.07	20.70
20	256QAM	1	49	20.21	20.20	20.29	20.19	20.11	20.70
20	256QAM	1	99	20.19	20.30	20.37	20.34	20.23	20.70
20	256QAM	50	0	20.12	20.17	20.29	20.21	20.15	20.70
20	256QAM	50	24	20.10	20.14	20.24	20.13	20.11	20.70
20	256QAM	50	50	19.99	20.15	20.18	20.13	20.09	20.70
20	256QAM	100	0	19.94	20.02	20.13	20.07	19.94	20.70
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	20.17	20.23	20.25	20.32	20.24	20.70
15	QPSK	1	37	19.90	20.06	20.09	20.02	19.91	20.70
15	QPSK	1	74	20.10	20.13	20.24	20.03	20.06	20.70
15	QPSK	36	0	20.08	20.13	20.16	20.12	20.07	20.70
15	QPSK	36	20	20.12	20.11	20.26	20.21	20.02	20.70
15	QPSK	36	39	20.10	20.07	20.14	20.12	19.95	20.70
15	QPSK	75	0	20.11	20.04	20.21	20.18	20.01	20.70
15	16QAM	1	0	19.92	20.03	20.10	19.97	19.97	20.70
15	16QAM	1	37	19.95	20.11	20.11	20.02	19.94	20.70
15	16QAM	1	74	20.21	20.14	20.29	20.15	20.02	20.70
15	16QAM	36	0	19.86	19.96	20.13	20.04	19.85	20.70
15	16QAM	36	20	19.87	20.05	20.07	19.90	19.93	20.70
15	16QAM	36	39	19.96	20.03	20.13	20.05	20.03	20.70
15	16QAM	75	0	20.02	20.06	20.12	20.02	20.10	20.70
15	64QAM	1	0	19.92	20.08	20.15	19.93	19.96	20.70
15	64QAM	1	37	20.15	20.17	20.22	20.21	20.17	20.70
15	64QAM	1	74	19.94	20.08	20.08	19.99	19.97	20.70
15	64QAM	36	0	19.96	19.99	20.16	20.02	19.86	20.70
15	64QAM	36	20	20.02	20.12	20.14	19.99	20.11	20.70
15	64QAM	36	39	20.21	20.12	20.27	20.15	20.12	20.70
15	64QAM	75	0	20.02	19.89	20.07	19.99	19.89	20.70
15	256QAM	1	0	19.98	20.03	20.15	20.06	19.94	20.70
15	256QAM	1	37	20.17	20.13	20.19	20.07	20.02	20.70
15	256QAM	1	74	20.10	20.17	20.36	20.31	20.16	20.70
15	256QAM	36	0	20.05	20.09	20.17	20.18	20.10	20.70
15	256QAM	36	20	20.02	20.08	20.13	20.00	20.02	20.70
15	256QAM	36	39	19.88	20.12	20.10	20.06	19.96	20.70
15	256QAM	75	0	19.88	19.98	20.07	19.97	19.91	20.70
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	20.21	20.27	20.30	20.20	20.25	20.70
10	QPSK	1	25	19.97	19.96	20.19	20.03	19.91	20.70
10	QPSK	1	49	20.10	20.03	20.17	20.07	20.07	20.70

10	QPSK	25	0	20.15	20.01	20.20	20.15	20.08	20.70
10	QPSK	25	12	20.08	20.12	20.27	20.17	20.10	20.70
10	QPSK	25	25	20.15	20.07	20.20	20.08	20.03	20.70
10	QPSK	50	0	20.11	20.07	20.17	20.09	19.99	20.70
10	16QAM	1	0	20.01	20.00	20.17	20.04	20.07	20.70
10	16QAM	1	25	19.95	20.15	20.10	20.13	19.98	20.70
10	16QAM	1	49	20.11	20.22	20.27	20.21	19.97	20.70
10	16QAM	25	0	19.92	19.98	20.06	20.12	19.83	20.70
10	16QAM	25	12	19.87	20.06	20.10	19.89	19.98	20.70
10	16QAM	25	25	19.99	20.03	20.16	20.01	19.97	20.70
10	16QAM	50	0	20.00	20.05	20.11	20.07	20.02	20.70
10	64QAM	1	0	20.01	20.03	20.04	20.05	19.96	20.70
10	64QAM	1	25	20.13	20.10	20.23	20.18	20.20	20.70
10	64QAM	1	49	19.91	19.99	20.10	20.01	19.98	20.70
10	64QAM	25	0	20.02	20.09	20.15	19.91	19.86	20.70
10	64QAM	25	12	20.09	20.12	20.25	19.97	20.11	20.70
10	64QAM	25	25	20.19	20.20	20.27	20.23	20.15	20.70
10	64QAM	50	0	19.97	19.95	20.06	20.00	19.84	20.70
10	256QAM	1	0	19.96	20.09	20.13	20.20	19.94	20.70
10	256QAM	1	25	20.13	20.18	20.17	20.13	20.06	20.70
10	256QAM	1	49	20.05	20.26	20.30	20.22	20.22	20.70
10	256QAM	25	0	20.10	20.13	20.20	20.08	20.05	20.70
10	256QAM	25	12	19.96	20.12	20.22	20.04	19.99	20.70
10	256QAM	25	25	19.84	20.11	20.06	20.09	20.01	20.70
10	256QAM	50	0	19.86	19.87	20.04	19.95	19.89	20.70
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	20.19	20.27	20.24	20.26	20.27	20.70
5	QPSK	1	12	19.99	20.04	20.10	20.06	19.92	20.70
5	QPSK	1	24	20.08	20.13	20.25	20.07	20.13	20.70
5	QPSK	12	0	20.15	20.01	20.24	20.14	20.20	20.70
5	QPSK	12	7	20.08	20.03	20.23	20.14	20.02	20.70
5	QPSK	12	13	20.13	19.97	20.17	20.16	19.99	20.70
5	QPSK	25	0	20.03	20.02	20.15	20.18	20.08	20.70
5	16QAM	1	0	19.96	20.04	20.09	19.96	19.99	20.70
5	16QAM	1	12	19.98	20.05	20.19	20.02	19.93	20.70
5	16QAM	1	24	20.13	20.15	20.29	20.20	20.10	20.70
5	16QAM	12	0	19.96	19.92	20.01	20.01	19.81	20.70
5	16QAM	12	7	20.00	20.02	20.18	19.96	19.96	20.70
5	16QAM	12	13	19.99	19.92	20.05	20.05	19.96	20.70
5	16QAM	25	0	20.04	20.05	20.15	20.09	20.14	20.70
5	64QAM	1	0	19.95	20.00	20.07	19.99	19.95	20.70
5	64QAM	1	12	20.18	20.21	20.29	20.18	20.20	20.70
5	64QAM	1	24	19.99	20.02	20.18	20.05	19.99	20.70
5	64QAM	12	0	20.03	20.07	20.05	19.92	19.99	20.70
5	64QAM	12	7	20.10	20.06	20.24	20.11	20.14	20.70
5	64QAM	12	13	20.15	20.18	20.25	20.19	20.11	20.70
5	64QAM	25	0	20.06	19.85	20.10	20.03	19.95	20.70
5	256QAM	1	0	19.97	20.05	20.18	20.13	20.02	20.70
5	256QAM	1	12	20.18	20.14	20.25	20.07	19.97	20.70
5	256QAM	1	24	20.12	20.20	20.23	20.24	20.11	20.70
5	256QAM	12	0	20.05	20.11	20.22	20.19	20.06	20.70
5	256QAM	12	7	19.97	20.04	20.15	20.06	20.06	20.70
5	256QAM	12	13	19.87	20.02	20.16	20.08	20.07	20.70
5	256QAM	25	0	19.88	19.99	19.98	20.06	19.88	20.70

**【LTE Band 41__FCC (2496~2690MHz)_Ant
4_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	25.11	25.08	25.25	25.04	24.89	25.70
20	QPSK	1	49	24.94	24.82	25.09	24.80	24.62	25.70
20	QPSK	1	99	24.67	24.72	24.93	24.64	24.56	25.70
20	QPSK	50	0	23.87	23.83	24.09	23.79	23.62	24.70
20	QPSK	50	24	23.77	23.82	24.01	23.73	23.54	24.70
20	QPSK	50	50	23.81	23.74	23.99	23.73	23.50	24.70
20	QPSK	100	0	23.86	23.80	24.04	23.70	23.56	24.70
20	16QAM	1	0	23.90	23.88	24.12	23.84	23.63	24.70
20	16QAM	1	49	23.90	23.95	24.14	23.89	23.69	24.70

20	16QAM	1	99	23.83	23.79	24.07	23.74	23.66	24.70
20	16QAM	50	0	22.91	22.83	23.07	22.76	22.66	23.70
20	16QAM	50	24	22.80	22.76	22.96	22.75	22.55	23.70
20	16QAM	50	50	22.70	22.67	22.94	22.65	22.49	23.70
20	16QAM	100	0	22.79	22.82	23.06	22.84	22.69	23.70
20	64QAM	1	0	23.13	23.03	23.27	23.03	22.84	23.70
20	64QAM	1	49	23.12	23.14	23.31	23.08	22.90	23.70
20	64QAM	1	99	22.81	22.76	22.99	22.73	22.59	23.70
20	64QAM	50	0	21.74	21.78	21.98	21.73	21.59	22.70
20	64QAM	50	24	21.85	21.87	22.04	21.78	21.58	22.70
20	64QAM	50	50	21.88	21.92	22.15	21.88	21.79	22.70
20	64QAM	100	0	21.73	21.62	21.90	21.63	21.45	22.70
20	256QAM	1	0	19.99	20.07	20.25	20.03	19.93	20.70
20	256QAM	1	49	20.09	20.02	20.25	20.00	19.93	20.70
20	256QAM	1	99	19.90	19.87	20.09	19.80	19.69	20.70
20	256QAM	50	0	19.71	19.70	19.90	19.62	19.51	20.70
20	256QAM	50	24	19.92	19.93	20.11	19.86	19.72	20.70
20	256QAM	50	50	19.84	19.89	20.05	19.80	19.68	20.70
20	256QAM	100	0	19.94	19.90	20.15	19.92	19.73	20.70
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	25.06	24.93	25.18	24.99	24.83	25.70
15	QPSK	1	37	24.83	24.81	24.98	24.68	24.51	25.70
15	QPSK	1	74	24.59	24.62	24.87	24.52	24.41	25.70
15	QPSK	36	0	23.77	23.81	23.94	23.66	23.52	24.70
15	QPSK	36	20	23.64	23.80	23.95	23.61	23.53	24.70
15	QPSK	36	39	23.68	23.64	23.96	23.71	23.41	24.70
15	QPSK	75	0	23.83	23.78	23.97	23.64	23.47	24.70
15	16QAM	1	0	23.83	23.80	24.06	23.70	23.59	24.70
15	16QAM	1	37	23.84	23.85	24.01	23.85	23.66	24.70
15	16QAM	1	74	23.69	23.67	24.06	23.60	23.56	24.70
15	16QAM	36	0	22.88	22.69	22.99	22.61	22.57	23.70
15	16QAM	36	20	22.68	22.63	22.93	22.73	22.41	23.70
15	16QAM	36	39	22.66	22.61	22.86	22.59	22.46	23.70
15	16QAM	75	0	22.68	22.71	22.98	22.76	22.65	23.70
15	64QAM	1	0	23.03	22.97	23.13	22.95	22.79	23.70
15	64QAM	1	37	23.05	23.02	23.22	23.04	22.85	23.70
15	64QAM	1	74	22.78	22.68	22.87	22.71	22.51	23.70
15	64QAM	36	0	21.61	21.75	21.86	21.60	21.56	22.70
15	64QAM	36	20	21.76	21.78	21.91	21.72	21.53	22.70
15	64QAM	36	39	21.79	21.78	22.04	21.78	21.71	22.70
15	64QAM	75	0	21.65	21.55	21.83	21.50	21.40	22.70
15	256QAM	1	0	19.97	20.03	20.24	19.98	19.81	20.70
15	256QAM	1	37	19.95	19.98	20.21	19.99	19.90	20.70
15	256QAM	1	74	19.83	19.84	19.96	19.76	19.68	20.70
15	256QAM	36	0	19.61	19.64	19.83	19.52	19.48	20.70
15	256QAM	36	20	19.81	19.82	20.01	19.73	19.59	20.70
15	256QAM	36	39	19.79	19.86	19.90	19.75	19.67	20.70
15	256QAM	75	0	19.91	19.85	20.08	19.87	19.69	20.70
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	24.98	25.05	25.16	25.03	24.79	25.70
10	QPSK	1	25	24.91	24.70	25.02	24.75	24.47	25.70
10	QPSK	1	49	24.54	24.60	24.82	24.56	24.48	25.70
10	QPSK	25	0	23.79	23.71	24.07	23.74	23.49	24.70
10	QPSK	25	12	23.69	23.80	23.97	23.69	23.46	24.70
10	QPSK	25	25	23.73	23.61	23.96	23.61	23.46	24.70
10	QPSK	50	0	23.73	23.77	23.92	23.64	23.43	24.70
10	16QAM	1	0	23.76	23.82	24.00	23.74	23.48	24.70
10	16QAM	1	25	23.77	23.82	24.01	23.86	23.63	24.70
10	16QAM	1	49	23.80	23.77	23.99	23.64	23.53	24.70
10	16QAM	25	0	22.79	22.78	23.01	22.65	22.65	23.70
10	16QAM	25	12	22.78	22.75	22.93	22.63	22.45	23.70
10	16QAM	25	25	22.60	22.55	22.87	22.59	22.39	23.70
10	16QAM	50	0	22.75	22.68	23.00	22.74	22.67	23.70
10	64QAM	1	0	23.07	22.91	23.22	22.92	22.73	23.70
10	64QAM	1	25	23.00	23.08	23.18	23.07	22.77	23.70
10	64QAM	1	49	22.76	22.71	22.96	22.71	22.55	23.70
10	64QAM	25	0	21.67	21.72	21.87	21.67	21.53	22.70
10	64QAM	25	12	21.72	21.74	21.97	21.69	21.49	22.70
10	64QAM	25	25	21.82	21.82	22.04	21.76	21.70	22.70
10	64QAM	50	0	21.59	21.57	21.87	21.58	21.34	22.70
10	256QAM	1	0	19.91	19.92	20.11	20.01	19.81	20.70

10	256QAM	1	25	19.95	19.89	20.12	19.94	19.91	20.70
10	256QAM	1	49	19.89	19.78	20.02	19.71	19.58	20.70
10	256QAM	25	0	19.60	19.56	19.87	19.58	19.49	20.70
10	256QAM	25	12	19.81	19.87	20.03	19.79	19.69	20.70
10	256QAM	25	25	19.73	19.84	19.92	19.78	19.58	20.70
10	256QAM	50	0	19.85	19.77	20.02	19.78	19.64	20.70
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	25.08	25.02	25.22	24.97	24.77	25.70
5	QPSK	1	12	24.80	24.81	24.95	24.68	24.60	25.70
5	QPSK	1	24	24.62	24.59	24.82	24.56	24.50	25.70
5	QPSK	12	0	23.73	23.76	24.08	23.71	23.50	24.70
5	QPSK	12	7	23.62	23.70	23.97	23.65	23.51	24.70
5	QPSK	12	13	23.72	23.61	23.95	23.68	23.39	24.70
5	QPSK	25	0	23.77	23.69	24.01	23.56	23.48	24.70
5	16QAM	1	0	23.79	23.73	24.05	23.74	23.54	24.70
5	16QAM	1	12	23.89	23.85	24.01	23.88	23.61	24.70
5	16QAM	1	24	23.73	23.65	24.06	23.72	23.60	24.70
5	16QAM	12	0	22.78	22.68	22.99	22.67	22.58	23.70
5	16QAM	12	7	22.71	22.74	22.82	22.73	22.40	23.70
5	16QAM	12	13	22.61	22.59	22.86	22.54	22.37	23.70
5	16QAM	25	0	22.78	22.76	23.03	22.72	22.66	23.70
5	64QAM	1	0	23.10	23.01	23.12	22.96	22.77	23.70
5	64QAM	1	12	23.01	23.02	23.21	23.05	22.89	23.70
5	64QAM	1	24	22.69	22.63	22.98	22.59	22.56	23.70
5	64QAM	12	0	21.71	21.65	21.96	21.68	21.48	22.70
5	64QAM	12	7	21.83	21.80	22.02	21.68	21.56	22.70
5	64QAM	12	13	21.79	21.89	22.09	21.78	21.69	22.70
5	64QAM	25	0	21.69	21.56	21.89	21.49	21.34	22.70
5	256QAM	1	0	19.96	19.94	20.16	19.95	19.83	20.70
5	256QAM	1	12	19.97	19.90	20.14	19.91	19.90	20.70
5	256QAM	1	24	19.84	19.79	20.05	19.74	19.61	20.70
5	256QAM	12	0	19.65	19.62	19.81	19.54	19.39	20.70
5	256QAM	12	7	19.82	19.83	20.09	19.79	19.65	20.70
5	256QAM	12	13	19.76	19.74	19.92	19.76	19.63	20.70
5	256QAM	25	0	19.81	19.85	20.01	19.77	19.61	20.70

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

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	17.71	17.69	17.78	17.73	17.76	18.20
20	QPSK	1	49	17.50	17.52	17.70	17.62	17.55	18.20
20	QPSK	1	99	17.62	17.59	17.76	17.68	17.61	18.20
20	QPSK	50	0	17.56	17.58	17.75	17.63	17.70	18.20
20	QPSK	50	24	17.53	17.54	17.68	17.61	17.65	18.20
20	QPSK	50	50	17.59	17.50	17.70	17.55	17.64	18.20
20	QPSK	100	0	17.61	17.56	17.69	17.61	17.57	18.20
20	16QAM	1	0	17.65	17.62	17.80	17.64	17.63	18.20
20	16QAM	1	49	17.48	17.45	17.66	17.57	17.50	18.20
20	16QAM	1	99	17.50	17.50	17.66	17.56	17.49	18.20
20	16QAM	50	0	17.50	17.42	17.65	17.51	17.55	18.20
20	16QAM	50	24	17.48	17.49	17.69	17.61	17.64	18.20
20	16QAM	50	50	17.72	17.70	17.85	17.66	17.73	18.20
20	16QAM	100	0	17.56	17.51	17.67	17.58	17.53	18.20
20	64QAM	1	0	17.75	17.67	17.85	17.65	17.71	18.20
20	64QAM	1	49	17.52	17.58	17.68	17.55	17.63	18.20
20	64QAM	1	99	17.67	17.73	17.83	17.65	17.76	18.20
20	64QAM	50	0	17.65	17.56	17.78	17.64	17.68	18.20
20	64QAM	50	24	17.50	17.53	17.67	17.56	17.57	18.20
20	64QAM	50	50	17.54	17.57	17.69	17.52	17.64	18.20
20	64QAM	100	0	17.72	17.70	17.85	17.73	17.68	18.20
20	256QAM	1	0	17.54	17.47	17.68	17.57	17.53	18.20
20	256QAM	1	49	17.58	17.62	17.76	17.60	17.64	18.20
20	256QAM	1	99	17.63	17.55	17.75	17.67	17.58	18.20
20	256QAM	50	0	17.66	17.58	17.77	17.63	17.67	18.20

20	256QAM	50	24	17.53	17.44	17.66	17.50	17.59	18.20
20	256QAM	50	50	17.53	17.51	17.63	17.54	17.53	18.20
20	256QAM	100	0	17.64	17.67	17.78	17.72	17.62	18.20
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	17.58	17.56	17.72	17.63	17.68	18.20
15	QPSK	1	37	17.46	17.39	17.62	17.54	17.46	18.20
15	QPSK	1	74	17.58	17.54	17.73	17.66	17.58	18.20
15	QPSK	36	0	17.42	17.50	17.67	17.55	17.68	18.20
15	QPSK	36	20	17.39	17.51	17.64	17.51	17.58	18.20
15	QPSK	36	39	17.45	17.41	17.66	17.49	17.60	18.20
15	QPSK	75	0	17.50	17.47	17.56	17.54	17.46	18.20
15	16QAM	1	0	17.56	17.57	17.69	17.53	17.62	18.20
15	16QAM	1	37	17.37	17.40	17.56	17.44	17.42	18.20
15	16QAM	1	74	17.43	17.41	17.59	17.50	17.38	18.20
15	16QAM	36	0	17.37	17.30	17.59	17.37	17.42	18.20
15	16QAM	36	20	17.46	17.40	17.68	17.50	17.51	18.20
15	16QAM	36	39	17.59	17.69	17.76	17.59	17.58	18.20
15	16QAM	75	0	17.43	17.38	17.57	17.47	17.49	18.20
15	64QAM	1	0	17.67	17.53	17.84	17.63	17.67	18.20
15	64QAM	1	37	17.39	17.47	17.53	17.53	17.58	18.20
15	64QAM	1	74	17.57	17.59	17.70	17.60	17.72	18.20
15	64QAM	36	0	17.62	17.48	17.71	17.51	17.63	18.20
15	64QAM	36	20	17.48	17.42	17.65	17.53	17.51	18.20
15	64QAM	36	39	17.39	17.43	17.55	17.44	17.55	18.20
15	64QAM	75	0	17.62	17.64	17.84	17.62	17.61	18.20
15	256QAM	1	0	17.46	17.45	17.54	17.53	17.45	18.20
15	256QAM	1	37	17.56	17.48	17.66	17.57	17.49	18.20
15	256QAM	1	74	17.55	17.42	17.72	17.63	17.55	18.20
15	256QAM	36	0	17.65	17.52	17.74	17.49	17.55	18.20
15	256QAM	36	20	17.40	17.39	17.59	17.44	17.47	18.20
15	256QAM	36	39	17.41	17.39	17.59	17.49	17.52	18.20
15	256QAM	75	0	17.58	17.56	17.64	17.57	17.50	18.20
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	17.67	17.58	17.64	17.60	17.61	18.20
10	QPSK	1	25	17.43	17.42	17.58	17.48	17.46	18.20
10	QPSK	1	49	17.49	17.46	17.68	17.61	17.46	18.20
10	QPSK	25	0	17.54	17.49	17.67	17.58	17.60	18.20
10	QPSK	25	12	17.43	17.45	17.55	17.59	17.53	18.20
10	QPSK	25	25	17.56	17.49	17.68	17.53	17.55	18.20
10	QPSK	50	0	17.57	17.46	17.61	17.54	17.54	18.20
10	16QAM	1	0	17.53	17.47	17.75	17.57	17.57	18.20
10	16QAM	1	25	17.45	17.39	17.60	17.56	17.35	18.20
10	16QAM	1	49	17.44	17.44	17.56	17.54	17.35	18.20
10	16QAM	25	0	17.40	17.40	17.56	17.40	17.52	18.20
10	16QAM	25	12	17.45	17.36	17.67	17.49	17.57	18.20
10	16QAM	25	25	17.70	17.59	17.78	17.53	17.71	18.20
10	16QAM	50	0	17.52	17.46	17.58	17.47	17.41	18.20
10	64QAM	1	0	17.66	17.61	17.71	17.58	17.56	18.20
10	64QAM	1	25	17.49	17.52	17.66	17.46	17.62	18.20
10	64QAM	1	49	17.60	17.59	17.79	17.59	17.65	18.20
10	64QAM	25	0	17.54	17.51	17.66	17.61	17.61	18.20
10	64QAM	25	12	17.41	17.39	17.57	17.46	17.43	18.20
10	64QAM	25	25	17.41	17.43	17.65	17.43	17.58	18.20
10	64QAM	50	0	17.71	17.66	17.79	17.62	17.60	18.20
10	256QAM	1	0	17.49	17.37	17.53	17.53	17.48	18.20
10	256QAM	1	25	17.52	17.60	17.72	17.49	17.60	18.20
10	256QAM	1	49	17.53	17.51	17.63	17.55	17.50	18.20
10	256QAM	25	0	17.54	17.54	17.70	17.61	17.66	18.20
10	256QAM	25	12	17.46	17.32	17.60	17.45	17.46	18.20
10	256QAM	25	25	17.40	17.38	17.54	17.51	17.44	18.20
10	256QAM	50	0	17.56	17.55	17.74	17.66	17.59	18.20
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	17.64	17.55	17.73	17.68	17.62	18.20
5	QPSK	1	12	17.48	17.48	17.58	17.48	17.40	18.20
5	QPSK	1	24	17.58	17.50	17.67	17.66	17.51	18.20
5	QPSK	12	0	17.55	17.56	17.64	17.58	17.64	18.20
5	QPSK	12	7	17.39	17.53	17.62	17.56	17.61	18.20
5	QPSK	12	13	17.56	17.39	17.61	17.43	17.56	18.20
5	QPSK	25	0	17.48	17.48	17.65	17.58	17.51	18.20

5	16QAM	1	0	17.56	17.52	17.68	17.49	17.54	18.20
5	16QAM	1	12	17.33	17.37	17.63	17.47	17.41	18.20
5	16QAM	1	24	17.36	17.48	17.56	17.41	17.48	18.20
5	16QAM	12	0	17.41	17.40	17.53	17.38	17.53	18.20
5	16QAM	12	7	17.35	17.41	17.56	17.58	17.52	18.20
5	16QAM	12	13	17.64	17.65	17.83	17.61	17.67	18.20
5	16QAM	25	0	17.45	17.47	17.62	17.54	17.47	18.20
5	64QAM	1	0	17.72	17.58	17.83	17.58	17.58	18.20
5	64QAM	1	12	17.43	17.47	17.60	17.52	17.61	18.20
5	64QAM	1	24	17.64	17.70	17.77	17.56	17.74	18.20
5	64QAM	12	0	17.53	17.43	17.75	17.62	17.58	18.20
5	64QAM	12	7	17.48	17.39	17.57	17.52	17.48	18.20
5	64QAM	12	13	17.52	17.56	17.65	17.41	17.54	18.20
5	64QAM	25	0	17.57	17.68	17.82	17.66	17.63	18.20
5	256QAM	1	0	17.40	17.45	17.61	17.49	17.52	18.20
5	256QAM	1	12	17.45	17.55	17.62	17.47	17.53	18.20
5	256QAM	1	24	17.58	17.50	17.72	17.62	17.46	18.20
5	256QAM	12	0	17.64	17.45	17.71	17.58	17.54	18.20
5	256QAM	12	7	17.49	17.38	17.62	17.43	17.56	18.20
5	256QAM	12	13	17.49	17.45	17.61	17.41	17.47	18.20
5	256QAM	25	0	17.52	17.56	17.69	17.64	17.51	18.20

【LTE Band 41__FCC (2496~2690MHz)_Ant
5_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	24.23	24.25	24.27	24.19	24.15	25.70
20	QPSK	1	49	24.05	24.04	24.17	24.05	23.93	25.70
20	QPSK	1	99	23.84	23.86	23.96	23.82	23.75	25.70
20	QPSK	50	0	23.14	23.05	23.20	23.10	22.99	24.70
20	QPSK	50	24	23.00	23.06	23.14	22.94	22.99	24.70
20	QPSK	50	50	23.09	23.08	23.19	23.06	23.00	24.70
20	QPSK	100	0	22.96	23.05	23.14	22.94	22.95	24.70
20	16QAM	1	0	23.12	23.10	23.19	23.06	23.04	24.70
20	16QAM	1	49	23.33	23.23	23.38	23.28	23.16	24.70
20	16QAM	1	99	23.14	23.08	23.20	23.01	23.05	24.70
20	16QAM	50	0	22.07	22.03	22.19	22.03	22.06	23.70
20	16QAM	50	24	22.16	22.15	22.29	22.09	22.10	23.70
20	16QAM	50	50	22.07	22.16	22.22	22.10	21.97	23.70
20	16QAM	100	0	22.07	22.04	22.19	22.08	21.97	23.70
20	64QAM	1	0	22.04	22.14	22.18	22.06	22.00	23.70
20	64QAM	1	49	22.10	22.15	22.27	22.18	22.11	23.70
20	64QAM	1	99	22.16	22.16	22.23	22.13	21.98	23.70
20	64QAM	50	0	20.96	21.05	21.12	20.99	20.96	22.70
20	64QAM	50	24	21.25	21.27	21.33	21.24	21.12	22.70
20	64QAM	50	50	20.95	21.01	21.04	20.89	20.83	22.70
20	64QAM	100	0	21.16	21.15	21.21	21.05	21.03	22.70
20	256QAM	1	0	19.07	19.05	19.13	19.03	18.96	20.70
20	256QAM	1	49	18.97	18.88	19.03	18.82	18.83	20.70
20	256QAM	1	99	19.01	19.12	19.17	18.96	18.99	20.70
20	256QAM	50	0	19.11	19.16	19.28	19.09	19.15	20.70
20	256QAM	50	24	18.96	18.99	19.09	18.97	18.92	20.70
20	256QAM	50	50	19.12	19.09	19.21	19.10	19.09	20.70
20	256QAM	100	0	19.30	19.33	19.36	19.22	19.12	20.70
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	24.08	24.20	24.24	24.17	24.08	25.70
15	QPSK	1	37	23.96	24.02	24.06	23.94	23.88	25.70
15	QPSK	1	74	23.77	23.75	23.91	23.70	23.62	25.70
15	QPSK	36	0	23.04	23.02	23.14	22.98	22.87	24.70
15	QPSK	36	20	22.87	22.95	23.03	22.89	22.93	24.70
15	QPSK	36	39	22.99	23.01	23.07	22.93	22.99	24.70
15	QPSK	75	0	22.83	22.93	23.07	22.90	22.90	24.70
15	16QAM	1	0	23.09	23.00	23.15	23.01	22.95	24.70
15	16QAM	1	37	23.28	23.13	23.30	23.16	23.07	24.70
15	16QAM	1	74	23.01	22.96	23.12	22.97	23.00	24.70

15	16QAM	36	0	21.93	22.00	22.06	21.90	21.94	23.70
15	16QAM	36	20	22.03	22.10	22.18	22.02	21.96	23.70
15	16QAM	36	39	21.94	22.06	22.15	22.08	21.85	23.70
15	16QAM	75	0	22.05	21.98	22.05	22.07	21.95	23.70
15	64QAM	1	0	22.02	22.11	22.11	21.98	21.90	23.70
15	64QAM	1	37	22.09	22.03	22.18	22.13	22.07	23.70
15	64QAM	1	74	22.05	22.06	22.11	22.09	21.91	23.70
15	64QAM	36	0	20.94	20.99	21.05	20.97	20.92	22.70
15	64QAM	36	20	21.17	21.24	21.23	21.11	21.01	22.70
15	64QAM	36	39	20.93	20.95	21.01	20.75	20.75	22.70
15	64QAM	75	0	21.02	21.02	21.12	21.02	21.00	22.70
15	256QAM	1	0	18.98	18.99	19.06	19.01	18.94	20.70
15	256QAM	1	37	18.86	18.84	18.89	18.77	18.77	20.70
15	256QAM	1	74	18.88	19.02	19.08	18.88	18.92	20.70
15	256QAM	36	0	19.05	19.04	19.14	19.06	19.01	20.70
15	256QAM	36	20	18.94	18.95	18.94	18.94	18.85	20.70
15	256QAM	36	39	19.06	18.95	19.08	19.05	19.04	20.70
15	256QAM	75	0	19.17	19.30	19.30	19.11	19.07	20.70
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	24.12	24.19	24.20	24.11	24.08	25.70
10	QPSK	1	25	23.90	23.96	24.07	23.92	23.92	25.70
10	QPSK	1	49	23.71	23.85	23.89	23.76	23.67	25.70
10	QPSK	25	0	23.00	22.96	23.11	22.96	22.90	24.70
10	QPSK	25	12	22.99	22.97	23.03	22.86	22.92	24.70
10	QPSK	25	25	22.99	23.04	23.13	22.97	22.87	24.70
10	QPSK	50	0	22.89	22.93	23.00	22.80	22.91	24.70
10	16QAM	1	0	23.10	22.96	23.06	23.00	22.90	24.70
10	16QAM	1	25	23.19	23.11	23.36	23.15	23.05	24.70
10	16QAM	1	49	22.99	22.94	23.09	22.98	22.95	24.70
10	16QAM	25	0	21.93	21.88	22.13	21.91	22.00	23.70
10	16QAM	25	12	22.13	22.10	22.27	22.03	21.97	23.70
10	16QAM	25	25	21.97	22.02	22.14	22.00	21.87	23.70
10	16QAM	50	0	22.00	22.00	22.15	22.02	21.93	23.70
10	64QAM	1	0	21.94	22.06	22.12	22.01	21.90	23.70
10	64QAM	1	25	22.00	22.12	22.22	22.16	22.06	23.70
10	64QAM	1	49	22.01	22.04	22.21	22.09	21.96	23.70
10	64QAM	25	0	20.91	20.96	21.02	20.93	20.87	22.70
10	64QAM	25	12	21.11	21.19	21.23	21.12	21.05	22.70
10	64QAM	25	25	20.86	20.93	21.03	20.78	20.70	22.70
10	64QAM	50	0	21.11	21.08	21.17	21.01	20.88	22.70
10	256QAM	1	0	18.94	18.91	19.12	18.94	18.83	20.70
10	256QAM	1	25	18.96	18.75	18.90	18.79	18.77	20.70
10	256QAM	1	49	19.00	19.08	19.03	18.93	18.85	20.70
10	256QAM	25	0	19.08	19.06	19.20	18.94	19.06	20.70
10	256QAM	25	12	18.84	18.97	18.95	18.87	18.86	20.70
10	256QAM	25	25	19.09	19.00	19.10	19.02	19.04	20.70
10	256QAM	50	0	19.25	19.24	19.34	19.15	19.01	20.70
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	24.10	24.13	24.25	24.16	24.01	25.70
5	QPSK	1	12	23.98	24.03	24.12	23.99	23.91	25.70
5	QPSK	1	24	23.82	23.83	23.87	23.78	23.69	25.70
5	QPSK	12	0	23.06	23.00	23.09	23.02	22.87	24.70
5	QPSK	12	7	22.90	23.02	23.08	22.84	22.94	24.70
5	QPSK	12	13	22.95	22.96	23.09	23.00	22.92	24.70
5	QPSK	25	0	22.88	22.97	23.11	22.87	22.89	24.70
5	16QAM	1	0	23.11	23.03	23.15	22.99	22.92	24.70
5	16QAM	1	12	23.21	23.11	23.26	23.20	23.01	24.70
5	16QAM	1	24	23.00	23.06	23.07	22.95	22.92	24.70
5	16QAM	12	0	21.98	21.93	22.05	21.92	22.03	23.70
5	16QAM	12	7	22.03	22.09	22.24	21.99	22.03	23.70
5	16QAM	12	13	21.95	22.14	22.13	22.02	21.84	23.70
5	16QAM	25	0	21.95	21.98	22.16	22.01	21.90	23.70
5	64QAM	1	0	21.96	22.12	22.07	22.05	21.87	23.70
5	64QAM	1	12	22.08	22.09	22.24	22.12	22.06	23.70
5	64QAM	1	24	22.11	22.12	22.21	22.03	21.87	23.70
5	64QAM	12	0	20.85	20.92	21.03	20.94	20.90	22.70
5	64QAM	12	7	21.21	21.23	21.19	21.19	21.05	22.70
5	64QAM	12	13	20.89	20.97	20.93	20.81	20.71	22.70
5	64QAM	25	0	21.11	21.02	21.15	20.92	20.98	22.70
5	256QAM	1	0	19.00	19.00	19.09	18.93	18.86	20.70
5	256QAM	1	12	18.88	18.75	18.92	18.77	18.81	20.70

