

Appendix E. Output Power Measurement

<GSM Conducted Power>

【GSM850_Ant 8_Full Power】

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GPRS 1 Tx slot	32.47	31.98	32.29	33.50	23.47	22.98	23.29	24.50
GPRS 2 Tx slots	32.10	31.53	32.03	33.50	26.10	25.53	26.03	27.50
GPRS 3 Tx slots	31.74	31.17	31.70	32.50	27.48	26.91	27.44	28.24
GPRS 4 Tx slots	30.86	30.92	30.88	32.50	27.86	27.92	27.88	29.50
EDGE 1 Tx slot	26.10	26.24	25.96	27.50	17.10	17.24	16.96	18.50
EDGE 2 Tx slots	25.91	26.03	25.68	27.50	19.91	20.03	19.68	21.50
EDGE 3 Tx slots	25.61	25.74	25.38	27.00	21.35	21.48	21.12	22.74
EDGE 4 Tx slots	25.34	25.47	25.31	27.00	22.34	22.47	22.31	24.00

【GSM850_Ant 8_DSI 0】

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GPRS 1 Tx slot	32.47	31.98	32.29	33.50	23.47	22.98	23.29	24.50
GPRS 2 Tx slots	32.10	31.53	32.03	33.50	26.10	25.53	26.03	27.50
GPRS 3 Tx slots	31.74	31.17	31.70	32.50	27.48	26.91	27.44	28.24
GPRS 4 Tx slots	30.86	30.92	30.88	32.50	27.86	27.92	27.88	29.50
EDGE 1 Tx slot	26.10	26.24	25.96	27.50	17.10	17.24	16.96	18.50
EDGE 2 Tx slots	25.91	26.03	25.68	27.50	19.91	20.03	19.68	21.50
EDGE 3 Tx slots	25.61	25.74	25.38	27.00	21.35	21.48	21.12	22.74
EDGE 4 Tx slots	25.34	25.47	25.31	27.00	22.34	22.47	22.31	24.00

【GSM850_Ant 8_DSI 7】

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GPRS 1 Tx slot	27.00	27.08	27.03	28.40	18.00	18.08	18.03	19.40
GPRS 2 Tx slots	23.95	23.96	23.91	25.30	17.95	17.96	17.91	19.30
GPRS 3 Tx slots	21.71	21.78	21.65	23.20	17.45	17.52	17.39	18.94
GPRS 4 Tx slots	21.11	21.13	21.05	22.50	18.11	18.13	18.05	19.50
EDGE 1 Tx slot	21.06	21.26	21.00	22.60	12.06	12.26	12.00	13.60
EDGE 2 Tx slots	20.95	21.02	20.72	22.40	14.95	15.02	14.72	16.40
EDGE 3 Tx slots	20.66	20.70	20.38	22.10	16.40	16.44	16.12	17.84
EDGE 4 Tx slots	20.39	20.46	20.28	21.80	17.39	17.46	17.28	18.80

【GSM1900_Ant 1_Full Power】

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GPRS 1 Tx slot	28.57	28.50	28.95	29.00	19.57	19.50	19.95	20.00
GPRS 2 Tx slots	28.26	27.97	28.48	28.50	22.26	21.97	22.48	22.50
GPRS 3 Tx slots	27.73	27.63	27.61	28.00	23.47	23.37	23.35	23.74
GPRS 4 Tx slots	27.41	27.53	27.48	28.00	24.41	24.53	24.48	25.00
EDGE 1 Tx slot	24.60	24.37	24.50	25.00	15.60	15.37	15.50	16.00
EDGE 2 Tx slots	23.84	24.26	24.47	24.50	17.84	18.26	18.47	18.50
EDGE 3 Tx slots	23.72	24.11	24.34	24.50	19.46	19.85	20.08	20.24
EDGE 4 Tx slots	23.56	23.95	24.14	24.50	20.56	20.95	21.14	21.50

【GSM1900_Ant 1_DSI 0】

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GPRS 1 Tx slot	28.57	28.50	28.95	29.00	19.57	19.50	19.95	20.00
GPRS 2 Tx slots	28.26	27.97	28.48	28.50	22.26	21.97	22.48	22.50
GPRS 3 Tx slots	27.73	27.63	27.61	28.00	23.47	23.37	23.35	23.74
GPRS 4 Tx slots	27.41	27.53	27.48	28.00	24.41	24.53	24.48	25.00
EDGE 1 Tx slot	24.60	24.37	24.50	25.00	15.60	15.37	15.50	16.00
EDGE 2 Tx slots	23.84	24.26	24.47	24.50	17.84	18.26	18.47	18.50
EDGE 3 Tx slots	23.72	24.11	24.34	24.50	19.46	19.85	20.08	20.24
EDGE 4 Tx slots	23.56	23.95	24.14	24.50	20.56	20.95	21.14	21.50

【GSM1900_Ant 1_DSI 7】

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GPRS 1 Tx slot	23.06	23.12	23.03	24.60	14.06	14.12	14.03	15.60
GPRS 2 Tx slots	20.01	20.06	20.03	21.60	14.01	14.06	14.03	15.60
GPRS 3 Tx slots	18.51	18.55	18.45	20.10	14.25	14.29	14.19	15.84
GPRS 4 Tx slots	17.25	17.37	17.31	18.90	14.25	14.37	14.31	15.90
EDGE 1 Tx slot	17.66	17.38	18.12	18.90	8.66	8.38	9.12	9.90
EDGE 2 Tx slots	16.86	17.33	17.62	18.80	10.86	11.33	11.62	12.80
EDGE 3 Tx slots	17.23	17.20	17.42	18.80	12.97	12.94	13.16	14.54
EDGE 4 Tx slots	16.71	16.95	17.24	18.50	13.71	13.95	14.24	15.50

<WCDMA Conducted Power>

【WCDMA II_Ant 1_Full Power】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	RMC 12.2Kbps	24.11	24.14	24.09	25.00
3GPP Rel 6	HSDPA Subtest-1	23.11	23.19	23.06	24.00
3GPP Rel 6	HSDPA Subtest-2	23.06	23.20	23.13	24.00
3GPP Rel 6	HSDPA Subtest-3	22.65	22.63	22.57	23.50
3GPP Rel 6	HSDPA Subtest-4	22.60	22.70	22.64	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.06	23.16	23.15	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.12	23.11	23.09	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.63	22.59	22.61	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.56	22.69	22.66	23.50
3GPP Rel 6	HSUPA Subtest-1	23.11	23.18	23.16	24.00
3GPP Rel 6	HSUPA Subtest-2	21.09	21.10	21.15	22.00
3GPP Rel 6	HSUPA Subtest-3	22.12	22.15	22.10	23.00
3GPP Rel 6	HSUPA Subtest-4	21.09	21.16	21.04	22.00
3GPP Rel 6	HSUPA Subtest-5	23.07	23.10	23.04	24.00

【WCDMA II_Ant 1_DSI 0】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	RMC 12.2Kbps	24.11	24.14	24.09	25.00
3GPP Rel 6	HSDPA Subtest-1	23.11	23.19	23.06	24.00
3GPP Rel 6	HSDPA Subtest-2	23.06	23.20	23.13	24.00
3GPP Rel 6	HSDPA Subtest-3	22.65	22.63	22.57	23.50
3GPP Rel 6	HSDPA Subtest-4	22.60	22.70	22.64	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.06	23.16	23.15	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.12	23.11	23.09	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.63	22.59	22.61	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.56	22.69	22.66	23.50
3GPP Rel 6	HSUPA Subtest-1	23.11	23.18	23.16	24.00
3GPP Rel 6	HSUPA Subtest-2	21.09	21.10	21.15	22.00
3GPP Rel 6	HSUPA Subtest-3	22.12	22.15	22.10	23.00
3GPP Rel 6	HSUPA Subtest-4	21.09	21.16	21.04	22.00
3GPP Rel 6	HSUPA Subtest-5	23.07	23.10	23.04	24.00

【WCDMA II_Ant 1_DSI 7】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	RMC 12.2Kbps	18.64	18.68	18.61	19.40
3GPP Rel 6	HSDPA Subtest-1	17.66	17.74	17.55	18.40
3GPP Rel 6	HSDPA Subtest-2	17.56	17.74	17.63	18.40
3GPP Rel 6	HSDPA Subtest-3	17.21	17.16	17.08	17.90
3GPP Rel 6	HSDPA Subtest-4	17.13	17.19	17.14	17.90
3GPP Rel 8	DC-HSDPA Subtest-1	17.54	17.64	17.68	18.40
3GPP Rel 8	DC-HSDPA Subtest-2	17.58	17.65	17.60	18.40
3GPP Rel 8	DC-HSDPA Subtest-3	17.15	17.05	17.16	17.90
3GPP Rel 8	DC-HSDPA Subtest-4	17.11	17.22	17.18	17.90
3GPP Rel 6	HSUPA Subtest-1	17.58	17.64	17.73	18.40
3GPP Rel 6	HSUPA Subtest-2	15.57	15.55	15.63	16.40
3GPP Rel 6	HSUPA Subtest-3	16.58	16.61	16.62	17.40
3GPP Rel 6	HSUPA Subtest-4	15.55	15.64	15.60	16.40
3GPP Rel 6	HSUPA Subtest-5	17.55	17.66	17.50	18.40

【WCDMA IV_Ant 1_Full Power】

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	RMC 12.2Kbps	24.08	24.11	24.06	25.00
3GPP Rel 6	HSDPA Subtest-1	23.01	23.14	22.99	24.00
3GPP Rel 6	HSDPA Subtest-2	23.02	23.09	23.09	24.00
3GPP Rel 6	HSDPA Subtest-3	22.61	22.58	22.45	23.50
3GPP Rel 6	HSDPA Subtest-4	22.46	22.56	22.57	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.02	23.04	23.07	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.04	23.04	23.05	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.56	22.47	22.49	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.53	22.61	22.61	23.50
3GPP Rel 6	HSUPA Subtest-1	23.05	23.07	23.05	24.00
3GPP Rel 6	HSUPA Subtest-2	20.97	21.05	21.07	22.00
3GPP Rel 6	HSUPA Subtest-3	22.06	22.02	22.00	23.00
3GPP Rel 6	HSUPA Subtest-4	21.04	21.05	20.98	22.00
3GPP Rel 6	HSUPA Subtest-5	22.94	22.99	22.93	24.00

【WCDMA IV_Ant 1_DSI 0】

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	RMC 12.2Kbps	24.08	24.11	24.06	25.00
3GPP Rel 6	HSDPA Subtest-1	23.01	23.14	22.99	24.00
3GPP Rel 6	HSDPA Subtest-2	23.02	23.09	23.09	24.00
3GPP Rel 6	HSDPA Subtest-3	22.61	22.58	22.45	23.50
3GPP Rel 6	HSDPA Subtest-4	22.46	22.56	22.57	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.02	23.04	23.07	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.04	23.04	23.05	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.56	22.47	22.49	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.53	22.61	22.61	23.50
3GPP Rel 6	HSUPA Subtest-1	23.05	23.07	23.05	24.00
3GPP Rel 6	HSUPA Subtest-2	20.97	21.05	21.07	22.00
3GPP Rel 6	HSUPA Subtest-3	22.06	22.02	22.00	23.00
3GPP Rel 6	HSUPA Subtest-4	21.04	21.05	20.98	22.00
3GPP Rel 6	HSUPA Subtest-5	22.94	22.99	22.93	24.00

【WCDMA IV_Ant 1_DSI 7】

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	RMC 12.2Kbps	15.14	15.23	15.18	16.60
3GPP Rel 6	HSDPA Subtest-1	14.08	14.28	14.06	15.60
3GPP Rel 6	HSDPA Subtest-2	14.12	14.23	14.23	15.60
3GPP Rel 6	HSDPA Subtest-3	13.71	13.72	13.59	15.10
3GPP Rel 6	HSDPA Subtest-4	13.61	13.69	13.68	15.10
3GPP Rel 8	DC-HSDPA Subtest-1	14.13	14.18	14.18	15.60
3GPP Rel 8	DC-HSDPA Subtest-2	14.14	14.11	14.14	15.60
3GPP Rel 8	DC-HSDPA Subtest-3	13.70	13.60	13.65	15.10
3GPP Rel 8	DC-HSDPA Subtest-4	13.60	13.67	13.68	15.10
3GPP Rel 6	HSUPA Subtest-1	14.11	14.13	14.13	15.60
3GPP Rel 6	HSUPA Subtest-2	12.11	12.18	12.19	13.60
3GPP Rel 6	HSUPA Subtest-3	13.22	13.13	13.15	14.60
3GPP Rel 6	HSUPA Subtest-4	12.20	12.18	12.04	13.60
3GPP Rel 6	HSUPA Subtest-5	14.01	14.09	14.09	15.60

【WCDMA V_Ant 8_Full Power】

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	RMC 12.2Kbps	24.33	24.45	24.35	25.00
3GPP Rel 6	HSDPA Subtest-1	23.36	23.38	23.31	24.00
3GPP Rel 6	HSDPA Subtest-2	23.25	23.47	23.29	24.00
3GPP Rel 6	HSDPA Subtest-3	22.88	22.79	22.83	23.50
3GPP Rel 6	HSDPA Subtest-4	22.78	22.91	22.88	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.23	23.34	23.30	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.34	23.36	23.28	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.78	22.78	22.84	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.78	22.88	22.90	23.50
3GPP Rel 6	HSUPA Subtest-1	23.29	23.42	23.34	24.00
3GPP Rel 6	HSUPA Subtest-2	21.34	21.29	21.38	22.00
3GPP Rel 6	HSUPA Subtest-3	22.34	22.34	22.35	23.00
3GPP Rel 6	HSUPA Subtest-4	21.27	21.35	21.30	22.00
3GPP Rel 6	HSUPA Subtest-5	23.30	23.28	23.30	24.00

【WCDMA V_Ant 8_DSI 0】

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	RMC 12.2Kbps	24.33	24.45	24.35	25.00
3GPP Rel 6	HSDPA Subtest-1	23.36	23.38	23.31	24.00
3GPP Rel 6	HSDPA Subtest-2	23.25	23.47	23.29	24.00
3GPP Rel 6	HSDPA Subtest-3	22.88	22.79	22.83	23.50
3GPP Rel 6	HSDPA Subtest-4	22.78	22.91	22.88	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.23	23.34	23.30	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.34	23.36	23.28	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.78	22.78	22.84	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.78	22.88	22.90	23.50
3GPP Rel 6	HSUPA Subtest-1	23.29	23.42	23.34	24.00
3GPP Rel 6	HSUPA Subtest-2	21.34	21.29	21.38	22.00
3GPP Rel 6	HSUPA Subtest-3	22.34	22.34	22.35	23.00
3GPP Rel 6	HSUPA Subtest-4	21.27	21.35	21.30	22.00
3GPP Rel 6	HSUPA Subtest-5	23.30	23.28	23.30	24.00

【WCDMA V_Ant 8_DSI 7】

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	RMC 12.2Kbps	20.41	20.57	20.41	21.50
3GPP Rel 6	HSDPA Subtest-1	19.39	19.41	19.35	20.50
3GPP Rel 6	HSDPA Subtest-2	19.34	19.49	19.37	20.50
3GPP Rel 6	HSDPA Subtest-3	18.90	18.88	18.94	20.00
3GPP Rel 6	HSDPA Subtest-4	18.89	19.00	18.94	20.00
3GPP Rel 8	DC-HSDPA Subtest-1	19.30	19.44	19.43	20.50
3GPP Rel 8	DC-HSDPA Subtest-2	19.41	19.47	19.38	20.50
3GPP Rel 8	DC-HSDPA Subtest-3	18.85	18.81	18.85	20.00
3GPP Rel 8	DC-HSDPA Subtest-4	18.83	18.96	18.98	20.00
3GPP Rel 6	HSUPA Subtest-1	19.31	19.50	19.43	20.50
3GPP Rel 6	HSUPA Subtest-2	17.44	17.37	17.44	18.50
3GPP Rel 6	HSUPA Subtest-3	18.43	18.36	18.40	19.50
3GPP Rel 6	HSUPA Subtest-4	17.35	17.46	17.33	18.50
3GPP Rel 6	HSUPA Subtest-5	19.38	19.30	19.39	20.50

<LTE Conducted Power>

【LTE Band 2_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				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	23.17	23.41	23.28	25.10
20	QPSK	1	49	23.24	23.29	23.30	25.10
20	QPSK	1	99	23.14	23.22	23.14	25.10
20	QPSK	50	0	22.16	22.50	22.27	24.10
20	QPSK	50	24	22.17	22.29	22.28	24.10
20	QPSK	50	50	22.18	22.45	22.35	24.10
20	QPSK	100	0	22.21	22.43	22.38	24.10
20	16QAM	1	0	22.22	22.46	22.27	24.10
20	16QAM	1	49	22.16	22.39	22.25	24.10
20	16QAM	1	99	22.21	22.42	22.28	24.10
20	16QAM	50	0	21.18	21.46	21.32	23.10
20	16QAM	50	24	21.26	21.41	21.30	23.10
20	16QAM	50	50	21.19	21.37	21.34	23.10
20	16QAM	100	0	21.13	21.40	21.27	23.10
20	64QAM	1	0	21.19	21.36	21.37	23.10
20	64QAM	1	49	21.21	21.47	21.23	23.10
20	64QAM	1	99	21.26	21.35	21.27	23.10
20	64QAM	50	0	20.18	20.42	20.36	22.10
20	64QAM	50	24	20.20	20.39	20.36	22.10
20	64QAM	50	50	20.18	20.45	20.42	22.10
20	64QAM	100	0	20.26	20.37	20.32	22.10
20	256QAM	1	0	18.21	18.40	18.32	20.10
20	256QAM	1	49	18.25	18.40	18.36	20.10
20	256QAM	1	99	18.17	18.36	18.35	20.10
20	256QAM	50	0	18.20	18.40	18.30	20.10
20	256QAM	50	24	18.25	18.29	18.32	20.10
20	256QAM	50	50	18.15	18.40	18.31	20.10
20	256QAM	100	0	18.12	18.39	18.35	20.10
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	23.11	23.35	23.24	25.10
15	QPSK	1	37	23.23	23.14	23.21	25.10
15	QPSK	1	74	23.11	23.19	23.13	25.10
15	QPSK	36	0	22.11	22.42	22.20	24.10
15	QPSK	36	20	22.12	22.19	22.23	24.10
15	QPSK	36	39	22.12	22.35	22.29	24.10
15	QPSK	75	0	22.20	22.29	22.28	24.10
15	16QAM	1	0	22.12	22.33	22.13	24.10
15	16QAM	1	37	22.11	22.38	22.19	24.10
15	16QAM	1	74	22.10	22.29	22.19	24.10
15	16QAM	36	0	21.11	21.37	21.25	23.10
15	16QAM	36	20	21.19	21.35	21.21	23.10
15	16QAM	36	39	21.10	21.34	21.27	23.10
15	16QAM	75	0	21.10	21.29	21.25	23.10
15	64QAM	1	0	21.11	21.32	21.32	23.10
15	64QAM	1	37	21.19	21.41	21.18	23.10
15	64QAM	1	74	21.19	21.29	21.15	23.10
15	64QAM	36	0	20.11	20.41	20.31	22.10
15	64QAM	36	20	20.11	20.32	20.28	22.10
15	64QAM	36	39	20.11	20.40	20.39	22.10
15	64QAM	75	0	20.15	20.34	20.23	22.10
15	256QAM	1	0	18.17	18.33	18.23	20.10
15	256QAM	1	37	18.19	18.35	18.32	20.10
15	256QAM	1	74	18.10	18.26	18.33	20.10
15	256QAM	36	0	18.18	18.30	18.16	20.10
15	256QAM	36	20	18.12	18.15	18.18	20.10
15	256QAM	36	39	18.10	18.37	18.29	20.10
15	256QAM	75	0	18.10	18.32	18.25	20.10
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	23.13	23.30	23.15	25.10
10	QPSK	1	25	23.10	23.23	23.24	25.10
10	QPSK	1	49	23.10	23.11	23.11	25.10
10	QPSK	25	0	22.11	22.39	22.24	24.10
10	QPSK	25	12	22.12	22.23	22.19	24.10
10	QPSK	25	25	22.13	22.44	22.29	24.10
10	QPSK	50	0	22.19	22.42	22.32	24.10

10	16QAM	1	0	22.11	22.43	22.20	24.10
10	16QAM	1	25	22.14	22.32	22.14	24.10
10	16QAM	1	49	22.18	22.29	22.19	24.10
10	16QAM	25	0	21.14	21.38	21.20	23.10
10	16QAM	25	12	21.20	21.30	21.23	23.10
10	16QAM	25	25	21.18	21.25	21.24	23.10
10	16QAM	50	0	21.10	21.34	21.24	23.10
10	64QAM	1	0	21.15	21.21	21.24	23.10
10	64QAM	1	25	21.15	21.33	21.14	23.10
10	64QAM	1	49	21.22	21.26	21.23	23.10
10	64QAM	25	0	20.14	20.36	20.22	22.10
10	64QAM	25	12	20.11	20.30	20.33	22.10
10	64QAM	25	25	20.10	20.37	20.32	22.10
10	64QAM	50	0	20.22	20.29	20.30	22.10
10	256QAM	1	0	18.12	18.36	18.17	20.10
10	256QAM	1	25	18.16	18.29	18.28	20.10
10	256QAM	1	49	18.14	18.25	18.33	20.10
10	256QAM	25	0	18.13	18.35	18.21	20.10
10	256QAM	25	12	18.17	18.27	18.22	20.10
10	256QAM	25	25	18.11	18.26	18.24	20.10
10	256QAM	50	0	18.10	18.29	18.20	20.10
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	23.10	23.30	23.19	25.10
5	QPSK	1	12	23.10	23.21	23.16	25.10
5	QPSK	1	24	23.11	23.18	23.12	25.10
5	QPSK	12	0	22.11	22.42	22.24	24.10
5	QPSK	12	7	22.10	22.25	22.14	24.10
5	QPSK	12	13	22.11	22.43	22.34	24.10
5	QPSK	25	0	22.12	22.41	22.36	24.10
5	16QAM	1	0	22.15	22.32	22.26	24.10
5	16QAM	1	12	22.10	22.25	22.23	24.10
5	16QAM	1	24	22.10	22.30	22.24	24.10
5	16QAM	12	0	21.14	21.44	21.20	23.10
5	16QAM	12	7	21.13	21.39	21.18	23.10
5	16QAM	12	13	21.10	21.27	21.23	23.10
5	16QAM	25	0	21.10	21.35	21.15	23.10
5	64QAM	1	0	21.10	21.27	21.26	23.10
5	64QAM	1	12	21.10	21.45	21.11	23.10
5	64QAM	1	24	21.24	21.31	21.24	23.10
5	64QAM	12	0	20.11	20.29	20.21	22.10
5	64QAM	12	7	20.16	20.27	20.23	22.10
5	64QAM	12	13	20.10	20.30	20.39	22.10
5	64QAM	25	0	20.24	20.35	20.28	22.10
5	256QAM	1	0	18.14	18.37	18.21	20.10
5	256QAM	1	12	18.16	18.38	18.34	20.10
5	256QAM	1	24	18.15	18.29	18.27	20.10
5	256QAM	12	0	18.14	18.38	18.16	20.10
5	256QAM	12	7	18.18	18.26	18.28	20.10
5	256QAM	12	13	18.12	18.27	18.17	20.10
5	256QAM	25	0	18.11	18.32	18.27	20.10
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	23.10	23.35	23.16	25.10
3	QPSK	1	8	23.19	23.18	23.27	25.10
3	QPSK	1	14	23.10	23.14	23.10	25.10
3	QPSK	8	0	22.11	22.37	22.23	24.10
3	QPSK	8	4	22.12	22.19	22.22	24.10
3	QPSK	8	7	22.15	22.38	22.33	24.10
3	QPSK	15	0	22.14	22.30	22.25	24.10
3	16QAM	1	0	22.14	22.41	22.15	24.10
3	16QAM	1	8	22.10	22.35	22.13	24.10
3	16QAM	1	14	22.18	22.34	22.25	24.10
3	16QAM	8	0	21.11	21.41	21.17	23.10
3	16QAM	8	4	21.17	21.29	21.16	23.10
3	16QAM	8	7	21.12	21.25	21.32	23.10
3	16QAM	15	0	21.11	21.33	21.19	23.10
3	64QAM	1	0	21.14	21.22	21.25	23.10
3	64QAM	1	8	21.18	21.41	21.11	23.10
3	64QAM	1	14	21.24	21.27	21.21	23.10
3	64QAM	8	0	20.15	20.30	20.24	22.10
3	64QAM	8	4	20.17	20.24	20.22	22.10
3	64QAM	8	7	20.11	20.30	20.33	22.10
3	64QAM	15	0	20.12	20.29	20.22	22.10
3	256QAM	1	0	18.11	18.35	18.18	20.10
3	256QAM	1	8	18.21	18.33	18.34	20.10
3	256QAM	1	14	18.11	18.27	18.29	20.10
3	256QAM	8	0	18.18	18.36	18.28	20.10