5	256QAM	1	24	18.91	19.11	19.11	18.93	18.96	20.70
5	256QAM	12	0	19.05	19.06	19.25	19.08	19.02	20.70
5	256QAM	12	7	18.90	18.88	19.07	18.94	18.91	20.70
5	256QAM	12	13	19.00	19.06	19.07	19.09	19.04	20.70
5	256QAM	25	0	19.19	19.22	19.23	19.16	19.06	20.70

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

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	16.30	16.23	16.35	16.31	16.28	17.70
20	QPSK	1	49	16.24	16.10	16.30	16.19	16.20	17.70
20	QPSK	1	99	16.14	16.09	16.32	16.18	16.11	17.70
20	QPSK	50	0	16.24	16.17	16.33	16.26	16.19	17.70
20	QPSK	50	24	16.16	16.07	16.30	16.13	16.16	17.70
20	QPSK	50	50	16.11	16.03	16.22	16.05	16.11	17.70
20	QPSK	100	0	16.07	16.08	16.22	16.15	16.00	17.70
20	16QAM	1	0	16.08	15.99	16.23	16.12	16.07	17.70
20	16QAM	1	49	16.02	16.04	16.21	16.12	16.05	17.70
20	16QAM	1	99	16.06	15.94	16.16	16.08	16.08	17.70
20	16QAM	50	0	16.33	16.20	16.39	16.32	16.29	17.70
20	16QAM	50	24	16.03	15.96	16.15	15.99	15.93	17.70
20	16QAM	50	50	16.20	16.10	16.32	16.26	16.21	17.70
20	16QAM	100	0	16.15	16.02	16.24	16.13	16.15	17.70
20	64QAM	1	0	16.22	16.21	16.38	16.19	16.29	17.70
20	64QAM	1	49	16.01	16.00	16.17	16.01	16.06	17.70
20	64QAM	1	99	16.09	16.04	16.20	16.13	16.08	17.70
20	64QAM	50	0	16.16	16.01	16.25	16.18	16.09	17.70
20	64QAM	50	24	15.97	16.04	16.17	16.11	15.96	17.70
20	64QAM	50	50	16.11	16.17	16.30	16.14	16.21	17.70
20	64QAM	100	0	16.14	16.08	16.25	16.06	16.08	17.70
20	256QAM	1	0	16.07	16.05	16.26	16.09	16.05	17.70
20	256QAM	1	49	16.15	16.19	16.33	16.18	16.23	17.70
20	256QAM	1	99	16.06	15.95	16.21	16.11	16.07	17.70
20	256QAM	50	0	16.08	15.95	16.16	16.00	15.97	17.70
20	256QAM	50	24	16.16	16.08	16.33	16.25	16.24	17.70
20	256QAM	50	50	16.16	16.07	16.22	16.09	16.09	17.70
20	256QAM	100	0	16.22	16.15	16.35	16.19	16.16	17.70
Channel				39725	40173	40620	41068	41515	
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	16.19	16.14	16.34	16.29	16.24	17.70
15	QPSK	1	37	16.11	16.06	16.22	16.05	16.11	17.70
15	QPSK	1	74	16.11	15.96	16.18	16.06	16.00	17.70
15	QPSK	36	0	16.03	16.14	16.27	16.19	16.15	17.70
15	QPSK	36	20	16.01	15.95	16.21	16.01	16.03	17.70
15	QPSK	36	39	16.09	15.94	16.09	16.03	16.07	17.70
15	QPSK	75	0	16.04	16.07	16.14	16.00	15.99	17.70
15	16QAM	1	0	15.95	15.90	16.15	16.03	15.96	17.70
15	16QAM	1	37	15.92	15.92	16.12	16.05	15.93	17.70
15	16QAM	1	74	16.03	15.84	16.10	16.03	16.02	17.70
15	16QAM	36	0	16.31	16.16	16.26	16.18	16.14	17.70
15	16QAM	36	20	16.00	15.84	16.04	15.93	15.82	17.70
15	16QAM	36	39	16.16	16.07	16.21	16.12	16.08	17.70
15	16QAM	75	0	16.12	16.00	16.19	16.00	16.02	17.70
15	64QAM	1	0	16.19	16.17	16.29	16.04	16.27	17.70
15	64QAM	1	37	15.98	15.90	16.09	15.91	16.05	17.70
15	64QAM	1	74	15.95	15.98	16.09	16.03	15.96	17.70
15	64QAM	36	0	16.08	15.86	16.10	16.09	15.97	17.70
15	64QAM	36	20	15.85	15.94	16.06	16.02	15.83	17.70
15	64QAM	36	39	16.09	16.11	16.28	16.04	16.13	17.70
15	64QAM	75	0	16.12	16.04	16.18	15.99	15.95	17.70
15	256QAM	1	0	16.00	15.92	16.15	15.98	16.01	17.70
15	256QAM	1	37	16.11	16.16	16.20	16.14	16.15	17.70
15	256QAM	1	74	15.96	15.88	16.09	16.08	16.05	17.70
15	256QAM	36	0	15.94	15.94	16.15	15.86	15.84	17.70
15	256QAM	36	20	16.06	16.02	16.29	16.22	16.09	17.70

15	256QAM	36	39	16.05	16.05	16.21	15.98	15.95	17.70
15	256QAM	75	0	16.14	16.07	16.30	16.13	16.01	17.70
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	16.19	16.21	16.33	16.28	16.13	17.70
10	QPSK	1	25	16.14	15.95	16.25	16.11	16.16	17.70
10	QPSK	1	49	16.12	15.97	16.21	16.09	15.97	17.70
10	QPSK	25	0	16.04	16.11	16.20	16.13	16.05	17.70
10	QPSK	25	12	16.04	15.94	16.23	16.00	16.10	17.70
10	QPSK	25	25	16.07	16.00	16.20	16.00	16.06	17.70
10	QPSK	50	0	16.03	15.96	16.09	16.10	15.89	17.70
10	16QAM	1	0	15.97	15.90	16.16	16.04	16.04	17.70
10	16QAM	1	25	15.88	15.93	16.18	16.05	15.98	17.70
10	16QAM	1	49	15.91	15.86	16.05	16.01	15.97	17.70
10	16QAM	25	0	16.27	16.18	16.31	16.28	16.17	17.70
10	16QAM	25	12	15.92	15.86	16.04	15.90	15.83	17.70
10	16QAM	25	25	16.19	15.96	16.21	16.20	16.10	17.70
10	16QAM	50	0	16.01	15.88	16.18	16.11	16.02	17.70
10	64QAM	1	0	16.17	16.19	16.32	16.05	16.16	17.70
10	64QAM	1	25	15.91	15.87	16.07	15.94	15.95	17.70
10	64QAM	1	49	16.02	15.92	16.18	15.99	16.00	17.70
10	64QAM	25	0	16.14	15.99	16.23	16.13	16.07	17.70
10	64QAM	25	12	15.88	15.97	16.11	16.01	15.92	17.70
10	64QAM	25	25	16.07	16.16	16.21	16.11	16.11	17.70
10	64QAM	50	0	15.99	16.04	16.20	15.93	16.04	17.70
10	256QAM	1	0	15.93	15.97	16.18	16.02	15.94	17.70
10	256QAM	1	25	16.12	16.11	16.29	16.14	16.16	17.70
10	256QAM	1	49	15.97	15.93	16.06	16.03	15.98	17.70
10	256QAM	25	0	16.05	15.94	16.12	15.88	15.95	17.70
10	256QAM	25	12	16.07	16.06	16.26	16.15	16.11	17.70
10	256QAM	25	25	16.12	15.99	16.15	15.96	16.06	17.70
10	256QAM	50	0	16.10	16.08	16.20	16.12	16.14	17.70
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	16.16	16.21	16.32	16.25	16.19	17.70
5	QPSK	1	12	16.21	16.02	16.22	16.10	16.14	17.70
5	QPSK	1	24	16.02	16.05	16.21	16.14	16.09	17.70
5	QPSK	12	0	16.07	16.12	16.28	16.11	16.13	17.70
5	QPSK	12	7	16.02	16.04	16.24	16.09	16.10	17.70
5	QPSK	12	13	16.00	15.97	16.14	16.02	16.10	17.70
5	QPSK	25	0	16.00	15.98	16.18	16.05	15.90	17.70
5	16QAM	1	0	15.98	15.87	16.10	16.07	15.96	17.70
5	16QAM	1	12	15.91	15.97	16.07	15.99	15.91	17.70
5	16QAM	1	24	16.01	15.85	16.15	15.94	16.03	17.70
5	16QAM	12	0	16.31	16.07	16.31	16.19	16.25	17.70
5	16QAM	12	7	15.96	15.92	16.09	15.91	15.84	17.70
5	16QAM	12	13	16.19	16.00	16.20	16.18	16.16	17.70
5	16QAM	25	0	16.06	15.87	16.14	16.07	16.01	17.70
5	64QAM	1	0	16.17	16.13	16.27	16.09	16.15	17.70
5	64QAM	1	12	15.96	15.92	16.11	15.92	16.05	17.70
5	64QAM	1	24	16.06	16.03	16.12	16.08	15.96	17.70
5	64QAM	12	0	16.05	15.89	16.21	16.16	16.01	17.70
5	64QAM	12	7	15.85	15.94	16.12	16.04	15.83	17.70
5	64QAM	12	13	16.01	16.14	16.25	16.04	16.11	17.70
5	64QAM	25	0	16.05	15.95	16.18	15.98	16.06	17.70
5	256QAM	1	0	15.95	15.95	16.22	16.06	15.99	17.70
5	256QAM	1	12	16.03	16.05	16.23	16.12	16.19	17.70
5	256QAM	1	24	15.98	15.81	16.19	15.99	16.06	17.70
5	256QAM	12	0	16.07	15.89	16.15	15.89	15.82	17.70
5	256QAM	12	7	16.01	16.03	16.19	16.19	16.11	17.70
5	256QAM	12	13	16.11	15.99	16.12	16.04	16.05	17.70
5	256QAM	25	0	16.17	16.03	16.30	16.14	16.08	17.70

【LTE Band 41__FCC (2496~2690MHz)_Ant
5_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	Tune-up limit (dBm)
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	19.26	19.28	19.37	19.32	19.35	20.70
20	QPSK	1	49	19.11	19.10	19.31	19.14	19.25	20.70
20	QPSK	1	99	19.09	19.06	19.27	19.16	19.24	20.70
20	QPSK	50	0	19.23	19.23	19.35	19.28	19.22	20.70
20	QPSK	50	24	19.09	19.07	19.24	19.16	19.18	20.70
20	QPSK	50	50	19.13	19.17	19.33	19.24	19.18	20.70
20	QPSK	100	0	18.98	19.06	19.17	19.02	19.09	20.70
20	16QAM	1	0	18.96	19.07	19.18	19.03	19.06	20.70
20	16QAM	1	49	19.07	19.10	19.31	19.13	19.21	20.70
20	16QAM	1	99	19.24	19.14	19.38	19.26	19.29	20.70
20	16QAM	50	0	19.17	19.22	19.35	19.23	19.21	20.70
20	16QAM	50	24	19.10	19.13	19.27	19.17	19.21	20.70
20	16QAM	50	50	18.98	19.04	19.23	19.05	19.16	20.70
20	16QAM	100	0	18.95	18.97	19.20	19.07	19.07	20.70
20	64QAM	1	0	19.11	19.06	19.24	19.17	19.12	20.70
20	64QAM	1	49	19.20	19.15	19.38	19.27	19.22	20.70
20	64QAM	1	99	19.08	19.02	19.21	19.14	19.16	20.70
20	64QAM	50	0	19.08	19.13	19.23	19.07	19.14	20.70
20	64QAM	50	24	19.12	19.27	19.38	19.18	19.26	20.70
20	64QAM	50	50	19.11	19.10	19.32	19.13	19.17	20.70
20	64QAM	100	0	19.13	19.06	19.28	19.09	19.24	20.70
20	256QAM	1	0	19.06	19.09	19.21	19.13	19.14	20.70
20	256QAM	1	49	19.09	19.15	19.25	19.10	19.10	20.70
20	256QAM	1	99	19.01	19.03	19.26	19.12	19.10	20.70
20	256QAM	50	0	19.10	19.12	19.23	19.07	19.13	20.70
20	256QAM	50	24	18.97	18.99	19.16	19.05	18.99	20.70
20	256QAM	50	50	19.03	18.99	19.22	19.14	19.13	20.70
20	256QAM	100	0	19.04	19.14	19.26	19.19	19.13	20.70
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	19.16	19.18	19.29	19.26	19.22	20.70
15	QPSK	1	37	19.04	19.06	19.25	19.08	19.10	20.70
15	QPSK	1	74	18.94	18.97	19.13	19.01	19.10	20.70
15	QPSK	36	0	19.22	19.06	19.27	19.16	19.13	20.70
15	QPSK	36	20	19.02	18.93	19.11	19.04	19.10	20.70
15	QPSK	36	39	19.12	19.05	19.29	19.21	19.11	20.70
15	QPSK	75	0	18.90	19.02	19.16	18.99	19.07	20.70
15	16QAM	1	0	18.82	18.99	19.15	18.99	19.03	20.70
15	16QAM	1	37	19.01	19.06	19.23	19.07	19.06	20.70
15	16QAM	1	74	19.18	19.02	19.28	19.17	19.15	20.70
15	16QAM	36	0	19.02	19.16	19.28	19.12	19.09	20.70
15	16QAM	36	20	19.04	18.99	19.20	19.07	19.19	20.70
15	16QAM	36	39	18.89	19.00	19.09	18.94	19.14	20.70
15	16QAM	75	0	18.91	18.83	19.08	18.98	19.02	20.70
15	64QAM	1	0	19.06	18.91	19.13	19.14	18.98	20.70
15	64QAM	1	37	19.06	19.13	19.28	19.18	19.16	20.70
15	64QAM	1	74	18.94	18.96	19.17	19.09	19.02	20.70
15	64QAM	36	0	18.97	18.99	19.11	18.93	19.00	20.70
15	64QAM	36	20	19.04	19.13	19.25	19.08	19.12	20.70
15	64QAM	36	39	19.00	19.04	19.21	19.01	19.13	20.70
15	64QAM	75	0	19.02	18.97	19.24	18.96	19.16	20.70
15	256QAM	1	0	18.96	19.05	19.11	19.00	19.09	20.70
15	256QAM	1	37	19.02	19.12	19.18	19.07	19.06	20.70
15	256QAM	1	74	18.95	18.89	19.23	19.03	18.97	20.70
15	256QAM	36	0	19.06	19.05	19.13	18.95	18.99	20.70
15	256QAM	36	20	18.86	18.95	19.08	19.01	18.92	20.70
15	256QAM	36	39	18.91	18.95	19.14	19.11	19.08	20.70
15	256QAM	75	0	18.97	19.07	19.21	19.12	19.03	20.70
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	19.23	19.21	19.26	19.27	19.33	20.70
10	QPSK	1	25	18.97	19.09	19.18	19.10	19.16	20.70
10	QPSK	1	49	19.07	19.04	19.12	19.14	19.20	20.70

10	QPSK	25	0	19.12	18.99	19.29	19.16	19.14	20.70
10	QPSK	25	12	18.98	19.02	19.22	19.09	19.08	20.70
10	QPSK	25	25	19.04	19.05	19.31	19.16	19.10	20.70
10	QPSK	50	0	18.92	18.99	19.11	18.91	18.99	20.70
10	16QAM	1	0	18.89	18.95	19.14	18.93	18.97	20.70
10	16QAM	1	25	18.95	19.02	19.21	19.05	19.07	20.70
10	16QAM	1	49	19.19	19.01	19.27	19.22	19.22	20.70
10	16QAM	25	0	19.10	19.08	19.33	19.14	19.07	20.70
10	16QAM	25	12	19.01	19.01	19.19	19.12	19.15	20.70
10	16QAM	25	25	18.87	18.89	19.19	18.93	19.04	20.70
10	16QAM	50	0	18.82	18.87	19.10	18.94	18.93	20.70
10	64QAM	1	0	19.04	18.99	19.20	19.11	19.00	20.70
10	64QAM	1	25	19.15	19.03	19.32	19.25	19.09	20.70
10	64QAM	1	49	19.02	18.94	19.17	19.05	19.02	20.70
10	64QAM	25	0	18.96	19.02	19.21	19.06	19.12	20.70
10	64QAM	25	12	18.97	19.20	19.30	19.07	19.24	20.70
10	64QAM	25	25	19.06	19.02	19.17	19.11	19.04	20.70
10	64QAM	50	0	19.04	19.04	19.16	18.98	19.13	20.70
10	256QAM	1	0	18.96	19.06	19.10	19.10	18.99	20.70
10	256QAM	1	25	19.02	19.12	19.20	18.96	19.06	20.70
10	256QAM	1	49	18.90	19.02	19.24	19.06	19.07	20.70
10	256QAM	25	0	18.99	19.06	19.13	18.94	19.01	20.70
10	256QAM	25	12	18.94	18.94	19.01	19.01	18.88	20.70
10	256QAM	25	25	19.02	18.95	19.07	19.11	19.03	20.70
10	256QAM	50	0	19.00	19.09	19.15	19.18	18.98	20.70
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	19.17	19.19	19.25	19.25	19.20	20.70
5	QPSK	1	12	19.04	19.09	19.23	19.13	19.17	20.70
5	QPSK	1	24	19.01	19.01	19.22	19.15	19.23	20.70
5	QPSK	12	0	19.15	18.99	19.31	19.17	19.10	20.70
5	QPSK	12	7	19.00	18.95	19.22	19.11	19.04	20.70
5	QPSK	12	13	19.07	19.03	19.23	19.11	19.12	20.70
5	QPSK	25	0	18.96	19.02	19.15	18.88	18.97	20.70
5	16QAM	1	0	18.86	19.03	19.10	18.98	18.94	20.70
5	16QAM	1	12	19.04	19.05	19.27	19.07	19.12	20.70
5	16QAM	1	24	19.18	19.08	19.29	19.18	19.26	20.70
5	16QAM	12	0	19.14	19.20	19.20	19.19	19.11	20.70
5	16QAM	12	7	18.99	19.03	19.22	19.09	19.16	20.70
5	16QAM	12	13	18.84	18.92	19.22	18.99	19.12	20.70
5	16QAM	25	0	18.93	18.91	19.12	18.95	19.02	20.70
5	64QAM	1	0	19.07	18.94	19.22	19.12	18.99	20.70
5	64QAM	1	12	19.11	19.07	19.37	19.18	19.14	20.70
5	64QAM	1	24	19.07	18.92	19.11	19.11	19.08	20.70
5	64QAM	12	0	19.00	19.08	19.14	19.04	19.03	20.70
5	64QAM	12	7	19.09	19.19	19.32	19.14	19.22	20.70
5	64QAM	12	13	19.07	19.08	19.22	19.02	19.15	20.70
5	64QAM	25	0	19.12	18.94	19.20	19.04	19.20	20.70
5	256QAM	1	0	18.97	18.95	19.15	18.98	19.00	20.70
5	256QAM	1	12	19.00	19.02	19.24	18.98	18.97	20.70
5	256QAM	1	24	18.87	18.99	19.16	19.02	18.96	20.70
5	256QAM	12	0	19.05	19.06	19.17	18.98	19.05	20.70
5	256QAM	12	7	18.86	18.85	19.03	18.99	18.88	20.70
5	256QAM	12	13	18.92	18.87	19.12	19.07	19.00	20.70
5	256QAM	25	0	18.99	19.07	19.20	19.10	19.02	20.70

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

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	24.23	24.25	24.27	24.19	24.15	25.70
20	QPSK	1	49	24.05	24.04	24.17	24.05	23.93	25.70
20	QPSK	1	99	23.84	23.86	23.96	23.82	23.75	25.70
20	QPSK	50	0	23.14	23.05	23.20	23.10	22.99	24.70
20	QPSK	50	24	23.00	23.06	23.14	22.94	22.99	24.70
20	QPSK	50	50	23.09	23.08	23.19	23.06	23.00	24.70

20	QPSK	100	0	22.96	23.05	23.14	22.94	22.95	24.70
20	16QAM	1	0	23.12	23.10	23.19	23.06	23.04	24.70
20	16QAM	1	49	23.33	23.23	23.38	23.28	23.16	24.70
20	16QAM	1	99	23.14	23.08	23.20	23.01	23.05	24.70
20	16QAM	50	0	22.07	22.03	22.19	22.03	22.06	23.70
20	16QAM	50	24	22.16	22.15	22.29	22.09	22.10	23.70
20	16QAM	50	50	22.07	22.16	22.22	22.10	21.97	23.70
20	16QAM	100	0	22.07	22.04	22.19	22.08	21.97	23.70
20	64QAM	1	0	22.04	22.14	22.18	22.06	22.00	23.70
20	64QAM	1	49	22.10	22.15	22.27	22.18	22.11	23.70
20	64QAM	1	99	22.16	22.16	22.23	22.13	21.98	23.70
20	64QAM	50	0	20.96	21.05	21.12	20.99	20.96	22.70
20	64QAM	50	24	21.25	21.27	21.33	21.24	21.12	22.70
20	64QAM	50	50	20.95	21.01	21.04	20.89	20.83	22.70
20	64QAM	100	0	21.16	21.15	21.21	21.05	21.03	22.70
20	256QAM	1	0	19.07	19.05	19.13	19.03	18.96	20.70
20	256QAM	1	49	18.97	18.88	19.03	18.82	18.83	20.70
20	256QAM	1	99	19.01	19.12	19.17	18.96	18.99	20.70
20	256QAM	50	0	19.11	19.16	19.28	19.09	19.15	20.70
20	256QAM	50	24	18.96	18.99	19.09	18.97	18.92	20.70
20	256QAM	50	50	19.12	19.09	19.21	19.10	19.09	20.70
20	256QAM	100	0	19.30	19.33	19.36	19.22	19.12	20.70
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	24.08	24.20	24.24	24.17	24.08	25.70
15	QPSK	1	37	23.96	24.02	24.06	23.94	23.88	25.70
15	QPSK	1	74	23.77	23.75	23.91	23.70	23.62	25.70
15	QPSK	36	0	23.04	23.02	23.14	22.98	22.87	24.70
15	QPSK	36	20	22.87	22.95	23.03	22.89	22.93	24.70
15	QPSK	36	39	22.99	23.01	23.07	22.93	22.99	24.70
15	QPSK	75	0	22.83	22.93	23.07	22.90	22.90	24.70
15	16QAM	1	0	23.09	23.00	23.15	23.01	22.95	24.70
15	16QAM	1	37	23.28	23.13	23.30	23.16	23.07	24.70
15	16QAM	1	74	23.01	22.96	23.12	22.97	23.00	24.70
15	16QAM	36	0	21.93	22.00	22.06	21.90	21.94	23.70
15	16QAM	36	20	22.03	22.10	22.18	22.02	21.96	23.70
15	16QAM	36	39	21.94	22.06	22.15	22.08	21.85	23.70
15	16QAM	75	0	22.05	21.98	22.05	22.07	21.95	23.70
15	64QAM	1	0	22.02	22.11	22.11	21.98	21.90	23.70
15	64QAM	1	37	22.09	22.03	22.18	22.13	22.07	23.70
15	64QAM	1	74	22.05	22.06	22.11	22.09	21.91	23.70
15	64QAM	36	0	20.94	20.99	21.05	20.97	20.92	22.70
15	64QAM	36	20	21.17	21.24	21.23	21.11	21.01	22.70
15	64QAM	36	39	20.93	20.95	21.01	20.75	20.75	22.70
15	64QAM	75	0	21.02	21.02	21.12	21.02	21.00	22.70
15	256QAM	1	0	18.98	18.99	19.06	19.01	18.94	20.70
15	256QAM	1	37	18.86	18.84	18.89	18.77	18.77	20.70
15	256QAM	1	74	18.88	19.02	19.08	18.88	18.92	20.70
15	256QAM	36	0	19.05	19.04	19.14	19.06	19.01	20.70
15	256QAM	36	20	18.94	18.95	18.94	18.94	18.85	20.70
15	256QAM	36	39	19.06	18.95	19.08	19.05	19.04	20.70
15	256QAM	75	0	19.17	19.30	19.30	19.11	19.07	20.70
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	24.12	24.19	24.20	24.11	24.08	25.70
10	QPSK	1	25	23.90	23.96	24.07	23.92	23.92	25.70
10	QPSK	1	49	23.71	23.85	23.89	23.76	23.67	25.70
10	QPSK	25	0	23.00	22.96	23.11	22.96	22.90	24.70
10	QPSK	25	12	22.99	22.97	23.03	22.86	22.92	24.70
10	QPSK	25	25	22.99	23.04	23.13	22.97	22.87	24.70
10	QPSK	50	0	22.89	22.93	23.00	22.80	22.91	24.70
10	16QAM	1	0	23.10	22.96	23.06	23.00	22.90	24.70
10	16QAM	1	25	23.19	23.11	23.36	23.15	23.05	24.70
10	16QAM	1	49	22.99	22.94	23.09	22.98	22.95	24.70
10	16QAM	25	0	21.93	21.88	22.13	21.91	22.00	23.70
10	16QAM	25	12	22.13	22.10	22.27	22.03	21.97	23.70
10	16QAM	25	25	21.97	22.02	22.14	22.00	21.87	23.70
10	16QAM	50	0	22.00	22.00	22.15	22.02	21.93	23.70
10	64QAM	1	0	21.94	22.06	22.12	22.01	21.90	23.70
10	64QAM	1	25	22.00	22.12	22.22	22.16	22.06	23.70
10	64QAM	1	49	22.01	22.04	22.21	22.09	21.96	23.70
10	64QAM	25	0	20.91	20.96	21.02	20.93	20.87	22.70
10	64QAM	25	12	21.11	21.19	21.23	21.12	21.05	22.70

10	64QAM	25	25	20.86	20.93	21.03	20.78	20.70	22.70
10	64QAM	50	0	21.11	21.08	21.17	21.01	20.88	22.70
10	256QAM	1	0	18.94	18.91	19.12	18.94	18.83	20.70
10	256QAM	1	25	18.96	18.75	18.90	18.79	18.77	20.70
10	256QAM	1	49	19.00	19.08	19.03	18.93	18.85	20.70
10	256QAM	25	0	19.08	19.06	19.20	18.94	19.06	20.70
10	256QAM	25	12	18.84	18.97	18.95	18.87	18.86	20.70
10	256QAM	25	25	19.09	19.00	19.10	19.02	19.04	20.70
10	256QAM	50	0	19.25	19.24	19.34	19.15	19.01	20.70
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	24.10	24.13	24.25	24.16	24.01	25.70
5	QPSK	1	12	23.98	24.03	24.12	23.99	23.91	25.70
5	QPSK	1	24	23.82	23.83	23.87	23.78	23.69	25.70
5	QPSK	12	0	23.06	23.00	23.09	23.02	22.87	24.70
5	QPSK	12	7	22.90	23.02	23.08	22.84	22.94	24.70
5	QPSK	12	13	22.95	22.96	23.09	23.00	22.92	24.70
5	QPSK	25	0	22.88	22.97	23.11	22.87	22.89	24.70
5	16QAM	1	0	23.11	23.03	23.15	22.99	22.92	24.70
5	16QAM	1	12	23.21	23.11	23.26	23.20	23.01	24.70
5	16QAM	1	24	23.00	23.06	23.07	22.95	22.92	24.70
5	16QAM	12	0	21.98	21.93	22.05	21.92	22.03	23.70
5	16QAM	12	7	22.03	22.09	22.24	21.99	22.03	23.70
5	16QAM	12	13	21.95	22.14	22.13	22.02	21.84	23.70
5	16QAM	25	0	21.95	21.98	22.16	22.01	21.90	23.70
5	64QAM	1	0	21.96	22.12	22.07	22.05	21.87	23.70
5	64QAM	1	12	22.08	22.09	22.24	22.12	22.06	23.70
5	64QAM	1	24	22.11	22.12	22.21	22.03	21.87	23.70
5	64QAM	12	0	20.85	20.92	21.03	20.94	20.90	22.70
5	64QAM	12	7	21.21	21.23	21.19	21.19	21.05	22.70
5	64QAM	12	13	20.89	20.97	20.93	20.81	20.71	22.70
5	64QAM	25	0	21.11	21.02	21.15	20.92	20.98	22.70
5	256QAM	1	0	19.00	19.00	19.09	18.93	18.86	20.70
5	256QAM	1	12	18.88	18.75	18.92	18.77	18.81	20.70
5	256QAM	1	24	18.91	19.11	19.11	18.93	18.96	20.70
5	256QAM	12	0	19.05	19.06	19.25	19.08	19.02	20.70
5	256QAM	12	7	18.90	18.88	19.07	18.94	18.91	20.70
5	256QAM	12	13	19.00	19.06	19.07	19.09	19.04	20.70
5	256QAM	25	0	19.19	19.22	19.23	19.16	19.06	20.70

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

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	16.30	16.23	16.35	16.31	16.28	17.70
20	QPSK	1	49	16.24	16.10	16.30	16.19	16.20	17.70
20	QPSK	1	99	16.14	16.09	16.32	16.18	16.11	17.70
20	QPSK	50	0	16.24	16.17	16.33	16.26	16.19	17.70
20	QPSK	50	24	16.16	16.07	16.30	16.13	16.16	17.70
20	QPSK	50	50	16.11	16.03	16.22	16.05	16.11	17.70
20	QPSK	100	0	16.07	16.08	16.22	16.15	16.00	17.70
20	16QAM	1	0	16.08	15.99	16.23	16.12	16.07	17.70
20	16QAM	1	49	16.02	16.04	16.21	16.12	16.05	17.70
20	16QAM	1	99	16.06	15.94	16.16	16.08	16.08	17.70
20	16QAM	50	0	16.33	16.20	16.39	16.32	16.29	17.70
20	16QAM	50	24	16.03	15.96	16.15	15.99	15.93	17.70
20	16QAM	50	50	16.20	16.10	16.32	16.26	16.21	17.70
20	16QAM	100	0	16.15	16.02	16.24	16.13	16.15	17.70
20	64QAM	1	0	16.22	16.21	16.38	16.19	16.29	17.70
20	64QAM	1	49	16.01	16.00	16.17	16.01	16.06	17.70
20	64QAM	1	99	16.09	16.04	16.20	16.13	16.08	17.70
20	64QAM	50	0	16.16	16.01	16.25	16.18	16.09	17.70
20	64QAM	50	24	15.97	16.04	16.17	16.11	15.96	17.70
20	64QAM	50	50	16.11	16.17	16.30	16.14	16.21	17.70
20	64QAM	100	0	16.14	16.08	16.25	16.06	16.08	17.70
20	256QAM	1	0	16.07	16.05	16.26	16.09	16.05	17.70