3	256QAM	8	4	18.10	18.22	18.23	20.10
3	256QAM	8	7	18.10	18.36	18.17	20.10
3	256QAM	15	0	18.10	18.24	18.22	20.10
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	23.14	23.39	23.21	25.10
1.4	QPSK	1	3	23.18	23.22	23.20	25.10
1.4	QPSK	1	5	23.10	23.18	23.11	25.10
1.4	QPSK	3	0	23.11	23.39	23.17	25.10
1.4	QPSK	3	1	23.12	23.14	23.14	25.10
1.4	QPSK	3	3	23.10	23.33	23.26	25.10
1.4	QPSK	6	0	22.13	22.40	22.26	24.10
1.4	16QAM	1	0	22.16	22.34	22.22	24.10
1.4	16QAM	1	3	22.12	22.28	22.12	24.10
1.4	16QAM	1	5	22.13	22.36	22.15	24.10
1.4	16QAM	3	0	22.12	22.43	22.25	24.10
1.4	16QAM	3	1	22.23	22.35	22.29	24.10
1.4	16QAM	3	3	22.11	22.32	22.30	24.10
1.4	16QAM	6	0	21.11	21.37	21.22	23.10
1.4	64QAM	1	0	21.12	21.26	21.22	23.10
1.4	64QAM	1	3	21.14	21.44	21.13	23.10
1.4	64QAM	1	5	21.12	21.32	21.17	23.10
1.4	64QAM	3	0	21.10	21.35	21.23	23.10
1.4	64QAM	3	1	21.14	21.27	21.22	23.10
1.4	64QAM	3	3	21.11	21.42	21.37	23.10
1.4	64QAM	6	0	20.15	20.32	20.19	22.10
1.4	256QAM	1	0	18.11	18.35	18.18	20.10
1.4	256QAM	1	3	18.19	18.32	18.31	20.10
1.4	256QAM	1	5	18.11	18.23	18.29	20.10
1.4	256QAM	3	0	18.18	18.26	18.20	20.10
1.4	256QAM	3	1	18.15	18.19	18.27	20.10
1.4	256QAM	3	3	18.10	18.34	18.29	20.10
1.4	256QAM	6	0	18.11	18.33	18.25	20.10

【LTE Band 2_Ant 1_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	23.17	23.41	23.28	25.10
20	QPSK	1	49	23.24	23.29	23.30	25.10
20	QPSK	1	99	23.14	23.22	23.14	25.10
20	QPSK	50	0	22.16	22.50	22.27	24.10
20	QPSK	50	24	22.17	22.29	22.28	24.10
20	QPSK	50	50	22.18	22.45	22.35	24.10
20	QPSK	100	0	22.21	22.43	22.38	24.10
20	16QAM	1	0	22.22	22.46	22.27	24.10
20	16QAM	1	49	22.16	22.39	22.25	24.10
20	16QAM	1	99	22.21	22.42	22.28	24.10
20	16QAM	50	0	21.18	21.46	21.32	23.10
20	16QAM	50	24	21.26	21.41	21.30	23.10
20	16QAM	50	50	21.19	21.37	21.34	23.10
20	16QAM	100	0	21.13	21.40	21.27	23.10
20	64QAM	1	0	21.19	21.36	21.37	23.10
20	64QAM	1	49	21.21	21.47	21.23	23.10
20	64QAM	1	99	21.26	21.35	21.27	23.10
20	64QAM	50	0	20.18	20.42	20.36	22.10
20	64QAM	50	24	20.20	20.39	20.36	22.10
20	64QAM	50	50	20.18	20.45	20.42	22.10
20	64QAM	100	0	20.26	20.37	20.32	22.10
20	256QAM	1	0	18.21	18.40	18.32	20.10
20	256QAM	1	49	18.25	18.40	18.36	20.10
20	256QAM	1	99	18.17	18.36	18.35	20.10
20	256QAM	50	0	18.20	18.40	18.30	20.10
20	256QAM	50	24	18.25	18.29	18.32	20.10
20	256QAM	50	50	18.15	18.40	18.31	20.10
20	256QAM	100	0	18.12	18.39	18.35	20.10
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	23.11	23.35	23.24	25.10
15	QPSK	1	37	23.23	23.14	23.21	25.10
15	QPSK	1	74	23.11	23.19	23.13	25.10

15	QPSK	36	0	22.11	22.42	22.20	24.10
15	QPSK	36	20	22.12	22.19	22.23	24.10
15	QPSK	36	39	22.12	22.35	22.29	24.10
15	QPSK	75	0	22.20	22.29	22.28	24.10
15	16QAM	1	0	22.12	22.33	22.13	24.10
15	16QAM	1	37	22.11	22.38	22.19	24.10
15	16QAM	1	74	22.10	22.29	22.19	24.10
15	16QAM	36	0	21.11	21.37	21.25	23.10
15	16QAM	36	20	21.19	21.35	21.21	23.10
15	16QAM	36	39	21.10	21.34	21.27	23.10
15	16QAM	75	0	21.10	21.29	21.25	23.10
15	64QAM	1	0	21.11	21.32	21.32	23.10
15	64QAM	1	37	21.19	21.41	21.18	23.10
15	64QAM	1	74	21.19	21.29	21.15	23.10
15	64QAM	36	0	20.11	20.41	20.31	22.10
15	64QAM	36	20	20.11	20.32	20.28	22.10
15	64QAM	36	39	20.11	20.40	20.39	22.10
15	64QAM	75	0	20.15	20.34	20.23	22.10
15	256QAM	1	0	18.17	18.33	18.23	20.10
15	256QAM	1	37	18.19	18.35	18.32	20.10
15	256QAM	1	74	18.10	18.26	18.33	20.10
15	256QAM	36	0	18.18	18.30	18.16	20.10
15	256QAM	36	20	18.12	18.15	18.18	20.10
15	256QAM	36	39	18.10	18.37	18.29	20.10
15	256QAM	75	0	18.10	18.32	18.25	20.10
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	23.13	23.30	23.15	25.10
10	QPSK	1	25	23.10	23.23	23.24	25.10
10	QPSK	1	49	23.10	23.11	23.11	25.10
10	QPSK	25	0	22.11	22.39	22.24	24.10
10	QPSK	25	12	22.12	22.23	22.19	24.10
10	QPSK	25	25	22.13	22.44	22.29	24.10
10	QPSK	50	0	22.19	22.42	22.32	24.10
10	16QAM	1	0	22.11	22.43	22.20	24.10
10	16QAM	1	25	22.14	22.32	22.14	24.10
10	16QAM	1	49	22.18	22.29	22.19	24.10
10	16QAM	25	0	21.14	21.38	21.20	23.10
10	16QAM	25	12	21.20	21.30	21.23	23.10
10	16QAM	25	25	21.18	21.25	21.24	23.10
10	16QAM	50	0	21.10	21.34	21.24	23.10
10	64QAM	1	0	21.15	21.21	21.24	23.10
10	64QAM	1	25	21.15	21.33	21.14	23.10
10	64QAM	1	49	21.22	21.26	21.23	23.10
10	64QAM	25	0	20.14	20.36	20.22	22.10
10	64QAM	25	12	20.11	20.30	20.33	22.10
10	64QAM	25	25	20.10	20.37	20.32	22.10
10	64QAM	50	0	20.22	20.29	20.30	22.10
10	256QAM	1	0	18.12	18.36	18.17	20.10
10	256QAM	1	25	18.16	18.29	18.28	20.10
10	256QAM	1	49	18.14	18.25	18.33	20.10
10	256QAM	25	0	18.13	18.35	18.21	20.10
10	256QAM	25	12	18.17	18.27	18.22	20.10
10	256QAM	25	25	18.11	18.26	18.24	20.10
10	256QAM	50	0	18.10	18.29	18.20	20.10
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	23.10	23.30	23.19	25.10
5	QPSK	1	12	23.10	23.21	23.16	25.10
5	QPSK	1	24	23.11	23.18	23.12	25.10
5	QPSK	12	0	22.11	22.42	22.24	24.10
5	QPSK	12	7	22.10	22.25	22.14	24.10
5	QPSK	12	13	22.11	22.43	22.34	24.10
5	QPSK	25	0	22.12	22.41	22.36	24.10
5	16QAM	1	0	22.15	22.32	22.26	24.10
5	16QAM	1	12	22.10	22.25	22.23	24.10
5	16QAM	1	24	22.10	22.30	22.24	24.10
5	16QAM	12	0	21.14	21.44	21.20	23.10
5	16QAM	12	7	21.13	21.39	21.18	23.10
5	16QAM	12	13	21.10	21.27	21.23	23.10
5	16QAM	25	0	21.10	21.35	21.15	23.10
5	64QAM	1	0	21.10	21.27	21.26	23.10
5	64QAM	1	12	21.10	21.45	21.11	23.10
5	64QAM	1	24	21.24	21.31	21.24	23.10
5	64QAM	12	0	20.11	20.29	20.21	22.10
5	64QAM	12	7	20.16	20.27	20.23	22.10
5	64QAM	12	13	20.10	20.30	20.39	22.10
5	64QAM	25	0	20.24	20.35	20.28	22.10

5	256QAM	1	0	18.14	18.37	18.21	20.10
5	256QAM	1	12	18.16	18.38	18.34	20.10
5	256QAM	1	24	18.15	18.29	18.27	20.10
5	256QAM	12	0	18.14	18.38	18.16	20.10
5	256QAM	12	7	18.18	18.26	18.28	20.10
5	256QAM	12	13	18.12	18.27	18.17	20.10
5	256QAM	25	0	18.11	18.32	18.27	20.10
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	23.10	23.35	23.16	25.10
3	QPSK	1	8	23.19	23.18	23.27	25.10
3	QPSK	1	14	23.10	23.14	23.10	25.10
3	QPSK	8	0	22.11	22.37	22.23	24.10
3	QPSK	8	4	22.12	22.19	22.22	24.10
3	QPSK	8	7	22.15	22.38	22.33	24.10
3	QPSK	15	0	22.14	22.30	22.25	24.10
3	16QAM	1	0	22.14	22.41	22.15	24.10
3	16QAM	1	8	22.10	22.35	22.13	24.10
3	16QAM	1	14	22.18	22.34	22.25	24.10
3	16QAM	8	0	21.11	21.41	21.17	23.10
3	16QAM	8	4	21.17	21.29	21.16	23.10
3	16QAM	8	7	21.12	21.25	21.32	23.10
3	16QAM	15	0	21.11	21.33	21.19	23.10
3	64QAM	1	0	21.14	21.22	21.25	23.10
3	64QAM	1	8	21.18	21.41	21.11	23.10
3	64QAM	1	14	21.24	21.27	21.21	23.10
3	64QAM	8	0	20.15	20.30	20.24	22.10
3	64QAM	8	4	20.17	20.24	20.22	22.10
3	64QAM	8	7	20.11	20.30	20.33	22.10
3	64QAM	15	0	20.12	20.29	20.22	22.10
3	256QAM	1	0	18.11	18.35	18.18	20.10
3	256QAM	1	8	18.21	18.33	18.34	20.10
3	256QAM	1	14	18.11	18.27	18.29	20.10
3	256QAM	8	0	18.18	18.36	18.28	20.10
3	256QAM	8	4	18.10	18.22	18.23	20.10
3	256QAM	8	7	18.10	18.36	18.17	20.10
3	256QAM	15	0	18.10	18.24	18.22	20.10
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	23.14	23.39	23.21	25.10
1.4	QPSK	1	3	23.18	23.22	23.20	25.10
1.4	QPSK	1	5	23.10	23.18	23.11	25.10
1.4	QPSK	3	0	23.11	23.39	23.17	25.10
1.4	QPSK	3	1	23.12	23.14	23.14	25.10
1.4	QPSK	3	3	23.10	23.33	23.26	25.10
1.4	QPSK	6	0	22.13	22.40	22.26	24.10
1.4	16QAM	1	0	22.16	22.34	22.22	24.10
1.4	16QAM	1	3	22.12	22.28	22.12	24.10
1.4	16QAM	1	5	22.13	22.36	22.15	24.10
1.4	16QAM	3	0	22.12	22.43	22.25	24.10
1.4	16QAM	3	1	22.23	22.35	22.29	24.10
1.4	16QAM	3	3	22.11	22.32	22.30	24.10
1.4	16QAM	6	0	21.11	21.37	21.22	23.10
1.4	64QAM	1	0	21.12	21.26	21.22	23.10
1.4	64QAM	1	3	21.14	21.44	21.13	23.10
1.4	64QAM	1	5	21.12	21.32	21.17	23.10
1.4	64QAM	3	0	21.10	21.35	21.23	23.10
1.4	64QAM	3	1	21.14	21.27	21.22	23.10
1.4	64QAM	3	3	21.11	21.42	21.37	23.10
1.4	64QAM	6	0	20.15	20.32	20.19	22.10
1.4	256QAM	1	0	18.11	18.35	18.18	20.10
1.4	256QAM	1	3	18.19	18.32	18.31	20.10
1.4	256QAM	1	5	18.11	18.23	18.29	20.10
1.4	256QAM	3	0	18.18	18.26	18.20	20.10
1.4	256QAM	3	1	18.15	18.19	18.27	20.10
1.4	256QAM	3	3	18.10	18.34	18.29	20.10
1.4	256QAM	6	0	18.11	18.33	18.25	20.10

【LTE Band 2_Ant 1_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	14.59	14.76	14.65	15.90
20	QPSK	1	49	14.59	14.61	14.70	15.90
20	QPSK	1	99	14.62	14.68	14.70	15.90
20	QPSK	50	0	14.54	14.74	14.68	15.90
20	QPSK	50	24	14.67	14.63	14.60	15.90
20	QPSK	50	50	14.58	14.69	14.60	15.90
20	QPSK	100	0	14.60	14.72	14.70	15.90
20	16QAM	1	0	14.65	14.62	14.65	15.90
20	16QAM	1	49	14.55	14.65	14.71	15.90
20	16QAM	1	99	14.55	14.61	14.68	15.90
20	16QAM	50	0	14.56	14.63	14.64	15.90
20	16QAM	50	24	14.59	14.62	14.63	15.90
20	16QAM	50	50	14.55	14.60	14.66	15.90
20	16QAM	100	0	14.67	14.62	14.70	15.90
20	64QAM	1	0	14.49	14.59	14.60	15.90
20	64QAM	1	49	14.62	14.66	14.57	15.90
20	64QAM	1	99	14.50	14.59	14.56	15.90
20	64QAM	50	0	14.54	14.63	14.64	15.90
20	64QAM	50	24	14.62	14.69	14.62	15.90
20	64QAM	50	50	14.59	14.64	14.69	15.90
20	64QAM	100	0	14.60	14.58	14.64	15.90
20	256QAM	1	0	14.57	14.63	14.58	15.90
20	256QAM	1	49	14.55	14.68	14.57	15.90
20	256QAM	1	99	14.60	14.59	14.53	15.90
20	256QAM	50	0	14.60	14.63	14.67	15.90
20	256QAM	50	24	14.56	14.55	14.61	15.90
20	256QAM	50	50	14.58	14.60	14.57	15.90
20	256QAM	100	0	14.58	14.59	14.62	15.90
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	14.45	14.75	14.56	15.90
15	QPSK	1	37	14.55	14.56	14.60	15.90
15	QPSK	1	74	14.59	14.54	14.59	15.90
15	QPSK	36	0	14.47	14.72	14.58	15.90
15	QPSK	36	20	14.57	14.54	14.58	15.90
15	QPSK	36	39	14.48	14.61	14.53	15.90
15	QPSK	75	0	14.49	14.59	14.64	15.90
15	16QAM	1	0	14.60	14.60	14.51	15.90
15	16QAM	1	37	14.46	14.59	14.59	15.90
15	16QAM	1	74	14.47	14.65	14.61	15.90
15	16QAM	36	0	14.52	14.58	14.58	15.90
15	16QAM	36	20	14.48	14.54	14.62	15.90
15	16QAM	36	39	14.53	14.51	14.62	15.90
15	16QAM	75	0	14.53	14.48	14.69	15.90
15	64QAM	1	0	14.41	14.54	14.46	15.90
15	64QAM	1	37	14.52	14.64	14.49	15.90
15	64QAM	1	74	14.43	14.51	14.53	15.90
15	64QAM	36	0	14.47	14.57	14.57	15.90
15	64QAM	36	20	14.60	14.60	14.48	15.90
15	64QAM	36	39	14.49	14.53	14.58	15.90
15	64QAM	75	0	14.48	14.48	14.52	15.90
15	256QAM	1	0	14.43	14.50	14.52	15.90
15	256QAM	1	37	14.53	14.64	14.52	15.90
15	256QAM	1	74	14.55	14.49	14.44	15.90
15	256QAM	36	0	14.58	14.55	14.65	15.90
15	256QAM	36	20	14.52	14.44	14.47	15.90
15	256QAM	36	39	14.48	14.56	14.54	15.90
15	256QAM	75	0	14.48	14.55	14.54	15.90
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	14.44	14.74	14.55	15.90
10	QPSK	1	25	14.48	14.48	14.55	15.90
10	QPSK	1	49	14.48	14.56	14.66	15.90
10	QPSK	25	0	14.51	14.60	14.54	15.90
10	QPSK	25	12	14.65	14.54	14.52	15.90
10	QPSK	25	25	14.49	14.58	14.52	15.90
10	QPSK	50	0	14.55	14.56	14.65	15.90
10	16QAM	1	0	14.56	14.51	14.58	15.90
10	16QAM	1	25	14.51	14.57	14.60	15.90

10	16QAM	1	49	14.41	14.51	14.64	15.90
10	16QAM	25	0	14.53	14.54	14.55	15.90
10	16QAM	25	12	14.54	14.50	14.62	15.90
10	16QAM	25	25	14.49	14.49	14.64	15.90
10	16QAM	50	0	14.63	14.53	14.57	15.90
10	64QAM	1	0	14.45	14.44	14.54	15.90
10	64QAM	1	25	14.59	14.54	14.55	15.90
10	64QAM	1	49	14.49	14.48	14.50	15.90
10	64QAM	25	0	14.53	14.61	14.60	15.90
10	64QAM	25	12	14.61	14.60	14.59	15.90
10	64QAM	25	25	14.49	14.53	14.55	15.90
10	64QAM	50	0	14.47	14.55	14.60	15.90
10	256QAM	1	0	14.49	14.48	14.43	15.90
10	256QAM	1	25	14.44	14.57	14.44	15.90
10	256QAM	1	49	14.47	14.45	14.38	15.90
10	256QAM	25	0	14.48	14.50	14.52	15.90
10	256QAM	25	12	14.42	14.43	14.54	15.90
10	256QAM	25	25	14.46	14.53	14.45	15.90
10	256QAM	50	0	14.51	14.46	14.53	15.90
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	14.47	14.74	14.58	15.90
5	QPSK	1	12	14.52	14.52	14.62	15.90
5	QPSK	1	24	14.47	14.63	14.62	15.90
5	QPSK	12	0	14.45	14.67	14.58	15.90
5	QPSK	12	7	14.56	14.49	14.49	15.90
5	QPSK	12	13	14.43	14.61	14.59	15.90
5	QPSK	25	0	14.53	14.52	14.69	15.90
5	16QAM	1	0	14.59	14.48	14.62	15.90
5	16QAM	1	12	14.53	14.62	14.69	15.90
5	16QAM	1	24	14.42	14.54	14.54	15.90
5	16QAM	12	0	14.50	14.56	14.51	15.90
5	16QAM	12	7	14.48	14.56	14.52	15.90
5	16QAM	12	13	14.50	14.56	14.53	15.90
5	16QAM	25	0	14.65	14.55	14.67	15.90
5	64QAM	1	0	14.43	14.53	14.58	15.90
5	64QAM	1	12	14.59	14.52	14.49	15.90
5	64QAM	1	24	14.44	14.47	14.45	15.90
5	64QAM	12	0	14.49	14.57	14.52	15.90
5	64QAM	12	7	14.57	14.62	14.61	15.90
5	64QAM	12	13	14.54	14.62	14.65	15.90
5	64QAM	25	0	14.57	14.43	14.58	15.90
5	256QAM	1	0	14.49	14.57	14.44	15.90
5	256QAM	1	12	14.53	14.59	14.56	15.90
5	256QAM	1	24	14.59	14.52	14.43	15.90
5	256QAM	12	0	14.49	14.53	14.58	15.90
5	256QAM	12	7	14.49	14.41	14.47	15.90
5	256QAM	12	13	14.47	14.48	14.43	15.90
5	256QAM	25	0	14.45	14.45	14.56	15.90
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	14.49	14.63	14.61	15.90
3	QPSK	1	8	14.46	14.57	14.60	15.90
3	QPSK	1	14	14.52	14.63	14.61	15.90
3	QPSK	8	0	14.48	14.60	14.59	15.90
3	QPSK	8	4	14.57	14.60	14.57	15.90
3	QPSK	8	7	14.54	14.58	14.53	15.90
3	QPSK	15	0	14.52	14.54	14.62	15.90
3	16QAM	1	0	14.53	14.53	14.63	15.90
3	16QAM	1	8	14.41	14.55	14.69	15.90
3	16QAM	1	14	14.44	14.49	14.53	15.90
3	16QAM	8	0	14.41	14.58	14.57	15.90
3	16QAM	8	4	14.49	14.54	14.59	15.90
3	16QAM	8	7	14.53	14.54	14.62	15.90
3	16QAM	15	0	14.55	14.55	14.61	15.90
3	64QAM	1	0	14.40	14.54	14.52	15.90
3	64QAM	1	8	14.56	14.64	14.50	15.90
3	64QAM	1	14	14.49	14.53	14.53	15.90
3	64QAM	8	0	14.44	14.51	14.61	15.90
3	64QAM	8	4	14.49	14.56	14.54	15.90
3	64QAM	8	7	14.57	14.49	14.65	15.90
3	64QAM	15	0	14.48	14.44	14.57	15.90
3	256QAM	1	0	14.44	14.48	14.50	15.90
3	256QAM	1	8	14.47	14.67	14.52	15.90
3	256QAM	1	14	14.58	14.55	14.44	15.90
3	256QAM	8	0	14.57	14.50	14.58	15.90
3	256QAM	8	4	14.48	14.49	14.57	15.90
3	256QAM	8	7	14.53	14.59	14.54	15.90

3	256QAM	15	0	14.49	14.53	14.48	15.90
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	14.56	14.64	14.62	15.90
1.4	QPSK	1	3	14.46	14.50	14.67	15.90
1.4	QPSK	1	5	14.48	14.56	14.63	15.90
1.4	QPSK	3	0	14.43	14.70	14.65	15.90
1.4	QPSK	3	1	14.62	14.56	14.47	15.90
1.4	QPSK	3	3	14.53	14.68	14.47	15.90
1.4	QPSK	6	0	14.47	14.50	14.63	15.90
1.4	16QAM	1	0	14.63	14.58	14.57	15.90
1.4	16QAM	1	3	14.45	14.59	14.66	15.90
1.4	16QAM	1	5	14.42	14.60	14.63	15.90
1.4	16QAM	3	0	14.45	14.60	14.61	15.90
1.4	16QAM	3	1	14.54	14.58	14.50	15.90
1.4	16QAM	3	3	14.42	14.50	14.62	15.90
1.4	16QAM	6	0	14.63	14.49	14.59	15.90
1.4	64QAM	1	0	14.37	14.51	14.49	15.90
1.4	64QAM	1	3	14.47	14.62	14.51	15.90
1.4	64QAM	1	5	14.38	14.53	14.51	15.90
1.4	64QAM	3	0	14.42	14.48	14.52	15.90
1.4	64QAM	3	1	14.58	14.57	14.59	15.90
1.4	64QAM	3	3	14.51	14.52	14.62	15.90
1.4	64QAM	6	0	14.50	14.47	14.63	15.90
1.4	256QAM	1	0	14.55	14.56	14.43	15.90
1.4	256QAM	1	3	14.46	14.60	14.47	15.90
1.4	256QAM	1	5	14.51	14.55	14.51	15.90
1.4	256QAM	3	0	14.57	14.60	14.52	15.90
1.4	256QAM	3	1	14.55	14.51	14.56	15.90
1.4	256QAM	3	3	14.53	14.52	14.44	15.90
1.4	256QAM	6	0	14.51	14.49	14.59	15.90

【LTE Band 2_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				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	23.44	23.46	23.45	25.10
20	QPSK	1	49	23.36	23.32	23.30	25.10
20	QPSK	1	99	23.37	23.41	23.31	25.10
20	QPSK	50	0	22.45	22.53	22.45	24.10
20	QPSK	50	24	22.39	22.47	22.46	24.10
20	QPSK	50	50	22.50	22.41	22.40	24.10
20	QPSK	100	0	22.42	22.41	22.45	24.10
20	16QAM	1	0	22.44	22.42	22.46	24.10
20	16QAM	1	49	22.44	22.45	22.44	24.10
20	16QAM	1	99	22.41	22.47	22.43	24.10
20	16QAM	50	0	21.43	21.43	21.45	23.10
20	16QAM	50	24	21.48	21.51	21.45	23.10
20	16QAM	50	50	21.44	21.51	21.42	23.10
20	16QAM	100	0	21.40	21.48	21.45	23.10
20	64QAM	1	0	21.43	21.53	21.43	23.10
20	64QAM	1	49	21.41	21.42	21.50	23.10
20	64QAM	1	99	21.46	21.49	21.46	23.10
20	64QAM	50	0	20.44	20.41	20.48	22.10
20	64QAM	50	24	20.48	20.51	20.40	22.10
20	64QAM	50	50	20.43	20.50	20.46	22.10
20	64QAM	100	0	20.48	20.43	20.43	22.10
20	256QAM	1	0	18.51	18.43	18.49	20.10
20	256QAM	1	49	18.41	18.49	18.51	20.10
20	256QAM	1	99	18.43	18.51	18.50	20.10
20	256QAM	50	0	18.50	18.49	18.45	20.10
20	256QAM	50	24	18.46	18.45	18.46	20.10
20	256QAM	50	50	18.41	18.48	18.45	20.10
20	256QAM	100	0	18.44	18.50	18.48	20.10
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	23.34	23.45	23.40	25.10
15	QPSK	1	37	23.32	23.30	23.21	25.10
15	QPSK	1	74	23.24	23.31	23.24	25.10
15	QPSK	36	0	22.34	22.38	22.38	24.10
15	QPSK	36	20	22.24	22.43	22.39	24.10

15	QPSK	36	39	22.37	22.36	22.38	24.10
15	QPSK	75	0	22.31	22.27	22.34	24.10
15	16QAM	1	0	22.30	22.36	22.41	24.10
15	16QAM	1	37	22.42	22.32	22.32	24.10
15	16QAM	1	74	22.31	22.43	22.32	24.10
15	16QAM	36	0	21.41	21.40	21.35	23.10
15	16QAM	36	20	21.41	21.41	21.44	23.10
15	16QAM	36	39	21.38	21.48	21.39	23.10
15	16QAM	75	0	21.36	21.37	21.43	23.10
15	64QAM	1	0	21.32	21.41	21.28	23.10
15	64QAM	1	37	21.31	21.33	21.39	23.10
15	64QAM	1	74	21.41	21.45	21.37	23.10
15	64QAM	36	0	20.34	20.35	20.36	22.10
15	64QAM	36	20	20.41	20.41	20.39	22.10
15	64QAM	36	39	20.35	20.39	20.42	22.10
15	64QAM	75	0	20.44	20.39	20.35	22.10
15	256QAM	1	0	18.41	18.37	18.47	20.10
15	256QAM	1	37	18.30	18.36	18.37	20.10
15	256QAM	1	74	18.37	18.41	18.40	20.10
15	256QAM	36	0	18.37	18.35	18.31	20.10
15	256QAM	36	20	18.40	18.40	18.37	20.10
15	256QAM	36	39	18.35	18.47	18.33	20.10
15	256QAM	75	0	18.42	18.42	18.38	20.10
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	23.37	23.32	23.33	25.10
10	QPSK	1	25	23.29	23.27	23.23	25.10
10	QPSK	1	49	23.24	23.29	23.21	25.10
10	QPSK	25	0	22.40	22.41	22.32	24.10
10	QPSK	25	12	22.25	22.44	22.34	24.10
10	QPSK	25	25	22.43	22.32	22.26	24.10
10	QPSK	50	0	22.28	22.38	22.41	24.10
10	16QAM	1	0	22.32	22.37	22.41	24.10
10	16QAM	1	25	22.39	22.30	22.40	24.10
10	16QAM	1	49	22.30	22.32	22.31	24.10
10	16QAM	25	0	21.38	21.41	21.37	23.10
10	16QAM	25	12	21.47	21.38	21.40	23.10
10	16QAM	25	25	21.37	21.49	21.35	23.10
10	16QAM	50	0	21.30	21.45	21.37	23.10
10	64QAM	1	0	21.35	21.44	21.33	23.10
10	64QAM	1	25	21.28	21.39	21.36	23.10
10	64QAM	1	49	21.42	21.35	21.33	23.10
10	64QAM	25	0	20.30	20.31	20.45	22.10
10	64QAM	25	12	20.40	20.45	20.36	22.10
10	64QAM	25	25	20.32	20.49	20.33	22.10
10	64QAM	50	0	20.47	20.28	20.34	22.10
10	256QAM	1	0	18.38	18.36	18.35	20.10
10	256QAM	1	25	18.34	18.45	18.45	20.10
10	256QAM	1	49	18.34	18.42	18.40	20.10
10	256QAM	25	0	18.39	18.34	18.40	20.10
10	256QAM	25	12	18.43	18.37	18.33	20.10
10	256QAM	25	25	18.28	18.46	18.32	20.10
10	256QAM	50	0	18.41	18.35	18.45	20.10
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	23.33	23.34	23.40	25.10
5	QPSK	1	12	23.29	23.25	23.18	25.10
5	QPSK	1	24	23.32	23.27	23.25	25.10
5	QPSK	12	0	22.43	22.43	22.35	24.10
5	QPSK	12	7	22.30	22.45	22.43	24.10
5	QPSK	12	13	22.35	22.36	22.27	24.10
5	QPSK	25	0	22.40	22.31	22.37	24.10
5	16QAM	1	0	22.34	22.27	22.43	24.10
5	16QAM	1	12	22.43	22.38	22.40	24.10
5	16QAM	1	24	22.33	22.39	22.28	24.10
5	16QAM	12	0	21.31	21.39	21.35	23.10
5	16QAM	12	7	21.41	21.38	21.38	23.10
5	16QAM	12	13	21.36	21.48	21.40	23.10
5	16QAM	25	0	21.33	21.34	21.38	23.10
5	64QAM	1	0	21.38	21.51	21.39	23.10
5	64QAM	1	12	21.35	21.29	21.48	23.10
5	64QAM	1	24	21.39	21.43	21.35	23.10
5	64QAM	12	0	20.33	20.35	20.41	22.10
5	64QAM	12	7	20.35	20.40	20.28	22.10
5	64QAM	12	13	20.39	20.38	20.44	22.10
5	64QAM	25	0	20.39	20.32	20.35	22.10
5	256QAM	1	0	18.39	18.30	18.48	20.10
5	256QAM	1	12	18.36	18.45	18.39	20.10

5	256QAM	1	24	18.35	18.37	18.39	20.10
5	256QAM	12	0	18.46	18.47	18.30	20.10
5	256QAM	12	7	18.36	18.36	18.38	20.10
5	256QAM	12	13	18.39	18.37	18.38	20.10
5	256QAM	25	0	18.38	18.37	18.40	20.10
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	23.29	23.38	23.43	25.10
3	QPSK	1	8	23.29	23.28	23.20	25.10
3	QPSK	1	14	23.36	23.31	23.28	25.10
3	QPSK	8	0	22.34	22.49	22.40	24.10
3	QPSK	8	4	22.34	22.42	22.44	24.10
3	QPSK	8	7	22.48	22.40	22.30	24.10
3	QPSK	15	0	22.30	22.31	22.34	24.10
3	16QAM	1	0	22.32	22.28	22.36	24.10
3	16QAM	1	8	22.33	22.41	22.38	24.10
3	16QAM	1	14	22.38	22.45	22.31	24.10
3	16QAM	8	0	21.29	21.41	21.42	23.10
3	16QAM	8	4	21.44	21.44	21.41	23.10
3	16QAM	8	7	21.29	21.46	21.28	23.10
3	16QAM	15	0	21.26	21.47	21.42	23.10
3	64QAM	1	0	21.30	21.48	21.32	23.10
3	64QAM	1	8	21.27	21.33	21.38	23.10
3	64QAM	1	14	21.40	21.34	21.37	23.10
3	64QAM	8	0	20.31	20.30	20.34	22.10
3	64QAM	8	4	20.36	20.44	20.31	22.10
3	64QAM	8	7	20.34	20.44	20.34	22.10
3	64QAM	15	0	20.44	20.41	20.38	22.10
3	256QAM	1	0	18.38	18.31	18.34	20.10
3	256QAM	1	8	18.39	18.43	18.38	20.10
3	256QAM	1	14	18.31	18.41	18.43	20.10
3	256QAM	8	0	18.39	18.41	18.42	20.10
3	256QAM	8	4	18.31	18.34	18.35	20.10
3	256QAM	8	7	18.31	18.38	18.38	20.10
3	256QAM	15	0	18.34	18.44	18.42	20.10
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	23.40	23.41	23.33	25.10
1.4	QPSK	1	3	23.23	23.28	23.18	25.10
1.4	QPSK	1	5	23.31	23.35	23.22	25.10
1.4	QPSK	3	0	23.39	23.41	23.39	25.10
1.4	QPSK	3	1	23.36	23.32	23.37	25.10
1.4	QPSK	3	3	23.40	23.29	23.34	25.10
1.4	QPSK	6	0	22.33	22.31	22.32	24.10
1.4	16QAM	1	0	22.42	22.29	22.35	24.10
1.4	16QAM	1	3	22.41	22.34	22.40	24.10
1.4	16QAM	1	5	22.26	22.42	22.39	24.10
1.4	16QAM	3	0	22.33	22.33	22.36	24.10
1.4	16QAM	3	1	22.43	22.39	22.37	24.10
1.4	16QAM	3	3	22.39	22.41	22.36	24.10
1.4	16QAM	6	0	21.39	21.45	21.35	23.10
1.4	64QAM	1	0	21.37	21.42	21.35	23.10
1.4	64QAM	1	3	21.37	21.40	21.40	23.10
1.4	64QAM	1	5	21.36	21.44	21.39	23.10
1.4	64QAM	3	0	21.43	21.36	21.38	23.10
1.4	64QAM	3	1	21.35	21.50	21.29	23.10
1.4	64QAM	3	3	21.35	21.44	21.35	23.10
1.4	64QAM	6	0	20.38	20.40	20.32	22.10
1.4	256QAM	1	0	18.36	18.34	18.38	20.10
1.4	256QAM	1	3	18.27	18.34	18.44	20.10
1.4	256QAM	1	5	18.37	18.46	18.43	20.10
1.4	256QAM	3	0	18.37	18.44	18.37	20.10
1.4	256QAM	3	1	18.39	18.33	18.44	20.10
1.4	256QAM	3	3	18.30	18.47	18.39	20.10
1.4	256QAM	6	0	18.41	18.42	18.41	20.10

【LTE Band 2_Ant 5_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	23.44	23.46	23.45	25.10
20	QPSK	1	49	23.36	23.32	23.30	25.10
20	QPSK	1	99	23.37	23.41	23.31	25.10
20	QPSK	50	0	22.45	22.53	22.45	24.10
20	QPSK	50	24	22.39	22.47	22.46	24.10
20	QPSK	50	50	22.50	22.41	22.40	24.10
20	QPSK	100	0	22.42	22.41	22.45	24.10
20	16QAM	1	0	22.44	22.42	22.46	24.10
20	16QAM	1	49	22.44	22.45	22.44	24.10
20	16QAM	1	99	22.41	22.47	22.43	24.10
20	16QAM	50	0	21.43	21.43	21.45	23.10
20	16QAM	50	24	21.48	21.51	21.45	23.10
20	16QAM	50	50	21.44	21.51	21.42	23.10
20	16QAM	100	0	21.40	21.48	21.45	23.10
20	64QAM	1	0	21.43	21.53	21.43	23.10
20	64QAM	1	49	21.41	21.42	21.50	23.10
20	64QAM	1	99	21.46	21.49	21.46	23.10
20	64QAM	50	0	20.44	20.41	20.48	22.10
20	64QAM	50	24	20.48	20.51	20.40	22.10
20	64QAM	50	50	20.43	20.50	20.46	22.10
20	64QAM	100	0	20.48	20.43	20.43	22.10
20	256QAM	1	0	18.51	18.43	18.49	20.10
20	256QAM	1	49	18.41	18.49	18.51	20.10
20	256QAM	1	99	18.43	18.51	18.50	20.10
20	256QAM	50	0	18.50	18.49	18.45	20.10
20	256QAM	50	24	18.46	18.45	18.46	20.10
20	256QAM	50	50	18.41	18.48	18.45	20.10
20	256QAM	100	0	18.44	18.50	18.48	20.10
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	23.34	23.45	23.40	25.10
15	QPSK	1	37	23.32	23.30	23.21	25.10
15	QPSK	1	74	23.24	23.31	23.24	25.10
15	QPSK	36	0	22.34	22.38	22.38	24.10
15	QPSK	36	20	22.24	22.43	22.39	24.10
15	QPSK	36	39	22.37	22.36	22.38	24.10
15	QPSK	75	0	22.31	22.27	22.34	24.10
15	16QAM	1	0	22.30	22.36	22.41	24.10
15	16QAM	1	37	22.42	22.32	22.32	24.10
15	16QAM	1	74	22.31	22.43	22.32	24.10
15	16QAM	36	0	21.41	21.40	21.35	23.10
15	16QAM	36	20	21.41	21.41	21.44	23.10
15	16QAM	36	39	21.38	21.48	21.39	23.10
15	16QAM	75	0	21.36	21.37	21.43	23.10
15	64QAM	1	0	21.32	21.41	21.28	23.10
15	64QAM	1	37	21.31	21.33	21.39	23.10
15	64QAM	1	74	21.41	21.45	21.37	23.10
15	64QAM	36	0	20.34	20.35	20.36	22.10
15	64QAM	36	20	20.41	20.41	20.39	22.10
15	64QAM	36	39	20.35	20.39	20.42	22.10
15	64QAM	75	0	20.44	20.39	20.35	22.10
15	256QAM	1	0	18.41	18.37	18.47	20.10
15	256QAM	1	37	18.30	18.36	18.37	20.10
15	256QAM	1	74	18.37	18.41	18.40	20.10
15	256QAM	36	0	18.37	18.35	18.31	20.10
15	256QAM	36	20	18.40	18.40	18.37	20.10
15	256QAM	36	39	18.35	18.47	18.33	20.10
15	256QAM	75	0	18.42	18.42	18.38	20.10
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	23.37	23.32	23.33	25.10
10	QPSK	1	25	23.29	23.27	23.23	25.10
10	QPSK	1	49	23.24	23.29	23.21	25.10
10	QPSK	25	0	22.40	22.41	22.32	24.10
10	QPSK	25	12	22.25	22.44	22.34	24.10
10	QPSK	25	25	22.43	22.32	22.26	24.10
10	QPSK	50	0	22.28	22.38	22.41	24.10
10	16QAM	1	0	22.32	22.37	22.41	24.10
10	16QAM	1	25	22.39	22.30	22.40	24.10

10	16QAM	1	49	22.30	22.32	22.31	24.10
10	16QAM	25	0	21.38	21.41	21.37	23.10
10	16QAM	25	12	21.47	21.38	21.40	23.10
10	16QAM	25	25	21.37	21.49	21.35	23.10
10	16QAM	50	0	21.30	21.45	21.37	23.10
10	64QAM	1	0	21.35	21.44	21.33	23.10
10	64QAM	1	25	21.28	21.39	21.36	23.10
10	64QAM	1	49	21.42	21.35	21.33	23.10
10	64QAM	25	0	20.30	20.31	20.45	22.10
10	64QAM	25	12	20.40	20.45	20.36	22.10
10	64QAM	25	25	20.32	20.49	20.33	22.10
10	64QAM	50	0	20.47	20.28	20.34	22.10
10	256QAM	1	0	18.38	18.36	18.35	20.10
10	256QAM	1	25	18.34	18.45	18.45	20.10
10	256QAM	1	49	18.34	18.42	18.40	20.10
10	256QAM	25	0	18.39	18.34	18.40	20.10
10	256QAM	25	12	18.43	18.37	18.33	20.10
10	256QAM	25	25	18.28	18.46	18.32	20.10
10	256QAM	50	0	18.41	18.35	18.45	20.10
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	23.33	23.34	23.40	25.10
5	QPSK	1	12	23.29	23.25	23.18	25.10
5	QPSK	1	24	23.32	23.27	23.25	25.10
5	QPSK	12	0	22.43	22.43	22.35	24.10
5	QPSK	12	7	22.30	22.45	22.43	24.10
5	QPSK	12	13	22.35	22.36	22.27	24.10
5	QPSK	25	0	22.40	22.31	22.37	24.10
5	16QAM	1	0	22.34	22.27	22.43	24.10
5	16QAM	1	12	22.43	22.38	22.40	24.10
5	16QAM	1	24	22.33	22.39	22.28	24.10
5	16QAM	12	0	21.31	21.39	21.35	23.10
5	16QAM	12	7	21.41	21.38	21.38	23.10
5	16QAM	12	13	21.36	21.48	21.40	23.10
5	16QAM	25	0	21.33	21.34	21.38	23.10
5	64QAM	1	0	21.38	21.51	21.39	23.10
5	64QAM	1	12	21.35	21.29	21.48	23.10
5	64QAM	1	24	21.39	21.43	21.35	23.10
5	64QAM	12	0	20.33	20.35	20.41	22.10
5	64QAM	12	7	20.35	20.40	20.28	22.10
5	64QAM	12	13	20.39	20.38	20.44	22.10
5	64QAM	25	0	20.39	20.32	20.35	22.10
5	256QAM	1	0	18.39	18.30	18.48	20.10
5	256QAM	1	12	18.36	18.45	18.39	20.10
5	256QAM	1	24	18.35	18.37	18.39	20.10
5	256QAM	12	0	18.46	18.47	18.30	20.10
5	256QAM	12	7	18.36	18.36	18.38	20.10
5	256QAM	12	13	18.39	18.37	18.38	20.10
5	256QAM	25	0	18.38	18.37	18.40	20.10
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	23.29	23.38	23.43	25.10
3	QPSK	1	8	23.29	23.28	23.20	25.10
3	QPSK	1	14	23.36	23.31	23.28	25.10
3	QPSK	8	0	22.34	22.49	22.40	24.10
3	QPSK	8	4	22.34	22.42	22.44	24.10
3	QPSK	8	7	22.48	22.40	22.30	24.10
3	QPSK	15	0	22.30	22.31	22.34	24.10
3	16QAM	1	0	22.32	22.28	22.36	24.10
3	16QAM	1	8	22.33	22.41	22.38	24.10
3	16QAM	1	14	22.38	22.45	22.31	24.10
3	16QAM	8	0	21.29	21.41	21.42	23.10
3	16QAM	8	4	21.44	21.44	21.41	23.10
3	16QAM	8	7	21.29	21.46	21.28	23.10
3	16QAM	15	0	21.26	21.47	21.42	23.10
3	64QAM	1	0	21.30	21.48	21.32	23.10
3	64QAM	1	8	21.27	21.33	21.38	23.10
3	64QAM	1	14	21.40	21.34	21.37	23.10
3	64QAM	8	0	20.31	20.30	20.34	22.10
3	64QAM	8	4	20.36	20.44	20.31	22.10
3	64QAM	8	7	20.34	20.44	20.34	22.10
3	64QAM	15	0	20.44	20.41	20.38	22.10
3	256QAM	1	0	18.38	18.31	18.34	20.10
3	256QAM	1	8	18.39	18.43	18.38	20.10
3	256QAM	1	14	18.31	18.41	18.43	20.10
3	256QAM	8	0	18.39	18.41	18.42	20.10
3	256QAM	8	4	18.31	18.34	18.35	20.10
3	256QAM	8	7	18.31	18.38	18.38	20.10

3	256QAM	15	0	18.34	18.44	18.42	20.10
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	23.40	23.41	23.33	25.10
1.4	QPSK	1	3	23.23	23.28	23.18	25.10
1.4	QPSK	1	5	23.31	23.35	23.22	25.10
1.4	QPSK	3	0	23.39	23.41	23.39	25.10
1.4	QPSK	3	1	23.36	23.32	23.37	25.10
1.4	QPSK	3	3	23.40	23.29	23.34	25.10
1.4	QPSK	6	0	22.33	22.31	22.32	24.10
1.4	16QAM	1	0	22.42	22.29	22.35	24.10
1.4	16QAM	1	3	22.41	22.34	22.40	24.10
1.4	16QAM	1	5	22.26	22.42	22.39	24.10
1.4	16QAM	3	0	22.33	22.33	22.36	24.10
1.4	16QAM	3	1	22.43	22.39	22.37	24.10
1.4	16QAM	3	3	22.39	22.41	22.36	24.10
1.4	16QAM	6	0	21.39	21.45	21.35	23.10
1.4	64QAM	1	0	21.37	21.42	21.35	23.10
1.4	64QAM	1	3	21.37	21.40	21.40	23.10
1.4	64QAM	1	5	21.36	21.44	21.39	23.10
1.4	64QAM	3	0	21.43	21.36	21.38	23.10
1.4	64QAM	3	1	21.35	21.50	21.29	23.10
1.4	64QAM	3	3	21.35	21.44	21.35	23.10
1.4	64QAM	6	0	20.38	20.40	20.32	22.10
1.4	256QAM	1	0	18.36	18.34	18.38	20.10
1.4	256QAM	1	3	18.27	18.34	18.44	20.10
1.4	256QAM	1	5	18.37	18.46	18.43	20.10
1.4	256QAM	3	0	18.37	18.44	18.37	20.10
1.4	256QAM	3	1	18.39	18.33	18.44	20.10
1.4	256QAM	3	3	18.30	18.47	18.39	20.10
1.4	256QAM	6	0	18.41	18.42	18.41	20.10

【LTE Band 2_Ant 5_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	14.83	15.03	14.72	16.00
20	QPSK	1	49	14.59	14.98	14.70	16.00
20	QPSK	1	99	14.70	14.89	14.78	16.00
20	QPSK	50	0	14.72	15.01	14.80	16.00
20	QPSK	50	24	14.69	15.00	14.82	16.00
20	QPSK	50	50	14.70	15.00	14.76	16.00
20	QPSK	100	0	14.69	14.83	14.79	16.00
20	16QAM	1	0	14.78	14.97	14.81	16.00
20	16QAM	1	49	14.81	14.92	14.88	16.00
20	16QAM	1	99	14.64	14.90	14.77	16.00
20	16QAM	50	0	14.58	14.98	14.81	16.00
20	16QAM	50	24	14.59	14.91	14.72	16.00
20	16QAM	50	50	14.74	14.83	14.85	16.00
20	16QAM	100	0	14.76	14.95	14.72	16.00
20	64QAM	1	0	14.69	14.94	14.80	16.00
20	64QAM	1	49	14.65	14.91	14.78	16.00
20	64QAM	1	99	14.78	14.87	14.83	16.00
20	64QAM	50	0	14.62	14.84	14.70	16.00
20	64QAM	50	24	14.64	14.87	14.85	16.00
20	64QAM	50	50	14.74	14.89	14.73	16.00
20	64QAM	100	0	14.76	14.96	14.74	16.00
20	256QAM	1	0	14.71	14.82	14.78	16.00
20	256QAM	1	49	14.73	14.87	14.80	16.00
20	256QAM	1	99	14.68	14.95	14.73	16.00
20	256QAM	50	0	14.68	14.95	14.81	16.00
20	256QAM	50	24	14.72	14.87	14.82	16.00
20	256QAM	50	50	14.65	14.89	14.74	16.00
20	256QAM	100	0	14.78	14.92	14.80	16.00
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	14.73	14.98	14.61	16.00
15	QPSK	1	37	14.57	14.85	14.64	16.00
15	QPSK	1	74	14.66	14.78	14.68	16.00
15	QPSK	36	0	14.57	14.88	14.72	16.00
15	QPSK	36	20	14.65	14.91	14.74	16.00