20	256QAM	1	49	16.15	16.19	16.33	16.18	16.23	17.70
20	256QAM	1	99	16.06	15.95	16.21	16.11	16.07	17.70
20	256QAM	50	0	16.08	15.95	16.16	16.00	15.97	17.70
20	256QAM	50	24	16.16	16.08	16.33	16.25	16.24	17.70
20	256QAM	50	50	16.16	16.07	16.22	16.09	16.09	17.70
20	256QAM	100	0	16.22	16.15	16.35	16.19	16.16	17.70
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	16.19	16.14	16.34	16.29	16.24	17.70
15	QPSK	1	37	16.11	16.06	16.22	16.05	16.11	17.70
15	QPSK	1	74	16.11	15.96	16.18	16.06	16.00	17.70
15	QPSK	36	0	16.03	16.14	16.27	16.19	16.15	17.70
15	QPSK	36	20	16.01	15.95	16.21	16.01	16.03	17.70
15	QPSK	36	39	16.09	15.94	16.09	16.03	16.07	17.70
15	QPSK	75	0	16.04	16.07	16.14	16.00	15.99	17.70
15	16QAM	1	0	15.95	15.90	16.15	16.03	15.96	17.70
15	16QAM	1	37	15.92	15.92	16.12	16.05	15.93	17.70
15	16QAM	1	74	16.03	15.84	16.10	16.03	16.02	17.70
15	16QAM	36	0	16.31	16.16	16.26	16.18	16.14	17.70
15	16QAM	36	20	16.00	15.84	16.04	15.93	15.82	17.70
15	16QAM	36	39	16.16	16.07	16.21	16.12	16.08	17.70
15	16QAM	75	0	16.12	16.00	16.19	16.00	16.02	17.70
15	64QAM	1	0	16.19	16.17	16.29	16.04	16.27	17.70
15	64QAM	1	37	15.98	15.90	16.09	15.91	16.05	17.70
15	64QAM	1	74	15.95	15.98	16.09	16.03	15.96	17.70
15	64QAM	36	0	16.08	15.86	16.10	16.09	15.97	17.70
15	64QAM	36	20	15.85	15.94	16.06	16.02	15.83	17.70
15	64QAM	36	39	16.09	16.11	16.28	16.04	16.13	17.70
15	64QAM	75	0	16.12	16.04	16.18	15.99	15.95	17.70
15	256QAM	1	0	16.00	15.92	16.15	15.98	16.01	17.70
15	256QAM	1	37	16.11	16.16	16.20	16.14	16.15	17.70
15	256QAM	1	74	15.96	15.88	16.09	16.08	16.05	17.70
15	256QAM	36	0	15.94	15.94	16.15	15.86	15.84	17.70
15	256QAM	36	20	16.06	16.02	16.29	16.22	16.09	17.70
15	256QAM	36	39	16.05	16.05	16.21	15.98	15.95	17.70
15	256QAM	75	0	16.14	16.07	16.30	16.13	16.01	17.70
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	16.19	16.21	16.33	16.28	16.13	17.70
10	QPSK	1	25	16.14	15.95	16.25	16.11	16.16	17.70
10	QPSK	1	49	16.12	15.97	16.21	16.09	15.97	17.70
10	QPSK	25	0	16.04	16.11	16.20	16.13	16.05	17.70
10	QPSK	25	12	16.04	15.94	16.23	16.00	16.10	17.70
10	QPSK	25	25	16.07	16.00	16.20	16.00	16.06	17.70
10	QPSK	50	0	16.03	15.96	16.09	16.10	15.89	17.70
10	16QAM	1	0	15.97	15.90	16.16	16.04	16.04	17.70
10	16QAM	1	25	15.88	15.93	16.18	16.05	15.98	17.70
10	16QAM	1	49	15.91	15.86	16.05	16.01	15.97	17.70
10	16QAM	25	0	16.27	16.18	16.31	16.28	16.17	17.70
10	16QAM	25	12	15.92	15.86	16.04	15.90	15.83	17.70
10	16QAM	25	25	16.19	15.96	16.21	16.20	16.10	17.70
10	16QAM	50	0	16.01	15.88	16.18	16.11	16.02	17.70
10	64QAM	1	0	16.17	16.19	16.32	16.05	16.16	17.70
10	64QAM	1	25	15.91	15.87	16.07	15.94	15.95	17.70
10	64QAM	1	49	16.02	15.92	16.18	15.99	16.00	17.70
10	64QAM	25	0	16.14	15.99	16.23	16.13	16.07	17.70
10	64QAM	25	12	15.88	15.97	16.11	16.01	15.92	17.70
10	64QAM	25	25	16.07	16.16	16.21	16.11	16.11	17.70
10	64QAM	50	0	15.99	16.04	16.20	15.93	16.04	17.70
10	256QAM	1	0	15.93	15.97	16.18	16.02	15.94	17.70
10	256QAM	1	25	16.12	16.11	16.29	16.14	16.16	17.70
10	256QAM	1	49	15.97	15.93	16.06	16.03	15.98	17.70
10	256QAM	25	0	16.05	15.94	16.12	15.88	15.95	17.70
10	256QAM	25	12	16.07	16.06	16.26	16.15	16.11	17.70
10	256QAM	25	25	16.12	15.99	16.15	15.96	16.06	17.70
10	256QAM	50	0	16.10	16.08	16.20	16.12	16.14	17.70
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	16.16	16.21	16.32	16.25	16.19	17.70
5	QPSK	1	12	16.21	16.02	16.22	16.10	16.14	17.70
5	QPSK	1	24	16.02	16.05	16.21	16.14	16.09	17.70
5	QPSK	12	0	16.07	16.12	16.28	16.11	16.13	17.70

5	QPSK	12	7	16.02	16.04	16.24	16.09	16.10	17.70
5	QPSK	12	13	16.00	15.97	16.14	16.02	16.10	17.70
5	QPSK	25	0	16.00	15.98	16.18	16.05	15.90	17.70
5	16QAM	1	0	15.98	15.87	16.10	16.07	15.96	17.70
5	16QAM	1	12	15.91	15.97	16.07	15.99	15.91	17.70
5	16QAM	1	24	16.01	15.85	16.15	15.94	16.03	17.70
5	16QAM	12	0	16.31	16.07	16.31	16.19	16.25	17.70
5	16QAM	12	7	15.96	15.92	16.09	15.91	15.84	17.70
5	16QAM	12	13	16.19	16.00	16.20	16.18	16.16	17.70
5	16QAM	25	0	16.06	15.87	16.14	16.07	16.01	17.70
5	64QAM	1	0	16.17	16.13	16.27	16.09	16.15	17.70
5	64QAM	1	12	15.96	15.92	16.11	15.92	16.05	17.70
5	64QAM	1	24	16.06	16.03	16.12	16.08	15.96	17.70
5	64QAM	12	0	16.05	15.89	16.21	16.16	16.01	17.70
5	64QAM	12	7	15.85	15.94	16.12	16.04	15.83	17.70
5	64QAM	12	13	16.01	16.14	16.25	16.04	16.11	17.70
5	64QAM	25	0	16.05	15.95	16.18	15.98	16.06	17.70
5	256QAM	1	0	15.95	15.95	16.22	16.06	15.99	17.70
5	256QAM	1	12	16.03	16.05	16.23	16.12	16.19	17.70
5	256QAM	1	24	15.98	15.81	16.19	15.99	16.06	17.70
5	256QAM	12	0	16.07	15.89	16.15	15.89	15.82	17.70
5	256QAM	12	7	16.01	16.03	16.19	16.19	16.11	17.70
5	256QAM	12	13	16.11	15.99	16.12	16.04	16.05	17.70
5	256QAM	25	0	16.17	16.03	16.30	16.14	16.08	17.70

【LTE Band 41_FCC (2496~2690MHz)_Ant
6_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	24.51	24.56	24.59	24.49	24.32	25.50
20	QPSK	1	49	24.15	24.30	24.38	24.20	24.09	25.50
20	QPSK	1	99	24.15	24.22	24.28	24.09	23.88	25.50
20	QPSK	50	0	23.29	23.35	23.43	23.31	23.12	24.50
20	QPSK	50	24	23.22	23.16	23.31	23.12	22.96	24.50
20	QPSK	50	50	23.20	23.27	23.41	23.20	23.05	24.50
20	QPSK	100	0	23.13	23.18	23.30	23.13	22.93	24.50
20	16QAM	1	0	23.19	23.31	23.39	23.20	23.07	24.50
20	16QAM	1	49	23.24	23.42	23.46	23.29	23.17	24.50
20	16QAM	1	99	23.05	23.14	23.22	23.06	22.89	24.50
20	16QAM	50	0	21.97	22.03	22.19	22.02	21.89	23.50
20	16QAM	50	24	22.45	22.50	22.59	22.41	22.22	23.50
20	16QAM	50	50	22.14	22.30	22.35	22.22	22.03	23.50
20	16QAM	100	0	22.14	22.13	22.27	22.11	21.92	23.50
20	64QAM	1	0	22.30	22.25	22.39	22.21	22.12	23.50
20	64QAM	1	49	22.45	22.46	22.53	22.30	22.20	23.50
20	64QAM	1	99	22.29	22.24	22.40	22.30	22.01	23.50
20	64QAM	50	0	21.25	21.28	21.35	21.21	21.07	22.50
20	64QAM	50	24	21.31	21.37	21.51	21.33	21.14	22.50
20	64QAM	50	50	21.10	21.21	21.29	21.19	20.93	22.50
20	64QAM	100	0	21.43	21.50	21.57	21.34	21.20	22.50
20	256QAM	1	0	19.55	19.57	19.62	19.50	19.30	20.50
20	256QAM	1	49	19.80	19.76	19.88	19.70	19.63	20.50
20	256QAM	1	99	19.02	18.97	19.12	18.93	18.86	20.50
20	256QAM	50	0	19.12	19.13	19.29	19.11	18.97	20.50
20	256QAM	50	24	19.24	19.26	19.36	19.27	19.11	20.50
20	256QAM	50	50	19.05	19.11	19.19	19.01	18.84	20.50
20	256QAM	100	0	19.48	19.55	19.63	19.47	19.35	20.50
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	24.50	24.47	24.47	24.45	24.21	25.50
15	QPSK	1	37	24.05	24.22	24.35	24.06	24.04	25.50
15	QPSK	1	74	24.02	24.21	24.22	24.05	23.78	25.50
15	QPSK	36	0	23.22	23.22	23.37	23.26	23.05	24.50
15	QPSK	36	20	23.18	23.14	23.16	23.09	22.95	24.50
15	QPSK	36	39	23.05	23.16	23.29	23.07	23.04	24.50
15	QPSK	75	0	23.07	23.16	23.16	23.04	22.89	24.50

15	16QAM	1	0	23.05	23.22	23.28	23.12	23.02	24.50
15	16QAM	1	37	23.16	23.35	23.36	23.17	23.05	24.50
15	16QAM	1	74	23.00	23.11	23.12	23.00	22.79	24.50
15	16QAM	36	0	21.84	21.90	22.10	22.00	21.76	23.50
15	16QAM	36	20	22.43	22.42	22.52	22.39	22.08	23.50
15	16QAM	36	39	22.02	22.15	22.24	22.09	21.99	23.50
15	16QAM	75	0	22.01	22.02	22.25	22.06	21.82	23.50
15	64QAM	1	0	22.28	22.18	22.25	22.16	22.02	23.50
15	64QAM	1	37	22.36	22.39	22.40	22.22	22.14	23.50
15	64QAM	1	74	22.25	22.14	22.33	22.16	21.98	23.50
15	64QAM	36	0	21.12	21.14	21.30	21.08	21.02	22.50
15	64QAM	36	20	21.18	21.26	21.40	21.27	21.06	22.50
15	64QAM	36	39	21.09	21.08	21.17	21.11	20.84	22.50
15	64QAM	75	0	21.37	21.45	21.55	21.31	21.16	22.50
15	256QAM	1	0	19.51	19.47	19.58	19.38	19.28	20.50
15	256QAM	1	37	19.74	19.64	19.84	19.56	19.53	20.50
15	256QAM	1	74	18.96	18.92	18.99	18.82	18.73	20.50
15	256QAM	36	0	18.99	19.09	19.15	19.08	18.93	20.50
15	256QAM	36	20	19.17	19.22	19.33	19.24	18.97	20.50
15	256QAM	36	39	18.91	19.02	19.11	18.97	18.73	20.50
15	256QAM	75	0	19.43	19.44	19.51	19.41	19.26	20.50
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	24.49	24.45	24.46	24.44	24.18	25.50
10	QPSK	1	25	24.04	24.23	24.30	24.07	24.05	25.50
10	QPSK	1	49	24.13	24.20	24.15	23.94	23.79	25.50
10	QPSK	25	0	23.26	23.23	23.31	23.23	23.05	24.50
10	QPSK	25	12	23.11	23.12	23.18	23.04	22.88	24.50
10	QPSK	25	25	23.10	23.19	23.36	23.19	23.04	24.50
10	QPSK	50	0	23.06	23.12	23.18	23.06	22.82	24.50
10	16QAM	1	0	23.11	23.20	23.25	23.05	23.03	24.50
10	16QAM	1	25	23.19	23.36	23.33	23.22	23.11	24.50
10	16QAM	1	49	22.98	23.12	23.21	23.03	22.77	24.50
10	16QAM	25	0	21.93	21.99	22.10	21.91	21.77	23.50
10	16QAM	25	12	22.33	22.47	22.48	22.35	22.10	23.50
10	16QAM	25	25	22.12	22.23	22.27	22.21	22.01	23.50
10	16QAM	50	0	22.07	21.98	22.15	22.09	21.87	23.50
10	64QAM	1	0	22.29	22.15	22.36	22.17	22.11	23.50
10	64QAM	1	25	22.32	22.42	22.44	22.16	22.12	23.50
10	64QAM	1	49	22.28	22.14	22.27	22.17	21.86	23.50
10	64QAM	25	0	21.10	21.26	21.24	21.19	21.03	22.50
10	64QAM	25	12	21.17	21.24	21.42	21.24	21.01	22.50
10	64QAM	25	25	21.02	21.14	21.21	21.07	20.81	22.50
10	64QAM	50	0	21.41	21.40	21.52	21.32	21.09	22.50
10	256QAM	1	0	19.44	19.45	19.61	19.45	19.19	20.50
10	256QAM	1	25	19.70	19.64	19.82	19.58	19.56	20.50
10	256QAM	1	49	18.87	18.94	19.10	18.85	18.76	20.50
10	256QAM	25	0	19.09	19.04	19.26	19.06	18.88	20.50
10	256QAM	25	12	19.15	19.24	19.33	19.14	19.07	20.50
10	256QAM	25	25	19.02	19.02	19.11	18.98	18.70	20.50
10	256QAM	50	0	19.47	19.52	19.50	19.37	19.23	20.50
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	24.43	24.45	24.51	24.44	24.19	25.50
5	QPSK	1	12	24.00	24.18	24.27	24.14	23.96	25.50
5	QPSK	1	24	24.04	24.16	24.26	24.05	23.79	25.50
5	QPSK	12	0	23.27	23.21	23.39	23.28	22.99	24.50
5	QPSK	12	7	23.16	23.09	23.27	23.09	22.94	24.50
5	QPSK	12	13	23.15	23.25	23.33	23.06	22.99	24.50
5	QPSK	25	0	23.03	23.06	23.17	23.05	22.83	24.50
5	16QAM	1	0	23.08	23.21	23.34	23.08	23.02	24.50
5	16QAM	1	12	23.10	23.40	23.37	23.15	23.16	24.50
5	16QAM	1	24	23.00	23.04	23.09	22.96	22.80	24.50
5	16QAM	12	0	21.90	22.01	22.12	21.89	21.86	23.50
5	16QAM	12	7	22.35	22.35	22.54	22.28	22.09	23.50
5	16QAM	12	13	22.08	22.28	22.30	22.17	21.99	23.50
5	16QAM	25	0	22.04	22.03	22.24	22.02	21.91	23.50
5	64QAM	1	0	22.19	22.13	22.27	22.14	21.97	23.50
5	64QAM	1	12	22.33	22.42	22.49	22.24	22.12	23.50
5	64QAM	1	24	22.28	22.11	22.26	22.25	21.99	23.50
5	64QAM	12	0	21.16	21.21	21.28	21.08	21.05	22.50
5	64QAM	12	7	21.30	21.23	21.47	21.22	21.06	22.50
5	64QAM	12	13	21.06	21.16	21.18	21.14	20.78	22.50

5	64QAM	25	0	21.35	21.46	21.43	21.24	21.12	22.50
5	256QAM	1	0	19.46	19.53	19.61	19.41	19.28	20.50
5	256QAM	1	12	19.77	19.66	19.73	19.67	19.62	20.50
5	256QAM	1	24	18.88	18.96	18.97	18.89	18.76	20.50
5	256QAM	12	0	19.09	19.12	19.17	18.98	18.85	20.50
5	256QAM	12	7	19.09	19.20	19.25	19.21	18.99	20.50
5	256QAM	12	13	19.01	19.04	19.12	18.99	18.73	20.50
5	256QAM	25	0	19.35	19.52	19.53	19.34	19.27	20.50

【LTE Band 41_FCC (2496~2690MHz)_Ant
6_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	Tune-up limit (dBm)
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	24.51	24.56	24.59	24.49	24.32	25.50
20	QPSK	1	49	24.15	24.30	24.38	24.20	24.09	25.50
20	QPSK	1	99	24.15	24.22	24.28	24.09	23.88	25.50
20	QPSK	50	0	23.29	23.35	23.43	23.31	23.12	24.50
20	QPSK	50	24	23.22	23.16	23.31	23.12	22.96	24.50
20	QPSK	50	50	23.20	23.27	23.41	23.20	23.05	24.50
20	QPSK	100	0	23.13	23.18	23.30	23.13	22.93	24.50
20	16QAM	1	0	23.19	23.31	23.39	23.20	23.07	24.50
20	16QAM	1	49	23.24	23.42	23.46	23.29	23.17	24.50
20	16QAM	1	99	23.05	23.14	23.22	23.06	22.89	24.50
20	16QAM	50	0	21.97	22.03	22.19	22.02	21.89	23.50
20	16QAM	50	24	22.45	22.50	22.59	22.41	22.22	23.50
20	16QAM	50	50	22.14	22.30	22.35	22.22	22.03	23.50
20	16QAM	100	0	22.14	22.13	22.27	22.11	21.92	23.50
20	64QAM	1	0	22.30	22.25	22.39	22.21	22.12	23.50
20	64QAM	1	49	22.45	22.46	22.53	22.30	22.20	23.50
20	64QAM	1	99	22.29	22.24	22.40	22.30	22.01	23.50
20	64QAM	50	0	21.25	21.28	21.35	21.21	21.07	22.50
20	64QAM	50	24	21.31	21.37	21.51	21.33	21.14	22.50
20	64QAM	50	50	21.10	21.21	21.29	21.19	20.93	22.50
20	64QAM	100	0	21.43	21.50	21.57	21.34	21.20	22.50
20	256QAM	1	0	19.55	19.57	19.62	19.50	19.30	20.50
20	256QAM	1	49	19.80	19.76	19.88	19.70	19.63	20.50
20	256QAM	1	99	19.02	18.97	19.12	18.93	18.86	20.50
20	256QAM	50	0	19.12	19.13	19.29	19.11	18.97	20.50
20	256QAM	50	24	19.24	19.26	19.36	19.27	19.11	20.50
20	256QAM	50	50	19.05	19.11	19.19	19.01	18.84	20.50
20	256QAM	100	0	19.48	19.55	19.63	19.47	19.35	20.50
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	24.50	24.47	24.47	24.45	24.21	25.50
15	QPSK	1	37	24.05	24.22	24.35	24.06	24.04	25.50
15	QPSK	1	74	24.02	24.21	24.22	24.05	23.78	25.50
15	QPSK	36	0	23.22	23.22	23.37	23.26	23.05	24.50
15	QPSK	36	20	23.18	23.14	23.16	23.09	22.95	24.50
15	QPSK	36	39	23.05	23.16	23.29	23.07	23.04	24.50
15	QPSK	75	0	23.07	23.16	23.16	23.04	22.89	24.50
15	16QAM	1	0	23.05	23.22	23.28	23.12	23.02	24.50
15	16QAM	1	37	23.16	23.35	23.36	23.17	23.05	24.50
15	16QAM	1	74	23.00	23.11	23.12	23.00	22.79	24.50
15	16QAM	36	0	21.84	21.90	22.10	22.00	21.76	23.50
15	16QAM	36	20	22.43	22.42	22.52	22.39	22.08	23.50
15	16QAM	36	39	22.02	22.15	22.24	22.09	21.99	23.50
15	16QAM	75	0	22.01	22.02	22.25	22.06	21.82	23.50
15	64QAM	1	0	22.28	22.18	22.25	22.16	22.02	23.50
15	64QAM	1	37	22.36	22.39	22.40	22.22	22.14	23.50
15	64QAM	1	74	22.25	22.14	22.33	22.16	21.98	23.50
15	64QAM	36	0	21.12	21.14	21.30	21.08	21.02	22.50
15	64QAM	36	20	21.18	21.26	21.40	21.27	21.06	22.50
15	64QAM	36	39	21.09	21.08	21.17	21.11	20.84	22.50
15	64QAM	75	0	21.37	21.45	21.55	21.31	21.16	22.50
15	256QAM	1	0	19.51	19.47	19.58	19.38	19.28	20.50
15	256QAM	1	37	19.74	19.64	19.84	19.56	19.53	20.50

15	256QAM	1	74	18.96	18.92	18.99	18.82	18.73	20.50
15	256QAM	36	0	18.99	19.09	19.15	19.08	18.93	20.50
15	256QAM	36	20	19.17	19.22	19.33	19.24	18.97	20.50
15	256QAM	36	39	18.91	19.02	19.11	18.97	18.73	20.50
15	256QAM	75	0	19.43	19.44	19.51	19.41	19.26	20.50
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	24.49	24.45	24.46	24.44	24.18	25.50
10	QPSK	1	25	24.04	24.23	24.30	24.07	24.05	25.50
10	QPSK	1	49	24.13	24.20	24.15	23.94	23.79	25.50
10	QPSK	25	0	23.26	23.23	23.31	23.23	23.05	24.50
10	QPSK	25	12	23.11	23.12	23.18	23.04	22.88	24.50
10	QPSK	25	25	23.10	23.19	23.36	23.19	23.04	24.50
10	QPSK	50	0	23.06	23.12	23.18	23.06	22.82	24.50
10	16QAM	1	0	23.11	23.20	23.25	23.05	23.03	24.50
10	16QAM	1	25	23.19	23.36	23.33	23.22	23.11	24.50
10	16QAM	1	49	22.98	23.12	23.21	23.03	22.77	24.50
10	16QAM	25	0	21.93	21.99	22.10	21.91	21.77	23.50
10	16QAM	25	12	22.33	22.47	22.48	22.35	22.10	23.50
10	16QAM	25	25	22.12	22.23	22.27	22.21	22.01	23.50
10	16QAM	50	0	22.07	21.98	22.15	22.09	21.87	23.50
10	64QAM	1	0	22.29	22.15	22.36	22.17	22.11	23.50
10	64QAM	1	25	22.32	22.42	22.44	22.16	22.12	23.50
10	64QAM	1	49	22.28	22.14	22.27	22.17	21.86	23.50
10	64QAM	25	0	21.10	21.26	21.24	21.19	21.03	22.50
10	64QAM	25	12	21.17	21.24	21.42	21.24	21.01	22.50
10	64QAM	25	25	21.02	21.14	21.21	21.07	20.81	22.50
10	64QAM	50	0	21.41	21.40	21.52	21.32	21.09	22.50
10	256QAM	1	0	19.44	19.45	19.61	19.45	19.19	20.50
10	256QAM	1	25	19.70	19.64	19.82	19.58	19.56	20.50
10	256QAM	1	49	18.87	18.94	19.10	18.85	18.76	20.50
10	256QAM	25	0	19.09	19.04	19.26	19.06	18.88	20.50
10	256QAM	25	12	19.15	19.24	19.33	19.14	19.07	20.50
10	256QAM	25	25	19.02	19.02	19.11	18.98	18.70	20.50
10	256QAM	50	0	19.47	19.52	19.50	19.37	19.23	20.50
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	24.43	24.45	24.51	24.44	24.19	25.50
5	QPSK	1	12	24.00	24.18	24.27	24.14	23.96	25.50
5	QPSK	1	24	24.04	24.16	24.26	24.05	23.79	25.50
5	QPSK	12	0	23.27	23.21	23.39	23.28	22.99	24.50
5	QPSK	12	7	23.16	23.09	23.27	23.09	22.94	24.50
5	QPSK	12	13	23.15	23.25	23.33	23.06	22.99	24.50
5	QPSK	25	0	23.03	23.06	23.17	23.05	22.83	24.50
5	16QAM	1	0	23.08	23.21	23.34	23.08	23.02	24.50
5	16QAM	1	12	23.10	23.40	23.37	23.15	23.16	24.50
5	16QAM	1	24	23.00	23.04	23.09	22.96	22.80	24.50
5	16QAM	12	0	21.90	22.01	22.12	21.89	21.86	23.50
5	16QAM	12	7	22.35	22.35	22.54	22.28	22.09	23.50
5	16QAM	12	13	22.08	22.28	22.30	22.17	21.99	23.50
5	16QAM	25	0	22.04	22.03	22.24	22.02	21.91	23.50
5	64QAM	1	0	22.19	22.13	22.27	22.14	21.97	23.50
5	64QAM	1	12	22.33	22.42	22.49	22.24	22.12	23.50
5	64QAM	1	24	22.28	22.11	22.26	22.25	21.99	23.50
5	64QAM	12	0	21.16	21.21	21.28	21.08	21.05	22.50
5	64QAM	12	7	21.30	21.23	21.47	21.22	21.06	22.50
5	64QAM	12	13	21.06	21.16	21.18	21.14	20.78	22.50
5	64QAM	25	0	21.35	21.46	21.43	21.24	21.12	22.50
5	256QAM	1	0	19.46	19.53	19.61	19.41	19.28	20.50
5	256QAM	1	12	19.77	19.66	19.73	19.67	19.62	20.50
5	256QAM	1	24	18.88	18.96	18.97	18.89	18.76	20.50
5	256QAM	12	0	19.09	19.12	19.17	18.98	18.85	20.50
5	256QAM	12	7	19.09	19.20	19.25	19.21	18.99	20.50
5	256QAM	12	13	19.01	19.04	19.12	18.99	18.73	20.50
5	256QAM	25	0	19.35	19.52	19.53	19.34	19.27	20.50

【LTE Band 41__FCC (2496~2690MHz)_Ant
6_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	21.20	21.18	21.21	21.05	21.08	22.00
20	QPSK	1	49	21.15	21.16	21.20	20.90	21.01	22.00
20	QPSK	1	99	20.89	20.93	21.00	20.78	20.73	22.00
20	QPSK	50	0	21.06	21.11	21.20	21.01	20.92	22.00
20	QPSK	50	24	21.05	21.01	21.18	20.90	20.96	22.00
20	QPSK	50	50	20.88	20.90	21.00	20.80	20.80	22.00
20	QPSK	100	0	20.85	20.84	20.97	20.79	20.75	22.00
20	16QAM	1	0	20.90	20.96	21.04	20.85	20.84	22.00
20	16QAM	1	49	20.96	20.93	21.06	20.78	20.89	22.00
20	16QAM	1	99	20.95	21.06	21.10	20.87	20.85	22.00
20	16QAM	50	0	21.00	20.99	21.14	20.92	20.93	22.00
20	16QAM	50	24	21.03	20.95	21.07	20.76	20.88	22.00
20	16QAM	50	50	20.96	20.84	20.99	20.70	20.84	22.00
20	16QAM	100	0	20.90	20.98	21.04	20.85	20.81	22.00
20	64QAM	1	0	21.00	21.04	21.08	20.85	20.90	22.00
20	64QAM	1	49	21.07	21.08	21.18	21.00	21.02	22.00
20	64QAM	1	99	21.07	20.99	21.09	20.83	20.87	22.00
20	64QAM	50	0	21.13	21.05	21.17	20.97	20.90	22.00
20	64QAM	50	24	20.96	20.93	21.08	20.90	20.83	22.00
20	64QAM	50	50	20.94	20.92	21.03	20.82	20.82	22.00
20	64QAM	100	0	21.03	20.93	21.08	20.85	20.93	22.00
20	256QAM	1	0	19.63	19.51	19.66	19.36	19.48	20.50
20	256QAM	1	49	19.50	19.48	19.61	19.38	19.47	20.50
20	256QAM	1	99	19.41	19.39	19.56	19.40	19.39	20.50
20	256QAM	50	0	19.53	19.52	19.61	19.38	19.36	20.50
20	256QAM	50	24	19.40	19.33	19.49	19.31	19.35	20.50
20	256QAM	50	50	19.52	19.43	19.59	19.33	19.43	20.50
20	256QAM	100	0	19.50	19.58	19.63	19.43	19.41	20.50
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	21.12	21.05	21.16	20.92	21.02	22.00
15	QPSK	1	37	21.02	21.10	21.09	20.82	20.95	22.00
15	QPSK	1	74	20.85	20.87	20.88	20.65	20.69	22.00
15	QPSK	36	0	20.99	21.01	21.13	20.95	20.79	22.00
15	QPSK	36	20	21.00	20.90	21.16	20.86	20.81	22.00
15	QPSK	36	39	20.83	20.82	20.98	20.67	20.67	22.00
15	QPSK	75	0	20.79	20.71	20.93	20.69	20.63	22.00
15	16QAM	1	0	20.82	20.92	20.94	20.79	20.80	22.00
15	16QAM	1	37	20.88	20.88	20.97	20.67	20.84	22.00
15	16QAM	1	74	20.83	21.00	20.99	20.81	20.82	22.00
15	16QAM	36	0	20.88	20.96	21.02	20.86	20.80	22.00
15	16QAM	36	20	20.94	20.85	20.97	20.62	20.85	22.00
15	16QAM	36	39	20.86	20.79	20.85	20.69	20.79	22.00
15	16QAM	75	0	20.85	20.88	20.96	20.81	20.68	22.00
15	64QAM	1	0	20.86	20.90	20.95	20.80	20.82	22.00
15	64QAM	1	37	20.99	20.94	21.09	20.86	20.98	22.00
15	64QAM	1	74	20.99	20.88	20.96	20.80	20.86	22.00
15	64QAM	36	0	21.01	20.90	21.12	20.93	20.81	22.00
15	64QAM	36	20	20.84	20.80	20.97	20.82	20.75	22.00
15	64QAM	36	39	20.84	20.81	20.99	20.69	20.78	22.00
15	64QAM	75	0	20.97	20.80	21.03	20.72	20.89	22.00
15	256QAM	1	0	19.58	19.43	19.58	19.27	19.47	20.50
15	256QAM	1	37	19.48	19.42	19.49	19.24	19.38	20.50
15	256QAM	1	74	19.34	19.28	19.41	19.32	19.28	20.50
15	256QAM	36	0	19.39	19.47	19.57	19.29	19.23	20.50
15	256QAM	36	20	19.37	19.21	19.41	19.18	19.27	20.50
15	256QAM	36	39	19.48	19.38	19.49	19.31	19.40	20.50
15	256QAM	75	0	19.40	19.53	19.50	19.31	19.39	20.50
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	21.08	21.12	21.19	21.02	21.03	22.00
10	QPSK	1	25	21.03	21.15	21.05	20.81	20.88	22.00
10	QPSK	1	49	20.88	20.86	20.89	20.68	20.64	22.00

10	QPSK	25	0	20.96	20.98	21.10	20.96	20.78	22.00
10	QPSK	25	12	20.99	20.97	21.14	20.88	20.82	22.00
10	QPSK	25	25	20.84	20.88	20.86	20.68	20.76	22.00
10	QPSK	50	0	20.79	20.73	20.92	20.74	20.66	22.00
10	16QAM	1	0	20.76	20.87	20.99	20.75	20.69	22.00
10	16QAM	1	25	20.89	20.79	20.91	20.66	20.76	22.00
10	16QAM	1	49	20.92	20.99	21.00	20.82	20.77	22.00
10	16QAM	25	0	20.85	20.97	21.05	20.82	20.78	22.00
10	16QAM	25	12	20.91	20.92	20.98	20.71	20.80	22.00
10	16QAM	25	25	20.93	20.82	20.88	20.64	20.79	22.00
10	16QAM	50	0	20.78	20.88	20.93	20.73	20.79	22.00
10	64QAM	1	0	20.98	20.98	20.95	20.73	20.87	22.00
10	64QAM	1	25	20.97	20.98	21.06	20.95	20.98	22.00
10	64QAM	1	49	21.06	20.90	21.04	20.72	20.83	22.00
10	64QAM	25	0	21.11	21.03	21.05	20.96	20.82	22.00
10	64QAM	25	12	20.92	20.81	21.03	20.87	20.69	22.00
10	64QAM	25	25	20.83	20.81	20.90	20.69	20.76	22.00
10	64QAM	50	0	20.93	20.88	20.96	20.84	20.91	22.00
10	256QAM	1	0	19.54	19.40	19.55	19.30	19.36	20.50
10	256QAM	1	25	19.45	19.41	19.55	19.31	19.36	20.50
10	256QAM	1	49	19.31	19.27	19.48	19.39	19.36	20.50
10	256QAM	25	0	19.47	19.47	19.48	19.36	19.35	20.50
10	256QAM	25	12	19.25	19.19	19.38	19.26	19.27	20.50
10	256QAM	25	25	19.38	19.29	19.51	19.30	19.39	20.50
10	256QAM	50	0	19.46	19.56	19.58	19.38	19.26	20.50
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	21.10	21.06	21.20	21.03	20.95	22.00
5	QPSK	1	12	21.03	21.08	21.07	20.77	20.93	22.00
5	QPSK	1	24	20.85	20.88	20.94	20.73	20.62	22.00
5	QPSK	12	0	20.96	21.09	21.14	20.87	20.84	22.00
5	QPSK	12	7	20.92	20.97	21.11	20.83	20.95	22.00
5	QPSK	12	13	20.74	20.84	20.86	20.68	20.68	22.00
5	QPSK	25	0	20.84	20.80	20.95	20.71	20.71	22.00
5	16QAM	1	0	20.87	20.85	21.02	20.73	20.81	22.00
5	16QAM	1	12	20.85	20.89	20.98	20.74	20.78	22.00
5	16QAM	1	24	20.83	20.98	21.02	20.74	20.73	22.00
5	16QAM	12	0	20.98	20.97	21.05	20.90	20.88	22.00
5	16QAM	12	7	20.96	20.83	20.93	20.73	20.85	22.00
5	16QAM	12	13	20.86	20.74	20.97	20.63	20.79	22.00
5	16QAM	25	0	20.84	20.92	20.93	20.79	20.72	22.00
5	64QAM	1	0	20.95	20.94	20.95	20.80	20.87	22.00
5	64QAM	1	12	20.96	20.99	21.15	20.88	20.99	22.00
5	64QAM	1	24	20.95	20.96	21.04	20.70	20.75	22.00
5	64QAM	12	0	21.09	20.91	21.16	20.82	20.79	22.00
5	64QAM	12	7	20.83	20.78	20.98	20.79	20.72	22.00
5	64QAM	12	13	20.91	20.77	20.96	20.74	20.72	22.00
5	64QAM	25	0	20.99	20.89	20.96	20.80	20.86	22.00
5	256QAM	1	0	19.57	19.42	19.57	19.26	19.43	20.50
5	256QAM	1	12	19.42	19.35	19.56	19.37	19.39	20.50
5	256QAM	1	24	19.30	19.34	19.48	19.29	19.33	20.50
5	256QAM	12	0	19.50	19.46	19.48	19.26	19.26	20.50
5	256QAM	12	7	19.34	19.31	19.45	19.20	19.30	20.50
5	256QAM	12	13	19.43	19.35	19.57	19.21	19.40	20.50
5	256QAM	25	0	19.37	19.51	19.56	19.37	19.38	20.50