15	QPSK	36	39	14.61	14.89	14.70	16.00
15	QPSK	75	0	14.68	14.80	14.85	16.00
15	16QAM	1	0	14.68	14.95	14.67	16.00
15	16QAM	1	37	14.77	14.78	14.79	16.00
15	16QAM	1	74	14.61	14.86	14.66	16.00
15	16QAM	36	0	14.44	14.97	14.79	16.00
15	16QAM	36	20	14.47	14.86	14.71	16.00
15	16QAM	36	39	14.72	14.69	14.80	16.00
15	16QAM	75	0	14.70	14.84	14.71	16.00
15	64QAM	1	0	14.64	14.83	14.67	16.00
15	64QAM	1	37	14.61	14.89	14.66	16.00
15	64QAM	1	74	14.73	14.83	14.70	16.00
15	64QAM	36	0	14.55	14.75	14.58	16.00
15	64QAM	36	20	14.63	14.75	14.79	16.00
15	64QAM	36	39	14.60	14.77	14.65	16.00
15	64QAM	75	0	14.71	14.91	14.61	16.00
15	256QAM	1	0	14.67	14.81	14.70	16.00
15	256QAM	1	37	14.67	14.80	14.69	16.00
15	256QAM	1	74	14.57	14.89	14.65	16.00
15	256QAM	36	0	14.61	14.96	14.78	16.00
15	256QAM	36	20	14.68	14.76	14.78	16.00
15	256QAM	36	39	14.59	14.80	14.66	16.00
15	256QAM	75	0	14.64	14.92	14.79	16.00
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	14.72	14.98	14.57	16.00
10	QPSK	1	25	14.49	14.96	14.56	16.00
10	QPSK	1	49	14.58	14.75	14.73	16.00
10	QPSK	25	0	14.63	14.91	14.70	16.00
10	QPSK	25	12	14.59	14.98	14.68	16.00
10	QPSK	25	25	14.68	14.88	14.64	16.00
10	QPSK	50	0	14.65	14.72	14.84	16.00
10	16QAM	1	0	14.77	14.92	14.71	16.00
10	16QAM	1	25	14.72	14.77	14.76	16.00
10	16QAM	1	49	14.61	14.82	14.66	16.00
10	16QAM	25	0	14.53	14.93	14.70	16.00
10	16QAM	25	12	14.56	14.89	14.60	16.00
10	16QAM	25	25	14.68	14.73	14.79	16.00
10	16QAM	50	0	14.66	14.88	14.68	16.00
10	64QAM	1	0	14.55	14.80	14.66	16.00
10	64QAM	1	25	14.63	14.77	14.66	16.00
10	64QAM	1	49	14.71	14.82	14.68	16.00
10	64QAM	25	0	14.55	14.70	14.60	16.00
10	64QAM	25	12	14.53	14.73	14.74	16.00
10	64QAM	25	25	14.68	14.78	14.58	16.00
10	64QAM	50	0	14.64	14.86	14.69	16.00
10	256QAM	1	0	14.70	14.80	14.72	16.00
10	256QAM	1	25	14.63	14.74	14.66	16.00
10	256QAM	1	49	14.57	14.82	14.61	16.00
10	256QAM	25	0	14.65	14.89	14.70	16.00
10	256QAM	25	12	14.70	14.75	14.72	16.00
10	256QAM	25	25	14.53	14.76	14.65	16.00
10	256QAM	50	0	14.72	14.91	14.71	16.00
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	14.72	14.98	14.61	16.00
5	QPSK	1	12	14.47	14.88	14.55	16.00
5	QPSK	1	24	14.58	14.85	14.70	16.00
5	QPSK	12	0	14.63	14.89	14.65	16.00
5	QPSK	12	7	14.66	14.90	14.71	16.00
5	QPSK	12	13	14.67	14.86	14.70	16.00
5	QPSK	25	0	14.61	14.77	14.79	16.00
5	16QAM	1	0	14.74	14.97	14.77	16.00
5	16QAM	1	12	14.73	14.83	14.82	16.00
5	16QAM	1	24	14.56	14.89	14.68	16.00
5	16QAM	12	0	14.56	14.95	14.78	16.00
5	16QAM	12	7	14.47	14.80	14.59	16.00
5	16QAM	12	13	14.63	14.73	14.80	16.00
5	16QAM	25	0	14.73	14.90	14.62	16.00
5	64QAM	1	0	14.60	14.85	14.73	16.00
5	64QAM	1	12	14.64	14.88	14.72	16.00
5	64QAM	1	24	14.69	14.80	14.74	16.00
5	64QAM	12	0	14.55	14.75	14.62	16.00
5	64QAM	12	7	14.50	14.80	14.72	16.00
5	64QAM	12	13	14.62	14.75	14.70	16.00
5	64QAM	25	0	14.74	14.94	14.73	16.00
5	256QAM	1	0	14.69	14.69	14.67	16.00
5	256QAM	1	12	14.63	14.77	14.70	16.00

5	256QAM	1	24	14.57	14.80	14.60	16.00
5	256QAM	12	0	14.54	14.95	14.73	16.00
5	256QAM	12	7	14.63	14.85	14.78	16.00
5	256QAM	12	13	14.58	14.80	14.72	16.00
5	256QAM	25	0	14.72	14.88	14.66	16.00
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	14.80	14.92	14.58	16.00
3	QPSK	1	8	14.54	14.96	14.65	16.00
3	QPSK	1	14	14.60	14.80	14.63	16.00
3	QPSK	8	0	14.65	14.88	14.70	16.00
3	QPSK	8	4	14.63	14.89	14.81	16.00
3	QPSK	8	7	14.55	14.88	14.65	16.00
3	QPSK	15	0	14.66	14.73	14.90	16.00
3	16QAM	1	0	14.71	14.93	14.75	16.00
3	16QAM	1	8	14.69	14.87	14.79	16.00
3	16QAM	1	14	14.63	14.76	14.73	16.00
3	16QAM	8	0	14.48	14.87	14.68	16.00
3	16QAM	8	4	14.52	14.83	14.69	16.00
3	16QAM	8	7	14.60	14.78	14.82	16.00
3	16QAM	15	0	14.61	14.80	14.67	16.00
3	64QAM	1	0	14.68	14.83	14.73	16.00
3	64QAM	1	8	14.59	14.80	14.72	16.00
3	64QAM	1	14	14.70	14.74	14.72	16.00
3	64QAM	8	0	14.60	14.75	14.61	16.00
3	64QAM	8	4	14.59	14.86	14.77	16.00
3	64QAM	8	7	14.59	14.82	14.60	16.00
3	64QAM	15	0	14.66	14.90	14.67	16.00
3	256QAM	1	0	14.67	14.77	14.70	16.00
3	256QAM	1	8	14.66	14.85	14.79	16.00
3	256QAM	1	14	14.64	14.92	14.63	16.00
3	256QAM	8	0	14.59	14.93	14.67	16.00
3	256QAM	8	4	14.71	14.85	14.73	16.00
3	256QAM	8	7	14.63	14.87	14.66	16.00
3	256QAM	15	0	14.67	14.97	14.66	16.00
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	14.77	14.91	14.70	16.00
1.4	QPSK	1	3	14.51	14.83	14.55	16.00
1.4	QPSK	1	5	14.68	14.87	14.72	16.00
1.4	QPSK	3	0	14.58	14.96	14.71	16.00
1.4	QPSK	3	1	14.59	14.91	14.68	16.00
1.4	QPSK	3	3	14.68	14.97	14.65	16.00
1.4	QPSK	6	0	14.60	14.78	14.88	16.00
1.4	16QAM	1	0	14.65	14.94	14.75	16.00
1.4	16QAM	1	3	14.74	14.83	14.86	16.00
1.4	16QAM	1	5	14.50	14.85	14.70	16.00
1.4	16QAM	3	0	14.55	14.85	14.77	16.00
1.4	16QAM	3	1	14.56	14.79	14.62	16.00
1.4	16QAM	3	3	14.68	14.78	14.74	16.00
1.4	16QAM	6	0	14.61	14.81	14.62	16.00
1.4	64QAM	1	0	14.60	14.88	14.74	16.00
1.4	64QAM	1	3	14.57	14.85	14.74	16.00
1.4	64QAM	1	5	14.65	14.77	14.74	16.00
1.4	64QAM	3	0	14.60	14.83	14.60	16.00
1.4	64QAM	3	1	14.62	14.76	14.73	16.00
1.4	64QAM	3	3	14.60	14.78	14.64	16.00
1.4	64QAM	6	0	14.70	14.84	14.59	16.00
1.4	256QAM	1	0	14.67	14.71	14.73	16.00
1.4	256QAM	1	3	14.68	14.72	14.67	16.00
1.4	256QAM	1	5	14.59	14.89	14.71	16.00
1.4	256QAM	3	0	14.58	14.97	14.80	16.00
1.4	256QAM	3	1	14.62	14.76	14.78	16.00
1.4	256QAM	3	3	14.56	14.86	14.62	16.00
1.4	256QAM	6	0	14.77	14.90	14.73	16.00

【LTE Band 4_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				20050	20175	20300	Tune-up limit (dBm)
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	23.20	23.42	23.24	25.10
20	QPSK	1	49	23.25	23.28	23.35	25.10
20	QPSK	1	99	23.18	23.31	23.14	25.10
20	QPSK	50	0	22.25	22.40	22.28	24.10
20	QPSK	50	24	22.19	22.34	22.38	24.10
20	QPSK	50	50	22.12	22.34	22.35	24.10
20	QPSK	100	0	22.12	22.36	22.32	24.10
20	16QAM	1	0	22.24	22.42	22.33	24.10
20	16QAM	1	49	22.45	22.46	22.29	24.10
20	16QAM	1	99	22.20	22.45	22.32	24.10
20	16QAM	50	0	21.22	21.44	21.23	23.10
20	16QAM	50	24	21.23	21.36	21.34	23.10
20	16QAM	50	50	21.31	21.37	21.25	23.10
20	16QAM	100	0	21.17	21.36	21.33	23.10
20	64QAM	1	0	21.12	21.45	21.36	23.10
20	64QAM	1	49	21.19	21.43	21.22	23.10
20	64QAM	1	99	21.29	21.40	21.31	23.10
20	64QAM	50	0	20.13	20.49	20.39	22.10
20	64QAM	50	24	20.32	20.47	20.22	22.10
20	64QAM	50	50	20.20	20.46	20.38	22.10
20	64QAM	100	0	20.26	20.47	20.37	22.10
20	256QAM	1	0	18.11	18.39	18.38	20.10
20	256QAM	1	49	18.21	18.35	18.41	20.10
20	256QAM	1	99	18.19	18.36	18.44	20.10
20	256QAM	50	0	18.20	18.36	18.30	20.10
20	256QAM	50	24	18.12	18.28	18.24	20.10
20	256QAM	50	50	18.20	18.43	18.29	20.10
20	256QAM	100	0	18.16	18.38	18.34	20.10
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	23.10	23.40	23.10	25.10
15	QPSK	1	37	23.22	23.13	23.21	25.10
15	QPSK	1	74	23.14	23.18	23.11	25.10
15	QPSK	36	0	22.21	22.36	22.14	24.10
15	QPSK	36	20	22.10	22.19	22.29	24.10
15	QPSK	36	39	22.11	22.20	22.32	24.10
15	QPSK	75	0	22.10	22.33	22.31	24.10
15	16QAM	1	0	22.22	22.35	22.25	24.10
15	16QAM	1	37	22.33	22.33	22.16	24.10
15	16QAM	1	74	22.11	22.42	22.24	24.10
15	16QAM	36	0	21.18	21.38	21.16	23.10
15	16QAM	36	20	21.14	21.35	21.33	23.10
15	16QAM	36	39	21.21	21.29	21.13	23.10
15	16QAM	75	0	21.10	21.35	21.25	23.10
15	64QAM	1	0	21.10	21.38	21.31	23.10
15	64QAM	1	37	21.10	21.31	21.12	23.10
15	64QAM	1	74	21.22	21.27	21.24	23.10
15	64QAM	36	0	20.10	20.40	20.24	22.10
15	64QAM	36	20	20.23	20.45	20.10	22.10
15	64QAM	36	39	20.10	20.40	20.30	22.10
15	64QAM	75	0	20.23	20.46	20.31	22.10
15	256QAM	1	0	18.10	18.26	18.33	20.10
15	256QAM	1	37	18.10	18.28	18.33	20.10
15	256QAM	1	74	18.16	18.35	18.33	20.10
15	256QAM	36	0	18.10	18.21	18.22	20.10
15	256QAM	36	20	18.10	18.21	18.15	20.10
15	256QAM	36	39	18.10	18.40	18.22	20.10
15	256QAM	75	0	18.11	18.26	18.28	20.10
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	23.10	23.30	23.19	25.10
10	QPSK	1	25	23.14	23.17	23.21	25.10
10	QPSK	1	49	23.12	23.24	23.10	25.10
10	QPSK	25	0	22.15	22.27	22.14	24.10
10	QPSK	25	12	22.15	22.27	22.28	24.10
10	QPSK	25	25	22.12	22.27	22.31	24.10
10	QPSK	50	0	22.10	22.28	22.35	24.10
10	16QAM	1	0	22.16	22.33	22.22	24.10
10	16QAM	1	25	22.40	22.34	22.19	24.10

10	16QAM	1	49	22.12	22.31	22.31	24.10
10	16QAM	25	0	21.19	21.42	21.19	23.10
10	16QAM	25	12	21.12	21.34	21.21	23.10
10	16QAM	25	25	21.17	21.25	21.15	23.10
10	16QAM	50	0	21.10	21.33	21.22	23.10
10	64QAM	1	0	21.10	21.32	21.22	23.10
10	64QAM	1	25	21.16	21.39	21.11	23.10
10	64QAM	1	49	21.26	21.31	21.26	23.10
10	64QAM	25	0	20.12	20.37	20.25	22.10
10	64QAM	25	12	20.28	20.41	20.18	22.10
10	64QAM	25	25	20.12	20.44	20.29	22.10
10	64QAM	50	0	20.16	20.42	20.22	22.10
10	256QAM	1	0	18.11	18.38	18.28	20.10
10	256QAM	1	25	18.20	18.23	18.28	20.10
10	256QAM	1	49	18.13	18.22	18.31	20.10
10	256QAM	25	0	18.15	18.25	18.17	20.10
10	256QAM	25	12	18.11	18.19	18.12	20.10
10	256QAM	25	25	18.17	18.31	18.15	20.10
10	256QAM	50	0	18.10	18.32	18.23	20.10
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	23.18	23.36	23.13	25.10
5	QPSK	1	12	23.13	23.22	23.28	25.10
5	QPSK	1	24	23.10	23.22	23.12	25.10
5	QPSK	12	0	22.19	22.37	22.17	24.10
5	QPSK	12	7	22.14	22.27	22.28	24.10
5	QPSK	12	13	22.11	22.25	22.42	24.10
5	QPSK	25	0	22.10	22.34	22.28	24.10
5	16QAM	1	0	22.17	22.31	22.29	24.10
5	16QAM	1	12	22.42	22.39	22.25	24.10
5	16QAM	1	24	22.12	22.40	22.29	24.10
5	16QAM	12	0	21.16	21.36	21.18	23.10
5	16QAM	12	7	21.13	21.34	21.32	23.10
5	16QAM	12	13	21.21	21.26	21.11	23.10
5	16QAM	25	0	21.11	21.21	21.22	23.10
5	64QAM	1	0	21.10	21.41	21.24	23.10
5	64QAM	1	12	21.11	21.41	21.10	23.10
5	64QAM	1	24	21.17	21.28	21.22	23.10
5	64QAM	12	0	20.10	20.37	20.28	22.10
5	64QAM	12	7	20.18	20.42	20.19	22.10
5	64QAM	12	13	20.11	20.42	20.35	22.10
5	64QAM	25	0	20.12	20.35	20.24	22.10
5	256QAM	1	0	18.10	18.33	18.34	20.10
5	256QAM	1	12	18.10	18.27	18.37	20.10
5	256QAM	1	24	18.10	18.27	18.35	20.10
5	256QAM	12	0	18.14	18.29	18.20	20.10
5	256QAM	12	7	18.10	18.19	18.22	20.10
5	256QAM	12	13	18.17	18.39	18.20	20.10
5	256QAM	25	0	18.10	18.37	18.29	20.10
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	23.10	23.30	23.10	25.10
3	QPSK	1	8	23.22	23.26	23.25	25.10
3	QPSK	1	14	23.11	23.16	23.11	25.10
3	QPSK	8	0	22.10	22.28	22.26	24.10
3	QPSK	8	4	22.10	22.26	22.29	24.10
3	QPSK	8	7	22.10	22.25	22.32	24.10
3	QPSK	15	0	22.10	22.28	22.36	24.10
3	16QAM	1	0	22.10	22.34	22.22	24.10
3	16QAM	1	8	22.38	22.33	22.19	24.10
3	16QAM	1	14	22.19	22.43	22.30	24.10
3	16QAM	8	0	21.12	21.38	21.20	23.10
3	16QAM	8	4	21.18	21.34	21.26	23.10
3	16QAM	8	7	21.23	21.36	21.17	23.10
3	16QAM	15	0	21.11	21.32	21.23	23.10
3	64QAM	1	0	21.10	21.37	21.34	23.10
3	64QAM	1	8	21.10	21.41	21.11	23.10
3	64QAM	1	14	21.19	21.30	21.19	23.10
3	64QAM	8	0	20.10	20.43	20.35	22.10
3	64QAM	8	4	20.20	20.44	20.20	22.10
3	64QAM	8	7	20.10	20.43	20.26	22.10
3	64QAM	15	0	20.18	20.33	20.30	22.10
3	256QAM	1	0	18.11	18.34	18.25	20.10
3	256QAM	1	8	18.11	18.23	18.36	20.10
3	256QAM	1	14	18.11	18.34	18.41	20.10
3	256QAM	8	0	18.18	18.27	18.17	20.10
3	256QAM	8	4	18.10	18.26	18.22	20.10
3	256QAM	8	7	18.12	18.37	18.20	20.10

3	256QAM	15	0	18.10	18.31	18.21	20.10
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	23.14	23.27	23.11	25.10
1.4	QPSK	1	3	23.17	23.16	23.28	25.10
1.4	QPSK	1	5	23.10	23.22	23.12	25.10
1.4	QPSK	3	0	23.18	23.37	23.26	25.10
1.4	QPSK	3	1	23.11	23.31	23.32	25.10
1.4	QPSK	3	3	23.12	23.22	23.39	25.10
1.4	QPSK	6	0	22.10	22.23	22.34	24.10
1.4	16QAM	1	0	22.11	22.28	22.19	24.10
1.4	16QAM	1	3	22.34	22.31	22.24	24.10
1.4	16QAM	1	5	22.11	22.40	22.19	24.10
1.4	16QAM	3	0	22.11	22.40	22.19	24.10
1.4	16QAM	3	1	22.10	22.24	22.21	24.10
1.4	16QAM	3	3	22.18	22.29	22.14	24.10
1.4	16QAM	6	0	21.12	21.32	21.29	23.10
1.4	64QAM	1	0	21.10	21.31	21.22	23.10
1.4	64QAM	1	3	21.11	21.36	21.10	23.10
1.4	64QAM	1	5	21.17	21.30	21.24	23.10
1.4	64QAM	3	0	21.11	21.43	21.35	23.10
1.4	64QAM	3	1	21.21	21.44	21.15	23.10
1.4	64QAM	3	3	21.12	21.41	21.27	23.10
1.4	64QAM	6	0	20.11	20.42	20.35	22.10
1.4	256QAM	1	0	18.10	18.25	18.32	20.10
1.4	256QAM	1	3	18.15	18.24	18.35	20.10
1.4	256QAM	1	5	18.14	18.30	18.29	20.10
1.4	256QAM	3	0	18.11	18.30	18.26	20.10
1.4	256QAM	3	1	18.10	18.27	18.15	20.10
1.4	256QAM	3	3	18.12	18.29	18.17	20.10
1.4	256QAM	6	0	18.11	18.31	18.19	20.10

【LTE Band 4_Ant 1_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	23.20	23.42	23.24	25.10
20	QPSK	1	49	23.25	23.28	23.35	25.10
20	QPSK	1	99	23.18	23.31	23.14	25.10
20	QPSK	50	0	22.25	22.40	22.28	24.10
20	QPSK	50	24	22.19	22.34	22.38	24.10
20	QPSK	50	50	22.12	22.34	22.35	24.10
20	QPSK	100	0	22.12	22.36	22.32	24.10
20	16QAM	1	0	22.24	22.42	22.33	24.10
20	16QAM	1	49	22.45	22.46	22.29	24.10
20	16QAM	1	99	22.20	22.45	22.32	24.10
20	16QAM	50	0	21.22	21.44	21.23	23.10
20	16QAM	50	24	21.23	21.36	21.34	23.10
20	16QAM	50	50	21.31	21.37	21.25	23.10
20	16QAM	100	0	21.17	21.36	21.33	23.10
20	64QAM	1	0	21.12	21.45	21.36	23.10
20	64QAM	1	49	21.19	21.43	21.22	23.10
20	64QAM	1	99	21.29	21.40	21.31	23.10
20	64QAM	50	0	20.13	20.49	20.39	22.10
20	64QAM	50	24	20.32	20.47	20.22	22.10
20	64QAM	50	50	20.20	20.46	20.38	22.10
20	64QAM	100	0	20.26	20.47	20.37	22.10
20	256QAM	1	0	18.11	18.39	18.38	20.10
20	256QAM	1	49	18.21	18.35	18.41	20.10
20	256QAM	1	99	18.19	18.36	18.44	20.10
20	256QAM	50	0	18.20	18.36	18.30	20.10
20	256QAM	50	24	18.12	18.28	18.24	20.10
20	256QAM	50	50	18.20	18.43	18.29	20.10
20	256QAM	100	0	18.16	18.38	18.34	20.10
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	23.10	23.40	23.10	25.10
15	QPSK	1	37	23.22	23.13	23.21	25.10
15	QPSK	1	74	23.14	23.18	23.11	25.10
15	QPSK	36	0	22.21	22.36	22.14	24.10
15	QPSK	36	20	22.10	22.19	22.29	24.10

15	QPSK	36	39	22.11	22.20	22.32	24.10
15	QPSK	75	0	22.10	22.33	22.31	24.10
15	16QAM	1	0	22.22	22.35	22.25	24.10
15	16QAM	1	37	22.33	22.33	22.16	24.10
15	16QAM	1	74	22.11	22.42	22.24	24.10
15	16QAM	36	0	21.18	21.38	21.16	23.10
15	16QAM	36	20	21.14	21.35	21.33	23.10
15	16QAM	36	39	21.21	21.29	21.13	23.10
15	16QAM	75	0	21.10	21.35	21.25	23.10
15	64QAM	1	0	21.10	21.38	21.31	23.10
15	64QAM	1	37	21.10	21.31	21.12	23.10
15	64QAM	1	74	21.22	21.27	21.24	23.10
15	64QAM	36	0	20.10	20.40	20.24	22.10
15	64QAM	36	20	20.23	20.45	20.10	22.10
15	64QAM	36	39	20.10	20.40	20.30	22.10
15	64QAM	75	0	20.23	20.46	20.31	22.10
15	256QAM	1	0	18.10	18.26	18.33	20.10
15	256QAM	1	37	18.10	18.28	18.33	20.10
15	256QAM	1	74	18.16	18.35	18.33	20.10
15	256QAM	36	0	18.10	18.21	18.22	20.10
15	256QAM	36	20	18.10	18.21	18.15	20.10
15	256QAM	36	39	18.10	18.40	18.22	20.10
15	256QAM	75	0	18.11	18.26	18.28	20.10
Channel				20000	20175	20350	Tune-up limit
Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	23.10	23.30	23.19	25.10
10	QPSK	1	25	23.14	23.17	23.21	25.10
10	QPSK	1	49	23.12	23.24	23.10	25.10
10	QPSK	25	0	22.15	22.27	22.14	24.10
10	QPSK	25	12	22.15	22.27	22.28	24.10
10	QPSK	25	25	22.12	22.27	22.31	24.10
10	QPSK	50	0	22.10	22.28	22.35	24.10
10	16QAM	1	0	22.16	22.33	22.22	24.10
10	16QAM	1	25	22.40	22.34	22.19	24.10
10	16QAM	1	49	22.12	22.31	22.31	24.10
10	16QAM	25	0	21.19	21.42	21.19	23.10
10	16QAM	25	12	21.12	21.34	21.21	23.10
10	16QAM	25	25	21.17	21.25	21.15	23.10
10	16QAM	50	0	21.10	21.33	21.22	23.10
10	64QAM	1	0	21.10	21.32	21.22	23.10
10	64QAM	1	25	21.16	21.39	21.11	23.10
10	64QAM	1	49	21.26	21.31	21.26	23.10
10	64QAM	25	0	20.12	20.37	20.25	22.10
10	64QAM	25	12	20.28	20.41	20.18	22.10
10	64QAM	25	25	20.12	20.44	20.29	22.10
10	64QAM	50	0	20.16	20.42	20.22	22.10
10	256QAM	1	0	18.11	18.38	18.28	20.10
10	256QAM	1	25	18.20	18.23	18.28	20.10
10	256QAM	1	49	18.13	18.22	18.31	20.10
10	256QAM	25	0	18.15	18.25	18.17	20.10
10	256QAM	25	12	18.11	18.19	18.12	20.10
10	256QAM	25	25	18.17	18.31	18.15	20.10
10	256QAM	50	0	18.10	18.32	18.23	20.10
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	23.18	23.36	23.13	25.10
5	QPSK	1	12	23.13	23.22	23.28	25.10
5	QPSK	1	24	23.10	23.22	23.12	25.10
5	QPSK	12	0	22.19	22.37	22.17	24.10
5	QPSK	12	7	22.14	22.27	22.28	24.10
5	QPSK	12	13	22.11	22.25	22.42	24.10
5	QPSK	25	0	22.10	22.34	22.28	24.10
5	16QAM	1	0	22.17	22.31	22.29	24.10
5	16QAM	1	12	22.42	22.39	22.25	24.10
5	16QAM	1	24	22.12	22.40	22.29	24.10
5	16QAM	12	0	21.16	21.36	21.18	23.10
5	16QAM	12	7	21.13	21.34	21.32	23.10
5	16QAM	12	13	21.21	21.26	21.11	23.10
5	16QAM	25	0	21.11	21.21	21.22	23.10
5	64QAM	1	0	21.10	21.41	21.24	23.10
5	64QAM	1	12	21.11	21.41	21.10	23.10
5	64QAM	1	24	21.17	21.28	21.22	23.10
5	64QAM	12	0	20.10	20.37	20.28	22.10
5	64QAM	12	7	20.18	20.42	20.19	22.10
5	64QAM	12	13	20.11	20.42	20.35	22.10
5	64QAM	25	0	20.12	20.35	20.24	22.10
5	256QAM	1	0	18.10	18.33	18.34	20.10
5	256QAM	1	12	18.10	18.27	18.37	20.10