【LTE Band 41__FCC (2496~2690MHz)_Ant
6_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	21.20	21.18	21.21	21.05	21.08	22.00
20	QPSK	1	49	21.15	21.16	21.20	20.90	21.01	22.00
20	QPSK	1	99	20.89	20.93	21.00	20.78	20.73	22.00
20	QPSK	50	0	21.06	21.11	21.20	21.01	20.98	22.00
20	QPSK	50	24	21.05	21.01	21.18	20.90	20.96	22.00
20	QPSK	50	50	20.88	20.90	21.00	20.80	20.80	22.00

20	QPSK	100	0	20.85	20.84	20.97	20.79	20.75	22.00
20	16QAM	1	0	20.90	20.96	21.04	20.85	20.84	22.00
20	16QAM	1	49	20.96	20.93	21.06	20.78	20.89	22.00
20	16QAM	1	99	20.95	21.06	21.10	20.87	20.85	22.00
20	16QAM	50	0	21.00	20.99	21.14	20.92	20.93	22.00
20	16QAM	50	24	21.03	20.95	21.07	20.76	20.88	22.00
20	16QAM	50	50	20.96	20.84	20.99	20.70	20.84	22.00
20	16QAM	100	0	20.90	20.98	21.04	20.85	20.81	22.00
20	64QAM	1	0	21.00	21.04	21.08	20.85	20.90	22.00
20	64QAM	1	49	21.07	21.08	21.18	21.00	21.02	22.00
20	64QAM	1	99	21.07	20.99	21.09	20.83	20.87	22.00
20	64QAM	50	0	21.13	21.05	21.17	20.97	20.90	22.00
20	64QAM	50	24	20.96	20.93	21.08	20.90	20.83	22.00
20	64QAM	50	50	20.94	20.92	21.03	20.82	20.82	22.00
20	64QAM	100	0	21.03	20.93	21.08	20.85	20.93	22.00
20	256QAM	1	0	19.63	19.51	19.66	19.36	19.48	20.50
20	256QAM	1	49	19.50	19.48	19.61	19.38	19.47	20.50
20	256QAM	1	99	19.41	19.39	19.56	19.40	19.39	20.50
20	256QAM	50	0	19.53	19.52	19.61	19.38	19.36	20.50
20	256QAM	50	24	19.40	19.33	19.49	19.31	19.35	20.50
20	256QAM	50	50	19.52	19.43	19.59	19.33	19.43	20.50
20	256QAM	100	0	19.50	19.58	19.63	19.43	19.41	20.50
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	21.12	21.05	21.16	20.92	21.02	22.00
15	QPSK	1	37	21.02	21.10	21.09	20.82	20.95	22.00
15	QPSK	1	74	20.85	20.87	20.88	20.65	20.69	22.00
15	QPSK	36	0	20.99	21.01	21.13	20.95	20.79	22.00
15	QPSK	36	20	21.00	20.90	21.16	20.86	20.81	22.00
15	QPSK	36	39	20.83	20.82	20.98	20.67	20.67	22.00
15	QPSK	75	0	20.79	20.71	20.93	20.69	20.63	22.00
15	16QAM	1	0	20.82	20.92	20.94	20.79	20.80	22.00
15	16QAM	1	37	20.88	20.88	20.97	20.67	20.84	22.00
15	16QAM	1	74	20.83	21.00	20.99	20.81	20.82	22.00
15	16QAM	36	0	20.88	20.96	21.02	20.86	20.80	22.00
15	16QAM	36	20	20.94	20.85	20.97	20.62	20.85	22.00
15	16QAM	36	39	20.86	20.79	20.85	20.69	20.79	22.00
15	16QAM	75	0	20.85	20.88	20.96	20.81	20.68	22.00
15	64QAM	1	0	20.86	20.90	20.95	20.80	20.82	22.00
15	64QAM	1	37	20.99	20.94	21.09	20.86	20.98	22.00
15	64QAM	1	74	20.99	20.88	20.96	20.80	20.86	22.00
15	64QAM	36	0	21.01	20.90	21.12	20.93	20.81	22.00
15	64QAM	36	20	20.84	20.80	20.97	20.82	20.75	22.00
15	64QAM	36	39	20.84	20.81	20.99	20.69	20.78	22.00
15	64QAM	75	0	20.97	20.80	21.03	20.72	20.89	22.00
15	256QAM	1	0	19.58	19.43	19.58	19.27	19.47	20.50
15	256QAM	1	37	19.48	19.42	19.49	19.24	19.38	20.50
15	256QAM	1	74	19.34	19.28	19.41	19.32	19.28	20.50
15	256QAM	36	0	19.39	19.47	19.57	19.29	19.23	20.50
15	256QAM	36	20	19.37	19.21	19.41	19.18	19.27	20.50
15	256QAM	36	39	19.48	19.38	19.49	19.31	19.40	20.50
15	256QAM	75	0	19.40	19.53	19.50	19.31	19.39	20.50
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	21.08	21.12	21.19	21.02	21.03	22.00
10	QPSK	1	25	21.03	21.15	21.05	20.81	20.88	22.00
10	QPSK	1	49	20.88	20.86	20.89	20.68	20.64	22.00
10	QPSK	25	0	20.96	20.98	21.10	20.96	20.78	22.00
10	QPSK	25	12	20.99	20.97	21.14	20.88	20.82	22.00
10	QPSK	25	25	20.84	20.88	20.86	20.68	20.76	22.00
10	QPSK	50	0	20.79	20.73	20.92	20.74	20.66	22.00
10	16QAM	1	0	20.76	20.87	20.99	20.75	20.69	22.00
10	16QAM	1	25	20.89	20.79	20.91	20.66	20.76	22.00
10	16QAM	1	49	20.92	20.99	21.00	20.82	20.77	22.00
10	16QAM	25	0	20.85	20.97	21.05	20.82	20.78	22.00
10	16QAM	25	12	20.91	20.92	20.98	20.71	20.80	22.00
10	16QAM	25	25	20.93	20.82	20.88	20.64	20.79	22.00
10	16QAM	50	0	20.78	20.88	20.93	20.73	20.79	22.00
10	64QAM	1	0	20.98	20.98	20.95	20.73	20.87	22.00
10	64QAM	1	25	20.97	20.98	21.06	20.95	20.98	22.00
10	64QAM	1	49	21.06	20.90	21.04	20.72	20.83	22.00
10	64QAM	25	0	21.11	21.03	21.05	20.96	20.82	22.00
10	64QAM	25	12	20.92	20.81	21.03	20.87	20.69	22.00

10	64QAM	25	25	20.83	20.81	20.90	20.69	20.76	22.00
10	64QAM	50	0	20.93	20.88	20.96	20.84	20.91	22.00
10	256QAM	1	0	19.54	19.40	19.55	19.30	19.36	20.50
10	256QAM	1	25	19.45	19.41	19.55	19.31	19.36	20.50
10	256QAM	1	49	19.31	19.27	19.48	19.39	19.36	20.50
10	256QAM	25	0	19.47	19.47	19.48	19.36	19.35	20.50
10	256QAM	25	12	19.25	19.19	19.38	19.26	19.27	20.50
10	256QAM	25	25	19.38	19.29	19.51	19.30	19.39	20.50
10	256QAM	50	0	19.46	19.56	19.58	19.38	19.26	20.50
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	21.10	21.06	21.20	21.03	20.95	22.00
5	QPSK	1	12	21.03	21.08	21.07	20.77	20.93	22.00
5	QPSK	1	24	20.85	20.88	20.94	20.73	20.62	22.00
5	QPSK	12	0	20.96	21.09	21.14	20.87	20.84	22.00
5	QPSK	12	7	20.92	20.97	21.11	20.83	20.95	22.00
5	QPSK	12	13	20.74	20.84	20.86	20.68	20.68	22.00
5	QPSK	25	0	20.84	20.80	20.95	20.71	20.71	22.00
5	16QAM	1	0	20.87	20.85	21.02	20.73	20.81	22.00
5	16QAM	1	12	20.85	20.89	20.98	20.74	20.78	22.00
5	16QAM	1	24	20.83	20.98	21.02	20.74	20.73	22.00
5	16QAM	12	0	20.98	20.97	21.05	20.90	20.88	22.00
5	16QAM	12	7	20.96	20.83	20.93	20.73	20.85	22.00
5	16QAM	12	13	20.86	20.74	20.97	20.63	20.79	22.00
5	16QAM	25	0	20.84	20.92	20.93	20.79	20.72	22.00
5	64QAM	1	0	20.95	20.94	20.95	20.80	20.87	22.00
5	64QAM	1	12	20.96	20.99	21.15	20.88	20.99	22.00
5	64QAM	1	24	20.95	20.96	21.04	20.70	20.75	22.00
5	64QAM	12	0	21.09	20.91	21.16	20.82	20.79	22.00
5	64QAM	12	7	20.83	20.78	20.98	20.79	20.72	22.00
5	64QAM	12	13	20.91	20.77	20.96	20.74	20.72	22.00
5	64QAM	25	0	20.99	20.89	20.96	20.80	20.86	22.00
5	256QAM	1	0	19.57	19.42	19.57	19.26	19.43	20.50
5	256QAM	1	12	19.42	19.35	19.56	19.37	19.39	20.50
5	256QAM	1	24	19.30	19.34	19.48	19.29	19.33	20.50
5	256QAM	12	0	19.50	19.46	19.48	19.26	19.26	20.50
5	256QAM	12	7	19.34	19.31	19.45	19.20	19.30	20.50
5	256QAM	12	13	19.43	19.35	19.57	19.21	19.40	20.50
5	256QAM	25	0	19.37	19.51	19.56	19.37	19.38	20.50

【LTE Band 41__FCC (2496~2690MHz)_Ant
6_DSI 5】

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	21.20	21.18	21.21	21.05	21.08	22.00
20	QPSK	1	49	21.15	21.16	21.20	20.90	21.01	22.00
20	QPSK	1	99	20.89	20.93	21.00	20.78	20.73	22.00
20	QPSK	50	0	21.06	21.11	21.20	21.01	20.92	22.00
20	QPSK	50	24	21.05	21.01	21.18	20.90	20.96	22.00
20	QPSK	50	50	20.88	20.90	21.00	20.80	20.80	22.00
20	QPSK	100	0	20.85	20.84	20.97	20.79	20.75	22.00
20	16QAM	1	0	20.90	20.96	21.04	20.85	20.84	22.00
20	16QAM	1	49	20.96	20.93	21.06	20.78	20.89	22.00
20	16QAM	1	99	20.95	21.06	21.10	20.87	20.85	22.00
20	16QAM	50	0	21.00	20.99	21.14	20.92	20.93	22.00
20	16QAM	50	24	21.03	20.95	21.07	20.76	20.88	22.00
20	16QAM	50	50	20.96	20.84	20.99	20.70	20.84	22.00
20	16QAM	100	0	20.90	20.98	21.04	20.85	20.81	22.00
20	64QAM	1	0	21.00	21.04	21.08	20.85	20.90	22.00
20	64QAM	1	49	21.07	21.08	21.18	21.00	21.02	22.00
20	64QAM	1	99	21.07	20.99	21.09	20.83	20.87	22.00
20	64QAM	50	0	21.13	21.05	21.17	20.97	20.90	22.00
20	64QAM	50	24	20.96	20.93	21.08	20.90	20.83	22.00
20	64QAM	50	50	20.94	20.92	21.03	20.82	20.82	22.00
20	64QAM	100	0	21.03	20.93	21.08	20.85	20.93	22.00
20	256QAM	1	0	19.63	19.51	19.66	19.36	19.48	20.50

20	256QAM	1	49	19.50	19.48	19.61	19.38	19.47	20.50
20	256QAM	1	99	19.41	19.39	19.56	19.40	19.39	20.50
20	256QAM	50	0	19.53	19.52	19.61	19.38	19.36	20.50
20	256QAM	50	24	19.40	19.33	19.49	19.31	19.35	20.50
20	256QAM	50	50	19.52	19.43	19.59	19.33	19.43	20.50
20	256QAM	100	0	19.50	19.58	19.63	19.43	19.41	20.50
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	21.12	21.05	21.16	20.92	21.02	22.00
15	QPSK	1	37	21.02	21.10	21.09	20.82	20.95	22.00
15	QPSK	1	74	20.85	20.87	20.88	20.65	20.69	22.00
15	QPSK	36	0	20.99	21.01	21.13	20.95	20.79	22.00
15	QPSK	36	20	21.00	20.90	21.16	20.86	20.81	22.00
15	QPSK	36	39	20.83	20.82	20.98	20.67	20.67	22.00
15	QPSK	75	0	20.79	20.71	20.93	20.69	20.63	22.00
15	16QAM	1	0	20.82	20.92	20.94	20.79	20.80	22.00
15	16QAM	1	37	20.88	20.88	20.97	20.67	20.84	22.00
15	16QAM	1	74	20.83	21.00	20.99	20.81	20.82	22.00
15	16QAM	36	0	20.88	20.96	21.02	20.86	20.80	22.00
15	16QAM	36	20	20.94	20.85	20.97	20.62	20.85	22.00
15	16QAM	36	39	20.86	20.79	20.85	20.69	20.79	22.00
15	16QAM	75	0	20.85	20.88	20.96	20.81	20.68	22.00
15	64QAM	1	0	20.86	20.90	20.95	20.80	20.82	22.00
15	64QAM	1	37	20.99	20.94	21.09	20.86	20.98	22.00
15	64QAM	1	74	20.99	20.88	20.96	20.80	20.86	22.00
15	64QAM	36	0	21.01	20.90	21.12	20.93	20.81	22.00
15	64QAM	36	20	20.84	20.80	20.97	20.82	20.75	22.00
15	64QAM	36	39	20.84	20.81	20.99	20.69	20.78	22.00
15	64QAM	75	0	20.97	20.80	21.03	20.72	20.89	22.00
15	256QAM	1	0	19.58	19.43	19.58	19.27	19.47	20.50
15	256QAM	1	37	19.48	19.42	19.49	19.24	19.38	20.50
15	256QAM	1	74	19.34	19.28	19.41	19.32	19.28	20.50
15	256QAM	36	0	19.39	19.47	19.57	19.29	19.23	20.50
15	256QAM	36	20	19.37	19.21	19.41	19.18	19.27	20.50
15	256QAM	36	39	19.48	19.38	19.49	19.31	19.40	20.50
15	256QAM	75	0	19.40	19.53	19.50	19.31	19.39	20.50
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	21.08	21.12	21.19	21.02	21.03	22.00
10	QPSK	1	25	21.03	21.15	21.05	20.81	20.88	22.00
10	QPSK	1	49	20.88	20.86	20.89	20.68	20.64	22.00
10	QPSK	25	0	20.96	20.98	21.10	20.96	20.78	22.00
10	QPSK	25	12	20.99	20.97	21.14	20.88	20.82	22.00
10	QPSK	25	25	20.84	20.88	20.86	20.68	20.76	22.00
10	QPSK	50	0	20.79	20.73	20.92	20.74	20.66	22.00
10	16QAM	1	0	20.76	20.87	20.99	20.75	20.69	22.00
10	16QAM	1	25	20.89	20.79	20.91	20.66	20.76	22.00
10	16QAM	1	49	20.92	20.99	21.00	20.82	20.77	22.00
10	16QAM	25	0	20.85	20.97	21.05	20.82	20.78	22.00
10	16QAM	25	12	20.91	20.92	20.98	20.71	20.80	22.00
10	16QAM	25	25	20.93	20.82	20.88	20.64	20.79	22.00
10	16QAM	50	0	20.78	20.88	20.93	20.73	20.79	22.00
10	64QAM	1	0	20.98	20.98	20.95	20.73	20.87	22.00
10	64QAM	1	25	20.97	20.98	21.06	20.95	20.98	22.00
10	64QAM	1	49	21.06	20.90	21.04	20.72	20.83	22.00
10	64QAM	25	0	21.11	21.03	21.05	20.96	20.82	22.00
10	64QAM	25	12	20.92	20.81	21.03	20.87	20.69	22.00
10	64QAM	25	25	20.83	20.81	20.90	20.69	20.76	22.00
10	64QAM	50	0	20.93	20.88	20.96	20.84	20.91	22.00
10	256QAM	1	0	19.54	19.40	19.55	19.30	19.36	20.50
10	256QAM	1	25	19.45	19.41	19.55	19.31	19.36	20.50
10	256QAM	1	49	19.31	19.27	19.48	19.39	19.36	20.50
10	256QAM	25	0	19.47	19.47	19.48	19.36	19.35	20.50
10	256QAM	25	12	19.25	19.19	19.38	19.26	19.27	20.50
10	256QAM	25	25	19.38	19.29	19.51	19.30	19.39	20.50
10	256QAM	50	0	19.46	19.56	19.58	19.38	19.26	20.50
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	21.10	21.06	21.20	21.03	20.95	22.00
5	QPSK	1	12	21.03	21.08	21.07	20.77	20.93	22.00
5	QPSK	1	24	20.85	20.88	20.94	20.73	20.62	22.00
5	QPSK	12	0	20.96	21.09	21.14	20.87	20.84	22.00

5	QPSK	12	7	20.92	20.97	21.11	20.83	20.95	22.00
5	QPSK	12	13	20.74	20.84	20.86	20.68	20.68	22.00
5	QPSK	25	0	20.84	20.80	20.95	20.71	20.71	22.00
5	16QAM	1	0	20.87	20.85	21.02	20.73	20.81	22.00
5	16QAM	1	12	20.85	20.89	20.98	20.74	20.78	22.00
5	16QAM	1	24	20.83	20.98	21.02	20.74	20.73	22.00
5	16QAM	12	0	20.98	20.97	21.05	20.90	20.88	22.00
5	16QAM	12	7	20.96	20.83	20.93	20.73	20.85	22.00
5	16QAM	12	13	20.86	20.74	20.97	20.63	20.79	22.00
5	16QAM	25	0	20.84	20.92	20.93	20.79	20.72	22.00
5	64QAM	1	0	20.95	20.94	20.95	20.80	20.87	22.00
5	64QAM	1	12	20.96	20.99	21.15	20.88	20.99	22.00
5	64QAM	1	24	20.95	20.96	21.04	20.70	20.75	22.00
5	64QAM	12	0	21.09	20.91	21.16	20.82	20.79	22.00
5	64QAM	12	7	20.83	20.78	20.98	20.79	20.72	22.00
5	64QAM	12	13	20.91	20.77	20.96	20.74	20.72	22.00
5	64QAM	25	0	20.99	20.89	20.96	20.80	20.86	22.00
5	256QAM	1	0	19.57	19.42	19.57	19.26	19.43	20.50
5	256QAM	1	12	19.42	19.35	19.56	19.37	19.39	20.50
5	256QAM	1	24	19.30	19.34	19.48	19.29	19.33	20.50
5	256QAM	12	0	19.50	19.46	19.48	19.26	19.26	20.50
5	256QAM	12	7	19.34	19.31	19.45	19.20	19.30	20.50
5	256QAM	12	13	19.43	19.35	19.57	19.21	19.40	20.50
5	256QAM	25	0	19.37	19.51	19.56	19.37	19.38	20.50

【LTE Band 41_FCC (2496~2690MHz)_Ant

7_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	24.44	24.48	24.52	24.42	24.25	25.50
20	QPSK	1	49	24.28	24.30	24.37	24.12	24.00	25.50
20	QPSK	1	99	23.98	24.09	24.18	23.99	23.87	25.50
20	QPSK	50	0	23.29	23.39	23.45	23.27	23.05	24.50
20	QPSK	50	24	23.21	23.24	23.37	23.13	23.05	24.50
20	QPSK	50	50	23.18	23.21	23.34	23.19	23.05	24.50
20	QPSK	100	0	23.30	23.37	23.43	23.28	23.09	24.50
20	16QAM	1	0	23.17	23.31	23.39	23.16	23.10	24.50
20	16QAM	1	49	23.56	23.49	23.66	23.41	23.34	24.50
20	16QAM	1	99	23.06	23.12	23.22	23.09	22.83	24.50
20	16QAM	50	0	22.14	22.22	22.27	22.05	21.95	23.50
20	16QAM	50	24	22.28	22.40	22.47	22.31	22.16	23.50
20	16QAM	50	50	22.02	22.04	22.15	21.93	21.79	23.50
20	16QAM	100	0	22.09	22.14	22.23	22.07	21.90	23.50
20	64QAM	1	0	22.32	22.26	22.41	22.18	22.08	23.50
20	64QAM	1	49	22.31	22.41	22.50	22.39	22.23	23.50
20	64QAM	1	99	22.30	22.21	22.39	22.16	22.08	23.50
20	64QAM	50	0	21.21	21.22	21.38	21.25	21.05	22.50
20	64QAM	50	24	21.46	21.44	21.58	21.42	21.26	22.50
20	64QAM	50	50	21.15	21.30	21.35	21.15	21.06	22.50
20	64QAM	100	0	21.44	21.52	21.66	21.51	21.33	22.50
20	256QAM	1	0	19.58	19.69	19.74	19.62	19.48	20.50
20	256QAM	1	49	19.69	19.68	19.80	19.66	19.52	20.50
20	256QAM	1	99	19.00	19.02	19.14	18.96	18.83	20.50
20	256QAM	50	0	19.16	19.18	19.29	19.13	19.05	20.50
20	256QAM	50	24	19.11	19.19	19.29	19.07	19.05	20.50
20	256QAM	50	50	18.93	18.94	19.03	18.89	18.79	20.50
20	256QAM	100	0	19.41	19.43	19.53	19.39	19.18	20.50
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	24.32	24.41	24.50	24.38	24.12	25.50
15	QPSK	1	37	24.15	24.16	24.26	24.03	23.97	25.50
15	QPSK	1	74	23.94	24.04	24.08	23.88	23.85	25.50
15	QPSK	36	0	23.25	23.36	23.36	23.23	23.04	24.50
15	QPSK	36	20	23.11	23.21	23.35	23.01	22.90	24.50
15	QPSK	36	39	23.07	23.18	23.31	23.07	22.99	24.50
15	QPSK	75	0	23.17	23.33	23.38	23.21	22.98	24.50

15	16QAM	1	0	23.15	23.20	23.36	23.11	23.02	24.50
15	16QAM	1	37	23.50	23.37	23.65	23.28	23.33	24.50
15	16QAM	1	74	23.05	23.11	23.13	22.96	22.76	24.50
15	16QAM	36	0	22.05	22.07	22.14	21.99	21.84	23.50
15	16QAM	36	20	22.22	22.37	22.46	22.23	22.11	23.50
15	16QAM	36	39	21.95	21.90	22.02	21.90	21.65	23.50
15	16QAM	75	0	22.01	22.06	22.11	21.98	21.83	23.50
15	64QAM	1	0	22.23	22.22	22.39	22.12	21.97	23.50
15	64QAM	1	37	22.26	22.29	22.40	22.36	22.19	23.50
15	64QAM	1	74	22.15	22.14	22.33	22.06	21.98	23.50
15	64QAM	36	0	21.16	21.18	21.24	21.18	21.00	22.50
15	64QAM	36	20	21.40	21.37	21.56	21.27	21.14	22.50
15	64QAM	36	39	21.14	21.22	21.24	21.09	21.00	22.50
15	64QAM	75	0	21.43	21.43	21.60	21.41	21.19	22.50
15	256QAM	1	0	19.43	19.62	19.73	19.61	19.37	20.50
15	256QAM	1	37	19.65	19.56	19.70	19.58	19.49	20.50
15	256QAM	1	74	18.89	18.96	19.02	18.94	18.78	20.50
15	256QAM	36	0	19.15	19.06	19.23	19.10	18.97	20.50
15	256QAM	36	20	19.01	19.15	19.17	19.02	18.95	20.50
15	256QAM	36	39	18.92	18.85	18.99	18.78	18.70	20.50
15	256QAM	75	0	19.27	19.36	19.46	19.26	19.06	20.50
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	24.40	24.39	24.45	24.27	24.12	25.50
10	QPSK	1	25	24.15	24.27	24.25	24.01	23.86	25.50
10	QPSK	1	49	23.87	23.97	24.16	23.88	23.83	25.50
10	QPSK	25	0	23.28	23.27	23.42	23.15	23.02	24.50
10	QPSK	25	12	23.15	23.16	23.31	23.07	22.99	24.50
10	QPSK	25	25	23.16	23.13	23.29	23.14	23.00	24.50
10	QPSK	50	0	23.23	23.24	23.36	23.25	22.95	24.50
10	16QAM	1	0	23.09	23.27	23.30	23.07	23.00	24.50
10	16QAM	1	25	23.52	23.42	23.54	23.31	23.22	24.50
10	16QAM	1	49	22.91	22.99	23.18	22.99	22.77	24.50
10	16QAM	25	0	22.10	22.14	22.26	21.91	21.91	23.50
10	16QAM	25	12	22.15	22.30	22.36	22.24	22.11	23.50
10	16QAM	25	25	21.95	21.90	22.01	21.85	21.71	23.50
10	16QAM	50	0	21.95	22.01	22.22	21.96	21.88	23.50
10	64QAM	1	0	22.20	22.13	22.30	22.09	22.05	23.50
10	64QAM	1	25	22.29	22.33	22.43	22.27	22.11	23.50
10	64QAM	1	49	22.21	22.14	22.31	22.15	22.00	23.50
10	64QAM	25	0	21.09	21.20	21.35	21.15	20.95	22.50
10	64QAM	25	12	21.37	21.32	21.45	21.28	21.19	22.50
10	64QAM	25	25	21.12	21.28	21.27	21.04	20.92	22.50
10	64QAM	50	0	21.31	21.46	21.59	21.49	21.29	22.50
10	256QAM	1	0	19.51	19.61	19.59	19.61	19.45	20.50
10	256QAM	1	25	19.67	19.65	19.67	19.58	19.51	20.50
10	256QAM	1	49	18.91	18.98	19.07	18.88	18.70	20.50
10	256QAM	25	0	19.04	19.17	19.25	19.01	18.99	20.50
10	256QAM	25	12	19.02	19.13	19.24	18.95	18.98	20.50
10	256QAM	25	25	18.83	18.89	18.98	18.83	18.74	20.50
10	256QAM	50	0	19.29	19.36	19.39	19.34	19.16	20.50
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	24.33	24.37	24.38	24.36	24.21	25.50
5	QPSK	1	12	24.20	24.28	24.34	24.03	23.92	25.50
5	QPSK	1	24	23.85	23.96	24.06	23.91	23.75	25.50
5	QPSK	12	0	23.26	23.37	23.32	23.19	22.92	24.50
5	QPSK	12	7	23.10	23.22	23.31	22.99	22.93	24.50
5	QPSK	12	13	23.13	23.12	23.25	23.11	22.97	24.50
5	QPSK	25	0	23.23	23.25	23.33	23.19	23.06	24.50
5	16QAM	1	0	23.10	23.18	23.29	23.13	22.97	24.50
5	16QAM	1	12	23.41	23.36	23.61	23.27	23.31	24.50
5	16QAM	1	24	22.92	23.07	23.13	23.00	22.75	24.50
5	16QAM	12	0	22.03	22.11	22.14	21.95	21.84	23.50
5	16QAM	12	7	22.19	22.32	22.38	22.23	22.04	23.50
5	16QAM	12	13	22.00	22.00	22.13	21.88	21.72	23.50
5	16QAM	25	0	22.07	22.10	22.20	22.02	21.82	23.50
5	64QAM	1	0	22.20	22.23	22.33	22.14	21.98	23.50
5	64QAM	1	12	22.27	22.27	22.40	22.37	22.11	23.50
5	64QAM	1	24	22.21	22.17	22.25	22.02	21.94	23.50
5	64QAM	12	0	21.15	21.19	21.29	21.15	21.00	22.50
5	64QAM	12	7	21.40	21.34	21.45	21.34	21.18	22.50
5	64QAM	12	13	21.11	21.17	21.33	21.06	21.05	22.50

5	64QAM	25	0	21.42	21.42	21.54	21.43	21.18	22.50
5	256QAM	1	0	19.53	19.64	19.63	19.48	19.42	20.50
5	256QAM	1	12	19.56	19.57	19.71	19.54	19.43	20.50
5	256QAM	1	24	18.94	18.96	19.10	18.95	18.68	20.50
5	256QAM	12	0	19.02	19.07	19.25	19.02	19.01	20.50
5	256QAM	12	7	19.06	19.14	19.16	19.01	18.94	20.50
5	256QAM	12	13	18.85	18.84	18.93	18.83	18.70	20.50
5	256QAM	25	0	19.39	19.29	19.39	19.37	19.15	20.50

【LTE Band 41_FCC (2496~2690MHz)_Ant
7_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	Tune-up limit (dBm)
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	18.40	18.41	18.53	18.48	18.49	19.50
20	QPSK	1	49	18.26	18.18	18.42	18.34	18.35	19.50
20	QPSK	1	99	18.22	18.31	18.43	18.38	18.35	19.50
20	QPSK	50	0	18.38	18.40	18.52	18.40	18.46	19.50
20	QPSK	50	24	18.29	18.29	18.48	18.30	18.38	19.50
20	QPSK	50	50	18.24	18.19	18.44	18.26	18.36	19.50
20	QPSK	100	0	18.31	18.39	18.52	18.43	18.37	19.50
20	16QAM	1	0	18.34	18.33	18.51	18.37	18.45	19.50
20	16QAM	1	49	18.32	18.39	18.52	18.35	18.46	19.50
20	16QAM	1	99	18.46	18.45	18.63	18.57	18.48	19.50
20	16QAM	50	0	18.31	18.35	18.50	18.36	18.42	19.50
20	16QAM	50	24	18.32	18.35	18.48	18.39	18.32	19.50
20	16QAM	50	50	18.43	18.46	18.59	18.49	18.49	19.50
20	16QAM	100	0	18.29	18.43	18.54	18.44	18.45	19.50
20	64QAM	1	0	18.37	18.39	18.54	18.43	18.38	19.50
20	64QAM	1	49	18.38	18.33	18.55	18.46	18.50	19.50
20	64QAM	1	99	18.21	18.22	18.43	18.28	18.38	19.50
20	64QAM	50	0	18.34	18.30	18.52	18.34	18.41	19.50
20	64QAM	50	24	18.29	18.27	18.44	18.28	18.40	19.50
20	64QAM	50	50	18.37	18.45	18.57	18.48	18.49	19.50
20	64QAM	100	0	18.28	18.29	18.49	18.36	18.35	19.50
20	256QAM	1	0	18.34	18.26	18.48	18.42	18.43	19.50
20	256QAM	1	49	18.36	18.40	18.59	18.54	18.49	19.50
20	256QAM	1	99	18.41	18.42	18.60	18.48	18.56	19.50
20	256QAM	50	0	18.27	18.25	18.48	18.32	18.34	19.50
20	256QAM	50	24	18.34	18.37	18.52	18.45	18.38	19.50
20	256QAM	50	50	18.42	18.45	18.60	18.56	18.48	19.50
20	256QAM	100	0	18.21	18.30	18.44	18.36	18.37	19.50
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	18.30	18.35	18.42	18.39	18.38	19.50
15	QPSK	1	37	18.12	18.06	18.28	18.26	18.21	19.50
15	QPSK	1	74	18.10	18.29	18.31	18.23	18.30	19.50
15	QPSK	36	0	18.31	18.25	18.44	18.39	18.37	19.50
15	QPSK	36	20	18.26	18.23	18.45	18.18	18.37	19.50
15	QPSK	36	39	18.15	18.12	18.42	18.16	18.29	19.50
15	QPSK	75	0	18.27	18.28	18.49	18.42	18.28	19.50
15	16QAM	1	0	18.28	18.25	18.38	18.35	18.38	19.50
15	16QAM	1	37	18.26	18.36	18.42	18.25	18.39	19.50
15	16QAM	1	74	18.35	18.43	18.57	18.53	18.39	19.50
15	16QAM	36	0	18.26	18.25	18.39	18.32	18.39	19.50
15	16QAM	36	20	18.30	18.27	18.46	18.32	18.25	19.50
15	16QAM	36	39	18.34	18.39	18.54	18.40	18.36	19.50
15	16QAM	75	0	18.23	18.40	18.52	18.37	18.35	19.50
15	64QAM	1	0	18.27	18.29	18.40	18.29	18.28	19.50
15	64QAM	1	37	18.24	18.24	18.49	18.40	18.43	19.50
15	64QAM	1	74	18.16	18.15	18.40	18.22	18.23	19.50
15	64QAM	36	0	18.27	18.18	18.47	18.19	18.37	19.50
15	64QAM	36	20	18.23	18.12	18.39	18.27	18.35	19.50
15	64QAM	36	39	18.22	18.33	18.55	18.40	18.35	19.50
15	64QAM	75	0	18.15	18.19	18.46	18.22	18.28	19.50
15	256QAM	1	0	18.23	18.16	18.45	18.32	18.29	19.50
15	256QAM	1	37	18.23	18.25	18.51	18.51	18.45	19.50

15	256QAM	1	74	18.31	18.27	18.52	18.39	18.45	19.50
15	256QAM	36	0	18.20	18.18	18.39	18.29	18.21	19.50
15	256QAM	36	20	18.27	18.35	18.40	18.38	18.28	19.50
15	256QAM	36	39	18.34	18.41	18.53	18.54	18.42	19.50
15	256QAM	75	0	18.11	18.21	18.38	18.34	18.34	19.50
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	18.29	18.37	18.43	18.39	18.42	19.50
10	QPSK	1	25	18.20	18.15	18.37	18.20	18.32	19.50
10	QPSK	1	49	18.20	18.27	18.31	18.28	18.25	19.50
10	QPSK	25	0	18.34	18.32	18.40	18.32	18.40	19.50
10	QPSK	25	12	18.22	18.19	18.45	18.21	18.30	19.50
10	QPSK	25	25	18.21	18.15	18.34	18.21	18.23	19.50
10	QPSK	50	0	18.24	18.29	18.48	18.30	18.29	19.50
10	16QAM	1	0	18.30	18.31	18.39	18.29	18.32	19.50
10	16QAM	1	25	18.18	18.32	18.41	18.33	18.40	19.50
10	16QAM	1	49	18.44	18.33	18.53	18.46	18.40	19.50
10	16QAM	25	0	18.17	18.29	18.37	18.27	18.35	19.50
10	16QAM	25	12	18.27	18.31	18.47	18.29	18.28	19.50
10	16QAM	25	25	18.37	18.33	18.50	18.38	18.41	19.50
10	16QAM	50	0	18.19	18.39	18.47	18.34	18.44	19.50
10	64QAM	1	0	18.26	18.27	18.41	18.30	18.26	19.50
10	64QAM	1	25	18.34	18.28	18.44	18.40	18.47	19.50
10	64QAM	1	49	18.18	18.17	18.39	18.24	18.27	19.50
10	64QAM	25	0	18.23	18.20	18.40	18.23	18.33	19.50
10	64QAM	25	12	18.24	18.26	18.39	18.14	18.27	19.50
10	64QAM	25	25	18.34	18.38	18.48	18.36	18.42	19.50
10	64QAM	50	0	18.24	18.16	18.42	18.34	18.32	19.50
10	256QAM	1	0	18.24	18.14	18.44	18.36	18.34	19.50
10	256QAM	1	25	18.28	18.39	18.52	18.47	18.39	19.50
10	256QAM	1	49	18.31	18.32	18.51	18.40	18.52	19.50
10	256QAM	25	0	18.14	18.14	18.43	18.18	18.29	19.50
10	256QAM	25	12	18.23	18.26	18.49	18.42	18.31	19.50
10	256QAM	25	25	18.36	18.38	18.58	18.41	18.43	19.50
10	256QAM	50	0	18.11	18.16	18.29	18.22	18.25	19.50
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	18.26	18.31	18.42	18.42	18.45	19.50
5	QPSK	1	12	18.14	18.06	18.32	18.25	18.30	19.50
5	QPSK	1	24	18.07	18.21	18.30	18.24	18.30	19.50
5	QPSK	12	0	18.28	18.33	18.45	18.30	18.37	19.50
5	QPSK	12	7	18.25	18.16	18.46	18.24	18.26	19.50
5	QPSK	12	13	18.13	18.16	18.36	18.14	18.29	19.50
5	QPSK	25	0	18.21	18.29	18.43	18.40	18.25	19.50
5	16QAM	1	0	18.19	18.31	18.39	18.35	18.42	19.50
5	16QAM	1	12	18.27	18.30	18.50	18.32	18.31	19.50
5	16QAM	1	24	18.36	18.40	18.52	18.42	18.47	19.50
5	16QAM	12	0	18.22	18.29	18.49	18.31	18.28	19.50
5	16QAM	12	7	18.19	18.21	18.43	18.27	18.27	19.50
5	16QAM	12	13	18.29	18.40	18.57	18.48	18.36	19.50
5	16QAM	25	0	18.25	18.32	18.50	18.32	18.41	19.50
5	64QAM	1	0	18.30	18.37	18.46	18.32	18.23	19.50
5	64QAM	1	12	18.29	18.30	18.46	18.42	18.48	19.50
5	64QAM	1	24	18.09	18.17	18.38	18.21	18.28	19.50
5	64QAM	12	0	18.24	18.25	18.50	18.22	18.34	19.50
5	64QAM	12	7	18.26	18.18	18.41	18.23	18.29	19.50
5	64QAM	12	13	18.22	18.44	18.48	18.36	18.42	19.50
5	64QAM	25	0	18.22	18.23	18.47	18.29	18.23	19.50
5	256QAM	1	0	18.29	18.25	18.34	18.29	18.38	19.50
5	256QAM	1	12	18.29	18.38	18.48	18.44	18.43	19.50
5	256QAM	1	24	18.30	18.39	18.55	18.45	18.54	19.50
5	256QAM	12	0	18.13	18.14	18.42	18.22	18.23	19.50
5	256QAM	12	7	18.20	18.23	18.51	18.41	18.35	19.50
5	256QAM	12	13	18.30	18.42	18.56	18.49	18.40	19.50
5	256QAM	25	0	18.14	18.27	18.35	18.32	18.30	19.50

【LTE Band 41__FCC (2496~2690MHz)_Ant
7_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	21.03	20.99	21.10	21.07	20.94	22.00
20	QPSK	1	49	20.91	20.79	21.03	20.90	20.85	22.00
20	QPSK	1	99	20.77	20.79	20.98	20.92	20.73	22.00
20	QPSK	50	0	20.90	20.91	21.08	21.01	20.89	22.00
20	QPSK	50	24	20.85	20.85	21.07	20.99	20.89	22.00
20	QPSK	50	50	20.74	20.78	20.92	20.83	20.73	22.00
20	QPSK	100	0	20.76	20.75	20.92	20.80	20.71	22.00
20	16QAM	1	0	20.95	20.86	21.05	20.99	20.74	22.00
20	16QAM	1	49	20.93	20.83	21.08	20.99	20.86	22.00
20	16QAM	1	99	20.86	20.74	21.00	20.91	20.79	22.00
20	16QAM	50	0	20.97	20.88	21.11	21.02	20.92	22.00
20	16QAM	50	24	20.72	20.71	20.91	20.85	20.69	22.00
20	16QAM	50	50	20.94	20.90	21.12	20.95	20.94	22.00
20	16QAM	100	0	20.89	20.87	21.05	20.97	20.86	22.00
20	64QAM	1	0	21.03	20.94	21.13	21.06	20.82	22.00
20	64QAM	1	49	20.92	20.88	21.04	20.87	20.81	22.00
20	64QAM	1	99	20.93	20.90	21.07	20.93	20.87	22.00
20	64QAM	50	0	20.89	20.86	21.03	20.91	20.80	22.00
20	64QAM	50	24	21.01	20.87	21.13	20.97	20.85	22.00
20	64QAM	50	50	20.82	20.84	21.02	20.85	20.78	22.00
20	64QAM	100	0	20.82	20.78	20.91	20.75	20.73	22.00
20	256QAM	1	0	19.35	19.40	19.55	19.47	19.35	20.50
20	256QAM	1	49	19.35	19.29	19.52	19.35	19.25	20.50
20	256QAM	1	99	19.46	19.39	19.63	19.46	19.39	20.50
20	256QAM	50	0	19.38	19.35	19.51	19.35	19.22	20.50
20	256QAM	50	24	19.53	19.56	19.71	19.55	19.45	20.50
20	256QAM	50	50	19.53	19.51	19.71	19.65	19.42	20.50
20	256QAM	100	0	19.49	19.47	19.65	19.52	19.45	20.50
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	21.00	20.87	21.08	20.93	20.87	22.00
15	QPSK	1	37	20.82	20.78	20.94	20.87	20.77	22.00
15	QPSK	1	74	20.63	20.78	20.90	20.91	20.64	22.00
15	QPSK	36	0	20.79	20.89	20.99	20.98	20.81	22.00
15	QPSK	36	20	20.72	20.80	20.97	20.88	20.87	22.00
15	QPSK	36	39	20.62	20.74	20.80	20.78	20.69	22.00
15	QPSK	75	0	20.75	20.61	20.87	20.78	20.56	22.00
15	16QAM	1	0	20.91	20.77	20.94	20.85	20.65	22.00
15	16QAM	1	37	20.86	20.72	21.00	20.92	20.71	22.00
15	16QAM	1	74	20.82	20.65	20.92	20.80	20.74	22.00
15	16QAM	36	0	20.86	20.84	21.08	20.87	20.82	22.00
15	16QAM	36	20	20.58	20.66	20.90	20.78	20.61	22.00
15	16QAM	36	39	20.88	20.85	21.11	20.83	20.92	22.00
15	16QAM	75	0	20.78	20.86	20.90	20.94	20.74	22.00
15	64QAM	1	0	20.95	20.89	21.03	20.95	20.71	22.00
15	64QAM	1	37	20.88	20.78	20.95	20.72	20.66	22.00
15	64QAM	1	74	20.89	20.77	21.02	20.86	20.75	22.00
15	64QAM	36	0	20.78	20.79	21.01	20.83	20.70	22.00
15	64QAM	36	20	20.90	20.83	21.05	20.91	20.73	22.00
15	64QAM	36	39	20.73	20.76	20.96	20.76	20.63	22.00
15	64QAM	75	0	20.68	20.66	20.78	20.73	20.71	22.00
15	256QAM	1	0	19.26	19.34	19.47	19.45	19.29	20.50
15	256QAM	1	37	19.33	19.19	19.40	19.23	19.13	20.50
15	256QAM	1	74	19.41	19.30	19.50	19.39	19.29	20.50
15	256QAM	36	0	19.36	19.27	19.45	19.26	19.18	20.50
15	256QAM	36	20	19.39	19.52	19.65	19.50	19.44	20.50
15	256QAM	36	39	19.39	19.37	19.59	19.56	19.39	20.50
15	256QAM	75	0	19.43	19.43	19.53	19.46	19.41	20.50
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	20.92	20.91	20.97	21.04	20.80	22.00
10	QPSK	1	25	20.82	20.64	20.97	20.88	20.77	22.00
10	QPSK	1	49	20.62	20.67	20.87	20.86	20.61	22.00

10	QPSK	25	0	20.78	20.88	20.93	20.91	20.76	22.00
10	QPSK	25	12	20.73	20.83	20.97	20.95	20.80	22.00
10	QPSK	25	25	20.70	20.77	20.89	20.74	20.63	22.00
10	QPSK	50	0	20.63	20.67	20.81	20.72	20.59	22.00
10	16QAM	1	0	20.84	20.85	21.01	20.86	20.67	22.00
10	16QAM	1	25	20.86	20.78	20.99	20.95	20.72	22.00
10	16QAM	1	49	20.73	20.72	20.96	20.76	20.64	22.00
10	16QAM	25	0	20.90	20.77	21.06	20.99	20.78	22.00
10	16QAM	25	12	20.66	20.64	20.87	20.73	20.63	22.00
10	16QAM	25	25	20.85	20.77	21.04	20.90	20.93	22.00
10	16QAM	50	0	20.81	20.79	21.01	20.86	20.72	22.00
10	64QAM	1	0	20.91	20.89	21.01	21.04	20.69	22.00
10	64QAM	1	25	20.85	20.82	21.00	20.79	20.70	22.00
10	64QAM	1	49	20.87	20.87	20.95	20.81	20.80	22.00
10	64QAM	25	0	20.80	20.76	20.91	20.86	20.69	22.00
10	64QAM	25	12	20.94	20.75	21.05	20.85	20.70	22.00
10	64QAM	25	25	20.76	20.76	20.95	20.82	20.74	22.00
10	64QAM	50	0	20.68	20.75	20.88	20.70	20.66	22.00
10	256QAM	1	0	19.21	19.30	19.44	19.37	19.26	20.50
10	256QAM	1	25	19.25	19.22	19.44	19.33	19.24	20.50
10	256QAM	1	49	19.40	19.29	19.59	19.31	19.35	20.50
10	256QAM	25	0	19.29	19.33	19.39	19.27	19.12	20.50
10	256QAM	25	12	19.45	19.51	19.60	19.41	19.41	20.50
10	256QAM	25	25	19.44	19.43	19.69	19.51	19.31	20.50
10	256QAM	50	0	19.40	19.43	19.52	19.38	19.38	20.50
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	20.97	20.96	21.03	21.03	20.90	22.00
5	QPSK	1	12	20.81	20.75	20.92	20.82	20.82	22.00
5	QPSK	1	24	20.71	20.70	20.90	20.81	20.71	22.00
5	QPSK	12	0	20.85	20.84	21.05	20.90	20.76	22.00
5	QPSK	12	7	20.76	20.76	21.01	20.93	20.87	22.00
5	QPSK	12	13	20.70	20.75	20.82	20.79	20.70	22.00
5	QPSK	25	0	20.71	20.70	20.87	20.79	20.66	22.00
5	16QAM	1	0	20.83	20.78	20.99	20.90	20.67	22.00
5	16QAM	1	12	20.91	20.79	21.01	20.91	20.71	22.00
5	16QAM	1	24	20.72	20.70	20.97	20.80	20.64	22.00
5	16QAM	12	0	20.82	20.80	21.05	20.89	20.86	22.00
5	16QAM	12	7	20.58	20.59	20.82	20.74	20.64	22.00
5	16QAM	12	13	20.81	20.81	21.09	20.80	20.86	22.00
5	16QAM	25	0	20.84	20.86	20.93	20.83	20.74	22.00
5	64QAM	1	0	20.90	20.83	20.99	21.02	20.76	22.00
5	64QAM	1	12	20.85	20.81	21.00	20.83	20.73	22.00
5	64QAM	1	24	20.79	20.87	21.05	20.81	20.81	22.00
5	64QAM	12	0	20.86	20.73	20.91	20.81	20.69	22.00
5	64QAM	12	7	20.86	20.81	21.02	20.93	20.70	22.00
5	64QAM	12	13	20.81	20.70	20.88	20.74	20.75	22.00
5	64QAM	25	0	20.78	20.66	20.78	20.64	20.59	22.00
5	256QAM	1	0	19.24	19.37	19.43	19.44	19.26	20.50
5	256QAM	1	12	19.22	19.18	19.43	19.20	19.13	20.50
5	256QAM	1	24	19.34	19.36	19.56	19.44	19.36	20.50
5	256QAM	12	0	19.30	19.33	19.47	19.34	19.10	20.50
5	256QAM	12	7	19.47	19.50	19.63	19.40	19.35	20.50
5	256QAM	12	13	19.43	19.45	19.61	19.61	19.37	20.50
5	256QAM	25	0	19.46	19.40	19.56	19.45	19.33	20.50

【LTE Band 41__FCC (2496~2690MHz)_Ant
7_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	21.03	20.99	21.10	21.07	20.94	22.00
20	QPSK	1	49	20.91	20.79	21.03	20.90	20.85	22.00
20	QPSK	1	99	20.77	20.79	20.98	20.92	20.73	22.00
20	QPSK	50	0	20.90	20.91	21.08	21.01	20.89	22.00
20	QPSK	50	24	20.85	20.85	21.07	20.99	20.89	22.00
20	QPSK	50	50	20.74	20.78	20.92	20.83	20.73	22.00

20	QPSK	100	0	20.76	20.75	20.92	20.80	20.71	22.00
20	16QAM	1	0	20.95	20.86	21.05	20.99	20.74	22.00
20	16QAM	1	49	20.93	20.83	21.08	20.99	20.86	22.00
20	16QAM	1	99	20.86	20.74	21.00	20.91	20.79	22.00
20	16QAM	50	0	20.97	20.88	21.11	21.02	20.92	22.00
20	16QAM	50	24	20.72	20.71	20.91	20.85	20.69	22.00
20	16QAM	50	50	20.94	20.90	21.12	20.95	20.94	22.00
20	16QAM	100	0	20.89	20.87	21.05	20.97	20.86	22.00
20	64QAM	1	0	21.03	20.94	21.13	21.06	20.82	22.00
20	64QAM	1	49	20.92	20.88	21.04	20.87	20.81	22.00
20	64QAM	1	99	20.93	20.90	21.07	20.93	20.87	22.00
20	64QAM	50	0	20.89	20.86	21.03	20.91	20.80	22.00
20	64QAM	50	24	21.01	20.87	21.13	20.97	20.85	22.00
20	64QAM	50	50	20.82	20.84	21.02	20.85	20.78	22.00
20	64QAM	100	0	20.82	20.78	20.91	20.75	20.73	22.00
20	256QAM	1	0	19.35	19.40	19.55	19.47	19.35	20.50
20	256QAM	1	49	19.35	19.29	19.52	19.35	19.25	20.50
20	256QAM	1	99	19.46	19.39	19.63	19.46	19.39	20.50
20	256QAM	50	0	19.38	19.35	19.51	19.35	19.22	20.50
20	256QAM	50	24	19.53	19.56	19.71	19.55	19.45	20.50
20	256QAM	50	50	19.53	19.51	19.71	19.65	19.42	20.50
20	256QAM	100	0	19.49	19.47	19.65	19.52	19.45	20.50
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	21.00	20.87	21.08	20.93	20.87	22.00
15	QPSK	1	37	20.82	20.78	20.94	20.87	20.77	22.00
15	QPSK	1	74	20.63	20.78	20.90	20.91	20.64	22.00
15	QPSK	36	0	20.79	20.89	20.99	20.98	20.81	22.00
15	QPSK	36	20	20.72	20.80	20.97	20.88	20.87	22.00
15	QPSK	36	39	20.62	20.74	20.80	20.78	20.69	22.00
15	QPSK	75	0	20.75	20.61	20.87	20.78	20.56	22.00
15	16QAM	1	0	20.91	20.77	20.94	20.85	20.65	22.00
15	16QAM	1	37	20.86	20.72	21.00	20.92	20.71	22.00
15	16QAM	1	74	20.82	20.65	20.92	20.80	20.74	22.00
15	16QAM	36	0	20.86	20.84	21.08	20.87	20.82	22.00
15	16QAM	36	20	20.58	20.66	20.90	20.78	20.61	22.00
15	16QAM	36	39	20.88	20.85	21.11	20.83	20.92	22.00
15	16QAM	75	0	20.78	20.86	20.90	20.94	20.74	22.00
15	64QAM	1	0	20.95	20.89	21.03	20.95	20.71	22.00
15	64QAM	1	37	20.88	20.78	20.95	20.72	20.66	22.00
15	64QAM	1	74	20.89	20.77	21.02	20.86	20.75	22.00
15	64QAM	36	0	20.78	20.79	21.01	20.83	20.70	22.00
15	64QAM	36	20	20.90	20.83	21.05	20.91	20.73	22.00
15	64QAM	36	39	20.73	20.76	20.96	20.76	20.63	22.00
15	64QAM	75	0	20.68	20.66	20.78	20.73	20.71	22.00
15	256QAM	1	0	19.26	19.34	19.47	19.45	19.29	20.50
15	256QAM	1	37	19.33	19.19	19.40	19.23	19.13	20.50
15	256QAM	1	74	19.41	19.30	19.50	19.39	19.29	20.50
15	256QAM	36	0	19.36	19.27	19.45	19.26	19.18	20.50
15	256QAM	36	20	19.39	19.52	19.65	19.50	19.44	20.50
15	256QAM	36	39	19.39	19.37	19.59	19.56	19.39	20.50
15	256QAM	75	0	19.43	19.43	19.53	19.46	19.41	20.50
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	20.92	20.91	20.97	21.04	20.80	22.00
10	QPSK	1	25	20.82	20.64	20.97	20.88	20.77	22.00
10	QPSK	1	49	20.62	20.67	20.87	20.86	20.61	22.00
10	QPSK	25	0	20.78	20.88	20.93	20.91	20.76	22.00
10	QPSK	25	12	20.73	20.83	20.97	20.95	20.80	22.00
10	QPSK	25	25	20.70	20.77	20.89	20.74	20.63	22.00
10	QPSK	50	0	20.63	20.67	20.81	20.72	20.59	22.00
10	16QAM	1	0	20.84	20.85	21.01	20.86	20.67	22.00
10	16QAM	1	25	20.86	20.78	20.99	20.95	20.72	22.00
10	16QAM	1	49	20.73	20.72	20.96	20.76	20.64	22.00
10	16QAM	25	0	20.90	20.77	21.06	20.99	20.78	22.00
10	16QAM	25	12	20.66	20.64	20.87	20.73	20.63	22.00
10	16QAM	25	25	20.85	20.77	21.04	20.90	20.93	22.00
10	16QAM	50	0	20.81	20.79	21.01	20.86	20.72	22.00
10	64QAM	1	0	20.91	20.89	21.01	21.04	20.69	22.00
10	64QAM	1	25	20.85	20.82	21.00	20.79	20.70	22.00
10	64QAM	1	49	20.87	20.87	20.95	20.81	20.80	22.00
10	64QAM	25	0	20.80	20.76	20.91	20.86	20.69	22.00
10	64QAM	25	12	20.94	20.75	21.05	20.85	20.70	22.00

10	64QAM	25	25	20.76	20.76	20.95	20.82	20.74	22.00
10	64QAM	50	0	20.68	20.75	20.88	20.70	20.66	22.00
10	256QAM	1	0	19.21	19.30	19.44	19.37	19.26	20.50
10	256QAM	1	25	19.25	19.22	19.44	19.33	19.24	20.50
10	256QAM	1	49	19.40	19.29	19.59	19.31	19.35	20.50
10	256QAM	25	0	19.29	19.33	19.39	19.27	19.12	20.50
10	256QAM	25	12	19.45	19.51	19.60	19.41	19.41	20.50
10	256QAM	25	25	19.44	19.43	19.69	19.51	19.31	20.50
10	256QAM	50	0	19.40	19.43	19.52	19.38	19.38	20.50
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	20.97	20.96	21.03	21.03	20.90	22.00
5	QPSK	1	12	20.81	20.75	20.92	20.82	20.82	22.00
5	QPSK	1	24	20.71	20.70	20.90	20.81	20.71	22.00
5	QPSK	12	0	20.85	20.84	21.05	20.90	20.76	22.00
5	QPSK	12	7	20.76	20.76	21.01	20.93	20.87	22.00
5	QPSK	12	13	20.70	20.75	20.82	20.79	20.70	22.00
5	QPSK	25	0	20.71	20.70	20.87	20.79	20.66	22.00
5	16QAM	1	0	20.83	20.78	20.99	20.90	20.67	22.00
5	16QAM	1	12	20.91	20.79	21.01	20.91	20.71	22.00
5	16QAM	1	24	20.72	20.70	20.97	20.80	20.64	22.00
5	16QAM	12	0	20.82	20.80	21.05	20.89	20.86	22.00
5	16QAM	12	7	20.58	20.59	20.82	20.74	20.64	22.00
5	16QAM	12	13	20.81	20.81	21.09	20.80	20.86	22.00
5	16QAM	25	0	20.84	20.86	20.93	20.83	20.74	22.00
5	64QAM	1	0	20.90	20.83	20.99	21.02	20.76	22.00
5	64QAM	1	12	20.85	20.81	21.00	20.83	20.73	22.00
5	64QAM	1	24	20.79	20.87	21.05	20.81	20.81	22.00
5	64QAM	12	0	20.86	20.73	20.91	20.81	20.69	22.00
5	64QAM	12	7	20.86	20.81	21.02	20.93	20.70	22.00
5	64QAM	12	13	20.81	20.70	20.88	20.74	20.75	22.00
5	64QAM	25	0	20.78	20.66	20.78	20.64	20.59	22.00
5	256QAM	1	0	19.24	19.37	19.43	19.44	19.26	20.50
5	256QAM	1	12	19.22	19.18	19.43	19.20	19.13	20.50
5	256QAM	1	24	19.34	19.36	19.56	19.44	19.36	20.50
5	256QAM	12	0	19.30	19.33	19.47	19.34	19.10	20.50
5	256QAM	12	7	19.47	19.50	19.63	19.40	19.35	20.50
5	256QAM	12	13	19.43	19.45	19.61	19.61	19.37	20.50
5	256QAM	25	0	19.46	19.40	19.56	19.45	19.33	20.50

【LTE Band 41__FCC (2496~2690MHz)_Ant
7_DSI 5】

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	18.40	18.41	18.53	18.48	18.49	19.50
20	QPSK	1	49	18.26	18.18	18.42	18.34	18.35	19.50
20	QPSK	1	99	18.22	18.31	18.43	18.38	18.35	19.50
20	QPSK	50	0	18.38	18.40	18.52	18.40	18.46	19.50
20	QPSK	50	24	18.29	18.29	18.48	18.30	18.38	19.50
20	QPSK	50	50	18.24	18.19	18.44	18.26	18.36	19.50
20	QPSK	100	0	18.31	18.39	18.52	18.43	18.37	19.50
20	16QAM	1	0	18.34	18.33	18.51	18.37	18.45	19.50
20	16QAM	1	49	18.32	18.39	18.52	18.35	18.46	19.50
20	16QAM	1	99	18.46	18.45	18.63	18.57	18.48	19.50
20	16QAM	50	0	18.31	18.35	18.50	18.36	18.42	19.50
20	16QAM	50	24	18.32	18.35	18.48	18.39	18.32	19.50
20	16QAM	50	50	18.43	18.46	18.59	18.49	18.49	19.50
20	16QAM	100	0	18.29	18.43	18.54	18.44	18.45	19.50
20	64QAM	1	0	18.37	18.39	18.54	18.43	18.38	19.50
20	64QAM	1	49	18.38	18.33	18.55	18.46	18.50	19.50
20	64QAM	1	99	18.21	18.22	18.43	18.28	18.38	19.50
20	64QAM	50	0	18.34	18.30	18.52	18.34	18.41	19.50
20	64QAM	50	24	18.29	18.27	18.44	18.28	18.40	19.50
20	64QAM	50	50	18.37	18.45	18.57	18.48	18.49	19.50
20	64QAM	100	0	18.28	18.29	18.49	18.36	18.35	19.50
20	256QAM	1	0	18.34	18.26	18.48	18.42	18.43	19.50

20	256QAM	1	49	18.36	18.40	18.59	18.54	18.49	19.50
20	256QAM	1	99	18.41	18.42	18.60	18.48	18.56	19.50
20	256QAM	50	0	18.27	18.25	18.48	18.32	18.34	19.50
20	256QAM	50	24	18.34	18.37	18.52	18.45	18.38	19.50
20	256QAM	50	50	18.42	18.45	18.60	18.56	18.48	19.50
20	256QAM	100	0	18.21	18.30	18.44	18.36	18.37	19.50
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	18.30	18.35	18.42	18.39	18.38	19.50
15	QPSK	1	37	18.12	18.06	18.28	18.26	18.21	19.50
15	QPSK	1	74	18.10	18.29	18.31	18.23	18.30	19.50
15	QPSK	36	0	18.31	18.25	18.44	18.39	18.37	19.50
15	QPSK	36	20	18.26	18.23	18.45	18.18	18.37	19.50
15	QPSK	36	39	18.15	18.12	18.42	18.16	18.29	19.50
15	QPSK	75	0	18.27	18.28	18.49	18.42	18.28	19.50
15	16QAM	1	0	18.28	18.25	18.38	18.35	18.38	19.50
15	16QAM	1	37	18.26	18.36	18.42	18.25	18.39	19.50
15	16QAM	1	74	18.35	18.43	18.57	18.53	18.39	19.50
15	16QAM	36	0	18.26	18.25	18.39	18.32	18.39	19.50
15	16QAM	36	20	18.30	18.27	18.46	18.32	18.25	19.50
15	16QAM	36	39	18.34	18.39	18.54	18.40	18.36	19.50
15	16QAM	75	0	18.23	18.40	18.52	18.37	18.35	19.50
15	64QAM	1	0	18.27	18.29	18.40	18.29	18.28	19.50
15	64QAM	1	37	18.24	18.24	18.49	18.40	18.43	19.50
15	64QAM	1	74	18.16	18.15	18.40	18.22	18.23	19.50
15	64QAM	36	0	18.27	18.18	18.47	18.19	18.37	19.50
15	64QAM	36	20	18.23	18.12	18.39	18.27	18.35	19.50
15	64QAM	36	39	18.22	18.33	18.55	18.40	18.35	19.50
15	64QAM	75	0	18.15	18.19	18.46	18.22	18.28	19.50
15	256QAM	1	0	18.23	18.16	18.45	18.32	18.29	19.50
15	256QAM	1	37	18.23	18.25	18.51	18.51	18.45	19.50
15	256QAM	1	74	18.31	18.27	18.52	18.39	18.45	19.50
15	256QAM	36	0	18.20	18.18	18.39	18.29	18.21	19.50
15	256QAM	36	20	18.27	18.35	18.40	18.38	18.28	19.50
15	256QAM	36	39	18.34	18.41	18.53	18.54	18.42	19.50
15	256QAM	75	0	18.11	18.21	18.38	18.34	18.34	19.50
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	18.29	18.37	18.43	18.39	18.42	19.50
10	QPSK	1	25	18.20	18.15	18.37	18.20	18.32	19.50
10	QPSK	1	49	18.20	18.27	18.31	18.28	18.25	19.50
10	QPSK	25	0	18.34	18.32	18.40	18.32	18.40	19.50
10	QPSK	25	12	18.22	18.19	18.45	18.21	18.30	19.50
10	QPSK	25	25	18.21	18.15	18.34	18.21	18.23	19.50
10	QPSK	50	0	18.24	18.29	18.48	18.30	18.29	19.50
10	16QAM	1	0	18.30	18.31	18.39	18.29	18.32	19.50
10	16QAM	1	25	18.18	18.32	18.41	18.33	18.40	19.50
10	16QAM	1	49	18.44	18.33	18.53	18.46	18.40	19.50
10	16QAM	25	0	18.17	18.29	18.37	18.27	18.35	19.50
10	16QAM	25	12	18.27	18.31	18.47	18.29	18.28	19.50
10	16QAM	25	25	18.37	18.33	18.50	18.38	18.41	19.50
10	16QAM	50	0	18.19	18.39	18.47	18.34	18.44	19.50
10	64QAM	1	0	18.26	18.27	18.41	18.30	18.26	19.50
10	64QAM	1	25	18.34	18.28	18.44	18.40	18.47	19.50
10	64QAM	1	49	18.18	18.17	18.39	18.24	18.27	19.50
10	64QAM	25	0	18.23	18.20	18.40	18.23	18.33	19.50
10	64QAM	25	12	18.24	18.26	18.39	18.14	18.27	19.50
10	64QAM	25	25	18.34	18.38	18.48	18.36	18.42	19.50
10	64QAM	50	0	18.24	18.16	18.42	18.34	18.32	19.50
10	256QAM	1	0	18.24	18.14	18.44	18.36	18.34	19.50
10	256QAM	1	25	18.28	18.39	18.52	18.47	18.39	19.50
10	256QAM	1	49	18.31	18.32	18.51	18.40	18.52	19.50
10	256QAM	25	0	18.14	18.14	18.43	18.18	18.29	19.50
10	256QAM	25	12	18.23	18.26	18.49	18.42	18.31	19.50
10	256QAM	25	25	18.36	18.38	18.58	18.41	18.43	19.50
10	256QAM	50	0	18.11	18.16	18.29	18.22	18.25	19.50
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	18.26	18.31	18.42	18.42	18.45	19.50
5	QPSK	1	12	18.14	18.06	18.32	18.25	18.30	19.50
5	QPSK	1	24	18.07	18.21	18.30	18.24	18.30	19.50
5	QPSK	12	0	18.28	18.33	18.45	18.30	18.37	19.50

5	QPSK	12	7	18.25	18.16	18.46	18.24	18.26	19.50
5	QPSK	12	13	18.13	18.16	18.36	18.14	18.29	19.50
5	QPSK	25	0	18.21	18.29	18.43	18.40	18.25	19.50
5	16QAM	1	0	18.19	18.31	18.39	18.35	18.42	19.50
5	16QAM	1	12	18.27	18.30	18.50	18.32	18.31	19.50
5	16QAM	1	24	18.36	18.40	18.52	18.42	18.47	19.50
5	16QAM	12	0	18.22	18.29	18.49	18.31	18.28	19.50
5	16QAM	12	7	18.19	18.21	18.43	18.27	18.27	19.50
5	16QAM	12	13	18.29	18.40	18.57	18.48	18.36	19.50
5	16QAM	25	0	18.25	18.32	18.50	18.32	18.41	19.50
5	64QAM	1	0	18.30	18.37	18.46	18.32	18.23	19.50
5	64QAM	1	12	18.29	18.30	18.46	18.42	18.48	19.50
5	64QAM	1	24	18.09	18.17	18.38	18.21	18.28	19.50
5	64QAM	12	0	18.24	18.25	18.50	18.22	18.34	19.50
5	64QAM	12	7	18.26	18.18	18.41	18.23	18.29	19.50
5	64QAM	12	13	18.22	18.44	18.48	18.36	18.42	19.50
5	64QAM	25	0	18.22	18.23	18.47	18.29	18.23	19.50
5	256QAM	1	0	18.29	18.25	18.34	18.29	18.38	19.50
5	256QAM	1	12	18.29	18.38	18.48	18.44	18.43	19.50
5	256QAM	1	24	18.30	18.39	18.55	18.45	18.54	19.50
5	256QAM	12	0	18.13	18.14	18.42	18.22	18.23	19.50
5	256QAM	12	7	18.20	18.23	18.51	18.41	18.35	19.50
5	256QAM	12	13	18.30	18.42	18.56	18.49	18.40	19.50
5	256QAM	25	0	18.14	18.27	18.35	18.32	18.30	19.50

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

8_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	Tune-up limit (dBm)
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	24.62	24.66	24.58	25.70
20	QPSK	1	49	24.38	24.56	24.36	25.70
20	QPSK	1	99	24.30	24.47	24.30	25.70
20	QPSK	50	0	23.49	23.67	23.51	24.70
20	QPSK	50	24	23.41	23.59	23.37	24.70
20	QPSK	50	50	23.34	23.52	23.31	24.70
20	QPSK	100	0	23.44	23.61	23.43	24.70
20	16QAM	1	0	23.50	23.66	23.50	24.70
20	16QAM	1	49	23.70	23.81	23.72	24.70
20	16QAM	1	99	23.50	23.62	23.40	24.70
20	16QAM	50	0	22.44	22.62	22.40	23.70
20	16QAM	50	24	22.46	22.64	22.45	23.70
20	16QAM	50	50	22.74	22.83	22.66	23.70
20	16QAM	100	0	22.49	22.63	22.50	23.70
20	64QAM	1	0	22.45	22.58	22.43	23.70
20	64QAM	1	49	22.51	22.62	22.50	23.70
20	64QAM	1	99	22.60	22.75	22.56	23.70
20	64QAM	50	0	21.46	21.51	21.30	22.70
20	64QAM	50	24	21.51	21.69	21.59	22.70
20	64QAM	50	50	21.53	21.69	21.55	22.70
20	64QAM	100	0	21.59	21.66	21.52	22.70
20	256QAM	1	0	19.43	19.61	19.45	20.70
20	256QAM	1	49	19.75	19.82	19.61	20.70
20	256QAM	1	99	19.82	19.93	19.85	20.70
20	256QAM	50	0	19.32	19.38	19.31	20.70
20	256QAM	50	24	19.57	19.61	19.45	20.70
20	256QAM	50	50	19.74	19.79	19.67	20.70
20	256QAM	100	0	19.56	19.64	19.48	20.70
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	24.60	24.57	24.46	25.70
15	QPSK	1	37	24.35	24.43	24.30	25.70
15	QPSK	1	74	24.30	24.41	24.31	25.70
15	QPSK	36	0	23.40	23.65	23.41	24.70
15	QPSK	36	20	23.37	23.56	23.31	24.70
15	QPSK	36	39	23.30	23.38	23.30	24.70
15	QPSK	75	0	23.40	23.54	23.32	24.70
15	16QAM	1	0	23.36	23.61	23.48	24.70