5	256QAM	1	24	18.10	18.27	18.35	20.10
5	256QAM	12	0	18.14	18.29	18.20	20.10
5	256QAM	12	7	18.10	18.19	18.22	20.10
5	256QAM	12	13	18.17	18.39	18.20	20.10
5	256QAM	25	0	18.10	18.37	18.29	20.10
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	23.10	23.30	23.10	25.10
3	QPSK	1	8	23.22	23.26	23.25	25.10
3	QPSK	1	14	23.11	23.16	23.11	25.10
3	QPSK	8	0	22.10	22.28	22.26	24.10
3	QPSK	8	4	22.10	22.26	22.29	24.10
3	QPSK	8	7	22.10	22.25	22.32	24.10
3	QPSK	15	0	22.10	22.28	22.36	24.10
3	16QAM	1	0	22.10	22.34	22.22	24.10
3	16QAM	1	8	22.38	22.33	22.19	24.10
3	16QAM	1	14	22.19	22.43	22.30	24.10
3	16QAM	8	0	21.12	21.38	21.20	23.10
3	16QAM	8	4	21.18	21.34	21.26	23.10
3	16QAM	8	7	21.23	21.36	21.17	23.10
3	16QAM	15	0	21.11	21.32	21.23	23.10
3	64QAM	1	0	21.10	21.37	21.34	23.10
3	64QAM	1	8	21.10	21.41	21.11	23.10
3	64QAM	1	14	21.19	21.30	21.19	23.10
3	64QAM	8	0	20.10	20.43	20.35	22.10
3	64QAM	8	4	20.20	20.44	20.20	22.10
3	64QAM	8	7	20.10	20.43	20.26	22.10
3	64QAM	15	0	20.18	20.33	20.30	22.10
3	256QAM	1	0	18.11	18.34	18.25	20.10
3	256QAM	1	8	18.11	18.23	18.36	20.10
3	256QAM	1	14	18.11	18.34	18.41	20.10
3	256QAM	8	0	18.18	18.27	18.17	20.10
3	256QAM	8	4	18.10	18.26	18.22	20.10
3	256QAM	8	7	18.12	18.37	18.20	20.10
3	256QAM	15	0	18.10	18.31	18.21	20.10
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	23.14	23.27	23.11	25.10
1.4	QPSK	1	3	23.17	23.16	23.28	25.10
1.4	QPSK	1	5	23.10	23.22	23.12	25.10
1.4	QPSK	3	0	23.18	23.37	23.26	25.10
1.4	QPSK	3	1	23.11	23.31	23.32	25.10
1.4	QPSK	3	3	23.12	23.22	23.39	25.10
1.4	QPSK	6	0	22.10	22.23	22.34	24.10
1.4	16QAM	1	0	22.11	22.28	22.19	24.10
1.4	16QAM	1	3	22.34	22.31	22.24	24.10
1.4	16QAM	1	5	22.11	22.40	22.19	24.10
1.4	16QAM	3	0	22.11	22.40	22.19	24.10
1.4	16QAM	3	1	22.10	22.24	22.21	24.10
1.4	16QAM	3	3	22.18	22.29	22.14	24.10
1.4	16QAM	6	0	21.12	21.32	21.29	23.10
1.4	64QAM	1	0	21.10	21.31	21.22	23.10
1.4	64QAM	1	3	21.11	21.36	21.10	23.10
1.4	64QAM	1	5	21.17	21.30	21.24	23.10
1.4	64QAM	3	0	21.11	21.43	21.35	23.10
1.4	64QAM	3	1	21.21	21.44	21.15	23.10
1.4	64QAM	3	3	21.12	21.41	21.27	23.10
1.4	64QAM	6	0	20.11	20.42	20.35	22.10
1.4	256QAM	1	0	18.10	18.25	18.32	20.10
1.4	256QAM	1	3	18.15	18.24	18.35	20.10
1.4	256QAM	1	5	18.14	18.30	18.29	20.10
1.4	256QAM	3	0	18.11	18.30	18.26	20.10
1.4	256QAM	3	1	18.10	18.27	18.15	20.10
1.4	256QAM	3	3	18.12	18.29	18.17	20.10
1.4	256QAM	6	0	18.11	18.31	18.19	20.10

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	14.10	14.48	14.34	16.00
20	QPSK	1	49	14.16	14.39	14.25	16.00
20	QPSK	1	99	14.20	14.28	14.36	16.00
20	QPSK	50	0	14.15	14.40	14.28	16.00
20	QPSK	50	24	14.25	14.24	14.23	16.00
20	QPSK	50	50	14.20	14.36	14.20	16.00
20	QPSK	100	0	14.16	14.38	14.30	16.00
20	16QAM	1	0	14.16	14.29	14.30	16.00
20	16QAM	1	49	14.15	14.28	14.23	16.00
20	16QAM	1	99	14.21	14.32	14.32	16.00
20	16QAM	50	0	14.24	14.23	14.23	16.00
20	16QAM	50	24	14.17	14.29	14.27	16.00
20	16QAM	50	50	14.23	14.28	14.27	16.00
20	16QAM	100	0	14.15	14.27	14.31	16.00
20	64QAM	1	0	14.24	14.23	14.34	16.00
20	64QAM	1	49	14.13	14.37	14.26	16.00
20	64QAM	1	99	14.19	14.29	14.30	16.00
20	64QAM	50	0	14.18	14.39	14.31	16.00
20	64QAM	50	24	14.11	14.32	14.27	16.00
20	64QAM	50	50	14.08	14.29	14.35	16.00
20	64QAM	100	0	14.24	14.29	14.21	16.00
20	256QAM	1	0	14.20	14.40	14.28	16.00
20	256QAM	1	49	14.11	14.39	14.28	16.00
20	256QAM	1	99	14.19	14.23	14.16	16.00
20	256QAM	50	0	14.24	14.35	14.37	16.00
20	256QAM	50	24	14.10	14.36	14.32	16.00
20	256QAM	50	50	14.11	14.29	14.39	16.00
20	256QAM	100	0	14.21	14.29	14.30	16.00
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	14.05	14.39	14.33	16.00
15	QPSK	1	37	14.04	14.33	14.18	16.00
15	QPSK	1	74	14.09	14.14	14.33	16.00
15	QPSK	36	0	14.12	14.39	14.22	16.00
15	QPSK	36	20	14.12	14.10	14.14	16.00
15	QPSK	36	39	14.15	14.24	14.08	16.00
15	QPSK	75	0	14.07	14.29	14.26	16.00
15	16QAM	1	0	14.06	14.26	14.17	16.00
15	16QAM	1	37	14.12	14.14	14.17	16.00
15	16QAM	1	74	14.11	14.25	14.24	16.00
15	16QAM	36	0	14.17	14.14	14.21	16.00
15	16QAM	36	20	14.13	14.22	14.15	16.00
15	16QAM	36	39	14.09	14.19	14.15	16.00
15	16QAM	75	0	14.01	14.22	14.19	16.00
15	64QAM	1	0	14.21	14.19	14.27	16.00
15	64QAM	1	37	14.02	14.30	14.16	16.00
15	64QAM	1	74	14.08	14.25	14.20	16.00
15	64QAM	36	0	14.04	14.33	14.16	16.00
15	64QAM	36	20	14.03	14.22	14.24	16.00
15	64QAM	36	39	14.00	14.14	14.26	16.00
15	64QAM	75	0	14.20	14.23	14.07	16.00
15	256QAM	1	0	14.15	14.36	14.17	16.00
15	256QAM	1	37	14.01	14.27	14.25	16.00
15	256QAM	1	74	14.04	14.09	14.06	16.00
15	256QAM	36	0	14.15	14.25	14.26	16.00
15	256QAM	36	20	14.00	14.32	14.19	16.00
15	256QAM	36	39	14.00	14.27	14.34	16.00
15	256QAM	75	0	14.13	14.15	14.15	16.00
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	14.00	14.35	14.23	16.00
10	QPSK	1	25	14.08	14.36	14.15	16.00
10	QPSK	1	49	14.10	14.24	14.26	16.00
10	QPSK	25	0	14.03	14.35	14.20	16.00
10	QPSK	25	12	14.14	14.13	14.14	16.00
10	QPSK	25	25	14.17	14.23	14.10	16.00
10	QPSK	50	0	14.03	14.27	14.16	16.00
10	16QAM	1	0	14.05	14.24	14.26	16.00
10	16QAM	1	25	14.08	14.17	14.13	16.00

10	16QAM	1	49	14.07	14.30	14.21	16.00
10	16QAM	25	0	14.22	14.17	14.10	16.00
10	16QAM	25	12	14.16	14.23	14.15	16.00
10	16QAM	25	25	14.15	14.23	14.18	16.00
10	16QAM	50	0	14.13	14.18	14.28	16.00
10	64QAM	1	0	14.14	14.11	14.25	16.00
10	64QAM	1	25	14.00	14.24	14.15	16.00
10	64QAM	1	49	14.12	14.17	14.24	16.00
10	64QAM	25	0	14.15	14.27	14.21	16.00
10	64QAM	25	12	14.02	14.21	14.15	16.00
10	64QAM	25	25	14.01	14.21	14.30	16.00
10	64QAM	50	0	14.19	14.16	14.08	16.00
10	256QAM	1	0	14.16	14.31	14.18	16.00
10	256QAM	1	25	14.03	14.31	14.23	16.00
10	256QAM	1	49	14.17	14.14	14.02	16.00
10	256QAM	25	0	14.20	14.30	14.23	16.00
10	256QAM	25	12	14.02	14.26	14.27	16.00
10	256QAM	25	25	14.00	14.18	14.24	16.00
10	256QAM	50	0	14.17	14.16	14.22	16.00
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	14.02	14.44	14.27	16.00
5	QPSK	1	12	14.14	14.28	14.16	16.00
5	QPSK	1	24	14.08	14.16	14.33	16.00
5	QPSK	12	0	14.04	14.39	14.16	16.00
5	QPSK	12	7	14.20	14.22	14.20	16.00
5	QPSK	12	13	14.06	14.27	14.10	16.00
5	QPSK	25	0	14.01	14.31	14.25	16.00
5	16QAM	1	0	14.15	14.15	14.22	16.00
5	16QAM	1	12	14.06	14.19	14.19	16.00
5	16QAM	1	24	14.12	14.24	14.20	16.00
5	16QAM	12	0	14.22	14.15	14.17	16.00
5	16QAM	12	7	14.14	14.15	14.18	16.00
5	16QAM	12	13	14.16	14.23	14.13	16.00
5	16QAM	25	0	14.04	14.13	14.17	16.00
5	64QAM	1	0	14.14	14.15	14.33	16.00
5	64QAM	1	12	14.07	14.35	14.21	16.00
5	64QAM	1	24	14.06	14.20	14.22	16.00
5	64QAM	12	0	14.08	14.35	14.20	16.00
5	64QAM	12	7	14.06	14.17	14.16	16.00
5	64QAM	12	13	14.06	14.25	14.30	16.00
5	64QAM	25	0	14.19	14.27	14.10	16.00
5	256QAM	1	0	14.19	14.35	14.14	16.00
5	256QAM	1	12	14.03	14.31	14.26	16.00
5	256QAM	1	24	14.12	14.22	14.12	16.00
5	256QAM	12	0	14.11	14.20	14.26	16.00
5	256QAM	12	7	14.06	14.27	14.20	16.00
5	256QAM	12	13	14.05	14.20	14.34	16.00
5	256QAM	25	0	14.10	14.19	14.22	16.00
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	14.00	14.46	14.25	16.00
3	QPSK	1	8	14.06	14.31	14.23	16.00
3	QPSK	1	14	14.16	14.26	14.25	16.00
3	QPSK	8	0	14.14	14.39	14.23	16.00
3	QPSK	8	4	14.11	14.11	14.18	16.00
3	QPSK	8	7	14.15	14.35	14.08	16.00
3	QPSK	15	0	14.14	14.28	14.21	16.00
3	16QAM	1	0	14.07	14.26	14.26	16.00
3	16QAM	1	8	14.08	14.22	14.11	16.00
3	16QAM	1	14	14.19	14.28	14.26	16.00
3	16QAM	8	0	14.16	14.09	14.16	16.00
3	16QAM	8	4	14.08	14.24	14.24	16.00
3	16QAM	8	7	14.18	14.23	14.21	16.00
3	16QAM	15	0	14.05	14.19	14.29	16.00
3	64QAM	1	0	14.16	14.18	14.32	16.00
3	64QAM	1	8	14.09	14.35	14.23	16.00
3	64QAM	1	14	14.09	14.20	14.25	16.00
3	64QAM	8	0	14.11	14.29	14.18	16.00
3	64QAM	8	4	14.04	14.19	14.24	16.00
3	64QAM	8	7	14.00	14.21	14.27	16.00
3	64QAM	15	0	14.12	14.20	14.14	16.00
3	256QAM	1	0	14.16	14.39	14.21	16.00
3	256QAM	1	8	14.04	14.33	14.24	16.00
3	256QAM	1	14	14.06	14.14	14.06	16.00
3	256QAM	8	0	14.18	14.32	14.32	16.00
3	256QAM	8	4	14.09	14.27	14.27	16.00
3	256QAM	8	7	14.02	14.21	14.27	16.00

3	256QAM	15	0	14.09	14.15	14.28	16.00
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	14.08	14.43	14.21	16.00
1.4	QPSK	1	3	14.15	14.38	14.12	16.00
1.4	QPSK	1	5	14.09	14.16	14.28	16.00
1.4	QPSK	3	0	14.07	14.31	14.26	16.00
1.4	QPSK	3	1	14.24	14.13	14.10	16.00
1.4	QPSK	3	3	14.11	14.31	14.13	16.00
1.4	QPSK	6	0	14.01	14.34	14.26	16.00
1.4	16QAM	1	0	14.11	14.23	14.25	16.00
1.4	16QAM	1	3	14.06	14.27	14.14	16.00
1.4	16QAM	1	5	14.07	14.21	14.29	16.00
1.4	16QAM	3	0	14.18	14.09	14.10	16.00
1.4	16QAM	3	1	14.14	14.16	14.25	16.00
1.4	16QAM	3	3	14.17	14.22	14.19	16.00
1.4	16QAM	6	0	14.13	14.13	14.28	16.00
1.4	64QAM	1	0	14.22	14.08	14.20	16.00
1.4	64QAM	1	3	14.11	14.30	14.21	16.00
1.4	64QAM	1	5	14.07	14.19	14.29	16.00
1.4	64QAM	3	0	14.10	14.38	14.28	16.00
1.4	64QAM	3	1	14.01	14.28	14.14	16.00
1.4	64QAM	3	3	14.00	14.24	14.24	16.00
1.4	64QAM	6	0	14.18	14.24	14.12	16.00
1.4	256QAM	1	0	14.14	14.33	14.13	16.00
1.4	256QAM	1	3	14.07	14.24	14.22	16.00
1.4	256QAM	1	5	14.13	14.12	14.08	16.00
1.4	256QAM	3	0	14.10	14.33	14.35	16.00
1.4	256QAM	3	1	14.04	14.30	14.27	16.00
1.4	256QAM	3	3	14.00	14.17	14.34	16.00
1.4	256QAM	6	0	14.17	14.21	14.23	16.00

【LTE Band 4_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				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	24.01	24.03	23.98	25.10
20	QPSK	1	49	23.91	23.91	23.84	25.10
20	QPSK	1	99	23.98	23.99	23.92	25.10
20	QPSK	50	0	22.98	23.07	22.97	24.10
20	QPSK	50	24	23.02	23.03	22.95	24.10
20	QPSK	50	50	23.05	23.03	22.98	24.10
20	QPSK	100	0	23.02	23.01	23.02	24.10
20	16QAM	1	0	23.00	23.03	22.94	24.10
20	16QAM	1	49	23.01	22.99	23.01	24.10
20	16QAM	1	99	23.06	23.01	23.04	24.10
20	16QAM	50	0	22.00	22.05	21.99	23.10
20	16QAM	50	24	22.00	22.03	22.01	23.10
20	16QAM	50	50	21.96	22.06	21.97	23.10
20	16QAM	100	0	22.00	21.98	22.05	23.10
20	64QAM	1	0	22.01	22.02	22.01	23.10
20	64QAM	1	49	22.03	21.99	21.98	23.10
20	64QAM	1	99	22.02	22.02	21.96	23.10
20	64QAM	50	0	20.97	20.99	21.04	22.10
20	64QAM	50	24	20.99	20.99	20.95	22.10
20	64QAM	50	50	20.97	21.06	20.97	22.10
20	64QAM	100	0	21.08	21.00	20.93	22.10
20	256QAM	1	0	19.06	19.05	19.01	20.10
20	256QAM	1	49	19.06	19.03	18.96	20.10
20	256QAM	1	99	19.01	19.04	18.94	20.10
20	256QAM	50	0	19.07	19.00	18.97	20.10
20	256QAM	50	24	19.04	19.02	18.98	20.10
20	256QAM	50	50	19.07	18.99	18.96	20.10
20	256QAM	100	0	19.02	18.99	18.97	20.10
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	23.94	23.92	23.90	25.10
15	QPSK	1	37	23.78	23.85	23.73	25.10
15	QPSK	1	74	23.92	23.91	23.90	25.10
15	QPSK	36	0	22.87	23.06	22.83	24.10
15	QPSK	36	20	22.91	23.02	22.88	24.10

15	QPSK	36	39	22.95	22.92	22.89	24.10
15	QPSK	75	0	22.90	22.87	22.99	24.10
15	16QAM	1	0	22.87	22.92	22.86	24.10
15	16QAM	1	37	22.87	22.85	22.97	24.10
15	16QAM	1	74	22.99	22.94	23.03	24.10
15	16QAM	36	0	21.90	21.92	21.89	23.10
15	16QAM	36	20	21.93	22.01	21.88	23.10
15	16QAM	36	39	21.82	21.97	21.94	23.10
15	16QAM	75	0	21.95	21.90	21.93	23.10
15	64QAM	1	0	21.87	22.01	21.95	23.10
15	64QAM	1	37	21.89	21.96	21.94	23.10
15	64QAM	1	74	21.92	21.91	21.95	23.10
15	64QAM	36	0	20.85	20.96	20.96	22.10
15	64QAM	36	20	20.97	20.96	20.89	22.10
15	64QAM	36	39	20.89	21.02	20.91	22.10
15	64QAM	75	0	21.04	20.89	20.78	22.10
15	256QAM	1	0	19.01	18.91	18.90	20.10
15	256QAM	1	37	18.94	18.99	18.86	20.10
15	256QAM	1	74	18.92	18.91	18.83	20.10
15	256QAM	36	0	19.03	18.94	18.86	20.10
15	256QAM	36	20	19.01	18.95	18.85	20.10
15	256QAM	36	39	18.94	18.97	18.94	20.10
15	256QAM	75	0	18.87	18.92	18.94	20.10
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	24.00	23.94	23.85	25.10
10	QPSK	1	25	23.87	23.83	23.77	25.10
10	QPSK	1	49	23.93	23.90	23.87	25.10
10	QPSK	25	0	22.91	23.03	22.91	24.10
10	QPSK	25	12	22.95	22.98	22.82	24.10
10	QPSK	25	25	22.95	22.91	22.95	24.10
10	QPSK	50	0	22.92	22.86	22.95	24.10
10	16QAM	1	0	22.86	22.92	22.84	24.10
10	16QAM	1	25	22.91	22.88	22.97	24.10
10	16QAM	1	49	22.97	22.99	22.95	24.10
10	16QAM	25	0	21.88	21.90	21.95	23.10
10	16QAM	25	12	21.86	22.02	21.96	23.10
10	16QAM	25	25	21.85	21.99	21.92	23.10
10	16QAM	50	0	21.96	21.93	21.90	23.10
10	64QAM	1	0	21.92	21.92	21.94	23.10
10	64QAM	1	25	21.91	21.93	21.90	23.10
10	64QAM	1	49	22.00	21.90	21.84	23.10
10	64QAM	25	0	20.89	20.92	20.95	22.10
10	64QAM	25	12	20.96	20.97	20.93	22.10
10	64QAM	25	25	20.90	21.04	20.88	22.10
10	64QAM	50	0	20.93	20.94	20.82	22.10
10	256QAM	1	0	18.94	18.97	18.91	20.10
10	256QAM	1	25	18.96	18.89	18.89	20.10
10	256QAM	1	49	18.99	18.98	18.86	20.10
10	256QAM	25	0	19.02	18.95	18.94	20.10
10	256QAM	25	12	18.91	18.94	18.89	20.10
10	256QAM	25	25	18.94	18.88	18.88	20.10
10	256QAM	50	0	18.93	18.95	18.89	20.10
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	23.98	24.01	23.93	25.10
5	QPSK	1	12	23.80	23.86	23.74	25.10
5	QPSK	1	24	23.92	23.95	23.89	25.10
5	QPSK	12	0	22.92	23.02	22.90	24.10
5	QPSK	12	7	22.95	22.99	22.84	24.10
5	QPSK	12	13	22.92	22.90	22.96	24.10
5	QPSK	25	0	22.97	23.00	22.99	24.10
5	16QAM	1	0	22.88	22.90	22.80	24.10
5	16QAM	1	12	22.92	22.88	22.87	24.10
5	16QAM	1	24	22.92	23.00	22.95	24.10
5	16QAM	12	0	21.89	22.02	21.92	23.10
5	16QAM	12	7	21.96	21.98	21.87	23.10
5	16QAM	12	13	21.88	21.92	21.93	23.10
5	16QAM	25	0	21.89	21.93	22.01	23.10
5	64QAM	1	0	21.97	21.93	21.92	23.10
5	64QAM	1	12	21.94	21.97	21.83	23.10
5	64QAM	1	24	21.89	21.97	21.89	23.10
5	64QAM	12	0	20.93	20.94	20.99	22.10
5	64QAM	12	7	20.84	20.92	20.91	22.10
5	64QAM	12	13	20.89	20.96	20.92	22.10
5	64QAM	25	0	20.99	20.89	20.86	22.10
5	256QAM	1	0	18.97	19.04	18.94	20.10
5	256QAM	1	12	19.03	18.89	18.90	20.10

5	256QAM	1	24	18.91	18.94	18.82	20.10
5	256QAM	12	0	19.05	18.94	18.94	20.10
5	256QAM	12	7	18.93	18.89	18.88	20.10
5	256QAM	12	13	18.96	18.89	18.85	20.10
5	256QAM	25	0	18.89	18.88	18.95	20.10
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	23.98	23.93	23.95	25.10
3	QPSK	1	8	23.87	23.79	23.80	25.10
3	QPSK	1	14	23.86	23.87	23.82	25.10
3	QPSK	8	0	22.91	23.06	22.91	24.10
3	QPSK	8	4	22.96	22.93	22.90	24.10
3	QPSK	8	7	23.03	22.94	22.84	24.10
3	QPSK	15	0	22.94	22.92	22.89	24.10
3	16QAM	1	0	22.87	22.99	22.87	24.10
3	16QAM	1	8	22.98	22.85	22.89	24.10
3	16QAM	1	14	23.04	22.95	23.02	24.10
3	16QAM	8	0	21.87	22.02	21.88	23.10
3	16QAM	8	4	21.92	21.89	21.95	23.10
3	16QAM	8	7	21.82	21.96	21.86	23.10
3	16QAM	15	0	21.89	21.91	21.96	23.10
3	64QAM	1	0	21.94	21.87	21.90	23.10
3	64QAM	1	8	21.94	21.89	21.96	23.10
3	64QAM	1	14	21.93	21.90	21.88	23.10
3	64QAM	8	0	20.92	20.91	20.92	22.10
3	64QAM	8	4	20.92	20.92	20.91	22.10
3	64QAM	8	7	20.87	20.99	20.87	22.10
3	64QAM	15	0	20.95	20.90	20.79	22.10
3	256QAM	1	0	19.01	19.00	18.88	20.10
3	256QAM	1	8	18.93	18.98	18.90	20.10
3	256QAM	1	14	18.89	19.01	18.79	20.10
3	256QAM	8	0	18.93	18.85	18.93	20.10
3	256QAM	8	4	18.96	18.89	18.89	20.10
3	256QAM	8	7	18.99	18.96	18.84	20.10
3	256QAM	15	0	18.91	18.94	18.94	20.10
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	23.90	23.99	23.94	25.10
1.4	QPSK	1	3	23.88	23.89	23.76	25.10
1.4	QPSK	1	5	23.91	23.90	23.86	25.10
1.4	QPSK	3	0	23.85	24.04	23.86	25.10
1.4	QPSK	3	1	24.00	23.97	23.93	25.10
1.4	QPSK	3	3	24.00	23.92	23.94	25.10
1.4	QPSK	6	0	23.01	22.90	22.97	24.10
1.4	16QAM	1	0	22.92	23.00	22.85	24.10
1.4	16QAM	1	3	22.90	22.90	22.86	24.10
1.4	16QAM	1	5	22.92	22.92	22.90	24.10
1.4	16QAM	3	0	22.88	23.01	22.94	24.10
1.4	16QAM	3	1	22.89	22.98	22.93	24.10
1.4	16QAM	3	3	22.88	23.02	22.86	24.10
1.4	16QAM	6	0	21.86	21.94	21.95	23.10
1.4	64QAM	1	0	21.88	21.96	21.98	23.10
1.4	64QAM	1	3	21.90	21.96	21.93	23.10
1.4	64QAM	1	5	21.93	21.90	21.83	23.10
1.4	64QAM	3	0	21.87	21.88	22.01	23.10
1.4	64QAM	3	1	21.89	21.87	21.82	23.10
1.4	64QAM	3	3	21.90	21.96	21.83	23.10
1.4	64QAM	6	0	20.98	20.96	20.81	22.10
1.4	256QAM	1	0	18.92	18.92	18.89	20.10
1.4	256QAM	1	3	19.03	18.93	18.88	20.10
1.4	256QAM	1	5	18.89	18.97	18.88	20.10
1.4	256QAM	3	0	18.96	18.85	18.89	20.10
1.4	256QAM	3	1	18.95	18.99	18.88	20.10
1.4	256QAM	3	3	19.02	18.86	18.93	20.10
1.4	256QAM	6	0	18.95	18.91	18.84	20.10