15	16QAM	1	37	23.56	23.73	23.62	24.70
15	16QAM	1	74	23.42	23.53	23.31	24.70
15	16QAM	36	0	22.37	22.53	22.32	23.70
15	16QAM	36	20	22.41	22.63	22.35	23.70
15	16QAM	36	39	22.60	22.71	22.54	23.70
15	16QAM	75	0	22.39	22.52	22.41	23.70
15	64QAM	1	0	22.31	22.57	22.39	23.70
15	64QAM	1	37	22.39	22.49	22.46	23.70
15	64QAM	1	74	22.45	22.68	22.42	23.70
15	64QAM	36	0	21.42	21.42	21.30	22.70
15	64QAM	36	20	21.46	21.58	21.56	22.70
15	64QAM	36	39	21.42	21.63	21.44	22.70
15	64QAM	75	0	21.47	21.54	21.45	22.70
15	256QAM	1	0	19.33	19.54	19.43	20.70
15	256QAM	1	37	19.63	19.71	19.57	20.70
15	256QAM	1	74	19.72	19.89	19.75	20.70
15	256QAM	36	0	19.30	19.32	19.31	20.70
15	256QAM	36	20	19.47	19.48	19.41	20.70
15	256QAM	36	39	19.67	19.69	19.55	20.70
15	256QAM	75	0	19.42	19.57	19.38	20.70
Channel				42140	42590	43040	Tune-up limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	24.55	24.62	24.49	25.70
10	QPSK	1	25	24.30	24.44	24.30	25.70
10	QPSK	1	49	24.30	24.42	24.31	25.70
10	QPSK	25	0	23.37	23.53	23.38	24.70
10	QPSK	25	12	23.33	23.49	23.34	24.70
10	QPSK	25	25	23.30	23.43	23.30	24.70
10	QPSK	50	0	23.42	23.56	23.32	24.70
10	16QAM	1	0	23.36	23.63	23.43	24.70
10	16QAM	1	25	23.65	23.79	23.61	24.70
10	16QAM	1	49	23.41	23.55	23.35	24.70
10	16QAM	25	0	22.36	22.61	22.30	23.70
10	16QAM	25	12	22.43	22.51	22.35	23.70
10	16QAM	25	25	22.68	22.81	22.58	23.70
10	16QAM	50	0	22.36	22.50	22.38	23.70
10	64QAM	1	0	22.30	22.46	22.32	23.70
10	64QAM	1	25	22.44	22.61	22.37	23.70
10	64QAM	1	49	22.51	22.70	22.54	23.70
10	64QAM	25	0	21.44	21.40	21.30	22.70
10	64QAM	25	12	21.48	21.58	21.56	22.70
10	64QAM	25	25	21.47	21.58	21.50	22.70
10	64QAM	50	0	21.49	21.63	21.50	22.70
10	256QAM	1	0	19.36	19.58	19.36	20.70
10	256QAM	1	25	19.69	19.73	19.48	20.70
10	256QAM	1	49	19.68	19.91	19.70	20.70
10	256QAM	25	0	19.31	19.30	19.31	20.70
10	256QAM	25	12	19.43	19.51	19.33	20.70
10	256QAM	25	25	19.71	19.75	19.63	20.70
10	256QAM	50	0	19.49	19.53	19.35	20.70
Channel				42115	42590	43065	Tune-up limit (dBm)
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	24.47	24.58	24.52	25.70
5	QPSK	1	12	24.32	24.49	24.30	25.70
5	QPSK	1	24	24.30	24.34	24.30	25.70
5	QPSK	12	0	23.36	23.54	23.37	24.70
5	QPSK	12	7	23.32	23.51	23.36	24.70
5	QPSK	12	13	23.31	23.38	23.30	24.70
5	QPSK	25	0	23.36	23.57	23.36	24.70
5	16QAM	1	0	23.43	23.54	23.45	24.70
5	16QAM	1	12	23.57	23.79	23.65	24.70
5	16QAM	1	24	23.38	23.57	23.31	24.70
5	16QAM	12	0	22.32	22.58	22.31	23.70
5	16QAM	12	7	22.40	22.53	22.41	23.70
5	16QAM	12	13	22.62	22.79	22.58	23.70
5	16QAM	25	0	22.38	22.51	22.49	23.70
5	64QAM	1	0	22.31	22.44	22.39	23.70
5	64QAM	1	12	22.40	22.49	22.38	23.70
5	64QAM	1	24	22.45	22.72	22.52	23.70
5	64QAM	12	0	21.33	21.39	21.30	22.70
5	64QAM	12	7	21.37	21.60	21.52	22.70
5	64QAM	12	13	21.41	21.68	21.54	22.70
5	64QAM	25	0	21.45	21.64	21.48	22.70
5	256QAM	1	0	19.35	19.52	19.39	20.70

5	256QAM	1	12	19.66	19.67	19.50	20.70
5	256QAM	1	24	19.68	19.81	19.79	20.70
5	256QAM	12	0	19.32	19.36	19.30	20.70
5	256QAM	12	7	19.45	19.56	19.40	20.70
5	256QAM	12	13	19.66	19.69	19.60	20.70
5	256QAM	25	0	19.44	19.54	19.45	20.70

【LTE Band 42 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant
8_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	16.86	16.97	16.89	17.70
20	QPSK	1	49	16.70	16.84	16.74	17.70
20	QPSK	1	99	16.81	16.86	16.82	17.70
20	QPSK	50	0	16.79	16.95	16.85	17.70
20	QPSK	50	24	16.68	16.83	16.72	17.70
20	QPSK	50	50	16.64	16.82	16.70	17.70
20	QPSK	100	0	16.80	16.85	16.71	17.70
20	16QAM	1	0	16.72	16.85	16.82	17.70
20	16QAM	1	49	16.80	16.91	16.85	17.70
20	16QAM	1	99	16.77	16.83	16.69	17.70
20	16QAM	50	0	16.96	17.02	16.87	17.70
20	16QAM	50	24	16.73	16.81	16.75	17.70
20	16QAM	50	50	16.95	17.01	16.89	17.70
20	16QAM	100	0	16.65	16.79	16.74	17.70
20	64QAM	1	0	16.90	16.98	16.83	17.70
20	64QAM	1	49	16.70	16.86	16.75	17.70
20	64QAM	1	99	16.78	16.94	16.82	17.70
20	64QAM	50	0	16.95	17.01	16.95	17.70
20	64QAM	50	24	16.83	16.90	16.81	17.70
20	64QAM	50	50	16.75	16.92	16.78	17.70
20	64QAM	100	0	16.84	17.00	16.86	17.70
20	256QAM	1	0	16.70	16.88	16.74	17.70
20	256QAM	1	49	16.63	16.81	16.75	17.70
20	256QAM	1	99	16.93	16.99	16.95	17.70
20	256QAM	50	0	16.80	16.94	16.79	17.70
20	256QAM	50	24	16.73	16.82	16.68	17.70
20	256QAM	50	50	16.68	16.86	16.80	17.70
20	256QAM	100	0	16.85	16.93	16.79	17.70
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	16.73	16.87	16.87	17.70
15	QPSK	1	37	16.62	16.74	16.69	17.70
15	QPSK	1	74	16.67	16.81	16.76	17.70
15	QPSK	36	0	16.71	16.81	16.76	17.70
15	QPSK	36	20	16.63	16.78	16.68	17.70
15	QPSK	36	39	16.53	16.67	16.58	17.70
15	QPSK	75	0	16.69	16.81	16.59	17.70
15	16QAM	1	0	16.64	16.75	16.67	17.70
15	16QAM	1	37	16.69	16.77	16.82	17.70
15	16QAM	1	74	16.62	16.73	16.66	17.70
15	16QAM	36	0	16.95	16.93	16.79	17.70
15	16QAM	36	20	16.61	16.69	16.64	17.70
15	16QAM	36	39	16.84	16.92	16.83	17.70
15	16QAM	75	0	16.60	16.69	16.71	17.70
15	64QAM	1	0	16.77	16.92	16.69	17.70
15	64QAM	1	37	16.60	16.82	16.69	17.70
15	64QAM	1	74	16.77	16.83	16.71	17.70
15	64QAM	36	0	16.84	16.95	16.87	17.70
15	64QAM	36	20	16.72	16.87	16.67	17.70
15	64QAM	36	39	16.70	16.84	16.65	17.70
15	64QAM	75	0	16.72	16.94	16.75	17.70
15	256QAM	1	0	16.64	16.74	16.59	17.70
15	256QAM	1	37	16.61	16.74	16.66	17.70
15	256QAM	1	74	16.88	16.93	16.82	17.70
15	256QAM	36	0	16.67	16.82	16.65	17.70
15	256QAM	36	20	16.59	16.71	16.55	17.70

15	256QAM	36	39	16.59	16.76	16.72	17.70
15	256QAM	75	0	16.75	16.80	16.70	17.70
Channel				42140	42590	43040	Tune-up limit
Frequency (MHz)				3455	3500	3545	(dBm)
10	QPSK	1	0	16.81	16.81	16.87	17.70
10	QPSK	1	25	16.59	16.77	16.62	17.70
10	QPSK	1	49	16.67	16.74	16.69	17.70
10	QPSK	25	0	16.77	16.84	16.80	17.70
10	QPSK	25	12	16.64	16.80	16.70	17.70
10	QPSK	25	25	16.61	16.81	16.63	17.70
10	QPSK	50	0	16.77	16.78	16.68	17.70
10	16QAM	1	0	16.66	16.76	16.74	17.70
10	16QAM	1	25	16.73	16.81	16.81	17.70
10	16QAM	1	49	16.68	16.82	16.60	17.70
10	16QAM	25	0	16.87	16.88	16.79	17.70
10	16QAM	25	12	16.61	16.69	16.61	17.70
10	16QAM	25	25	16.81	16.96	16.78	17.70
10	16QAM	50	0	16.62	16.64	16.59	17.70
10	64QAM	1	0	16.77	16.84	16.71	17.70
10	64QAM	1	25	16.57	16.71	16.72	17.70
10	64QAM	1	49	16.73	16.83	16.78	17.70
10	64QAM	25	0	16.93	16.92	16.81	17.70
10	64QAM	25	12	16.70	16.81	16.70	17.70
10	64QAM	25	25	16.73	16.83	16.68	17.70
10	64QAM	50	0	16.70	16.88	16.77	17.70
10	256QAM	1	0	16.65	16.76	16.71	17.70
10	256QAM	1	25	16.60	16.69	16.64	17.70
10	256QAM	1	49	16.83	16.89	16.87	17.70
10	256QAM	25	0	16.75	16.87	16.65	17.70
10	256QAM	25	12	16.63	16.77	16.55	17.70
10	256QAM	25	25	16.62	16.75	16.72	17.70
10	256QAM	50	0	16.84	16.79	16.78	17.70
Channel				42115	42590	43065	Tune-up limit
Frequency (MHz)				3452.5	3500	3547.5	(dBm)
5	QPSK	1	0	16.81	16.78	16.84	17.70
5	QPSK	1	12	16.69	16.72	16.70	17.70
5	QPSK	1	24	16.76	16.81	16.75	17.70
5	QPSK	12	0	16.68	16.81	16.77	17.70
5	QPSK	12	7	16.59	16.69	16.58	17.70
5	QPSK	12	13	16.52	16.80	16.58	17.70
5	QPSK	25	0	16.76	16.76	16.68	17.70
5	16QAM	1	0	16.61	16.83	16.70	17.70
5	16QAM	1	12	16.73	16.89	16.79	17.70
5	16QAM	1	24	16.72	16.77	16.60	17.70
5	16QAM	12	0	16.83	16.87	16.82	17.70
5	16QAM	12	7	16.72	16.80	16.73	17.70
5	16QAM	12	13	16.94	16.94	16.86	17.70
5	16QAM	25	0	16.50	16.74	16.66	17.70
5	64QAM	1	0	16.87	16.93	16.79	17.70
5	64QAM	1	12	16.68	16.75	16.69	17.70
5	64QAM	1	24	16.67	16.91	16.73	17.70
5	64QAM	12	0	16.88	16.95	16.90	17.70
5	64QAM	12	7	16.70	16.82	16.71	17.70
5	64QAM	12	13	16.67	16.78	16.67	17.70
5	64QAM	25	0	16.73	16.94	16.84	17.70
5	256QAM	1	0	16.63	16.80	16.70	17.70
5	256QAM	1	12	16.54	16.72	16.65	17.70
5	256QAM	1	24	16.81	16.97	16.91	17.70
5	256QAM	12	0	16.70	16.89	16.65	17.70
5	256QAM	12	7	16.59	16.73	16.61	17.70
5	256QAM	12	13	16.57	16.73	16.68	17.70
5	256QAM	25	0	16.83	16.86	16.72	17.70

【LTE Band 42 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant
8_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	18.09	18.12	18.06	19.20
20	QPSK	1	49	18.04	18.10	17.90	19.20
20	QPSK	1	99	17.93	18.02	17.93	19.20
20	QPSK	50	0	18.03	18.10	18.05	19.20
20	QPSK	50	24	17.92	18.01	17.89	19.20
20	QPSK	50	50	18.02	18.06	18.01	19.20
20	QPSK	100	0	18.04	18.09	18.01	19.20
20	16QAM	1	0	18.05	18.21	18.11	19.20
20	16QAM	1	49	17.90	18.00	17.83	19.20
20	16QAM	1	99	17.84	18.01	17.82	19.20
20	16QAM	50	0	18.04	18.12	18.01	19.20
20	16QAM	50	24	18.06	18.23	18.06	19.20
20	16QAM	50	50	18.01	18.14	17.94	19.20
20	16QAM	100	0	17.97	18.06	17.87	19.20
20	64QAM	1	0	18.01	18.10	18.01	19.20
20	64QAM	1	49	18.03	18.07	17.88	19.20
20	64QAM	1	99	18.06	18.22	18.06	19.20
20	64QAM	50	0	17.99	18.05	17.97	19.20
20	64QAM	50	24	17.95	18.00	17.87	19.20
20	64QAM	50	50	17.97	18.06	17.89	19.20
20	64QAM	100	0	18.12	18.23	18.06	19.20
20	256QAM	1	0	17.92	18.07	17.86	19.20
20	256QAM	1	49	18.10	18.23	18.05	19.20
20	256QAM	1	99	17.88	18.03	17.89	19.20
20	256QAM	50	0	18.04	18.14	18.06	19.20
20	256QAM	50	24	18.09	18.15	18.06	19.20
20	256QAM	50	50	18.14	18.20	18.12	19.20
20	256QAM	100	0	17.93	18.04	17.90	19.20
Channel				42165	42590	43015	
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	18.06	17.97	17.92	19.20
15	QPSK	1	37	17.93	18.07	17.80	19.20
15	QPSK	1	74	17.91	18.01	17.82	19.20
15	QPSK	36	0	17.90	18.00	17.89	19.20
15	QPSK	36	20	17.80	17.86	17.81	19.20
15	QPSK	36	39	17.96	18.07	17.98	19.20
15	QPSK	75	0	18.13	18.16	17.97	19.20
15	16QAM	1	0	17.95	18.09	18.04	19.20
15	16QAM	1	37	17.80	17.91	17.81	19.20
15	16QAM	1	74	17.81	17.89	17.81	19.20
15	16QAM	36	0	17.97	18.04	17.86	19.20
15	16QAM	36	20	17.92	18.10	18.01	19.20
15	16QAM	36	39	17.88	18.01	17.88	19.20
15	16QAM	75	0	17.93	17.92	17.81	19.20
15	64QAM	1	0	17.90	18.02	17.93	19.20
15	64QAM	1	37	17.93	18.04	17.80	19.20
15	64QAM	1	74	17.96	18.20	17.96	19.20
15	64QAM	36	0	17.88	18.01	17.94	19.20
15	64QAM	36	20	17.88	17.86	17.80	19.20
15	64QAM	36	39	17.85	17.97	17.86	19.20
15	64QAM	75	0	18.01	18.13	18.03	19.20
15	256QAM	1	0	17.80	17.99	17.81	19.20
15	256QAM	1	37	17.97	18.09	17.92	19.20
15	256QAM	1	74	17.81	17.89	17.84	19.20
15	256QAM	36	0	17.92	18.13	17.94	19.20
15	256QAM	36	20	18.05	18.01	18.02	19.20
15	256QAM	36	39	18.11	18.09	18.04	19.20
15	256QAM	75	0	17.90	17.94	17.86	19.20
Channel				42140	42590	43040	
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	17.94	18.07	17.94	19.20
10	QPSK	1	25	18.02	17.97	17.86	19.20
10	QPSK	1	49	17.82	17.93	17.89	19.20
10	QPSK	25	0	17.91	17.92	17.92	19.20
10	QPSK	25	12	17.80	17.91	17.80	19.20

10	QPSK	25	25	17.94	18.05	17.89	19.20
10	QPSK	50	0	18.04	18.14	17.96	19.20
10	16QAM	1	0	17.99	18.17	17.99	19.20
10	16QAM	1	25	17.88	17.87	17.80	19.20
10	16QAM	1	49	17.80	17.90	17.81	19.20
10	16QAM	25	0	17.97	18.10	17.89	19.20
10	16QAM	25	12	17.98	18.22	18.00	19.20
10	16QAM	25	25	17.99	18.08	17.88	19.20
10	16QAM	50	0	17.82	18.04	17.80	19.20
10	64QAM	1	0	17.90	17.98	17.88	19.20
10	64QAM	1	25	17.99	18.04	17.81	19.20
10	64QAM	1	49	17.93	18.13	17.98	19.20
10	64QAM	25	0	17.87	17.99	17.85	19.20
10	64QAM	25	12	17.83	17.88	17.80	19.20
10	64QAM	25	25	17.91	18.04	17.86	19.20
10	64QAM	50	0	17.98	18.13	17.94	19.20
10	256QAM	1	0	17.88	17.97	17.83	19.20
10	256QAM	1	25	18.00	18.12	17.99	19.20
10	256QAM	1	49	17.83	18.00	17.80	19.20
10	256QAM	25	0	18.02	18.02	17.92	19.20
10	256QAM	25	12	17.98	18.09	18.03	19.20
10	256QAM	25	25	18.06	18.06	18.03	19.20
10	256QAM	50	0	17.83	17.96	17.88	19.20
Channel				42115	42590	43065	Tune-up limit (dBm)
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	17.95	18.03	17.97	19.20
5	QPSK	1	12	17.93	18.09	17.81	19.20
5	QPSK	1	24	17.87	17.89	17.90	19.20
5	QPSK	12	0	17.90	17.92	17.85	19.20
5	QPSK	12	7	17.86	17.94	17.82	19.20
5	QPSK	12	13	17.95	18.01	17.98	19.20
5	QPSK	25	0	17.99	18.15	17.97	19.20
5	16QAM	1	0	17.98	18.19	17.96	19.20
5	16QAM	1	12	17.81	17.93	17.81	19.20
5	16QAM	1	24	17.81	17.87	17.81	19.20
5	16QAM	12	0	17.98	18.07	17.93	19.20
5	16QAM	12	7	17.91	18.17	17.93	19.20
5	16QAM	12	13	17.88	18.00	17.86	19.20
5	16QAM	25	0	17.86	17.98	17.80	19.20
5	64QAM	1	0	17.92	18.02	17.94	19.20
5	64QAM	1	12	17.99	18.04	17.81	19.20
5	64QAM	1	24	17.95	18.20	18.00	19.20
5	64QAM	12	0	17.94	18.03	17.90	19.20
5	64QAM	12	7	17.82	17.95	17.81	19.20
5	64QAM	12	13	17.84	18.05	17.88	19.20
5	64QAM	25	0	18.06	18.18	17.96	19.20
5	256QAM	1	0	17.87	17.97	17.81	19.20
5	256QAM	1	12	18.04	18.19	17.94	19.20
5	256QAM	1	24	17.80	17.90	17.83	19.20
5	256QAM	12	0	17.91	18.08	17.93	19.20
5	256QAM	12	7	18.03	18.04	18.03	19.20
5	256QAM	12	13	18.13	18.09	18.06	19.20
5	256QAM	25	0	17.81	17.91	17.83	19.20

【LTE Band 42 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant
8_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	24.62	24.66	24.58	25.70
20	QPSK	1	49	24.38	24.56	24.36	25.70
20	QPSK	1	99	24.30	24.47	24.30	25.70
20	QPSK	50	0	23.49	23.67	23.51	24.70
20	QPSK	50	24	23.41	23.59	23.37	24.70
20	QPSK	50	50	23.34	23.52	23.31	24.70
20	QPSK	100	0	23.44	23.61	23.43	24.70
20	16QAM	1	0	23.50	23.66	23.50	24.70
20	16QAM	1	49	23.70	23.81	23.72	24.70

20	16QAM	1	99	23.50	23.62	23.40	24.70
20	16QAM	50	0	22.44	22.62	22.40	23.70
20	16QAM	50	24	22.46	22.64	22.45	23.70
20	16QAM	50	50	22.74	22.83	22.66	23.70
20	16QAM	100	0	22.49	22.63	22.50	23.70
20	64QAM	1	0	22.45	22.58	22.43	23.70
20	64QAM	1	49	22.51	22.62	22.50	23.70
20	64QAM	1	99	22.60	22.75	22.56	23.70
20	64QAM	50	0	21.46	21.51	21.30	22.70
20	64QAM	50	24	21.51	21.69	21.59	22.70
20	64QAM	50	50	21.53	21.69	21.55	22.70
20	64QAM	100	0	21.59	21.66	21.52	22.70
20	256QAM	1	0	19.43	19.61	19.45	20.70
20	256QAM	1	49	19.75	19.82	19.61	20.70
20	256QAM	1	99	19.82	19.93	19.85	20.70
20	256QAM	50	0	19.32	19.38	19.31	20.70
20	256QAM	50	24	19.57	19.61	19.45	20.70
20	256QAM	50	50	19.74	19.79	19.67	20.70
20	256QAM	100	0	19.56	19.64	19.48	20.70
Channel				42165	42590	43015	Tune-up limit
Frequency (MHz)				3457.5	3500	3542.5	(dBm)
15	QPSK	1	0	24.60	24.57	24.46	25.70
15	QPSK	1	37	24.35	24.43	24.30	25.70
15	QPSK	1	74	24.30	24.41	24.31	25.70
15	QPSK	36	0	23.40	23.65	23.41	24.70
15	QPSK	36	20	23.37	23.56	23.31	24.70
15	QPSK	36	39	23.30	23.38	23.30	24.70
15	QPSK	75	0	23.40	23.54	23.32	24.70
15	16QAM	1	0	23.36	23.61	23.48	24.70
15	16QAM	1	37	23.56	23.73	23.62	24.70
15	16QAM	1	74	23.42	23.53	23.31	24.70
15	16QAM	36	0	22.37	22.53	22.32	23.70
15	16QAM	36	20	22.41	22.63	22.35	23.70
15	16QAM	36	39	22.60	22.71	22.54	23.70
15	16QAM	75	0	22.39	22.52	22.41	23.70
15	64QAM	1	0	22.31	22.57	22.39	23.70
15	64QAM	1	37	22.39	22.49	22.46	23.70
15	64QAM	1	74	22.45	22.68	22.42	23.70
15	64QAM	36	0	21.42	21.42	21.30	22.70
15	64QAM	36	20	21.46	21.58	21.56	22.70
15	64QAM	36	39	21.42	21.63	21.44	22.70
15	64QAM	75	0	21.47	21.54	21.45	22.70
15	256QAM	1	0	19.33	19.54	19.43	20.70
15	256QAM	1	37	19.63	19.71	19.57	20.70
15	256QAM	1	74	19.72	19.89	19.75	20.70
15	256QAM	36	0	19.30	19.32	19.31	20.70
15	256QAM	36	20	19.47	19.48	19.41	20.70
15	256QAM	36	39	19.67	19.69	19.55	20.70
15	256QAM	75	0	19.42	19.57	19.38	20.70
Channel				42140	42590	43040	Tune-up limit
Frequency (MHz)				3455	3500	3545	(dBm)
10	QPSK	1	0	24.55	24.62	24.49	25.70
10	QPSK	1	25	24.30	24.44	24.30	25.70
10	QPSK	1	49	24.30	24.42	24.31	25.70
10	QPSK	25	0	23.37	23.53	23.38	24.70
10	QPSK	25	12	23.33	23.49	23.34	24.70
10	QPSK	25	25	23.30	23.43	23.30	24.70
10	QPSK	50	0	23.42	23.56	23.32	24.70
10	16QAM	1	0	23.36	23.63	23.43	24.70
10	16QAM	1	25	23.65	23.79	23.61	24.70
10	16QAM	1	49	23.41	23.55	23.35	24.70
10	16QAM	25	0	22.36	22.61	22.30	23.70
10	16QAM	25	12	22.43	22.51	22.35	23.70
10	16QAM	25	25	22.68	22.81	22.58	23.70
10	16QAM	50	0	22.36	22.50	22.38	23.70
10	64QAM	1	0	22.30	22.46	22.32	23.70
10	64QAM	1	25	22.44	22.61	22.37	23.70
10	64QAM	1	49	22.51	22.70	22.54	23.70
10	64QAM	25	0	21.44	21.40	21.30	22.70
10	64QAM	25	12	21.48	21.58	21.56	22.70
10	64QAM	25	25	21.47	21.58	21.50	22.70
10	64QAM	50	0	21.49	21.63	21.50	22.70
10	256QAM	1	0	19.36	19.58	19.36	20.70
10	256QAM	1	25	19.69	19.73	19.48	20.70

10	256QAM	1	49	19.68	19.91	19.70	20.70
10	256QAM	25	0	19.31	19.30	19.31	20.70
10	256QAM	25	12	19.43	19.51	19.33	20.70
10	256QAM	25	25	19.71	19.75	19.63	20.70
10	256QAM	50	0	19.49	19.53	19.35	20.70
Channel				42115	42590	43065	Tune-up limit (dBm)
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	24.47	24.58	24.52	25.70
5	QPSK	1	12	24.32	24.49	24.30	25.70
5	QPSK	1	24	24.30	24.34	24.30	25.70
5	QPSK	12	0	23.36	23.54	23.37	24.70
5	QPSK	12	7	23.32	23.51	23.36	24.70
5	QPSK	12	13	23.31	23.38	23.30	24.70
5	QPSK	25	0	23.36	23.57	23.36	24.70
5	16QAM	1	0	23.43	23.54	23.45	24.70
5	16QAM	1	12	23.57	23.79	23.65	24.70
5	16QAM	1	24	23.38	23.57	23.31	24.70
5	16QAM	12	0	22.32	22.58	22.31	23.70
5	16QAM	12	7	22.40	22.53	22.41	23.70
5	16QAM	12	13	22.62	22.79	22.58	23.70
5	16QAM	25	0	22.38	22.51	22.49	23.70
5	64QAM	1	0	22.31	22.44	22.39	23.70
5	64QAM	1	12	22.40	22.49	22.38	23.70
5	64QAM	1	24	22.45	22.72	22.52	23.70
5	64QAM	12	0	21.33	21.39	21.30	22.70
5	64QAM	12	7	21.37	21.60	21.52	22.70
5	64QAM	12	13	21.41	21.68	21.54	22.70
5	64QAM	25	0	21.45	21.64	21.48	22.70
5	256QAM	1	0	19.35	19.52	19.39	20.70
5	256QAM	1	12	19.66	19.67	19.50	20.70
5	256QAM	1	24	19.68	19.81	19.79	20.70
5	256QAM	12	0	19.32	19.36	19.30	20.70
5	256QAM	12	7	19.45	19.56	19.40	20.70
5	256QAM	12	13	19.66	19.69	19.60	20.70
5	256QAM	25	0	19.44	19.54	19.45	20.70

【LTE Band 42 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant
8_DSI 5】

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	16.86	16.90	16.89	17.70
20	QPSK	1	49	16.70	16.84	16.74	17.70
20	QPSK	1	99	16.81	16.86	16.82	17.70
20	QPSK	50	0	16.79	16.88	16.85	17.70
20	QPSK	50	24	16.68	16.83	16.72	17.70
20	QPSK	50	50	16.64	16.82	16.70	17.70
20	QPSK	100	0	16.80	16.85	16.71	17.70
20	16QAM	1	0	16.72	16.85	16.82	17.70
20	16QAM	1	49	16.80	16.91	16.85	17.70
20	16QAM	1	99	16.77	16.83	16.69	17.70
20	16QAM	50	0	16.96	17.02	16.87	17.70
20	16QAM	50	24	16.73	16.81	16.75	17.70
20	16QAM	50	50	16.95	17.01	16.89	17.70
20	16QAM	100	0	16.65	16.79	16.74	17.70
20	64QAM	1	0	16.90	16.98	16.83	17.70
20	64QAM	1	49	16.70	16.86	16.75	17.70
20	64QAM	1	99	16.78	16.94	16.82	17.70
20	64QAM	50	0	16.95	17.01	16.95	17.70
20	64QAM	50	24	16.83	16.90	16.81	17.70
20	64QAM	50	50	16.75	16.92	16.78	17.70
20	64QAM	100	0	16.84	17.00	16.86	17.70
20	256QAM	1	0	16.70	16.88	16.74	17.70
20	256QAM	1	49	16.63	16.81	16.75	17.70
20	256QAM	1	99	16.93	16.99	16.95	17.70
20	256QAM	50	0	16.80	16.94	16.79	17.70
20	256QAM	50	24	16.73	16.82	16.68	17.70
20	256QAM	50	50	16.68	16.86	16.80	17.70

20	256QAM	100	0	16.85	16.93	16.79	17.70
Channel				42165	42590	43015	Tune-up limit
Frequency (MHz)				3457.5	3500	3542.5	(dBm)
15	QPSK	1	0	16.73	16.87	16.87	17.70
15	QPSK	1	37	16.62	16.74	16.69	17.70
15	QPSK	1	74	16.67	16.81	16.76	17.70
15	QPSK	36	0	16.71	16.81	16.76	17.70
15	QPSK	36	20	16.63	16.78	16.68	17.70
15	QPSK	36	39	16.53	16.67	16.58	17.70
15	QPSK	75	0	16.69	16.81	16.59	17.70
15	16QAM	1	0	16.64	16.75	16.67	17.70
15	16QAM	1	37	16.69	16.77	16.82	17.70
15	16QAM	1	74	16.62	16.73	16.66	17.70
15	16QAM	36	0	16.95	16.93	16.79	17.70
15	16QAM	36	20	16.61	16.69	16.64	17.70
15	16QAM	36	39	16.84	16.92	16.83	17.70
15	16QAM	75	0	16.60	16.69	16.71	17.70
15	64QAM	1	0	16.77	16.92	16.69	17.70
15	64QAM	1	37	16.60	16.82	16.69	17.70
15	64QAM	1	74	16.77	16.83	16.71	17.70
15	64QAM	36	0	16.84	16.95	16.87	17.70
15	64QAM	36	20	16.72	16.87	16.67	17.70
15	64QAM	36	39	16.70	16.84	16.65	17.70
15	64QAM	75	0	16.72	16.94	16.75	17.70
15	256QAM	1	0	16.64	16.74	16.59	17.70
15	256QAM	1	37	16.61	16.74	16.66	17.70
15	256QAM	1	74	16.88	16.93	16.82	17.70
15	256QAM	36	0	16.67	16.82	16.65	17.70
15	256QAM	36	20	16.59	16.71	16.55	17.70
15	256QAM	36	39	16.59	16.76	16.72	17.70
15	256QAM	75	0	16.75	16.80	16.70	17.70
Channel				42140	42590	43040	Tune-up limit
Frequency (MHz)				3455	3500	3545	(dBm)
10	QPSK	1	0	16.81	16.81	16.87	17.70
10	QPSK	1	25	16.59	16.77	16.62	17.70
10	QPSK	1	49	16.67	16.74	16.69	17.70
10	QPSK	25	0	16.77	16.84	16.80	17.70
10	QPSK	25	12	16.64	16.80	16.70	17.70
10	QPSK	25	25	16.61	16.81	16.63	17.70
10	QPSK	50	0	16.77	16.78	16.68	17.70
10	16QAM	1	0	16.66	16.76	16.74	17.70
10	16QAM	1	25	16.73	16.81	16.81	17.70
10	16QAM	1	49	16.68	16.82	16.60	17.70
10	16QAM	25	0	16.87	16.88	16.79	17.70
10	16QAM	25	12	16.61	16.69	16.61	17.70
10	16QAM	25	25	16.81	16.96	16.78	17.70
10	16QAM	50	0	16.62	16.64	16.59	17.70
10	64QAM	1	0	16.77	16.84	16.71	17.70
10	64QAM	1	25	16.57	16.71	16.72	17.70
10	64QAM	1	49	16.73	16.83	16.78	17.70
10	64QAM	25	0	16.93	16.92	16.81	17.70
10	64QAM	25	12	16.70	16.81	16.70	17.70
10	64QAM	25	25	16.73	16.83	16.68	17.70
10	64QAM	50	0	16.70	16.88	16.77	17.70
10	256QAM	1	0	16.65	16.76	16.71	17.70
10	256QAM	1	25	16.60	16.69	16.64	17.70
10	256QAM	1	49	16.83	16.89	16.87	17.70
10	256QAM	25	0	16.75	16.87	16.65	17.70
10	256QAM	25	12	16.63	16.77	16.55	17.70
10	256QAM	25	25	16.62	16.75	16.72	17.70
10	256QAM	50	0	16.84	16.79	16.78	17.70
Channel				42115	42590	43065	Tune-up limit
Frequency (MHz)				3452.5	3500	3547.5	(dBm)
5	QPSK	1	0	16.81	16.78	16.84	17.70
5	QPSK	1	12	16.69	16.72	16.70	17.70
5	QPSK	1	24	16.76	16.81	16.75	17.70
5	QPSK	12	0	16.68	16.81	16.77	17.70
5	QPSK	12	7	16.59	16.69	16.58	17.70
5	QPSK	12	13	16.52	16.80	16.58	17.70
5	QPSK	25	0	16.76	16.76	16.68	17.70
5	16QAM	1	0	16.61	16.83	16.70	17.70
5	16QAM	1	12	16.73	16.89	16.79	17.70
5	16QAM	1	24	16.72	16.77	16.60	17.70
5	16QAM	12	0	16.83	16.87	16.82	17.70

5	16QAM	12	7	16.72	16.80	16.73	17.70
5	16QAM	12	13	16.94	16.94	16.86	17.70
5	16QAM	25	0	16.50	16.74	16.66	17.70
5	64QAM	1	0	16.87	16.93	16.79	17.70
5	64QAM	1	12	16.68	16.75	16.69	17.70
5	64QAM	1	24	16.67	16.91	16.73	17.70
5	64QAM	12	0	16.88	16.95	16.90	17.70
5	64QAM	12	7	16.70	16.82	16.71	17.70
5	64QAM	12	13	16.67	16.78	16.67	17.70
5	64QAM	25	0	16.73	16.94	16.84	17.70
5	256QAM	1	0	16.63	16.80	16.70	17.70
5	256QAM	1	12	16.54	16.72	16.65	17.70
5	256QAM	1	24	16.81	16.97	16.91	17.70
5	256QAM	12	0	16.70	16.89	16.65	17.70
5	256QAM	12	7	16.59	16.73	16.61	17.70
5	256QAM	12	13	16.57	16.73	16.68	17.70
5	256QAM	25	0	16.83	16.86	16.72	17.70

【LTE Band 42 (27Q)_FCC_Part 27Q (3450~3550MHz)_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				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	23.22	23.36	23.33	25.00
20	QPSK	1	49	22.72	22.94	22.83	25.00
20	QPSK	1	99	22.49	22.77	22.73	25.00
20	QPSK	50	0	22.04	22.19	22.06	24.00
20	QPSK	50	24	21.97	22.13	21.97	24.00
20	QPSK	50	50	21.91	22.17	22.08	24.00
20	QPSK	100	0	22.11	22.18	22.11	24.00
20	16QAM	1	0	22.22	22.45	22.31	24.00
20	16QAM	1	49	22.14	22.34	22.18	24.00
20	16QAM	1	99	21.91	22.13	21.97	24.00
20	16QAM	50	0	20.88	21.13	21.08	23.00
20	16QAM	50	24	20.98	21.20	21.12	23.00
20	16QAM	50	50	21.13	21.34	21.30	23.00
20	16QAM	100	0	21.13	21.17	21.09	23.00
20	64QAM	1	0	21.10	21.36	21.29	23.00
20	64QAM	1	49	21.11	21.31	21.22	23.00
20	64QAM	1	99	21.01	21.20	21.09	23.00
20	64QAM	50	0	20.18	20.32	20.26	22.00
20	64QAM	50	24	20.09	20.25	20.11	22.00
20	64QAM	50	50	20.18	20.44	20.40	22.00
20	64QAM	100	0	20.11	20.09	20.04	22.00
20	256QAM	1	0	18.29	18.43	18.28	20.00
20	256QAM	1	49	18.11	18.31	18.22	20.00
20	256QAM	1	99	18.04	18.27	18.12	20.00
20	256QAM	50	0	17.93	18.07	17.90	20.00
20	256QAM	50	24	17.95	18.20	18.05	20.00
20	256QAM	50	50	18.27	18.49	18.44	20.00
20	256QAM	100	0	18.26	18.42	18.35	20.00
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	23.12	23.33	23.32	25.00
15	QPSK	1	37	22.60	22.88	22.79	25.00
15	QPSK	1	74	22.43	22.68	22.69	25.00
15	QPSK	36	0	21.93	22.09	22.02	24.00
15	QPSK	36	20	21.85	22.00	21.95	24.00
15	QPSK	36	39	21.88	22.12	22.03	24.00
15	QPSK	75	0	21.93	22.08	22.01	24.00
15	16QAM	1	0	22.13	22.32	22.26	24.00
15	16QAM	1	37	22.07	22.28	22.06	24.00
15	16QAM	1	74	21.89	22.07	21.94	24.00
15	16QAM	36	0	20.81	21.10	20.94	23.00
15	16QAM	36	20	20.96	21.07	21.10	23.00
15	16QAM	36	39	21.09	21.24	21.23	23.00
15	16QAM	75	0	20.83	21.11	20.94	23.00
15	64QAM	1	0	21.09	21.25	21.14	23.00

15	64QAM	1	37	21.00	21.18	21.19	23.00
15	64QAM	1	74	20.98	21.08	21.05	23.00
15	64QAM	36	0	20.05	20.25	20.13	22.00
15	64QAM	36	20	19.95	20.16	20.09	22.00
15	64QAM	36	39	20.09	20.31	20.38	22.00
15	64QAM	75	0	19.71	19.97	19.95	22.00
15	256QAM	1	0	18.18	18.40	18.14	20.00
15	256QAM	1	37	18.00	18.22	18.19	20.00
15	256QAM	1	74	17.96	18.15	18.07	20.00
15	256QAM	36	0	17.80	17.95	17.83	20.00
15	256QAM	36	20	17.82	18.17	17.95	20.00
15	256QAM	36	39	18.22	18.46	18.37	20.00
15	256QAM	75	0	18.13	18.34	18.28	20.00
Channel				42140	42590	43040	Tune-up limit
Frequency (MHz)				3455	3500	3545	(dBm)
10	QPSK	1	0	23.08	23.34	23.32	25.00
10	QPSK	1	25	22.58	22.83	22.76	25.00
10	QPSK	1	49	22.35	22.72	22.69	25.00
10	QPSK	25	0	21.97	22.05	21.99	24.00
10	QPSK	25	12	21.91	22.07	21.92	24.00
10	QPSK	25	25	21.80	22.13	21.94	24.00
10	QPSK	50	0	21.88	22.15	22.02	24.00
10	16QAM	1	0	22.16	22.41	22.22	24.00
10	16QAM	1	25	22.10	22.20	22.16	24.00
10	16QAM	1	49	21.82	22.07	21.95	24.00
10	16QAM	25	0	20.78	21.07	21.05	23.00
10	16QAM	25	12	20.89	21.06	21.10	23.00
10	16QAM	25	25	21.06	21.23	21.18	23.00
10	16QAM	50	0	20.83	21.06	21.07	23.00
10	64QAM	1	0	21.02	21.26	21.26	23.00
10	64QAM	1	25	21.04	21.30	21.07	23.00
10	64QAM	1	49	20.88	21.10	21.03	23.00
10	64QAM	25	0	20.14	20.29	20.12	22.00
10	64QAM	25	12	20.08	20.16	20.00	22.00
10	64QAM	25	25	20.12	20.38	20.34	22.00
10	64QAM	50	0	19.81	20.04	19.98	22.00
10	256QAM	1	0	18.17	18.41	18.18	20.00
10	256QAM	1	25	18.03	18.21	18.16	20.00
10	256QAM	1	49	18.00	18.13	18.10	20.00
10	256QAM	25	0	17.89	18.00	17.83	20.00
10	256QAM	25	12	17.83	18.13	18.01	20.00
10	256QAM	25	25	18.18	18.37	18.30	20.00
10	256QAM	50	0	18.21	18.35	18.25	20.00
Channel				42115	42590	43065	Tune-up limit
Frequency (MHz)				3452.5	3500	3547.5	(dBm)
5	QPSK	1	0	23.11	23.30	23.24	25.00
5	QPSK	1	12	22.58	22.88	22.73	25.00
5	QPSK	1	24	22.44	22.75	22.62	25.00
5	QPSK	12	0	22.00	22.07	22.02	24.00
5	QPSK	12	7	21.90	22.10	21.83	24.00
5	QPSK	12	13	21.87	22.17	21.94	24.00
5	QPSK	25	0	21.92	22.17	22.03	24.00
5	16QAM	1	0	22.15	22.37	22.22	24.00
5	16QAM	1	12	22.03	22.21	22.13	24.00
5	16QAM	1	24	21.84	22.11	21.92	24.00
5	16QAM	12	0	20.83	20.99	20.98	23.00
5	16QAM	12	7	20.86	21.11	21.02	23.00
5	16QAM	12	13	21.06	21.32	21.23	23.00
5	16QAM	25	0	20.89	21.05	21.02	23.00
5	64QAM	1	0	20.98	21.35	21.27	23.00
5	64QAM	1	12	20.98	21.29	21.18	23.00
5	64QAM	1	24	20.94	21.10	21.01	23.00
5	64QAM	12	0	20.10	20.28	20.24	22.00
5	64QAM	12	7	19.96	20.20	20.03	22.00
5	64QAM	12	13	20.12	20.37	20.38	22.00
5	64QAM	25	0	19.76	19.96	20.01	22.00
5	256QAM	1	0	18.18	18.40	18.13	20.00
5	256QAM	1	12	18.05	18.27	18.14	20.00
5	256QAM	1	24	18.02	18.15	18.00	20.00
5	256QAM	12	0	17.92	18.05	17.79	20.00
5	256QAM	12	7	17.94	18.08	18.04	20.00
5	256QAM	12	13	18.15	18.36	18.37	20.00
5	256QAM	25	0	18.14	18.29	18.22	20.00

【LTE Band 42 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant
9_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	18.11	18.21	18.09	20.00
20	QPSK	1	49	17.97	18.13	17.98	20.00
20	QPSK	1	99	18.02	18.16	17.97	20.00
20	QPSK	50	0	18.01	18.16	18.06	20.00
20	QPSK	50	24	17.89	18.04	17.84	20.00
20	QPSK	50	50	17.85	18.07	17.83	20.00
20	QPSK	100	0	18.01	18.08	18.03	20.00
20	16QAM	1	0	18.01	18.18	17.98	20.00
20	16QAM	1	49	17.79	18.02	17.76	20.00
20	16QAM	1	99	18.00	18.19	18.04	20.00
20	16QAM	50	0	17.90	18.05	17.84	20.00
20	16QAM	50	24	18.00	18.23	18.05	20.00
20	16QAM	50	50	17.88	18.11	17.94	20.00
20	16QAM	100	0	18.04	18.19	18.00	20.00
20	64QAM	1	0	17.91	18.14	17.93	20.00
20	64QAM	1	49	18.02	18.23	17.99	20.00
20	64QAM	1	99	18.06	18.22	18.02	20.00
20	64QAM	50	0	18.02	18.22	17.97	20.00
20	64QAM	50	24	18.01	18.18	17.97	20.00
20	64QAM	50	50	17.94	18.18	18.03	20.00
20	64QAM	100	0	18.00	18.12	18.06	20.00
20	256QAM	1	0	17.84	18.07	17.83	20.00
20	256QAM	1	49	17.87	18.06	17.84	20.00
20	256QAM	1	99	17.99	18.18	18.00	20.00
20	256QAM	50	0	17.91	18.08	17.84	20.00
20	256QAM	50	24	17.84	18.05	17.87	20.00
20	256QAM	50	50	18.06	18.23	18.05	20.00
20	256QAM	100	0	18.05	18.20	18.00	20.00
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	18.05	18.11	17.97	20.00
15	QPSK	1	37	17.82	18.04	17.96	20.00
15	QPSK	1	74	17.95	18.01	17.85	20.00
15	QPSK	36	0	17.98	18.12	17.93	20.00
15	QPSK	36	20	17.87	17.91	17.73	20.00
15	QPSK	36	39	17.71	18.00	17.81	20.00
15	QPSK	75	0	17.89	18.02	17.75	20.00
15	16QAM	1	0	17.89	18.05	17.89	20.00
15	16QAM	1	37	17.72	17.94	17.71	20.00
15	16QAM	1	74	17.94	18.11	17.96	20.00
15	16QAM	36	0	17.83	17.91	17.71	20.00
15	16QAM	36	20	17.90	18.20	17.92	20.00
15	16QAM	36	39	17.87	17.98	17.86	20.00
15	16QAM	75	0	17.99	18.12	17.94	20.00
15	64QAM	1	0	17.79	18.13	17.91	20.00
15	64QAM	1	37	17.94	18.16	17.92	20.00
15	64QAM	1	74	18.03	18.20	17.92	20.00
15	64QAM	36	0	17.90	18.21	17.95	20.00
15	64QAM	36	20	17.97	18.17	17.94	20.00
15	64QAM	36	39	17.88	18.14	17.93	20.00
15	64QAM	75	0	17.92	17.98	17.86	20.00
15	256QAM	1	0	17.80	18.01	17.76	20.00
15	256QAM	1	37	17.83	17.92	17.81	20.00
15	256QAM	1	74	17.87	18.09	17.87	20.00
15	256QAM	36	0	17.78	18.06	17.74	20.00
15	256QAM	36	20	17.83	18.03	17.82	20.00
15	256QAM	36	39	18.01	18.18	17.93	20.00
15	256QAM	75	0	17.99	18.09	17.92	20.00
Channel				42140	42590	43040	Tune-up limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	18.09	18.08	17.97	20.00
10	QPSK	1	25	17.93	18.06	17.88	20.00
10	QPSK	1	49	18.00	18.04	17.90	20.00

10	QPSK	25	0	17.97	18.06	17.91	20.00
10	QPSK	25	12	17.79	18.00	17.82	20.00
10	QPSK	25	25	17.83	17.98	17.79	20.00
10	QPSK	50	0	17.82	18.01	17.78	20.00
10	16QAM	1	0	17.98	18.05	17.94	20.00
10	16QAM	1	25	17.73	17.94	17.74	20.00
10	16QAM	1	49	17.93	18.09	17.98	20.00
10	16QAM	25	0	17.80	18.02	17.70	20.00
10	16QAM	25	12	17.88	18.17	18.03	20.00
10	16QAM	25	25	17.85	18.01	17.88	20.00
10	16QAM	50	0	17.95	18.14	17.92	20.00
10	64QAM	1	0	17.82	18.05	17.82	20.00
10	64QAM	1	25	17.90	18.20	17.89	20.00
10	64QAM	1	49	17.93	18.14	17.96	20.00
10	64QAM	25	0	17.93	18.10	17.84	20.00
10	64QAM	25	12	17.94	18.08	17.91	20.00
10	64QAM	25	25	17.82	18.12	17.94	20.00
10	64QAM	50	0	17.92	18.01	17.84	20.00
10	256QAM	1	0	17.77	17.94	17.82	20.00
10	256QAM	1	25	17.74	17.91	17.83	20.00
10	256QAM	1	49	17.90	18.05	17.93	20.00
10	256QAM	25	0	17.89	18.02	17.77	20.00
10	256QAM	25	12	17.81	17.97	17.78	20.00
10	256QAM	25	25	17.92	18.18	17.93	20.00
10	256QAM	50	0	17.96	18.10	17.97	20.00
Channel				42115	42590	43065	Tune-up limit
Frequency (MHz)				3452.5	3500	3547.5	(dBm)
5	QPSK	1	0	18.04	18.16	18.01	20.00
5	QPSK	1	12	17.91	18.03	17.94	20.00
5	QPSK	1	24	17.94	18.13	17.83	20.00
5	QPSK	12	0	17.88	18.11	17.87	20.00
5	QPSK	12	7	17.75	17.94	17.79	20.00
5	QPSK	12	13	17.82	17.94	17.69	20.00
5	QPSK	25	0	17.85	17.94	17.77	20.00
5	16QAM	1	0	17.97	18.15	17.84	20.00
5	16QAM	1	12	17.77	18.01	17.71	20.00
5	16QAM	1	24	17.89	18.12	17.93	20.00
5	16QAM	12	0	17.84	18.00	17.78	20.00
5	16QAM	12	7	17.93	18.20	18.00	20.00
5	16QAM	12	13	17.75	18.07	17.86	20.00
5	16QAM	25	0	17.89	18.14	17.94	20.00
5	64QAM	1	0	17.87	18.02	17.86	20.00
5	64QAM	1	12	17.92	18.20	17.96	20.00
5	64QAM	1	24	18.04	18.15	17.98	20.00
5	64QAM	12	0	17.90	18.16	17.84	20.00
5	64QAM	12	7	17.93	18.17	17.84	20.00
5	64QAM	12	13	17.84	18.10	17.88	20.00
5	64QAM	25	0	17.97	18.04	17.90	20.00
5	256QAM	1	0	17.69	17.96	17.78	20.00
5	256QAM	1	12	17.78	18.04	17.78	20.00
5	256QAM	1	24	17.91	18.03	17.92	20.00
5	256QAM	12	0	17.85	18.06	17.74	20.00
5	256QAM	12	7	17.71	17.93	17.86	20.00
5	256QAM	12	13	18.03	18.10	18.00	20.00
5	256QAM	25	0	17.93	18.14	17.96	20.00

【LTE Band 42 (27Q)_FCC_Part 27Q (3450~3550MHz)_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				42190	42590	42990	Tune-up limit (dBm)
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	21.73	21.78	21.69	23.50
20	QPSK	1	49	21.61	21.74	21.58	23.50
20	QPSK	1	99	21.57	21.73	21.56	23.50
20	QPSK	50	0	21.66	21.74	21.52	23.50
20	QPSK	50	24	21.66	21.72	21.49	23.50
20	QPSK	50	50	21.62	21.68	21.45	23.50
20	QPSK	100	0	21.55	21.73	21.51	23.50
20	16QAM	1	0	21.51	21.70	21.52	23.50
20	16QAM	1	49	21.63	21.77	21.62	23.50
20	16QAM	1	99	21.59	21.76	21.64	23.50
20	16QAM	50	0	21.00	21.13	20.92	23.00
20	16QAM	50	24	21.11	21.20	21.06	23.00
20	16QAM	50	50	21.20	21.34	21.19	23.00
20	16QAM	100	0	21.08	21.17	21.22	23.00
20	64QAM	1	0	21.21	21.36	21.24	23.00
20	64QAM	1	49	21.24	21.31	21.20	23.00
20	64QAM	1	99	21.06	21.20	21.07	23.00
20	64QAM	50	0	20.24	20.32	20.19	22.00
20	64QAM	50	24	20.19	20.25	20.08	22.00
20	64QAM	50	50	20.38	20.44	20.22	22.00
20	64QAM	100	0	20.13	20.09	20.21	22.00
20	256QAM	1	0	18.38	18.43	18.24	20.00
20	256QAM	1	49	18.23	18.31	18.22	20.00
20	256QAM	1	99	18.21	18.27	18.09	20.00
20	256QAM	50	0	17.89	18.07	17.88	20.00
20	256QAM	50	24	18.01	18.20	18.10	20.00
20	256QAM	50	50	18.43	18.49	18.31	20.00
20	256QAM	100	0	18.35	18.42	18.26	20.00
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	21.63	21.73	21.57	23.50
15	QPSK	1	37	21.55	21.60	21.53	23.50
15	QPSK	1	74	21.54	21.69	21.43	23.50
15	QPSK	36	0	21.62	21.67	21.49	23.50
15	QPSK	36	20	21.54	21.65	21.38	23.50
15	QPSK	36	39	21.48	21.66	21.42	23.50
15	QPSK	75	0	21.49	21.61	21.48	23.50
15	16QAM	1	0	21.39	21.62	21.45	23.50
15	16QAM	1	37	21.52	21.64	21.54	23.50
15	16QAM	1	74	21.55	21.69	21.51	23.50
15	16QAM	36	0	20.91	21.10	20.82	23.00
15	16QAM	36	20	20.98	21.13	20.96	23.00
15	16QAM	36	39	21.06	21.33	21.09	23.00
15	16QAM	75	0	21.00	21.06	20.87	23.00
15	64QAM	1	0	21.13	21.28	21.17	23.00
15	64QAM	1	37	21.17	21.20	21.15	23.00
15	64QAM	1	74	20.92	21.14	20.93	23.00
15	64QAM	36	0	20.22	20.31	20.15	22.00
15	64QAM	36	20	20.08	20.14	20.04	22.00
15	64QAM	36	39	20.26	20.35	20.19	22.00
15	64QAM	75	0	19.90	20.04	19.81	22.00
15	256QAM	1	0	18.34	18.29	18.19	20.00
15	256QAM	1	37	18.19	18.27	18.11	20.00
15	256QAM	1	74	18.17	18.25	18.04	20.00
15	256QAM	36	0	17.87	18.02	17.76	20.00
15	256QAM	36	20	17.90	18.13	18.03	20.00
15	256QAM	36	39	18.38	18.35	18.28	20.00
15	256QAM	75	0	18.34	18.31	18.19	20.00
Channel				42140	42590	43040	Tune-up limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	21.61	21.73	21.57	23.50
10	QPSK	1	25	21.55	21.63	21.44	23.50
10	QPSK	1	49	21.43	21.69	21.52	23.50
10	QPSK	25	0	21.51	21.63	21.46	23.50
10	QPSK	25	12	21.59	21.60	21.39	23.50

10	QPSK	25	25	21.56	21.65	21.33	23.50
10	QPSK	50	0	21.52	21.66	21.47	23.50
10	16QAM	1	0	21.49	21.60	21.40	23.50
10	16QAM	1	25	21.60	21.62	21.59	23.50
10	16QAM	1	49	21.56	21.65	21.60	23.50
10	16QAM	25	0	20.98	21.00	20.78	23.00
10	16QAM	25	12	21.02	21.15	21.01	23.00
10	16QAM	25	25	21.09	21.33	21.09	23.00
10	16QAM	50	0	21.01	21.03	20.89	23.00
10	64QAM	1	0	21.16	21.25	21.13	23.00
10	64QAM	1	25	21.13	21.24	21.07	23.00
10	64QAM	1	49	21.03	21.12	21.00	23.00
10	64QAM	25	0	20.13	20.18	20.13	22.00
10	64QAM	25	12	20.09	20.17	20.06	22.00
10	64QAM	25	25	20.26	20.42	20.10	22.00
10	64QAM	50	0	19.85	19.99	19.80	22.00
10	256QAM	1	0	18.31	18.38	18.22	20.00
10	256QAM	1	25	18.19	18.17	18.20	20.00
10	256QAM	1	49	18.18	18.17	18.01	20.00
10	256QAM	25	0	17.85	17.93	17.76	20.00
10	256QAM	25	12	17.92	18.16	17.96	20.00
10	256QAM	25	25	18.33	18.42	18.25	20.00
10	256QAM	50	0	18.27	18.35	18.24	20.00
Channel				42115	42590	43065	Tune-up limit (dBm)
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	21.71	21.71	21.59	23.50
5	QPSK	1	12	21.47	21.69	21.45	23.50
5	QPSK	1	24	21.50	21.63	21.45	23.50
5	QPSK	12	0	21.51	21.65	21.42	23.50
5	QPSK	12	7	21.61	21.59	21.39	23.50
5	QPSK	12	13	21.53	21.64	21.38	23.50
5	QPSK	25	0	21.41	21.70	21.36	23.50
5	16QAM	1	0	21.44	21.68	21.47	23.50
5	16QAM	1	12	21.55	21.69	21.53	23.50
5	16QAM	1	24	21.57	21.63	21.58	23.50
5	16QAM	12	0	20.87	21.04	20.84	23.00
5	16QAM	12	7	21.05	21.15	21.03	23.00
5	16QAM	12	13	21.11	21.23	21.14	23.00
5	16QAM	25	0	20.98	21.16	20.90	23.00
5	64QAM	1	0	21.08	21.28	21.23	23.00
5	64QAM	1	12	21.21	21.16	21.10	23.00
5	64QAM	1	24	20.99	21.16	20.92	23.00
5	64QAM	12	0	20.21	20.26	20.05	22.00
5	64QAM	12	7	20.17	20.11	20.01	22.00
5	64QAM	12	13	20.26	20.37	20.20	22.00
5	64QAM	25	0	19.89	20.08	19.73	22.00
5	256QAM	1	0	18.27	18.31	18.12	20.00
5	256QAM	1	12	18.09	18.27	18.11	20.00
5	256QAM	1	24	18.07	18.21	17.96	20.00
5	256QAM	12	0	17.83	17.92	17.87	20.00
5	256QAM	12	7	17.95	18.14	18.03	20.00
5	256QAM	12	13	18.35	18.46	18.21	20.00
5	256QAM	25	0	18.25	18.36	18.17	20.00

【LTE Band 42 (27Q)_FCC_Part 27Q (3450~3550MHz)_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				42190	42590	42990	Tune-up limit (dBm)
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	23.22	23.36	23.33	25.00
20	QPSK	1	49	22.72	22.94	22.83	25.00
20	QPSK	1	99	22.49	22.77	22.73	25.00
20	QPSK	50	0	22.04	22.19	22.06	24.00
20	QPSK	50	24	21.97	22.13	21.97	24.00
20	QPSK	50	50	21.91	22.17	22.08	24.00
20	QPSK	100	0	22.11	22.18	22.11	24.00
20	16QAM	1	0	22.22	22.45	22.31	24.00
20	16QAM	1	49	22.14	22.34	22.18	24.00

20	16QAM	1	99	21.91	22.13	21.97	24.00
20	16QAM	50	0	20.88	21.13	21.08	23.00
20	16QAM	50	24	20.98	21.20	21.12	23.00
20	16QAM	50	50	21.13	21.34	21.30	23.00
20	16QAM	100	0	21.13	21.17	21.09	23.00
20	64QAM	1	0	21.10	21.36	21.29	23.00
20	64QAM	1	49	21.11	21.31	21.22	23.00
20	64QAM	1	99	21.01	21.20	21.09	23.00
20	64QAM	50	0	20.18	20.32	20.26	22.00
20	64QAM	50	24	20.09	20.25	20.11	22.00
20	64QAM	50	50	20.18	20.44	20.40	22.00
20	64QAM	100	0	20.11	20.09	20.04	22.00
20	256QAM	1	0	18.29	18.43	18.28	20.00
20	256QAM	1	49	18.11	18.31	18.22	20.00
20	256QAM	1	99	18.04	18.27	18.12	20.00
20	256QAM	50	0	17.93	18.07	17.90	20.00
20	256QAM	50	24	17.95	18.20	18.05	20.00
20	256QAM	50	50	18.27	18.49	18.44	20.00
20	256QAM	100	0	18.26	18.42	18.35	20.00
Channel				42165	42590	43015	Tune-up limit
Frequency (MHz)				3457.5	3500	3542.5	(dBm)
15	QPSK	1	0	23.12	23.33	23.32	25.00
15	QPSK	1	37	22.60	22.88	22.79	25.00
15	QPSK	1	74	22.43	22.68	22.69	25.00
15	QPSK	36	0	21.93	22.09	22.02	24.00
15	QPSK	36	20	21.85	22.00	21.95	24.00
15	QPSK	36	39	21.88	22.12	22.03	24.00
15	QPSK	75	0	21.93	22.08	22.01	24.00
15	16QAM	1	0	22.13	22.32	22.26	24.00
15	16QAM	1	37	22.07	22.28	22.06	24.00
15	16QAM	1	74	21.89	22.07	21.94	24.00
15	16QAM	36	0	20.81	21.10	20.94	23.00
15	16QAM	36	20	20.96	21.07	21.10	23.00
15	16QAM	36	39	21.09	21.24	21.23	23.00
15	16QAM	75	0	20.83	21.11	20.94	23.00
15	64QAM	1	0	21.09	21.25	21.14	23.00
15	64QAM	1	37	21.00	21.18	21.19	23.00
15	64QAM	1	74	20.98	21.08	21.05	23.00
15	64QAM	36	0	20.05	20.25	20.13	22.00
15	64QAM	36	20	19.95	20.16	20.09	22.00
15	64QAM	36	39	20.09	20.31	20.38	22.00
15	64QAM	75	0	19.71	19.97	19.95	22.00
15	256QAM	1	0	18.18	18.40	18.14	20.00
15	256QAM	1	37	18.00	18.22	18.19	20.00
15	256QAM	1	74	17.96	18.15	18.07	20.00
15	256QAM	36	0	17.80	17.95	17.83	20.00
15	256QAM	36	20	17.82	18.17	17.95	20.00
15	256QAM	36	39	18.22	18.46	18.37	20.00
15	256QAM	75	0	18.13	18.34	18.28	20.00
Channel				42140	42590	43040	Tune-up limit
Frequency (MHz)				3455	3500	3545	(dBm)
10	QPSK	1	0	23.08	23.34	23.32	25.00
10	QPSK	1	25	22.58	22.83	22.76	25.00
10	QPSK	1	49	22.35	22.72	22.69	25.00
10	QPSK	25	0	21.97	22.05	21.99	24.00
10	QPSK	25	12	21.91	22.07	21.92	24.00
10	QPSK	25	25	21.80	22.13	21.94	24.00
10	QPSK	50	0	21.88	22.15	22.02	24.00
10	16QAM	1	0	22.16	22.41	22.22	24.00
10	16QAM	1	25	22.10	22.20	22.16	24.00
10	16QAM	1	49	21.82	22.07	21.95	24.00
10	16QAM	25	0	20.78	21.07	21.05	23.00
10	16QAM	25	12	20.89	21.06	21.10	23.00
10	16QAM	25	25	21.06	21.23	21.18	23.00
10	16QAM	50	0	20.83	21.06	21.07	23.00
10	64QAM	1	0	21.02	21.26	21.26	23.00
10	64QAM	1	25	21.04	21.30	21.07	23.00
10	64QAM	1	49	20.88	21.10	21.03	23.00
10	64QAM	25	0	20.14	20.29	20.12	22.00
10	64QAM	25	12	20.08	20.16	20.00	22.00
10	64QAM	25	25	20.12	20.38	20.34	22.00
10	64QAM	50	0	19.81	20.04	19.98	22.00
10	256QAM	1	0	18.17	18.41	18.18	20.00
10	256QAM	1	25	18.03	18.21	18.16	20.00

10	256QAM	1	49	18.00	18.13	18.10	20.00
10	256QAM	25	0	17.89	18.00	17.83	20.00
10	256QAM	25	12	17.83	18.13	18.01	20.00
10	256QAM	25	25	18.18	18.37	18.30	20.00
10	256QAM	50	0	18.21	18.35	18.25	20.00
Channel				42115	42590	43065	Tune-up limit (dBm)
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	23.11	23.30	23.24	25.00
5	QPSK	1	12	22.58	22.88	22.73	25.00
5	QPSK	1	24	22.44	22.75	22.62	25.00
5	QPSK	12	0	22.00	22.07	22.02	24.00
5	QPSK	12	7	21.90	22.10	21.83	24.00
5	QPSK	12	13	21.87	22.17	21.94	24.00
5	QPSK	25	0	21.92	22.17	22.03	24.00
5	16QAM	1	0	22.15	22.37	22.22	24.00
5	16QAM	1	12	22.03	22.21	22.13	24.00
5	16QAM	1	24	21.84	22.11	21.92	24.00
5	16QAM	12	0	20.83	20.99	20.98	23.00
5	16QAM	12	7	20.86	21.11	21.02	23.00
5	16QAM	12	13	21.06	21.32	21.23	23.00
5	16QAM	25	0	20.89	21.05	21.02	23.00
5	64QAM	1	0	20.98	21.35	21.27	23.00
5	64QAM	1	12	20.98	21.29	21.18	23.00
5	64QAM	1	24	20.94	21.10	21.01	23.00
5	64QAM	12	0	20.10	20.28	20.24	22.00
5	64QAM	12	7	19.96	20.20	20.03	22.00
5	64QAM	12	13	20.12	20.37	20.38	22.00
5	64QAM	25	0	19.76	19.96	20.01	22.00
5	256QAM	1	0	18.18	18.40	18.13	20.00
5	256QAM	1	12	18.05	18.27	18.14	20.00
5	256QAM	1	24	18.02	18.15	18.00	20.00
5	256QAM	12	0	17.92	18.05	17.79	20.00
5	256QAM	12	7	17.94	18.08	18.04	20.00
5	256QAM	12	13	18.15	18.36	18.37	20.00
5	256QAM	25	0	18.14	18.29	18.22	20.00

【LTE Band 42 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant
9_DSI 5】

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	18.11	18.21	18.09	20.00
20	QPSK	1	49	17.97	18.13	17.98	20.00
20	QPSK	1	99	18.02	18.16	17.97	20.00
20	QPSK	50	0	18.01	18.16	18.06	20.00
20	QPSK	50	24	17.89	18.04	17.84	20.00
20	QPSK	50	50	17.85	18.07	17.83	20.00
20	QPSK	100	0	18.01	18.08	18.03	20.00
20	16QAM	1	0	18.01	18.18	17.98	20.00
20	16QAM	1	49	17.79	18.02	17.76	20.00
20	16QAM	1	99	18.00	18.19	18.04	20.00
20	16QAM	50	0	17.90	18.05	17.84	20.00
20	16QAM	50	24	18.00	18.23	18.05	20.00
20	16QAM	50	50	17.88	18.11	17.94	20.00
20	16QAM	100	0	18.04	18.19	18.00	20.00
20	64QAM	1	0	17.91	18.14	17.93	20.00
20	64QAM	1	49	18.02	18.23	17.99	20.00
20	64QAM	1	99	18.06	18.22	18.02	20.00
20	64QAM	50	0	18.02	18.22	17.97	20.00
20	64QAM	50	24	18.01	18.18	17.97	20.00
20	64QAM	50	50	17.94	18.18	18.03	20.00
20	64QAM	100	0	18.00	18.12	18.06	20.00
20	256QAM	1	0	17.84	18.07	17.83	20.00
20	256QAM	1	49	17.87	18.06	17.84	20.00
20	256QAM	1	99	17.99	18.18	18.00	20.00
20	256QAM	50	0	17.91	18.08	17.84	20.00
20	256QAM	50	24	17.84	18.05	17.87	20.00
20	256QAM	50	50	18.06	18.23	18.05	20.00