【LTE Band 4_Ant 5_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	24.01	24.03	23.98	25.10
20	QPSK	1	49	23.91	23.91	23.84	25.10
20	QPSK	1	99	23.98	23.99	23.92	25.10
20	QPSK	50	0	22.98	23.07	22.97	24.10
20	QPSK	50	24	23.02	23.03	22.95	24.10
20	QPSK	50	50	23.05	23.03	22.98	24.10
20	QPSK	100	0	23.02	23.01	23.02	24.10
20	16QAM	1	0	23.00	23.03	22.94	24.10
20	16QAM	1	49	23.01	22.99	23.01	24.10
20	16QAM	1	99	23.06	23.01	23.04	24.10
20	16QAM	50	0	22.00	22.05	21.99	23.10
20	16QAM	50	24	22.00	22.03	22.01	23.10
20	16QAM	50	50	21.96	22.06	21.97	23.10
20	16QAM	100	0	22.00	21.98	22.05	23.10
20	64QAM	1	0	22.01	22.02	22.01	23.10
20	64QAM	1	49	22.03	21.99	21.98	23.10
20	64QAM	1	99	22.02	22.02	21.96	23.10
20	64QAM	50	0	20.97	20.99	21.04	22.10
20	64QAM	50	24	20.99	20.99	20.95	22.10
20	64QAM	50	50	20.97	21.06	20.97	22.10
20	64QAM	100	0	21.08	21.00	20.93	22.10
20	256QAM	1	0	19.06	19.05	19.01	20.10
20	256QAM	1	49	19.06	19.03	18.96	20.10
20	256QAM	1	99	19.01	19.04	18.94	20.10
20	256QAM	50	0	19.07	19.00	18.97	20.10
20	256QAM	50	24	19.04	19.02	18.98	20.10
20	256QAM	50	50	19.07	18.99	18.96	20.10
20	256QAM	100	0	19.02	18.99	18.97	20.10
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	23.94	23.92	23.90	25.10
15	QPSK	1	37	23.78	23.85	23.73	25.10
15	QPSK	1	74	23.92	23.91	23.90	25.10
15	QPSK	36	0	22.87	23.06	22.83	24.10
15	QPSK	36	20	22.91	23.02	22.88	24.10
15	QPSK	36	39	22.95	22.92	22.89	24.10
15	QPSK	75	0	22.90	22.87	22.99	24.10
15	16QAM	1	0	22.87	22.92	22.86	24.10
15	16QAM	1	37	22.87	22.85	22.97	24.10
15	16QAM	1	74	22.99	22.94	23.03	24.10
15	16QAM	36	0	21.90	21.92	21.89	23.10
15	16QAM	36	20	21.93	22.01	21.88	23.10
15	16QAM	36	39	21.82	21.97	21.94	23.10
15	16QAM	75	0	21.95	21.90	21.93	23.10
15	64QAM	1	0	21.87	22.01	21.95	23.10
15	64QAM	1	37	21.89	21.96	21.94	23.10
15	64QAM	1	74	21.92	21.91	21.95	23.10
15	64QAM	36	0	20.85	20.96	20.96	22.10
15	64QAM	36	20	20.97	20.96	20.89	22.10
15	64QAM	36	39	20.89	21.02	20.91	22.10
15	64QAM	75	0	21.04	20.89	20.78	22.10
15	256QAM	1	0	19.01	18.91	18.90	20.10
15	256QAM	1	37	18.94	18.99	18.86	20.10
15	256QAM	1	74	18.92	18.91	18.83	20.10
15	256QAM	36	0	19.03	18.94	18.86	20.10
15	256QAM	36	20	19.01	18.95	18.85	20.10
15	256QAM	36	39	18.94	18.97	18.94	20.10
15	256QAM	75	0	18.87	18.92	18.94	20.10
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	24.00	23.94	23.85	25.10
10	QPSK	1	25	23.87	23.83	23.77	25.10
10	QPSK	1	49	23.93	23.90	23.87	25.10
10	QPSK	25	0	22.91	23.03	22.91	24.10
10	QPSK	25	12	22.95	22.98	22.82	24.10
10	QPSK	25	25	22.95	22.91	22.95	24.10
10	QPSK	50	0	22.92	22.86	22.95	24.10
10	16QAM	1	0	22.86	22.92	22.84	24.10
10	16QAM	1	25	22.91	22.88	22.97	24.10

10	16QAM	1	49	22.97	22.99	22.95	24.10
10	16QAM	25	0	21.88	21.90	21.95	23.10
10	16QAM	25	12	21.86	22.02	21.96	23.10
10	16QAM	25	25	21.85	21.99	21.92	23.10
10	16QAM	50	0	21.96	21.93	21.90	23.10
10	64QAM	1	0	21.92	21.92	21.94	23.10
10	64QAM	1	25	21.91	21.93	21.90	23.10
10	64QAM	1	49	22.00	21.90	21.84	23.10
10	64QAM	25	0	20.89	20.92	20.95	22.10
10	64QAM	25	12	20.96	20.97	20.93	22.10
10	64QAM	25	25	20.90	21.04	20.88	22.10
10	64QAM	50	0	20.93	20.94	20.82	22.10
10	256QAM	1	0	18.94	18.97	18.91	20.10
10	256QAM	1	25	18.96	18.89	18.89	20.10
10	256QAM	1	49	18.99	18.98	18.86	20.10
10	256QAM	25	0	19.02	18.95	18.94	20.10
10	256QAM	25	12	18.91	18.94	18.89	20.10
10	256QAM	25	25	18.94	18.88	18.88	20.10
10	256QAM	50	0	18.93	18.95	18.89	20.10
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	23.98	24.01	23.93	25.10
5	QPSK	1	12	23.80	23.86	23.74	25.10
5	QPSK	1	24	23.92	23.95	23.89	25.10
5	QPSK	12	0	22.92	23.02	22.90	24.10
5	QPSK	12	7	22.95	22.99	22.84	24.10
5	QPSK	12	13	22.92	22.90	22.96	24.10
5	QPSK	25	0	22.97	23.00	22.99	24.10
5	16QAM	1	0	22.88	22.90	22.80	24.10
5	16QAM	1	12	22.92	22.88	22.87	24.10
5	16QAM	1	24	22.92	23.00	22.95	24.10
5	16QAM	12	0	21.89	22.02	21.92	23.10
5	16QAM	12	7	21.96	21.98	21.87	23.10
5	16QAM	12	13	21.88	21.92	21.93	23.10
5	16QAM	25	0	21.89	21.93	22.01	23.10
5	64QAM	1	0	21.97	21.93	21.92	23.10
5	64QAM	1	12	21.94	21.97	21.83	23.10
5	64QAM	1	24	21.89	21.97	21.89	23.10
5	64QAM	12	0	20.93	20.94	20.99	22.10
5	64QAM	12	7	20.84	20.92	20.91	22.10
5	64QAM	12	13	20.89	20.96	20.92	22.10
5	64QAM	25	0	20.99	20.89	20.86	22.10
5	256QAM	1	0	18.97	19.04	18.94	20.10
5	256QAM	1	12	19.03	18.89	18.90	20.10
5	256QAM	1	24	18.91	18.94	18.82	20.10
5	256QAM	12	0	19.05	18.94	18.94	20.10
5	256QAM	12	7	18.93	18.89	18.88	20.10
5	256QAM	12	13	18.96	18.89	18.85	20.10
5	256QAM	25	0	18.89	18.88	18.95	20.10
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	23.98	23.93	23.95	25.10
3	QPSK	1	8	23.87	23.79	23.80	25.10
3	QPSK	1	14	23.86	23.87	23.82	25.10
3	QPSK	8	0	22.91	23.06	22.91	24.10
3	QPSK	8	4	22.96	22.93	22.90	24.10
3	QPSK	8	7	23.03	22.94	22.84	24.10
3	QPSK	15	0	22.94	22.92	22.89	24.10
3	16QAM	1	0	22.87	22.99	22.87	24.10
3	16QAM	1	8	22.98	22.85	22.89	24.10
3	16QAM	1	14	23.04	22.95	23.02	24.10
3	16QAM	8	0	21.87	22.02	21.88	23.10
3	16QAM	8	4	21.92	21.89	21.95	23.10
3	16QAM	8	7	21.82	21.96	21.86	23.10
3	16QAM	15	0	21.89	21.91	21.96	23.10
3	64QAM	1	0	21.94	21.87	21.90	23.10
3	64QAM	1	8	21.94	21.89	21.96	23.10
3	64QAM	1	14	21.93	21.90	21.88	23.10
3	64QAM	8	0	20.92	20.91	20.92	22.10
3	64QAM	8	4	20.92	20.92	20.91	22.10
3	64QAM	8	7	20.87	20.99	20.87	22.10
3	64QAM	15	0	20.95	20.90	20.79	22.10
3	256QAM	1	0	19.01	19.00	18.88	20.10
3	256QAM	1	8	18.93	18.98	18.90	20.10
3	256QAM	1	14	18.89	19.01	18.79	20.10
3	256QAM	8	0	18.93	18.85	18.93	20.10
3	256QAM	8	4	18.96	18.89	18.89	20.10
3	256QAM	8	7	18.99	18.96	18.84	20.10

3	256QAM	15	0	18.91	18.94	18.94	20.10
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	23.90	23.99	23.94	25.10
1.4	QPSK	1	3	23.88	23.89	23.76	25.10
1.4	QPSK	1	5	23.91	23.90	23.86	25.10
1.4	QPSK	3	0	23.85	24.04	23.86	25.10
1.4	QPSK	3	1	24.00	23.97	23.93	25.10
1.4	QPSK	3	3	24.00	23.92	23.94	25.10
1.4	QPSK	6	0	23.01	22.90	22.97	24.10
1.4	16QAM	1	0	22.92	23.00	22.85	24.10
1.4	16QAM	1	3	22.90	22.90	22.86	24.10
1.4	16QAM	1	5	22.92	22.92	22.90	24.10
1.4	16QAM	3	0	22.88	23.01	22.94	24.10
1.4	16QAM	3	1	22.89	22.98	22.93	24.10
1.4	16QAM	3	3	22.88	23.02	22.86	24.10
1.4	16QAM	6	0	21.86	21.94	21.95	23.10
1.4	64QAM	1	0	21.88	21.96	21.98	23.10
1.4	64QAM	1	3	21.90	21.96	21.93	23.10
1.4	64QAM	1	5	21.93	21.90	21.83	23.10
1.4	64QAM	3	0	21.87	21.88	22.01	23.10
1.4	64QAM	3	1	21.89	21.87	21.82	23.10
1.4	64QAM	3	3	21.90	21.96	21.83	23.10
1.4	64QAM	6	0	20.98	20.96	20.81	22.10
1.4	256QAM	1	0	18.92	18.92	18.89	20.10
1.4	256QAM	1	3	19.03	18.93	18.88	20.10
1.4	256QAM	1	5	18.89	18.97	18.88	20.10
1.4	256QAM	3	0	18.96	18.85	18.89	20.10
1.4	256QAM	3	1	18.95	18.99	18.88	20.10
1.4	256QAM	3	3	19.02	18.86	18.93	20.10
1.4	256QAM	6	0	18.95	18.91	18.84	20.10

【LTE Band 4_Ant 5_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	16.08	16.18	16.03	17.70
20	QPSK	1	49	16.04	16.08	16.03	17.70
20	QPSK	1	99	16.01	16.05	16.00	17.70
20	QPSK	50	0	16.03	16.09	16.07	17.70
20	QPSK	50	24	15.91	16.02	16.00	17.70
20	QPSK	50	50	15.95	16.03	15.92	17.70
20	QPSK	100	0	15.91	16.05	15.90	17.70
20	16QAM	1	0	16.00	16.04	15.97	17.70
20	16QAM	1	49	15.94	16.02	16.00	17.70
20	16QAM	1	99	16.05	15.96	15.94	17.70
20	16QAM	50	0	16.02	16.07	16.06	17.70
20	16QAM	50	24	15.95	16.07	15.88	17.70
20	16QAM	50	50	16.00	16.03	15.97	17.70
20	16QAM	100	0	15.97	15.93	16.04	17.70
20	64QAM	1	0	16.02	15.94	15.97	17.70
20	64QAM	1	49	15.94	15.97	15.98	17.70
20	64QAM	1	99	16.00	16.13	15.91	17.70
20	64QAM	50	0	15.99	16.04	15.98	17.70
20	64QAM	50	24	16.02	16.07	15.97	17.70
20	64QAM	50	50	15.97	16.08	15.99	17.70
20	64QAM	100	0	15.99	16.01	16.01	17.70
20	256QAM	1	0	15.89	16.03	16.02	17.70
20	256QAM	1	49	15.97	16.07	15.98	17.70
20	256QAM	1	99	15.88	15.94	15.95	17.70
20	256QAM	50	0	15.93	16.13	15.85	17.70
20	256QAM	50	24	15.90	16.13	15.88	17.70
20	256QAM	50	50	15.91	16.06	15.86	17.70
20	256QAM	100	0	15.99	16.02	15.98	17.70
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	15.96	16.06	16.01	17.70
15	QPSK	1	37	15.95	16.05	15.98	17.70
15	QPSK	1	74	15.94	16.04	15.89	17.70
15	QPSK	36	0	15.96	16.06	15.97	17.70
15	QPSK	36	20	15.88	15.98	15.97	17.70

15	QPSK	36	39	15.89	15.99	15.86	17.70
15	QPSK	75	0	15.85	16.03	15.75	17.70
15	16QAM	1	0	15.96	15.98	15.93	17.70
15	16QAM	1	37	15.85	15.90	15.88	17.70
15	16QAM	1	74	16.00	15.90	15.84	17.70
15	16QAM	36	0	15.90	16.07	16.03	17.70
15	16QAM	36	20	15.89	16.05	15.84	17.70
15	16QAM	36	39	15.99	15.97	15.82	17.70
15	16QAM	75	0	15.95	15.82	16.02	17.70
15	64QAM	1	0	15.89	15.89	15.92	17.70
15	64QAM	1	37	15.80	15.87	15.93	17.70
15	64QAM	1	74	15.87	16.04	15.76	17.70
15	64QAM	36	0	15.92	16.00	15.89	17.70
15	64QAM	36	20	15.87	16.04	15.94	17.70
15	64QAM	36	39	15.95	16.00	15.84	17.70
15	64QAM	75	0	15.84	15.95	15.99	17.70
15	256QAM	1	0	15.75	15.93	15.96	17.70
15	256QAM	1	37	15.94	16.03	15.92	17.70
15	256QAM	1	74	15.80	15.83	15.94	17.70
15	256QAM	36	0	15.80	16.04	15.74	17.70
15	256QAM	36	20	15.80	16.08	15.79	17.70
15	256QAM	36	39	15.79	16.01	15.84	17.70
15	256QAM	75	0	15.87	15.97	15.89	17.70
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	16.05	16.15	15.91	17.70
10	QPSK	1	25	15.90	16.05	15.90	17.70
10	QPSK	1	49	15.89	16.01	15.98	17.70
10	QPSK	25	0	15.90	15.97	16.02	17.70
10	QPSK	25	12	15.80	15.95	15.95	17.70
10	QPSK	25	25	15.92	15.96	15.78	17.70
10	QPSK	50	0	15.86	15.95	15.80	17.70
10	16QAM	1	0	15.94	15.90	15.86	17.70
10	16QAM	1	25	15.93	15.88	15.90	17.70
10	16QAM	1	49	15.99	15.88	15.90	17.70
10	16QAM	25	0	15.92	16.06	15.99	17.70
10	16QAM	25	12	15.85	16.01	15.86	17.70
10	16QAM	25	25	15.85	16.00	15.88	17.70
10	16QAM	50	0	15.83	15.89	15.92	17.70
10	64QAM	1	0	15.90	15.92	15.96	17.70
10	64QAM	1	25	15.85	15.90	15.92	17.70
10	64QAM	1	49	15.91	16.05	15.76	17.70
10	64QAM	25	0	15.98	15.98	15.85	17.70
10	64QAM	25	12	15.93	15.98	15.95	17.70
10	64QAM	25	25	15.92	15.97	15.95	17.70
10	64QAM	50	0	15.93	15.95	16.00	17.70
10	256QAM	1	0	15.78	15.99	15.98	17.70
10	256QAM	1	25	15.82	16.02	15.85	17.70
10	256QAM	1	49	15.80	15.84	15.86	17.70
10	256QAM	25	0	15.90	16.01	15.72	17.70
10	256QAM	25	12	15.76	16.04	15.81	17.70
10	256QAM	25	25	15.77	15.98	15.79	17.70
10	256QAM	50	0	15.91	15.96	15.92	17.70
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	16.01	16.05	15.97	17.70
5	QPSK	1	12	15.99	15.94	15.92	17.70
5	QPSK	1	24	15.97	15.94	15.88	17.70
5	QPSK	12	0	15.95	16.02	15.97	17.70
5	QPSK	12	7	15.85	16.00	15.96	17.70
5	QPSK	12	13	15.84	15.91	15.83	17.70
5	QPSK	25	0	15.86	15.96	15.77	17.70
5	16QAM	1	0	15.98	15.92	15.88	17.70
5	16QAM	1	12	15.83	15.97	15.98	17.70
5	16QAM	1	24	15.91	15.88	15.81	17.70
5	16QAM	12	0	15.98	15.97	15.94	17.70
5	16QAM	12	7	15.87	16.03	15.86	17.70
5	16QAM	12	13	15.98	15.97	15.87	17.70
5	16QAM	25	0	15.92	15.87	16.02	17.70
5	64QAM	1	0	15.91	15.91	15.94	17.70
5	64QAM	1	12	15.82	15.88	15.96	17.70
5	64QAM	1	24	15.87	16.06	15.90	17.70
5	64QAM	12	0	15.85	15.97	15.88	17.70
5	64QAM	12	7	15.87	15.96	15.85	17.70
5	64QAM	12	13	15.84	16.02	15.88	17.70
5	64QAM	25	0	15.85	15.88	15.88	17.70
5	256QAM	1	0	15.76	15.93	16.00	17.70
5	256QAM	1	12	15.85	16.00	15.89	17.70

5	256QAM	1	24	15.83	15.91	15.91	17.70
5	256QAM	12	0	15.86	16.00	15.79	17.70
5	256QAM	12	7	15.88	15.98	15.81	17.70
5	256QAM	12	13	15.84	16.01	15.72	17.70
5	256QAM	25	0	15.94	15.95	15.93	17.70
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	16.00	16.05	15.91	17.70
3	QPSK	1	8	15.93	15.99	15.93	17.70
3	QPSK	1	14	15.89	15.94	15.89	17.70
3	QPSK	8	0	15.95	16.05	16.01	17.70
3	QPSK	8	4	15.88	16.00	15.86	17.70
3	QPSK	8	7	15.86	15.89	15.83	17.70
3	QPSK	15	0	15.78	15.94	15.76	17.70
3	16QAM	1	0	15.93	15.89	15.87	17.70
3	16QAM	1	8	15.85	15.92	15.98	17.70
3	16QAM	1	14	15.98	15.92	15.81	17.70
3	16QAM	8	0	15.90	16.05	15.97	17.70
3	16QAM	8	4	15.89	15.99	15.74	17.70
3	16QAM	8	7	15.97	15.90	15.94	17.70
3	16QAM	15	0	15.86	15.81	15.95	17.70
3	64QAM	1	0	15.92	15.88	15.88	17.70
3	64QAM	1	8	15.85	15.89	15.95	17.70
3	64QAM	1	14	15.87	16.00	15.90	17.70
3	64QAM	8	0	15.92	15.91	15.90	17.70
3	64QAM	8	4	15.89	15.95	15.88	17.70
3	64QAM	8	7	15.90	15.98	15.93	17.70
3	64QAM	15	0	15.93	15.98	15.99	17.70
3	256QAM	1	0	15.77	15.90	15.92	17.70
3	256QAM	1	8	15.89	16.00	15.95	17.70
3	256QAM	1	14	15.77	15.81	15.84	17.70
3	256QAM	8	0	15.82	16.07	15.80	17.70
3	256QAM	8	4	15.78	16.06	15.79	17.70
3	256QAM	8	7	15.88	15.99	15.74	17.70
3	256QAM	15	0	15.92	16.01	15.95	17.70
Channel				19957	20175	20393	Tune-up limit
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	15.99	16.08	15.99	17.70
1.4	QPSK	1	3	16.01	16.03	15.88	17.70
1.4	QPSK	1	5	15.88	15.99	15.93	17.70
1.4	QPSK	3	0	15.93	16.08	16.03	17.70
1.4	QPSK	3	1	15.86	15.91	15.97	17.70
1.4	QPSK	3	3	15.85	15.94	15.90	17.70
1.4	QPSK	6	0	15.84	15.94	15.85	17.70
1.4	16QAM	1	0	15.90	15.90	15.92	17.70
1.4	16QAM	1	3	15.82	15.90	15.87	17.70
1.4	16QAM	1	5	15.93	15.83	15.91	17.70
1.4	16QAM	3	0	15.98	15.97	15.99	17.70
1.4	16QAM	3	1	15.90	16.06	15.73	17.70
1.4	16QAM	3	3	15.85	15.97	15.87	17.70
1.4	16QAM	6	0	15.87	15.88	16.02	17.70
1.4	64QAM	1	0	16.01	15.88	15.93	17.70
1.4	64QAM	1	3	15.83	15.89	15.96	17.70
1.4	64QAM	1	5	15.87	16.06	15.90	17.70
1.4	64QAM	3	0	15.87	15.91	15.86	17.70
1.4	64QAM	3	1	15.90	16.04	15.93	17.70
1.4	64QAM	3	3	15.87	16.00	15.93	17.70
1.4	64QAM	6	0	15.94	15.90	15.93	17.70
1.4	256QAM	1	0	15.87	16.00	15.89	17.70
1.4	256QAM	1	3	15.88	16.00	15.87	17.70
1.4	256QAM	1	5	15.75	15.89	15.81	17.70
1.4	256QAM	3	0	15.82	16.00	15.72	17.70
1.4	256QAM	3	1	15.86	16.00	15.87	17.70
1.4	256QAM	3	3	15.84	15.95	15.75	17.70
1.4	256QAM	6	0	15.97	15.95	15.93	17.70