20	256QAM	100	0	18.05	18.20	18.00	20.00
Channel				42165	42590	43015	Tune-up limit
Frequency (MHz)				3457.5	3500	3542.5	(dBm)
15	QPSK	1	0	18.05	18.11	17.97	20.00
15	QPSK	1	37	17.82	18.04	17.96	20.00
15	QPSK	1	74	17.95	18.01	17.85	20.00
15	QPSK	36	0	17.98	18.12	17.93	20.00
15	QPSK	36	20	17.87	17.91	17.73	20.00
15	QPSK	36	39	17.71	18.00	17.81	20.00
15	QPSK	75	0	17.89	18.02	17.75	20.00
15	16QAM	1	0	17.89	18.05	17.89	20.00
15	16QAM	1	37	17.72	17.94	17.71	20.00
15	16QAM	1	74	17.94	18.11	17.96	20.00
15	16QAM	36	0	17.83	17.91	17.71	20.00
15	16QAM	36	20	17.90	18.20	17.92	20.00
15	16QAM	36	39	17.87	17.98	17.86	20.00
15	16QAM	75	0	17.99	18.12	17.94	20.00
15	64QAM	1	0	17.79	18.13	17.91	20.00
15	64QAM	1	37	17.94	18.16	17.92	20.00
15	64QAM	1	74	18.03	18.20	17.92	20.00
15	64QAM	36	0	17.90	18.21	17.95	20.00
15	64QAM	36	20	17.97	18.17	17.94	20.00
15	64QAM	36	39	17.88	18.14	17.93	20.00
15	64QAM	75	0	17.92	17.98	17.86	20.00
15	256QAM	1	0	17.80	18.01	17.76	20.00
15	256QAM	1	37	17.83	17.92	17.81	20.00
15	256QAM	1	74	17.87	18.09	17.87	20.00
15	256QAM	36	0	17.78	18.06	17.74	20.00
15	256QAM	36	20	17.83	18.03	17.82	20.00
15	256QAM	36	39	18.01	18.18	17.93	20.00
15	256QAM	75	0	17.99	18.09	17.92	20.00
Channel				42140	42590	43040	Tune-up limit
Frequency (MHz)				3455	3500	3545	(dBm)
10	QPSK	1	0	18.09	18.08	17.97	20.00
10	QPSK	1	25	17.93	18.06	17.88	20.00
10	QPSK	1	49	18.00	18.04	17.90	20.00
10	QPSK	25	0	17.97	18.06	17.91	20.00
10	QPSK	25	12	17.79	18.00	17.82	20.00
10	QPSK	25	25	17.83	17.98	17.79	20.00
10	QPSK	50	0	17.82	18.01	17.78	20.00
10	16QAM	1	0	17.98	18.05	17.94	20.00
10	16QAM	1	25	17.73	17.94	17.74	20.00
10	16QAM	1	49	17.93	18.09	17.98	20.00
10	16QAM	25	0	17.80	18.02	17.70	20.00
10	16QAM	25	12	17.88	18.17	18.03	20.00
10	16QAM	25	25	17.85	18.01	17.88	20.00
10	16QAM	50	0	17.95	18.14	17.92	20.00
10	64QAM	1	0	17.82	18.05	17.82	20.00
10	64QAM	1	25	17.90	18.20	17.89	20.00
10	64QAM	1	49	17.93	18.14	17.96	20.00
10	64QAM	25	0	17.93	18.10	17.84	20.00
10	64QAM	25	12	17.94	18.08	17.91	20.00
10	64QAM	25	25	17.82	18.12	17.94	20.00
10	64QAM	50	0	17.92	18.01	17.84	20.00
10	256QAM	1	0	17.77	17.94	17.82	20.00
10	256QAM	1	25	17.74	17.91	17.83	20.00
10	256QAM	1	49	17.90	18.05	17.93	20.00
10	256QAM	25	0	17.89	18.02	17.77	20.00
10	256QAM	25	12	17.81	17.97	17.78	20.00
10	256QAM	25	25	17.92	18.18	17.93	20.00
10	256QAM	50	0	17.96	18.10	17.97	20.00
Channel				42115	42590	43065	Tune-up limit
Frequency (MHz)				3452.5	3500	3547.5	(dBm)
5	QPSK	1	0	18.04	18.16	18.01	20.00
5	QPSK	1	12	17.91	18.03	17.94	20.00
5	QPSK	1	24	17.94	18.13	17.83	20.00
5	QPSK	12	0	17.88	18.11	17.87	20.00
5	QPSK	12	7	17.75	17.94	17.79	20.00
5	QPSK	12	13	17.82	17.94	17.69	20.00
5	QPSK	25	0	17.85	17.94	17.77	20.00
5	16QAM	1	0	17.97	18.15	17.84	20.00
5	16QAM	1	12	17.77	18.01	17.71	20.00
5	16QAM	1	24	17.89	18.12	17.93	20.00
5	16QAM	12	0	17.84	18.00	17.78	20.00

5	16QAM	12	7	17.93	18.20	18.00	20.00
5	16QAM	12	13	17.75	18.07	17.86	20.00
5	16QAM	25	0	17.89	18.14	17.94	20.00
5	64QAM	1	0	17.87	18.02	17.86	20.00
5	64QAM	1	12	17.92	18.20	17.96	20.00
5	64QAM	1	24	18.04	18.15	17.98	20.00
5	64QAM	12	0	17.90	18.16	17.84	20.00
5	64QAM	12	7	17.93	18.17	17.84	20.00
5	64QAM	12	13	17.84	18.10	17.88	20.00
5	64QAM	25	0	17.97	18.04	17.90	20.00
5	256QAM	1	0	17.69	17.96	17.78	20.00
5	256QAM	1	12	17.78	18.04	17.78	20.00
5	256QAM	1	24	17.91	18.03	17.92	20.00
5	256QAM	12	0	17.85	18.06	17.74	20.00
5	256QAM	12	7	17.71	17.93	17.86	20.00
5	256QAM	12	13	18.03	18.10	18.00	20.00
5	256QAM	25	0	17.93	18.14	17.96	20.00

【LTE Band 42 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant
10_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	24.26	24.47	24.44	25.70
20	QPSK	1	49	24.10	24.35	24.29	25.70
20	QPSK	1	99	24.11	24.36	24.24	25.70
20	QPSK	50	0	23.29	23.57	23.41	24.70
20	QPSK	50	24	23.07	23.37	23.23	24.70
20	QPSK	50	50	23.28	23.56	23.48	24.70
20	QPSK	100	0	23.30	23.55	23.44	24.70
20	16QAM	1	0	23.33	23.67	23.58	24.70
20	16QAM	1	49	23.35	23.65	23.61	24.70
20	16QAM	1	99	23.36	23.66	23.62	24.70
20	16QAM	50	0	22.22	22.53	22.41	23.70
20	16QAM	50	24	22.24	22.57	22.40	23.70
20	16QAM	50	50	22.23	22.47	22.39	23.70
20	16QAM	100	0	22.21	22.54	22.50	23.70
20	64QAM	1	0	22.17	22.47	22.34	23.70
20	64QAM	1	49	22.34	22.67	22.60	23.70
20	64QAM	1	99	22.42	22.69	22.54	23.70
20	64QAM	50	0	21.38	21.62	21.56	22.70
20	64QAM	50	24	21.20	21.42	21.31	22.70
20	64QAM	50	50	21.15	21.42	21.29	22.70
20	64QAM	100	0	21.31	21.54	21.43	22.70
20	256QAM	1	0	19.41	19.64	19.54	20.70
20	256QAM	1	49	19.56	19.76	19.59	20.70
20	256QAM	1	99	19.38	19.59	19.52	20.70
20	256QAM	50	0	19.22	19.40	19.23	20.70
20	256QAM	50	24	19.13	19.33	19.28	20.70
20	256QAM	50	50	19.18	19.49	19.43	20.70
20	256QAM	100	0	19.38	19.59	19.50	20.70
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	24.16	24.34	24.30	25.70
15	QPSK	1	37	23.95	24.21	24.19	25.70
15	QPSK	1	74	23.98	24.21	24.14	25.70
15	QPSK	36	0	23.23	23.53	23.37	24.70
15	QPSK	36	20	23.00	23.25	23.12	24.70
15	QPSK	36	39	23.17	23.42	23.36	24.70
15	QPSK	75	0	23.27	23.53	23.35	24.70
15	16QAM	1	0	23.29	23.52	23.52	24.70
15	16QAM	1	37	23.26	23.61	23.50	24.70
15	16QAM	1	74	23.35	23.57	23.56	24.70
15	16QAM	36	0	22.18	22.49	22.37	23.70
15	16QAM	36	20	22.18	22.46	22.27	23.70
15	16QAM	36	39	22.09	22.42	22.30	23.70
15	16QAM	75	0	22.09	22.52	22.36	23.70
15	64QAM	1	0	22.16	22.44	22.29	23.70

15	64QAM	1	37	22.19	22.64	22.55	23.70
15	64QAM	1	74	22.33	22.64	22.48	23.70
15	64QAM	36	0	21.33	21.54	21.41	22.70
15	64QAM	36	20	21.10	21.30	21.17	22.70
15	64QAM	36	39	21.05	21.38	21.28	22.70
15	64QAM	75	0	21.22	21.47	21.36	22.70
15	256QAM	1	0	19.31	19.61	19.40	20.70
15	256QAM	1	37	19.50	19.73	19.51	20.70
15	256QAM	1	74	19.29	19.56	19.51	20.70
15	256QAM	36	0	19.12	19.26	19.13	20.70
15	256QAM	36	20	19.00	19.23	19.25	20.70
15	256QAM	36	39	19.03	19.42	19.36	20.70
15	256QAM	75	0	19.30	19.57	19.41	20.70
Channel				42140	42590	43040	Tune-up limit
Frequency (MHz)				3455	3500	3545	(dBm)
10	QPSK	1	0	24.17	24.42	24.30	25.70
10	QPSK	1	25	24.00	24.22	24.21	25.70
10	QPSK	1	49	23.97	24.28	24.12	25.70
10	QPSK	25	0	23.28	23.44	23.34	24.70
10	QPSK	25	12	22.98	23.32	23.21	24.70
10	QPSK	25	25	23.24	23.49	23.36	24.70
10	QPSK	50	0	23.19	23.42	23.32	24.70
10	16QAM	1	0	23.26	23.54	23.57	24.70
10	16QAM	1	25	23.28	23.53	23.46	24.70
10	16QAM	1	49	23.34	23.54	23.55	24.70
10	16QAM	25	0	22.20	22.50	22.37	23.70
10	16QAM	25	12	22.09	22.54	22.33	23.70
10	16QAM	25	25	22.12	22.32	22.32	23.70
10	16QAM	50	0	22.07	22.43	22.43	23.70
10	64QAM	1	0	22.05	22.33	22.20	23.70
10	64QAM	1	25	22.31	22.61	22.56	23.70
10	64QAM	1	49	22.32	22.61	22.43	23.70
10	64QAM	25	0	21.32	21.51	21.50	22.70
10	64QAM	25	12	21.13	21.30	21.18	22.70
10	64QAM	25	25	21.07	21.30	21.16	22.70
10	64QAM	50	0	21.20	21.52	21.37	22.70
10	256QAM	1	0	19.34	19.52	19.43	20.70
10	256QAM	1	25	19.42	19.62	19.50	20.70
10	256QAM	1	49	19.24	19.55	19.39	20.70
10	256QAM	25	0	19.15	19.32	19.21	20.70
10	256QAM	25	12	18.99	19.24	19.15	20.70
10	256QAM	25	25	19.05	19.45	19.34	20.70
10	256QAM	50	0	19.32	19.50	19.37	20.70
Channel				42115	42590	43065	Tune-up limit
Frequency (MHz)				3452.5	3500	3547.5	(dBm)
5	QPSK	1	0	24.22	24.42	24.34	25.70
5	QPSK	1	12	24.01	24.22	24.16	25.70
5	QPSK	1	24	23.98	24.32	24.15	25.70
5	QPSK	12	0	23.18	23.51	23.33	24.70
5	QPSK	12	7	22.98	23.23	23.19	24.70
5	QPSK	12	13	23.15	23.54	23.36	24.70
5	QPSK	25	0	23.25	23.46	23.41	24.70
5	16QAM	1	0	23.19	23.53	23.53	24.70
5	16QAM	1	12	23.28	23.60	23.58	24.70
5	16QAM	1	24	23.29	23.64	23.49	24.70
5	16QAM	12	0	22.15	22.42	22.30	23.70
5	16QAM	12	7	22.12	22.44	22.28	23.70
5	16QAM	12	13	22.14	22.40	22.34	23.70
5	16QAM	25	0	22.17	22.44	22.42	23.70
5	64QAM	1	0	22.03	22.35	22.30	23.70
5	64QAM	1	12	22.23	22.53	22.53	23.70
5	64QAM	1	24	22.37	22.65	22.44	23.70
5	64QAM	12	0	21.33	21.54	21.47	22.70
5	64QAM	12	7	21.14	21.33	21.27	22.70
5	64QAM	12	13	21.00	21.37	21.14	22.70
5	64QAM	25	0	21.26	21.47	21.33	22.70
5	256QAM	1	0	19.36	19.59	19.50	20.70
5	256QAM	1	12	19.52	19.73	19.46	20.70
5	256QAM	1	24	19.28	19.57	19.48	20.70
5	256QAM	12	0	19.17	19.27	19.14	20.70
5	256QAM	12	7	19.05	19.21	19.15	20.70
5	256QAM	12	13	19.15	19.39	19.42	20.70
5	256QAM	25	0	19.35	19.56	19.44	20.70

【LTE Band 42 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant
10_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	18.25	18.30	18.23	19.20
20	QPSK	1	49	18.19	18.25	18.13	19.20
20	QPSK	1	99	18.16	18.23	18.07	19.20
20	QPSK	50	0	18.18	18.28	18.16	19.20
20	QPSK	50	24	18.09	18.26	18.11	19.20
20	QPSK	50	50	18.17	18.24	18.06	19.20
20	QPSK	100	0	18.06	18.13	17.99	19.20
20	16QAM	1	0	18.06	18.25	18.15	19.20
20	16QAM	1	49	17.96	18.13	18.03	19.20
20	16QAM	1	99	17.92	18.09	17.95	19.20
20	16QAM	50	0	18.10	18.16	17.94	19.20
20	16QAM	50	24	18.00	18.17	18.05	19.20
20	16QAM	50	50	18.04	18.12	17.97	19.20
20	16QAM	100	0	17.98	18.06	17.97	19.20
20	64QAM	1	0	18.29	18.36	18.16	19.20
20	64QAM	1	49	17.99	18.18	18.07	19.20
20	64QAM	1	99	18.09	18.21	18.13	19.20
20	64QAM	50	0	17.91	18.05	17.83	19.20
20	64QAM	50	24	18.09	18.19	18.03	19.20
20	64QAM	50	50	18.02	18.15	17.96	19.20
20	64QAM	100	0	18.07	18.16	18.00	19.20
20	256QAM	1	0	18.17	18.25	18.03	19.20
20	256QAM	1	49	18.24	18.40	18.28	19.20
20	256QAM	1	99	18.03	18.10	17.94	19.20
20	256QAM	50	0	17.96	18.13	17.95	19.20
20	256QAM	50	24	18.06	18.15	17.95	19.20
20	256QAM	50	50	17.89	18.03	17.84	19.20
20	256QAM	100	0	18.22	18.36	18.21	19.20
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	18.19	18.25	18.09	19.20
15	QPSK	1	37	18.08	18.15	18.09	19.20
15	QPSK	1	74	18.03	18.15	18.02	19.20
15	QPSK	36	0	18.02	18.17	18.05	19.20
15	QPSK	36	20	18.09	18.18	18.04	19.20
15	QPSK	36	39	18.11	18.23	17.99	19.20
15	QPSK	75	0	17.93	18.02	17.88	19.20
15	16QAM	1	0	17.98	18.14	18.06	19.20
15	16QAM	1	37	17.87	18.04	17.91	19.20
15	16QAM	1	74	17.78	17.97	17.86	19.20
15	16QAM	36	0	18.09	18.04	17.89	19.20
15	16QAM	36	20	17.86	18.06	17.94	19.20
15	16QAM	36	39	18.01	18.06	17.83	19.20
15	16QAM	75	0	17.92	17.92	17.85	19.20
15	64QAM	1	0	18.19	18.21	18.08	19.20
15	64QAM	1	37	17.91	18.16	17.99	19.20
15	64QAM	1	74	17.96	18.17	18.03	19.20
15	64QAM	36	0	17.86	17.94	17.72	19.20
15	64QAM	36	20	18.04	18.12	17.94	19.20
15	64QAM	36	39	17.96	18.05	17.91	19.20
15	64QAM	75	0	18.02	18.08	17.87	19.20
15	256QAM	1	0	18.11	18.18	17.91	19.20
15	256QAM	1	37	18.12	18.39	18.13	19.20
15	256QAM	1	74	17.99	17.97	17.92	19.20
15	256QAM	36	0	17.87	18.10	17.89	19.20
15	256QAM	36	20	17.99	18.12	17.87	19.20
15	256QAM	36	39	17.78	18.01	17.74	19.20
15	256QAM	75	0	18.18	18.33	18.10	19.20
Channel				42140	42590	43040	Tune-up limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	18.15	18.21	18.18	19.20
10	QPSK	1	25	18.11	18.11	18.08	19.20
10	QPSK	1	49	18.09	18.13	17.99	19.20

10	QPSK	25	0	17.96	18.19	18.11	19.20
10	QPSK	25	12	18.06	18.17	18.02	19.20
10	QPSK	25	25	18.04	18.17	17.91	19.20
10	QPSK	50	0	17.91	18.11	17.93	19.20
10	16QAM	1	0	17.99	18.14	18.06	19.20
10	16QAM	1	25	17.83	18.12	17.93	19.20
10	16QAM	1	49	17.80	17.99	17.85	19.20
10	16QAM	25	0	17.97	18.12	17.81	19.20
10	16QAM	25	12	17.93	18.03	18.01	19.20
10	16QAM	25	25	17.93	18.07	17.90	19.20
10	16QAM	50	0	17.92	17.94	17.91	19.20
10	64QAM	1	0	18.20	18.21	18.02	19.20
10	64QAM	1	25	17.90	18.10	18.01	19.20
10	64QAM	1	49	17.98	18.19	18.10	19.20
10	64QAM	25	0	17.88	17.95	17.81	19.20
10	64QAM	25	12	17.94	18.05	17.97	19.20
10	64QAM	25	25	17.91	18.04	17.86	19.20
10	64QAM	50	0	17.97	18.05	17.90	19.20
10	256QAM	1	0	18.08	18.18	17.97	19.20
10	256QAM	1	25	18.19	18.33	18.22	19.20
10	256QAM	1	49	17.95	17.96	17.82	19.20
10	256QAM	25	0	17.92	18.06	17.90	19.20
10	256QAM	25	12	17.91	18.03	17.82	19.20
10	256QAM	25	25	17.74	17.93	17.70	19.20
10	256QAM	50	0	18.16	18.28	18.11	19.20
Channel				42115	42590	43065	Tune-up limit
Frequency (MHz)				3452.5	3500	3547.5	(dBm)
5	QPSK	1	0	18.15	18.25	18.13	19.20
5	QPSK	1	12	18.11	18.17	18.00	19.20
5	QPSK	1	24	18.10	18.21	18.01	19.20
5	QPSK	12	0	17.96	18.26	18.13	19.20
5	QPSK	12	7	18.09	18.18	17.98	19.20
5	QPSK	12	13	18.12	18.22	17.93	19.20
5	QPSK	25	0	17.93	18.01	17.91	19.20
5	16QAM	1	0	17.93	18.16	18.04	19.20
5	16QAM	1	12	17.88	18.09	17.91	19.20
5	16QAM	1	24	17.87	18.03	17.90	19.20
5	16QAM	12	0	17.96	18.13	17.87	19.20
5	16QAM	12	7	17.88	18.03	18.04	19.20
5	16QAM	12	13	17.98	18.07	17.84	19.20
5	16QAM	25	0	17.93	17.92	17.89	19.20
5	64QAM	1	0	18.28	18.23	18.12	19.20
5	64QAM	1	12	17.92	18.08	18.04	19.20
5	64QAM	1	24	18.05	18.09	18.05	19.20
5	64QAM	12	0	17.89	17.91	17.80	19.20
5	64QAM	12	7	17.98	18.17	18.02	19.20
5	64QAM	12	13	17.89	18.05	17.93	19.20
5	64QAM	25	0	17.99	18.07	17.89	19.20
5	256QAM	1	0	18.04	18.17	17.90	19.20
5	256QAM	1	12	18.12	18.36	18.14	19.20
5	256QAM	1	24	17.92	18.07	17.87	19.20
5	256QAM	12	0	17.90	18.07	17.80	19.20
5	256QAM	12	7	18.02	18.12	17.88	19.20
5	256QAM	12	13	17.86	17.96	17.76	19.20
5	256QAM	25	0	18.18	18.24	18.06	19.20

【LTE Band 42 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant
10_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	Tune-up limit (dBm)
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	18.43	18.54	18.39	19.70
20	QPSK	1	49	18.27	18.39	18.20	19.70
20	QPSK	1	99	18.33	18.52	18.34	19.70
20	QPSK	50	0	18.39	18.53	18.37	19.70
20	QPSK	50	24	18.27	18.49	18.31	19.70
20	QPSK	50	50	18.37	18.51	18.35	19.70
20	QPSK	100	0	18.28	18.52	18.11	19.70
20	16QAM	1	0	18.49	18.62	18.36	19.70
20	16QAM	1	49	18.31	18.51	18.33	19.70
20	16QAM	1	99	18.22	18.43	18.17	19.70
20	16QAM	50	0	18.19	18.42	18.24	19.70
20	16QAM	50	24	18.19	18.45	18.19	19.70
20	16QAM	50	50	18.43	18.55	18.32	19.70
20	16QAM	100	0	18.29	18.46	18.27	19.70
20	64QAM	1	0	18.28	18.45	18.17	19.70
20	64QAM	1	49	18.24	18.49	18.24	19.70
20	64QAM	1	99	18.37	18.59	18.42	19.70
20	64QAM	50	0	18.33	18.55	18.34	19.70
20	64QAM	50	24	18.29	18.42	18.20	19.70
20	64QAM	50	50	18.27	18.42	18.18	19.70
20	64QAM	100	0	18.28	18.41	18.22	19.70
20	256QAM	1	0	18.39	18.56	18.29	19.70
20	256QAM	1	49	18.40	18.54	18.38	19.70
20	256QAM	1	99	18.39	18.51	18.35	19.70
20	256QAM	50	0	18.27	18.47	18.28	19.70
20	256QAM	50	24	18.43	18.62	18.33	19.70
20	256QAM	50	50	18.30	18.56	18.31	19.70
20	256QAM	100	0	18.38	18.56	18.37	19.70
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	18.36	18.52	18.28	19.70
15	QPSK	1	37	18.18	18.37	18.09	19.70
15	QPSK	1	74	18.20	18.38	18.23	19.70
15	QPSK	36	0	18.36	18.51	18.22	19.70
15	QPSK	36	20	18.17	18.42	18.19	19.70
15	QPSK	36	39	18.33	18.47	18.32	19.70
15	QPSK	75	0	18.25	18.33	18.03	19.70
15	16QAM	1	0	18.47	18.56	18.33	19.70
15	16QAM	1	37	18.19	18.41	18.22	19.70
15	16QAM	1	74	18.15	18.41	18.14	19.70
15	16QAM	36	0	18.13	18.38	18.17	19.70
15	16QAM	36	20	18.16	18.44	18.11	19.70
15	16QAM	36	39	18.36	18.51	18.23	19.70
15	16QAM	75	0	18.23	18.42	18.21	19.70
15	64QAM	1	0	18.22	18.42	18.04	19.70
15	64QAM	1	37	18.22	18.46	18.12	19.70
15	64QAM	1	74	18.26	18.51	18.39	19.70
15	64QAM	36	0	18.18	18.53	18.27	19.70
15	64QAM	36	20	18.19	18.29	18.09	19.70
15	64QAM	36	39	18.22	18.27	18.07	19.70
15	64QAM	75	0	18.18	18.37	18.19	19.70
15	256QAM	1	0	18.28	18.49	18.20	19.70
15	256QAM	1	37	18.36	18.42	18.36	19.70
15	256QAM	1	74	18.35	18.49	18.25	19.70
15	256QAM	36	0	18.14	18.36	18.26	19.70
15	256QAM	36	20	18.41	18.57	18.29	19.70
15	256QAM	36	39	18.18	18.51	18.24	19.70
15	256QAM	75	0	18.29	18.47	18.27	19.70
Channel				42140	42590	43040	Tune-up limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	18.28	18.50	18.26	19.70
10	QPSK	1	25	18.13	18.34	18.10	19.70
10	QPSK	1	49	18.31	18.38	18.31	19.70
10	QPSK	25	0	18.26	18.41	18.32	19.70
10	QPSK	25	12	18.24	18.43	18.30	19.70
10	QPSK	25	25	18.35	18.46	18.32	19.70

10	QPSK	50	0	18.17	18.39	18.03	19.70
10	16QAM	1	0	18.37	18.58	18.28	19.70
10	16QAM	1	25	18.30	18.41	18.27	19.70
10	16QAM	1	49	18.12	18.40	18.04	19.70
10	16QAM	25	0	18.07	18.36	18.15	19.70
10	16QAM	25	12	18.15	18.38	18.15	19.70
10	16QAM	25	25	18.41	18.49	18.20	19.70
10	16QAM	50	0	18.25	18.32	18.16	19.70
10	64QAM	1	0	18.13	18.40	18.08	19.70
10	64QAM	1	25	18.10	18.36	18.16	19.70
10	64QAM	1	49	18.25	18.54	18.38	19.70
10	64QAM	25	0	18.19	18.51	18.32	19.70
10	64QAM	25	12	18.25	18.29	18.18	19.70
10	64QAM	25	25	18.21	18.36	18.08	19.70
10	64QAM	50	0	18.24	18.32	18.18	19.70
10	256QAM	1	0	18.29	18.49	18.19	19.70
10	256QAM	1	25	18.28	18.44	18.28	19.70
10	256QAM	1	49	18.25	18.47	18.21	19.70
10	256QAM	25	0	18.23	18.40	18.24	19.70
10	256QAM	25	12	18.39	18.48	18.31	19.70
10	256QAM	25	25	18.26	18.44	18.17	19.70
10	256QAM	50	0	18.29	18.49	18.35	19.70
Channel				42115	42590	43065	Tune-up limit (dBm)
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	18.41	18.43	18.34	19.70
5	QPSK	1	12	18.20	18.30	18.07	19.70
5	QPSK	1	24	18.21	18.41	18.30	19.70
5	QPSK	12	0	18.27	18.51	18.33	19.70
5	QPSK	12	7	18.17	18.41	18.30	19.70
5	QPSK	12	13	18.35	18.40	18.27	19.70
5	QPSK	25	0	18.19	18.39	18.02	19.70
5	16QAM	1	0	18.37	18.54	18.34	19.70
5	16QAM	1	12	18.26	18.44	18.32	19.70
5	16QAM	1	24	18.09	18.34	18.03	19.70
5	16QAM	12	0	18.10	18.40	18.17	19.70
5	16QAM	12	7	18.05	18.34	18.14	19.70
5	16QAM	12	13	18.35	18.43	18.24	19.70
5	16QAM	25	0	18.17	18.34	18.17	19.70
5	64QAM	1	0	18.16	18.44	18.08	19.70
5	64QAM	1	12	18.21	18.36	18.20	19.70
5	64QAM	1	24	18.26	18.57	18.32	19.70
5	64QAM	12	0	18.28	18.49	18.21	19.70
5	64QAM	12	7	18.25	18.32	18.11	19.70
5	64QAM	12	13	18.23	18.41	18.06	19.70
5	64QAM	25	0	18.20	18.36	18.13	19.70
5	256QAM	1	0	18.33	18.50	18.27	19.70
5	256QAM	1	12	18.26	18.48	18.36	19.70
5	256QAM	1	24	18.36	18.47	18.28	19.70
5	256QAM	12	0	18.25	18.36	18.14	19.70
5	256QAM	12	7	18.32	18.59	18.19	19.70
5	256QAM	12	13	18.17	18.54	18.25	19.70
5	256QAM	25	0	18.24	18.52	18.32	19.70

【LTE Band 42 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant
10_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	18.43	18.54	18.39	19.70
20	QPSK	1	49	18.27	18.39	18.20	19.70
20	QPSK	1	99	18.33	18.52	18.34	19.70
20	QPSK	50	0	18.39	18.53	18.37	19.70
20	QPSK	50	24	18.27	18.49	18.31	19.70
20	QPSK	50	50	18.37	18.51	18.35	19.70
20	QPSK	100	0	18.28	18.52	18.11	19.70
20	16QAM	1	0	18.49	18.62	18.36	19.70
20	16QAM	1	49	18.31	18.51	18.33	19.70
20	16QAM	1	99	18.22	18.43	18.17	19.70

20	16QAM	50	0	18.19	18.42	18.24	19.70
20	16QAM	50	24	18.19	18.45	18.19	19.70
20	16QAM	50	50	18.43	18.55	18.32	19.70
20	16QAM	100	0	18.29	18.46	18.27	19.70
20	64QAM	1	0	18.28	18.45	18.17	19.70
20	64QAM	1	49	18.24	18.49	18.24	19.70
20	64QAM	1	99	18.37	18.59	18.42	19.70
20	64QAM	50	0	18.33	18.55	18.34	19.70
20	64QAM	50	24	18.29	18.42	18.20	19.70
20	64QAM	50	50	18.27	18.42	18.18	19.70
20	64QAM	100	0	18.28	18.41	18.22	19.70
20	256QAM	1	0	18.39	18.56	18.29	19.70
20	256QAM	1	49	18.40	18.54	18.38	19.70
20	256QAM	1	99	18.39	18.51	18.35	19.70
20	256QAM	50	0	18.27	18.47	18.28	19.70
20	256QAM	50	24	18.43	18.62	18.33	19.70
20	256QAM	50	50	18.30	18.56	18.31	19.70
20	256QAM	100	0	18.38	18.56	18.37	19.70
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	18.36	18.52	18.28	19.70
15	QPSK	1	37	18.18	18.37	18.09	19.70
15	QPSK	1	74	18.20	18.38	18.23	19.70
15	QPSK	36	0	18.36	18.51	18.22	19.70
15	QPSK	36	20	18.17	18.42	18.19	19.70
15	QPSK	36	39	18.33	18.47	18.32	19.70
15	QPSK	75	0	18.25	18.33	18.03	19.70
15	16QAM	1	0	18.47	18.56	18.33	19.70
15	16QAM	1	37	18.19	18.41	18.22	19.70
15	16QAM	1	74	18.15	18.41	18.14	19.70
15	16QAM	36	0	18.13	18.38	18.17	19.70
15	16QAM	36	20	18.16	18.44	18.11	19.70
15	16QAM	36	39	18.36	18.51	18.23	19.70
15	16QAM	75	0	18.23	18.42	18.21	19.70
15	64QAM	1	0	18.22	18.42	18.04	19.70
15	64QAM	1	37	18.22	18.46	18.12	19.70
15	64QAM	1	74	18.26	18.51	18.39	19.70
15	64QAM	36	0	18.18	18.53	18.27	19.70
15	64QAM	36	20	18.19	18.29	18.09	19.70
15	64QAM	36	39	18.22	18.27	18.07	19.70
15	64QAM	75	0	18.18	18.37	18.19	19.70
15	256QAM	1	0	18.28	18.49	18.20	19.70
15	256QAM	1	37	18.36	18.42	18.36	19.70
15	256QAM	1	74	18.35	18.49	18.25	19.70
15	256QAM	36	0	18.14	18.36	18.26	19.70
15	256QAM	36	20	18.41	18.57	18.29	19.70
15	256QAM	36	39	18.18	18.51	18.24	19.70
15	256QAM	75	0	18.29	18.47	18.27	19.70
Channel				42140	42590	43040	Tune-up limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	18.28	18.50	18.26	19.70
10	QPSK	1	25	18.13	18.34	18.10	19.70
10	QPSK	1	49	18.31	18.38	18.31	19.70
10	QPSK	25	0	18.26	18.41	18.32	19.70
10	QPSK	25	12	18.24	18.43	18.30	19.70
10	QPSK	25	25	18.35	18.46	18.32	19.70
10	QPSK	50	0	18.17	18.39	18.03	19.70
10	16QAM	1	0	18.37	18.58	18.28	19.70
10	16QAM	1	25	18.30	18.41	18.27	19.70
10	16QAM	1	49	18.12	18.40	18.04	19.70
10	16QAM	25	0	18.07	18.36	18.15	19.70
10	16QAM	25	12	18.15	18.38	18.15	19.70
10	16QAM	25	25	18.41	18.49	18.20	19.70
10	16QAM	50	0	18.25	18.32	18.16	19.70
10	64QAM	1	0	18.13	18.40	18.08	19.70
10	64QAM	1	25	18.10	18.36	18.16	19.70
10	64QAM	1	49	18.25	18.54	18.38	19.70
10	64QAM	25	0	18.19	18.51	18.32	19.70
10	64QAM	25	12	18.25	18.29	18.18	19.70
10	64QAM	25	25	18.21	18.36	18.08	19.70
10	64QAM	50	0	18.24	18.32	18.18	19.70
10	256QAM	1	0	18.29	18.49	18.19	19.70
10	256QAM	1	25	18.28	18.44	18.28	19.70
10	256QAM	1	49	18.25	18.47	18.21	19.70