【LTE Band 5_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				20450	20525	20600	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	24.03	24.10	23.88	25.10
10	QPSK	1	25	23.94	23.94	23.94	25.10
10	QPSK	1	49	23.86	23.93	23.94	25.10
10	QPSK	25	0	22.85	23.15	23.02	24.10
10	QPSK	25	12	22.91	23.09	23.00	24.10
10	QPSK	25	25	22.84	23.10	23.04	24.10
10	QPSK	50	0	22.86	23.04	23.09	24.10
10	16QAM	1	0	22.90	23.12	23.02	24.10
10	16QAM	1	25	22.82	23.12	22.91	24.10
10	16QAM	1	49	22.93	23.06	22.94	24.10
10	16QAM	25	0	21.94	22.23	21.96	23.10
10	16QAM	25	12	21.96	22.12	22.10	23.10
10	16QAM	25	25	21.87	22.18	22.06	23.10
10	16QAM	50	0	21.89	22.10	21.92	23.10
10	64QAM	1	0	21.94	22.09	22.08	23.10
10	64QAM	1	25	21.89	22.08	22.00	23.10
10	64QAM	1	49	21.94	22.05	22.03	23.10
10	64QAM	25	0	20.89	21.11	21.07	22.10
10	64QAM	25	12	20.91	21.13	21.03	22.10
10	64QAM	25	25	20.85	21.20	21.12	22.10
10	64QAM	50	0	20.93	21.14	20.97	22.10
10	256QAM	1	0	18.86	19.05	19.03	20.10
10	256QAM	1	25	18.92	19.08	19.04	20.10
10	256QAM	1	49	18.82	19.08	19.04	20.10
10	256QAM	25	0	18.89	19.16	19.06	20.10
10	256QAM	25	12	18.80	19.05	19.03	20.10
10	256QAM	25	25	18.86	19.02	19.03	20.10
10	256QAM	50	0	18.89	19.06	19.05	20.10
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	23.98	23.96	23.87	25.10
5	QPSK	1	12	23.91	23.83	23.81	25.10
5	QPSK	1	24	23.74	23.81	23.79	25.10
5	QPSK	12	0	22.83	23.09	23.00	24.10
5	QPSK	12	7	22.83	22.95	22.99	24.10
5	QPSK	12	13	22.77	23.07	22.98	24.10
5	QPSK	25	0	22.75	22.98	23.02	24.10
5	16QAM	1	0	22.86	23.04	22.99	24.10
5	16QAM	1	12	22.70	23.05	22.81	24.10
5	16QAM	1	24	22.86	22.95	22.82	24.10
5	16QAM	12	0	21.86	22.14	21.87	23.10
5	16QAM	12	7	21.86	21.98	22.01	23.10
5	16QAM	12	13	21.76	22.15	22.01	23.10
5	16QAM	25	0	21.79	22.08	21.86	23.10
5	64QAM	1	0	21.87	22.04	22.06	23.10
5	64QAM	1	12	21.77	22.03	21.92	23.10
5	64QAM	1	24	21.82	22.01	21.90	23.10
5	64QAM	12	0	20.85	21.02	21.05	22.10
5	64QAM	12	7	20.81	21.00	20.97	22.10
5	64QAM	12	13	20.78	21.17	21.00	22.10
5	64QAM	25	0	20.83	21.09	20.93	22.10
5	256QAM	1	0	18.74	18.92	18.88	20.10
5	256QAM	1	12	18.86	19.04	18.90	20.10
5	256QAM	1	24	18.72	18.94	18.93	20.10
5	256QAM	12	0	18.83	19.09	18.97	20.10
5	256QAM	12	7	18.71	19.01	18.91	20.10
5	256QAM	12	13	18.75	18.91	19.00	20.10
5	256QAM	25	0	18.79	18.97	18.94	20.10
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	23.93	24.09	23.74	25.10
3	QPSK	1	8	23.83	23.93	23.83	25.10
3	QPSK	1	14	23.80	23.80	23.83	25.10
3	QPSK	8	0	22.73	23.04	22.88	24.10
3	QPSK	8	4	22.82	23.00	22.98	24.10
3	QPSK	8	7	22.73	23.02	22.96	24.10
3	QPSK	15	0	22.71	23.01	23.07	24.10
3	16QAM	1	0	22.82	23.07	22.98	24.10
3	16QAM	1	8	22.76	23.03	22.76	24.10

3	16QAM	1	14	22.88	23.01	22.87	24.10
3	16QAM	8	0	21.90	22.13	21.83	23.10
3	16QAM	8	4	21.90	22.10	22.07	23.10
3	16QAM	8	7	21.83	22.10	21.95	23.10
3	16QAM	15	0	21.86	21.99	21.79	23.10
3	64QAM	1	0	21.87	21.99	21.97	23.10
3	64QAM	1	8	21.82	21.98	21.90	23.10
3	64QAM	1	14	21.87	21.93	22.02	23.10
3	64QAM	8	0	20.75	21.01	20.93	22.10
3	64QAM	8	4	20.89	21.08	20.90	22.10
3	64QAM	8	7	20.82	21.13	21.03	22.10
3	64QAM	15	0	20.91	21.08	20.93	22.10
3	256QAM	1	0	18.84	18.95	19.02	20.10
3	256QAM	1	8	18.87	18.98	19.00	20.10
3	256QAM	1	14	18.80	19.01	18.92	20.10
3	256QAM	8	0	18.82	19.04	18.95	20.10
3	256QAM	8	4	18.67	19.00	18.90	20.10
3	256QAM	8	7	18.73	18.96	18.93	20.10
3	256QAM	15	0	18.76	19.00	18.91	20.10
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	23.95	24.03	23.85	25.10
1.4	QPSK	1	3	23.82	23.88	23.80	25.10
1.4	QPSK	1	5	23.80	23.84	23.85	25.10
1.4	QPSK	3	0	23.71	24.05	23.91	25.10
1.4	QPSK	3	1	23.89	23.96	23.86	25.10
1.4	QPSK	3	3	23.74	23.98	23.90	25.10
1.4	QPSK	6	0	22.72	22.92	23.00	24.10
1.4	16QAM	1	0	22.86	23.10	22.91	24.10
1.4	16QAM	1	3	22.72	23.00	22.87	24.10
1.4	16QAM	1	5	22.90	23.00	22.80	24.10
1.4	16QAM	3	0	22.90	23.16	22.91	24.10
1.4	16QAM	3	1	22.93	23.09	22.98	24.10
1.4	16QAM	3	3	22.81	23.08	22.93	24.10
1.4	16QAM	6	0	21.77	22.01	21.79	23.10
1.4	64QAM	1	0	21.84	21.98	21.96	23.10
1.4	64QAM	1	3	21.82	22.02	21.87	23.10
1.4	64QAM	1	5	21.80	21.97	21.89	23.10
1.4	64QAM	3	0	21.82	21.98	22.02	23.10
1.4	64QAM	3	1	21.90	22.06	21.90	23.10
1.4	64QAM	3	3	21.71	22.12	22.00	23.10
1.4	64QAM	6	0	20.90	21.07	20.91	22.10
1.4	256QAM	1	0	18.81	19.00	18.91	20.10
1.4	256QAM	1	3	18.90	19.07	18.95	20.10
1.4	256QAM	1	5	18.76	18.96	18.99	20.10
1.4	256QAM	3	0	18.77	19.12	19.04	20.10
1.4	256QAM	3	1	18.78	18.93	18.99	20.10
1.4	256QAM	3	3	18.76	18.95	19.02	20.10
1.4	256QAM	6	0	18.83	19.03	19.02	20.10

【LTE Band 5_Ant 8_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	24.03	24.10	23.88	25.10
10	QPSK	1	25	23.94	23.94	23.94	25.10
10	QPSK	1	49	23.86	23.93	23.94	25.10
10	QPSK	25	0	22.85	23.15	23.02	24.10
10	QPSK	25	12	22.91	23.09	23.00	24.10
10	QPSK	25	25	22.84	23.10	23.04	24.10
10	QPSK	50	0	22.86	23.04	23.09	24.10
10	16QAM	1	0	22.90	23.12	23.02	24.10
10	16QAM	1	25	22.82	23.12	22.91	24.10
10	16QAM	1	49	22.93	23.06	22.94	24.10
10	16QAM	25	0	21.94	22.23	21.96	23.10
10	16QAM	25	12	21.96	22.12	22.10	23.10
10	16QAM	25	25	21.87	22.18	22.06	23.10
10	16QAM	50	0	21.89	22.10	21.92	23.10
10	64QAM	1	0	21.94	22.09	22.08	23.10
10	64QAM	1	25	21.89	22.08	22.00	23.10
10	64QAM	1	49	21.94	22.05	22.03	23.10

10	64QAM	25	0	20.89	21.11	21.07	22.10
10	64QAM	25	12	20.91	21.13	21.03	22.10
10	64QAM	25	25	20.85	21.20	21.12	22.10
10	64QAM	50	0	20.93	21.14	20.97	22.10
10	256QAM	1	0	18.86	19.05	19.03	20.10
10	256QAM	1	25	18.92	19.08	19.04	20.10
10	256QAM	1	49	18.82	19.08	19.04	20.10
10	256QAM	25	0	18.89	19.16	19.06	20.10
10	256QAM	25	12	18.80	19.05	19.03	20.10
10	256QAM	25	25	18.86	19.02	19.03	20.10
10	256QAM	50	0	18.89	19.06	19.05	20.10
Channel				20425	20525	20625	Tune-up limit
Frequency (MHz)				826.5	836.5	846.5	(dBm)
5	QPSK	1	0	23.98	23.96	23.87	25.10
5	QPSK	1	12	23.91	23.83	23.81	25.10
5	QPSK	1	24	23.74	23.81	23.79	25.10
5	QPSK	12	0	22.83	23.09	23.00	24.10
5	QPSK	12	7	22.83	22.95	22.99	24.10
5	QPSK	12	13	22.77	23.07	22.98	24.10
5	QPSK	25	0	22.75	22.98	23.02	24.10
5	16QAM	1	0	22.86	23.04	22.99	24.10
5	16QAM	1	12	22.70	23.05	22.81	24.10
5	16QAM	1	24	22.86	22.95	22.82	24.10
5	16QAM	12	0	21.86	22.14	21.87	23.10
5	16QAM	12	7	21.86	21.98	22.01	23.10
5	16QAM	12	13	21.76	22.15	22.01	23.10
5	16QAM	25	0	21.79	22.08	21.86	23.10
5	64QAM	1	0	21.87	22.04	22.06	23.10
5	64QAM	1	12	21.77	22.03	21.92	23.10
5	64QAM	1	24	21.82	22.01	21.90	23.10
5	64QAM	12	0	20.85	21.02	21.05	22.10
5	64QAM	12	7	20.81	21.00	20.97	22.10
5	64QAM	12	13	20.78	21.17	21.00	22.10
5	64QAM	25	0	20.83	21.09	20.93	22.10
5	256QAM	1	0	18.74	18.92	18.88	20.10
5	256QAM	1	12	18.86	19.04	18.90	20.10
5	256QAM	1	24	18.72	18.94	18.93	20.10
5	256QAM	12	0	18.83	19.09	18.97	20.10
5	256QAM	12	7	18.71	19.01	18.91	20.10
5	256QAM	12	13	18.75	18.91	19.00	20.10
5	256QAM	25	0	18.79	18.97	18.94	20.10
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	23.93	24.09	23.74	25.10
3	QPSK	1	8	23.83	23.93	23.83	25.10
3	QPSK	1	14	23.80	23.80	23.83	25.10
3	QPSK	8	0	22.73	23.04	22.88	24.10
3	QPSK	8	4	22.82	23.00	22.98	24.10
3	QPSK	8	7	22.73	23.02	22.96	24.10
3	QPSK	15	0	22.71	23.01	23.07	24.10
3	16QAM	1	0	22.82	23.07	22.98	24.10
3	16QAM	1	8	22.76	23.03	22.76	24.10
3	16QAM	1	14	22.88	23.01	22.87	24.10
3	16QAM	8	0	21.90	22.13	21.83	23.10
3	16QAM	8	4	21.90	22.10	22.07	23.10
3	16QAM	8	7	21.83	22.10	21.95	23.10
3	16QAM	15	0	21.86	21.99	21.79	23.10
3	64QAM	1	0	21.87	21.99	21.97	23.10
3	64QAM	1	8	21.82	21.98	21.90	23.10
3	64QAM	1	14	21.87	21.93	22.02	23.10
3	64QAM	8	0	20.75	21.01	20.93	22.10
3	64QAM	8	4	20.89	21.08	20.90	22.10
3	64QAM	8	7	20.82	21.13	21.03	22.10
3	64QAM	15	0	20.91	21.08	20.93	22.10
3	256QAM	1	0	18.84	18.95	19.02	20.10
3	256QAM	1	8	18.87	18.98	19.00	20.10
3	256QAM	1	14	18.80	19.01	18.92	20.10
3	256QAM	8	0	18.82	19.04	18.95	20.10
3	256QAM	8	4	18.67	19.00	18.90	20.10
3	256QAM	8	7	18.73	18.96	18.93	20.10
3	256QAM	15	0	18.76	19.00	18.91	20.10
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	23.95	24.03	23.85	25.10
1.4	QPSK	1	3	23.82	23.88	23.80	25.10
1.4	QPSK	1	5	23.80	23.84	23.85	25.10
1.4	QPSK	3	0	23.71	24.05	23.91	25.10
1.4	QPSK	3	1	23.89	23.96	23.86	25.10

1.4	QPSK	3	3	23.74	23.98	23.90	25.10
1.4	QPSK	6	0	22.72	22.92	23.00	24.10
1.4	16QAM	1	0	22.86	23.10	22.91	24.10
1.4	16QAM	1	3	22.72	23.00	22.87	24.10
1.4	16QAM	1	5	22.90	23.00	22.80	24.10
1.4	16QAM	3	0	22.90	23.16	22.91	24.10
1.4	16QAM	3	1	22.93	23.09	22.98	24.10
1.4	16QAM	3	3	22.81	23.08	22.93	24.10
1.4	16QAM	6	0	21.77	22.01	21.79	23.10
1.4	64QAM	1	0	21.84	21.98	21.96	23.10
1.4	64QAM	1	3	21.82	22.02	21.87	23.10
1.4	64QAM	1	5	21.80	21.97	21.89	23.10
1.4	64QAM	3	0	21.82	21.98	22.02	23.10
1.4	64QAM	3	1	21.90	22.06	21.90	23.10
1.4	64QAM	3	3	21.71	22.12	22.00	23.10
1.4	64QAM	6	0	20.90	21.07	20.91	22.10
1.4	256QAM	1	0	18.81	19.00	18.91	20.10
1.4	256QAM	1	3	18.90	19.07	18.95	20.10
1.4	256QAM	1	5	18.76	18.96	18.99	20.10
1.4	256QAM	3	0	18.77	19.12	19.04	20.10
1.4	256QAM	3	1	18.78	18.93	18.99	20.10
1.4	256QAM	3	3	18.76	18.95	19.02	20.10
1.4	256QAM	6	0	18.83	19.03	19.02	20.10

【LTE Band 5_Ant 8_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	19.68	19.72	19.56	21.00
10	QPSK	1	25	19.59	19.57	19.53	21.00
10	QPSK	1	49	19.56	19.63	19.48	21.00
10	QPSK	25	0	19.55	19.67	19.47	21.00
10	QPSK	25	12	19.55	19.61	19.44	21.00
10	QPSK	25	25	19.51	19.55	19.44	21.00
10	QPSK	50	0	19.56	19.65	19.54	21.00
10	16QAM	1	0	19.50	19.65	19.50	21.00
10	16QAM	1	25	19.56	19.64	19.44	21.00
10	16QAM	1	49	19.53	19.58	19.38	21.00
10	16QAM	25	0	19.49	19.56	19.40	21.00
10	16QAM	25	12	19.52	19.64	19.38	21.00
10	16QAM	25	25	19.62	19.54	19.50	21.00
10	16QAM	50	0	19.61	19.60	19.40	21.00
10	64QAM	1	0	19.51	19.60	19.42	21.00
10	64QAM	1	25	19.57	19.60	19.53	21.00
10	64QAM	1	49	19.51	19.61	19.46	21.00
10	64QAM	25	0	19.51	19.58	19.51	21.00
10	64QAM	25	12	19.64	19.60	19.54	21.00
10	64QAM	25	25	19.54	19.62	19.44	21.00
10	64QAM	50	0	19.51	19.63	19.43	21.00
10	256QAM	1	0	18.69	18.90	18.65	20.10
10	256QAM	1	25	18.76	18.71	18.74	20.10
10	256QAM	1	49	18.63	18.74	18.53	20.10
10	256QAM	25	0	18.75	18.68	18.65	20.10
10	256QAM	25	12	18.73	18.79	18.52	20.10
10	256QAM	25	25	18.62	18.70	18.69	20.10
10	256QAM	50	0	18.67	18.74	18.74	20.10
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	19.54	19.63	19.45	21.00
5	QPSK	1	12	19.46	19.50	19.39	21.00
5	QPSK	1	24	19.42	19.60	19.34	21.00
5	QPSK	12	0	19.47	19.54	19.44	21.00
5	QPSK	12	7	19.41	19.52	19.31	21.00
5	QPSK	12	13	19.48	19.49	19.30	21.00
5	QPSK	25	0	19.50	19.49	19.45	21.00
5	16QAM	1	0	19.39	19.54	19.46	21.00
5	16QAM	1	12	19.45	19.62	19.30	21.00
5	16QAM	1	24	19.39	19.54	19.36	21.00
5	16QAM	12	0	19.36	19.53	19.26	21.00
5	16QAM	12	7	19.42	19.60	19.32	21.00
5	16QAM	12	13	19.54	19.48	19.36	21.00

5	16QAM	25	0	19.58	19.55	19.27	21.00
5	64QAM	1	0	19.47	19.52	19.41	21.00
5	64QAM	1	12	19.51	19.57	19.49	21.00
5	64QAM	1	24	19.42	19.58	19.41	21.00
5	64QAM	12	0	19.39	19.45	19.42	21.00
5	64QAM	12	7	19.57	19.58	19.41	21.00
5	64QAM	12	13	19.50	19.55	19.39	21.00
5	64QAM	25	0	19.49	19.57	19.31	21.00
5	256QAM	1	0	18.60	18.73	18.60	20.10
5	256QAM	1	12	18.63	18.60	18.68	20.10
5	256QAM	1	24	18.60	18.65	18.51	20.10
5	256QAM	12	0	18.63	18.53	18.53	20.10
5	256QAM	12	7	18.63	18.69	18.44	20.10
5	256QAM	12	13	18.48	18.62	18.67	20.10
5	256QAM	25	0	18.58	18.73	18.66	20.10
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	19.67	19.63	19.54	21.00
3	QPSK	1	8	19.52	19.47	19.48	21.00
3	QPSK	1	14	19.45	19.53	19.36	21.00
3	QPSK	8	0	19.46	19.59	19.38	21.00
3	QPSK	8	4	19.51	19.52	19.30	21.00
3	QPSK	8	7	19.39	19.43	19.34	21.00
3	QPSK	15	0	19.49	19.58	19.46	21.00
3	16QAM	1	0	19.48	19.53	19.44	21.00
3	16QAM	1	8	19.46	19.51	19.32	21.00
3	16QAM	1	14	19.41	19.48	19.33	21.00
3	16QAM	8	0	19.43	19.48	19.33	21.00
3	16QAM	8	4	19.45	19.60	19.34	21.00
3	16QAM	8	7	19.55	19.50	19.46	21.00
3	16QAM	15	0	19.53	19.49	19.32	21.00
3	64QAM	1	0	19.37	19.47	19.29	21.00
3	64QAM	1	8	19.48	19.57	19.48	21.00
3	64QAM	1	14	19.41	19.62	19.36	21.00
3	64QAM	8	0	19.39	19.52	19.46	21.00
3	64QAM	8	4	19.51	19.55	19.41	21.00
3	64QAM	8	7	19.53	19.56	19.33	21.00
3	64QAM	15	0	19.38	19.48	19.31	21.00
3	256QAM	1	0	18.64	18.78	18.65	20.10
3	256QAM	1	8	18.72	18.69	18.71	20.10
3	256QAM	1	14	18.50	18.69	18.48	20.10
3	256QAM	8	0	18.62	18.60	18.57	20.10
3	256QAM	8	4	18.69	18.64	18.48	20.10
3	256QAM	8	7	18.60	18.62	18.57	20.10
3	256QAM	15	0	18.65	18.61	18.61	20.10
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	19.59	19.63	19.49	21.00
1.4	QPSK	1	3	19.53	19.43	19.39	21.00
1.4	QPSK	1	5	19.41	19.59	19.47	21.00
1.4	QPSK	3	0	19.45	19.61	19.37	21.00
1.4	QPSK	3	1	19.43	19.53	19.30	21.00
1.4	QPSK	3	3	19.45	19.44	19.29	21.00
1.4	QPSK	6	0	19.48	19.52	19.47	21.00
1.4	16QAM	1	0	19.36	19.52	19.49	21.00
1.4	16QAM	1	3	19.43	19.57	19.41	21.00
1.4	16QAM	1	5	19.48	19.53	19.32	21.00
1.4	16QAM	3	0	19.38	19.51	19.38	21.00
1.4	16QAM	3	1	19.49	19.59	19.23	21.00
1.4	16QAM	3	3	19.49	19.47	19.48	21.00
1.4	16QAM	6	0	19.55	19.53	19.26	21.00
1.4	64QAM	1	0	19.40	19.45	19.38	21.00
1.4	64QAM	1	3	19.48	19.56	19.47	21.00
1.4	64QAM	1	5	19.42	19.62	19.42	21.00
1.4	64QAM	3	0	19.38	19.50	19.47	21.00
1.4	64QAM	3	1	19.50	19.51	19.45	21.00
1.4	64QAM	3	3	19.47	19.48	19.36	21.00
1.4	64QAM	6	0	19.50	19.49	19.40	21.00
1.4	256QAM	1	0	19.45	19.62	19.48	21.00
1.4	256QAM	1	3	19.65	19.56	19.51	21.00
1.4	256QAM	1	5	19.48	19.58	19.28	21.00
1.4	256QAM	3	0	18.64	18.55	18.58	20.10
1.4	256QAM	3	1	18.67	18.70	18.44	20.10
1.4	256QAM	3	3	18.49	18.66	18.63	20.10
1.4	256QAM	6	0	18.61	18.59	18.60	20.10

【LTE Band 5_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				20450	20525	20600	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	24.18	24.27	23.97	25.10
10	QPSK	1	25	24.02	24.09	24.02	25.10
10	QPSK	1	49	23.97	24.08	24.09	25.10
10	QPSK	25	0	23.02	23.29	23.15	24.10
10	QPSK	25	12	23.08	23.24	23.06	24.10
10	QPSK	25	25	22.99	23.23	23.21	24.10
10	QPSK	50	0	22.92	23.20	23.19	24.10
10	16QAM	1	0	22.98	23.17	23.12	24.10
10	16QAM	1	25	22.97	23.18	23.01	24.10
10	16QAM	1	49	23.09	23.14	23.00	24.10
10	16QAM	25	0	22.01	22.32	22.05	23.10
10	16QAM	25	12	22.08	22.23	22.21	23.10
10	16QAM	25	25	21.92	22.32	22.20	23.10
10	16QAM	50	0	21.95	22.24	22.06	23.10
10	64QAM	1	0	22.00	22.24	22.20	23.10
10	64QAM	1	25	22.04	22.17	22.08	23.10
10	64QAM	1	49	22.07	22.15	22.13	23.10
10	64QAM	25	0	20.94	21.21	21.17	22.10
10	64QAM	25	12	21.08	21.27	21.08	22.10
10	64QAM	25	25	20.99	21.33	21.25	22.10
10	64QAM	50	0	21.03	21.27	21.09	22.10
10	256QAM	1	0	18.96	19.12	19.08	20.10
10	256QAM	1	25	18.98	19.24	19.19	20.10
10	256QAM	1	49	18.89	19.22	19.15	20.10
10	256QAM	25	0	19.03	19.26	19.15	20.10
10	256QAM	25	12	18.90	19.20	19.18	20.10
10	256QAM	25	25	18.94	19.12	19.12	20.10
10	256QAM	50	0	18.96	19.19	19.14	20.10
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	24.08	24.17	23.93	25.10
5	QPSK	1	12	23.89	24.00	23.88	25.10
5	QPSK	1	24	23.93	23.94	24.01	25.10
5	QPSK	12	0	22.88	23.21	23.08	24.10
5	QPSK	12	7	22.97	23.23	22.93	24.10
5	QPSK	12	13	22.84	23.22	23.11	24.10
5	QPSK	25	0	22.83	23.14	23.10	24.10
5	16QAM	1	0	22.83	23.04	23.09	24.10
5	16QAM	1	12	22.90	23.07	22.99	24.10
5	16QAM	1	24	22.95	23.03	22.87	24.10
5	16QAM	12	0	21.90	22.26	21.98	23.10
5	16QAM	12	7	21.94	22.11	22.15	23.10
5	16QAM	12	13	21.79	22.29	22.05	23.10
5	16QAM	25	0	21.89	22.15	21.94	23.10
5	64QAM	1	0	21.93	22.20	22.17	23.10
5	64QAM	1	12	22.00	22.13	22.00	23.10
5	64QAM	1	24	21.99	22.11	22.09	23.10
5	64QAM	12	0	20.89	21.19	21.04	22.10
5	64QAM	12	7	20.95	21.22	21.06	22.10
5	64QAM	12	13	20.91	21.25	21.13	22.10
5	64QAM	25	0	21.01	21.23	21.01	22.10
5	256QAM	1	0	18.89	19.08	19.06	20.10
5	256QAM	1	12	18.88	19.22	19.16	20.10
5	256QAM	1	24	18.82	19.09	19.02	20.10
5	256QAM	12	0	18.91	19.14	19.11	20.10
5	256QAM	12	7	18.87	19.17	19.05	20.10
5	256QAM	12	13	18.88	19.01	19.05	20.10
5	256QAM	25	0	18.89	19.10	19.04	20.10
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	24.13	24.17	23.87	25.10
3	QPSK	1	8	23.92	24.04	23.96	25.10
3	QPSK	1	14	23.93	24.02	24.05	25.10
3	QPSK	8	0	22.97	23.24	23.06	24.10
3	QPSK	8	4	22.99	23.18	23.01	24.10
3	QPSK	8	7	22.97	23.10	23.17	24.10
3	QPSK	15	0	22.77	23.15	23.11	24.10
3	16QAM	1	0	22.94	23.11	23.02	24.10
3	16QAM	1	8	22.84	23.11	22.96	24.10

3	16QAM	1	14	23.00	23.07	22.91	24.10
3	16QAM	8	0	21.87	22.27	21.99	23.10
3	16QAM	8	4	22.05	22.16	22.20	23.10
3	16QAM	8	7	21.82	22.17	22.12	23.10
3	16QAM	15	0	21.85	22.09	21.97	23.10
3	64QAM	1	0	21.92	22.14	22.14	23.10
3	64QAM	1	8	21.99	22.12	22.06	23.10
3	64QAM	1	14	21.93	22.02	22.10	23.10
3	64QAM	8	0	20.87	21.17	21.06	22.10
3	64QAM	8	4	21.01	21.20	20.97	22.10
3	64QAM	8	7	20.87	21.31	21.18	22.10
3	64QAM	15	0	21.00	21.15	21.03	22.10
3	256QAM	1	0	18.84	19.00	19.07	20.10
3	256QAM	1	8	18.88	19.09	19.07	20.10
3	256QAM	1	14	18.86	19.15	19.08	20.10
3	256QAM	8	0	18.92	19.22	19.10	20.10
3	256QAM	8	4	18.79	19.08	19.06	20.10
3	256QAM	8	7	18.93	19.01	19.01	20.10
3	256QAM	15	0	18.95	19.13	19.10	20.10
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	24.15	24.21	23.90	25.10
1.4	QPSK	1	3	23.94	24.04	23.91	25.10
1.4	QPSK	1	5	23.86	24.05	24.07	25.10
1.4	QPSK	3	0	24.01	24.15	24.06	25.10
1.4	QPSK	3	1	23.97	24.15	24.01	25.10
1.4	QPSK	3	3	23.85	24.15	24.11	25.10
1.4	QPSK	6	0	22.80	23.14	23.04	24.10
1.4	16QAM	1	0	22.97	23.16	23.08	24.10
1.4	16QAM	1	3	22.96	23.10	22.97	24.10
1.4	16QAM	1	5	23.05	23.08	22.97	24.10
1.4	16QAM	3	0	22.96	23.17	22.93	24.10
1.4	16QAM	3	1	22.96	23.13	23.18	24.10
1.4	16QAM	3	3	22.85	23.26	23.10	24.10
1.4	16QAM	6	0	21.90	22.14	22.03	23.10
1.4	64QAM	1	0	21.96	22.19	22.14	23.10
1.4	64QAM	1	3	21.98	22.05	22.04	23.10
1.4	64QAM	1	5	22.04	22.09	22.01	23.10
1.4	64QAM	3	0	21.91	22.16	22.04	23.10
1.4	64QAM	3	1	22.05	22.22	21.98	23.10
1.4	64QAM	3	3	21.95	22.24	22.16	23.10
1.4	64QAM	6	0	20.90	21.24	21.03	22.10
1.4	256QAM	1	0	18.95	18.97	19.01	20.10
1.4	256QAM	1	3	18.93	19.21	19.13	20.10
1.4	256QAM	1	5	18.83	19.15	19.09	20.10
1.4	256QAM	3	0	19.00	19.21	19.04	20.10
1.4	256QAM	3	1	18.85	19.11	19.07	20.10
1.4	256QAM	3	3	18.82	19.01	18.98	20.10
1.4	256QAM	6	0	18.82	19.13	19.00	20.10

【LTE Band 5_Ant 10_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	24.18	24.27	23.97	25.10
10	QPSK	1	25	24.02	24.09	24.02	25.10
10	QPSK	1	49	23.97	24.08	24.09	25.10
10	QPSK	25	0	23.02	23.29	23.15	24.10
10	QPSK	25	12	23.08	23.24	23.06	24.10
10	QPSK	25	25	22.99	23.23	23.21	24.10
10	QPSK	50	0	22.92	23.20	23.19	24.10
10	16QAM	1	0	22.98	23.17	23.12	24.10
10	16QAM	1	25	22.97	23.18	23.01	24.10
10	16QAM	1	49	23.09	23.14	23.00	24.10
10	16QAM	25	0	22.01	22.32	22.05	23.10
10	16QAM	25	12	22.08	22.23	22.21	23.10
10	16QAM	25	25	21.92	22.32	22.20	23.10
10	16QAM	50	0	21.95	22.24	22.06	23.10
10	64QAM	1	0	22.00	22.24	22.20	23.10
10	64QAM	1	25	22.04	22.17	22.08	23.10
10	64QAM	1	49	22.07	22.15	22.13	23.10

10	64QAM	25	0	20.94	21.21	21.17	22.10
10	64QAM	25	12	21.08	21.27	21.08	22.10
10	64QAM	25	25	20.99	21.33	21.25	22.10
10	64QAM	50	0	21.03	21.27	21.09	22.10
10	256QAM	1	0	18.96	19.12	19.08	20.10
10	256QAM	1	25	18.98	19.24	19.19	20.10
10	256QAM	1	49	18.89	19.22	19.15	20.10
10	256QAM	25	0	19.03	19.26	19.15	20.10
10	256QAM	25	12	18.90	19.20	19.18	20.10
10	256QAM	25	25	18.94	19.12	19.12	20.10
10	256QAM	50	0	18.96	19.19	19.14	20.10
Channel				20425	20525	20625	Tune-up limit
Frequency (MHz)				826.5	836.5	846.5	(dBm)
5	QPSK	1	0	24.08	24.17	23.93	25.10
5	QPSK	1	12	23.89	24.00	23.88	25.10
5	QPSK	1	24	23.93	23.94	24.01	25.10
5	QPSK	12	0	22.88	23.21	23.08	24.10
5	QPSK	12	7	22.97	23.23	22.93	24.10
5	QPSK	12	13	22.84	23.22	23.11	24.10
5	QPSK	25	0	22.83	23.14	23.10	24.10
5	16QAM	1	0	22.83	23.04	23.09	24.10
5	16QAM	1	12	22.90	23.07	22.99	24.10
5	16QAM	1	24	22.95	23.03	22.87	24.10
5	16QAM	12	0	21.90	22.26	21.98	23.10
5	16QAM	12	7	21.94	22.11	22.15	23.10
5	16QAM	12	13	21.79	22.29	22.05	23.10
5	16QAM	25	0	21.89	22.15	21.94	23.10
5	64QAM	1	0	21.93	22.20	22.17	23.10
5	64QAM	1	12	22.00	22.13	22.00	23.10
5	64QAM	1	24	21.99	22.11	22.09	23.10
5	64QAM	12	0	20.89	21.19	21.04	22.10
5	64QAM	12	7	20.95	21.22	21.06	22.10
5	64QAM	12	13	20.91	21.25	21.13	22.10
5	64QAM	25	0	21.01	21.23	21.01	22.10
5	256QAM	1	0	18.89	19.08	19.06	20.10
5	256QAM	1	12	18.88	19.22	19.16	20.10
5	256QAM	1	24	18.82	19.09	19.02	20.10
5	256QAM	12	0	18.91	19.14	19.11	20.10
5	256QAM	12	7	18.87	19.17	19.05	20.10
5	256QAM	12	13	18.88	19.01	19.05	20.10
5	256QAM	25	0	18.89	19.10	19.04	20.10
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	24.13	24.17	23.87	25.10
3	QPSK	1	8	23.92	24.04	23.96	25.10
3	QPSK	1	14	23.93	24.02	24.05	25.10
3	QPSK	8	0	22.97	23.24	23.06	24.10
3	QPSK	8	4	22.99	23.18	23.01	24.10
3	QPSK	8	7	22.97	23.10	23.17	24.10
3	QPSK	15	0	22.77	23.15	23.11	24.10
3	16QAM	1	0	22.94	23.11	23.02	24.10
3	16QAM	1	8	22.84	23.11	22.96	24.10
3	16QAM	1	14	23.00	23.07	22.91	24.10
3	16QAM	8	0	21.87	22.27	21.99	23.10
3	16QAM	8	4	22.05	22.16	22.20	23.10
3	16QAM	8	7	21.82	22.17	22.12	23.10
3	16QAM	15	0	21.85	22.09	21.97	23.10
3	64QAM	1	0	21.92	22.14	22.14	23.10
3	64QAM	1	8	21.99	22.12	22.06	23.10
3	64QAM	1	14	21.93	22.02	22.10	23.10
3	64QAM	8	0	20.87	21.17	21.06	22.10
3	64QAM	8	4	21.01	21.20	20.97	22.10
3	64QAM	8	7	20.87	21.31	21.18	22.10
3	64QAM	15	0	21.00	21.15	21.03	22.10
3	256QAM	1	0	18.84	19.00	19.07	20.10
3	256QAM	1	8	18.88	19.09	19.07	20.10
3	256QAM	1	14	18.86	19.15	19.08	20.10
3	256QAM	8	0	18.92	19.22	19.10	20.10
3	256QAM	8	4	18.79	19.08	19.06	20.10
3	256QAM	8	7	18.93	19.01	19.01	20.10
3	256QAM	15	0	18.95	19.13	19.10	20.10
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	24.15	24.21	23.90	25.10
1.4	QPSK	1	3	23.94	24.04	23.91	25.10
1.4	QPSK	1	5	23.86	24.05	24.07	25.10
1.4	QPSK	3	0	24.01	24.15	24.06	25.10
1.4	QPSK	3	1	23.97	24.15	24.01	25.10

1.4	QPSK	3	3	23.85	24.15	24.11	25.10
1.4	QPSK	6	0	22.80	23.14	23.04	24.10
1.4	16QAM	1	0	22.97	23.16	23.08	24.10
1.4	16QAM	1	3	22.96	23.10	22.97	24.10
1.4	16QAM	1	5	23.05	23.08	22.97	24.10
1.4	16QAM	3	0	22.96	23.17	22.93	24.10
1.4	16QAM	3	1	22.96	23.13	23.18	24.10
1.4	16QAM	3	3	22.85	23.26	23.10	24.10
1.4	16QAM	6	0	21.90	22.14	22.03	23.10
1.4	64QAM	1	0	21.96	22.19	22.14	23.10
1.4	64QAM	1	3	21.98	22.05	22.04	23.10
1.4	64QAM	1	5	22.04	22.09	22.01	23.10
1.4	64QAM	3	0	21.91	22.16	22.04	23.10
1.4	64QAM	3	1	22.05	22.22	21.98	23.10
1.4	64QAM	3	3	21.95	22.24	22.16	23.10
1.4	64QAM	6	0	20.90	21.24	21.03	22.10
1.4	256QAM	1	0	18.95	18.97	19.01	20.10
1.4	256QAM	1	3	18.93	19.21	19.13	20.10
1.4	256QAM	1	5	18.83	19.15	19.09	20.10
1.4	256QAM	3	0	19.00	19.21	19.04	20.10
1.4	256QAM	3	1	18.85	19.11	19.07	20.10
1.4	256QAM	3	3	18.82	19.01	18.98	20.10
1.4	256QAM	6	0	18.82	19.13	19.00	20.10

【LTE Band 5_Ant 10_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	18.16	18.35	17.99	19.50
10	QPSK	1	25	18.21	18.34	18.00	19.50
10	QPSK	1	49	18.23	18.31	18.02	19.50
10	QPSK	25	0	18.25	18.28	17.97	19.50
10	QPSK	25	12	18.14	18.20	18.03	19.50
10	QPSK	25	25	18.22	18.23	18.00	19.50
10	QPSK	50	0	18.24	18.26	18.01	19.50
10	16QAM	1	0	18.27	18.25	18.06	19.50
10	16QAM	1	25	18.14	18.24	17.99	19.50
10	16QAM	1	49	18.20	18.21	17.99	19.50
10	16QAM	25	0	18.17	18.25	18.07	19.50
10	16QAM	25	12	18.14	18.22	17.99	19.50
10	16QAM	25	25	18.28	18.25	18.01	19.50
10	16QAM	50	0	18.22	18.25	18.00	19.50
10	64QAM	1	0	18.22	18.22	17.94	19.50
10	64QAM	1	25	18.15	18.27	18.06	19.50
10	64QAM	1	49	18.20	18.25	17.94	19.50
10	64QAM	25	0	18.17	18.26	17.95	19.50
10	64QAM	25	12	18.17	18.21	17.93	19.50
10	64QAM	25	25	18.24	18.23	17.94	19.50
10	64QAM	50	0	18.15	18.26	18.06	19.50
10	256QAM	1	0	18.18	18.25	17.98	19.50
10	256QAM	1	25	18.18	18.26	17.96	19.50
10	256QAM	1	49	18.16	18.27	18.01	19.50
10	256QAM	25	0	18.23	18.19	18.05	19.50
10	256QAM	25	12	18.20	18.24	17.93	19.50
10	256QAM	25	25	18.20	18.25	17.94	19.50
10	256QAM	50	0	18.28	18.18	18.02	19.50
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	18.14	18.21	17.87	19.50
5	QPSK	1	12	18.18	18.23	17.90	19.50
5	QPSK	1	24	18.10	18.18	17.96	19.50
5	QPSK	12	0	18.15	18.21	17.94	19.50
5	QPSK	12	7	18.11	18.25	17.90	19.50
5	QPSK	12	13	18.13	18.14	17.98	19.50
5	QPSK	25	0	18.17	18.25	17.86	19.50
5	16QAM	1	0	18.20	18.17	17.99	19.50
5	16QAM	1	12	18.10	18.14	17.91	19.50
5	16QAM	1	24	18.17	18.23	17.89	19.50
5	16QAM	12	0	18.04	18.17	17.96	19.50
5	16QAM	12	7	18.11	18.24	17.92	19.50
5	16QAM	12	13	18.24	18.20	17.94	19.50

5	16QAM	25	0	18.09	18.15	17.85	19.50
5	64QAM	1	0	18.10	18.23	17.82	19.50
5	64QAM	1	12	18.11	18.26	18.00	19.50
5	64QAM	1	24	18.17	18.17	17.89	19.50
5	64QAM	12	0	18.14	18.15	17.90	19.50
5	64QAM	12	7	18.04	18.22	17.83	19.50
5	64QAM	12	13	18.18	18.20	17.92	19.50
5	64QAM	25	0	18.08	18.11	18.04	19.50
5	256QAM	1	0	18.16	18.18	17.94	19.50
5	256QAM	1	12	18.13	18.22	17.87	19.50
5	256QAM	1	24	18.11	18.17	17.94	19.50
5	256QAM	12	0	18.14	18.23	17.93	19.50
5	256QAM	12	7	18.19	18.10	17.83	19.50
5	256QAM	12	13	18.09	18.13	17.81	19.50
5	256QAM	25	0	18.20	18.13	17.90	19.50
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	18.08	18.27	17.95	19.50
3	QPSK	1	8	18.08	18.30	17.91	19.50
3	QPSK	1	14	18.15	18.23	18.00	19.50
3	QPSK	8	0	18.14	18.15	17.86	19.50
3	QPSK	8	4	18.06	18.27	17.99	19.50
3	QPSK	8	7	18.13	18.09	17.92	19.50
3	QPSK	15	0	18.18	18.27	17.93	19.50
3	16QAM	1	0	18.20	18.15	18.02	19.50
3	16QAM	1	8	18.09	18.17	17.90	19.50
3	16QAM	1	14	18.09	18.18	17.95	19.50
3	16QAM	8	0	18.15	18.14	18.05	19.50
3	16QAM	8	4	18.11	18.23	17.92	19.50
3	16QAM	8	7	18.22	18.19	17.96	19.50
3	16QAM	15	0	18.07	18.23	17.92	19.50
3	64QAM	1	0	18.16	18.14	17.87	19.50
3	64QAM	1	8	18.02	18.25	17.93	19.50
3	64QAM	1	14	18.19	18.22	17.80	19.50
3	64QAM	8	0	18.16	18.24	17.84	19.50
3	64QAM	8	4	18.10	18.26	17.91	19.50
3	64QAM	8	7	18.13	18.13	17.83	19.50
3	64QAM	15	0	18.11	18.18	17.95	19.50
3	256QAM	1	0	18.16	18.22	17.90	19.50
3	256QAM	1	8	18.05	18.19	17.93	19.50
3	256QAM	1	14	18.10	18.13	17.98	19.50
3	256QAM	8	0	18.12	18.21	17.93	19.50
3	256QAM	8	4	18.05	18.17	17.89	19.50
3	256QAM	8	7	18.16	18.24	17.82	19.50
3	256QAM	15	0	18.16	18.25	17.92	19.50
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	18.07	18.21	17.95	19.50
1.4	QPSK	1	3	18.10	18.19	17.91	19.50
1.4	QPSK	1	5	18.20	18.21	17.93	19.50
1.4	QPSK	3	0	18.13	18.18	17.95	19.50
1.4	QPSK	3	1	18.11	18.22	17.94	19.50
1.4	QPSK	3	3	18.11	18.15	17.99	19.50
1.4	QPSK	6	0	18.12	18.25	17.89	19.50
1.4	16QAM	1	0	18.19	18.18	18.05	19.50
1.4	16QAM	1	3	18.03	18.11	17.92	19.50
1.4	16QAM	1	5	18.11	18.22	17.92	19.50
1.4	16QAM	3	0	18.11	18.11	17.98	19.50
1.4	16QAM	3	1	18.02	18.26	17.88	19.50
1.4	16QAM	3	3	18.18	18.14	17.91	19.50
1.4	16QAM	6	0	18.14	18.19	17.87	19.50
1.4	64QAM	1	0	18.15	18.26	17.89	19.50
1.4	64QAM	1	3	18.11	18.16	17.99	19.50
1.4	64QAM	1	5	18.10	18.22	17.91	19.50
1.4	64QAM	3	0	18.16	18.12	17.90	19.50
1.4	64QAM	3	1	18.04	18.33	17.79	19.50
1.4	64QAM	3	3	18.13	18.11	17.81	19.50
1.4	64QAM	6	0	18.05	18.19	18.01	19.50
1.4	256QAM	1	0	18.04	18.16	17.84	19.50
1.4	256QAM	1	3	18.14	18.17	17.90	19.50
1.4	256QAM	1	5	18.08	18.21	18.00	19.50
1.4	256QAM	3	0	18.21	18.23	18.04	19.50
1.4	256QAM	3	1	18.16	18.21	17.79	19.50
1.4	256QAM	3	3	18.12	18.20	17.86	19.50
1.4	256QAM	6	0	18.15	18.21	17.92	19.50

【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	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	24.14	24.19	24.15	25.10
20	QPSK	1	49	24.07	24.00	24.07	25.10
20	QPSK	1	99	23.92	24.11	23.99	25.10
20	QPSK	50	0	23.02	23.27	23.12	24.10
20	QPSK	50	24	23.07	23.10	23.09	24.10
20	QPSK	50	50	22.92	23.13	23.15	24.10
20	QPSK	100	0	23.00	23.23	23.22	24.10
20	16QAM	1	0	23.06	23.20	23.09	24.10
20	16QAM	1	49	23.02	23.12	23.08	24.10
20	16QAM	1	99	23.00	23.13	23.13	24.10
20	16QAM	50	0	21.95	22.27	22.04	23.10
20	16QAM	50	24	22.01	22.19	22.12	23.10
20	16QAM	50	50	22.03	22.18	22.16	23.10
20	16QAM	100	0	22.02	22.10	22.05	23.10
20	64QAM	1	0	22.04	22.19	22.13	23.10
20	64QAM	1	49	22.04	22.29	22.12	23.10
20	64QAM	1	99	22.02	22.14	22.13	23.10
20	64QAM	50	0	20.98	21.14	21.24	22.10
20	64QAM	50	24	21.07	21.17	21.08	22.10
20	64QAM	50	50	20.98	21.21	21.19	22.10
20	64QAM	100	0	21.04	21.16	21.08	22.10
20	256QAM	1	0	18.90	19.24	19.13	20.10
20	256QAM	1	49	19.08	19.19	19.16	20.10
20	256QAM	1	99	19.01	19.17	19.13	20.10
20	256QAM	50	0	19.06	19.25	19.11	20.10
20	256QAM	50	24	18.90	19.11	19.10	20.10
20	256QAM	50	50	18.99	19.10	19.15	20.10
20	256QAM	100	0	18.95	19.17	19.12	20.10
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	24.02	24.05	24.08	25.10
15	QPSK	1	37	24.04	23.89	23.97	25.10
15	QPSK	1	74	23.84	24.00	23.88	25.10
15	QPSK	36	0	23.00	23.20	22.99	24.10
15	QPSK	36	20	23.04	22.95	23.04	24.10
15	QPSK	36	39	22.83	22.98	23.04	24.10
15	QPSK	75	0	22.87	23.11	23.17	24.10
15	16QAM	1	0	22.94	23.13	23.00	24.10
15	16QAM	1	37	22.97	23.03	23.01	24.10
15	16QAM	1	74	22.86	23.11	23.05	24.10
15	16QAM	36	0	21.93	22.13	21.99	23.10
15	16QAM	36	20	21.94	22.17	21.98	23.10
15	16QAM	36	39	21.89	22.13	22.12	23.10
15	16QAM	75	0	21.92	22.07	22.02	23.10
15	64QAM	1	0	21.93	22.07	22.01	23.10
15	64QAM	1	37	22.00	22.26	22.07	23.10
15	64QAM	1	74	21.90	22.09	22.05	23.10
15	64QAM	36	0	20.95	21.11	21.10	22.10
15	64QAM	36	20	20.97	21.04	21.06	22.10
15	64QAM	36	39	20.92	21.07	21.18	22.10
15	64QAM	75	0	20.94	21.08	21.00	22.10
15	256QAM	1	0	18.87	19.14	19.03	20.10
15	256QAM	1	37	19.00	19.06	19.10	20.10
15	256QAM	1	74	18.97	19.14	19.08	20.10
15	256QAM	36	0	19.01	19.20	19.01	20.10
15	256QAM	36	20	18.87	19.08	18.98	20.10
15	256QAM	36	39	18.98	19.06	19.07	20.10
15	256QAM	75	0	18.81	19.09	19.03	20.10
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	24.12	24.07	24.02	25.10
10	QPSK	1	25	23.99	23.96	24.02	25.10
10	QPSK	1	49	23.88	24.07	23.88	25.10
10	QPSK	25	0	22.91	23.21	23.02	24.10
10	QPSK	25	12	23.00	22.96	23.07	24.10
10	QPSK	25	25	22.78	23.06	23.03	24.10
10	QPSK	50	0	22.97	23.21	23.10	24.10
10	16QAM	1	0	23.05	23.18	22.97	24.10
10	16QAM	1	25	22.97	22.99	22.95	24.10

10	16QAM	1	49	22.99	23.07	23.11	24.10
10	16QAM	25	0	21.89	22.22	21.96	23.10
10	16QAM	25	12	21.93	22.04	22.08	23.10
10	16QAM	25	25	21.92	22.16	22.07	23.10
10	16QAM	50	0	21.99	22.03	21.94	23.10
10	64QAM	1	0	22.00	22.16	22.04	23.10
10	64QAM	1	25	21.93	22.21	22.04	23.10
10	64QAM	1	49	21.96	22.08	22.07	23.10
10	64QAM	25	0	20.90	21.02	21.12	22.10
10	64QAM	25	12	21.04	21.05	21.06	22.10
10	64QAM	25	25	20.88	21.15	21.15	22.10
10	64QAM	50	0	21.00	21.13	20.95	22.10
10	256QAM	1	0	18.84	19.23	19.11	20.10
10	256QAM	1	25	18.94	19.15	19.10	20.10
10	256QAM	1	49	18.98	19.07	19.05	20.10
10	256QAM	25	0	18.92	19.10	19.07	20.10
10	256QAM	25	12	18.78	19.07	18.97	20.10
10	256QAM	25	25	18.90	18.98	19.09	20.10
10	256QAM	50	0	18.87	19.05	19.07	20.10
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	24.05	24.06	24.07	25.10
5	QPSK	1	12	23.96	23.91	24.05	25.10
5	QPSK	1	24	23.82	24.05	23.88	25.10
5	QPSK	12	0	22.99	23.14	23.03	24.10
5	QPSK	12	7	22.95	22.96	23.01	24.10
5	QPSK	12	13	22.80	23.11	23.09	24.10
5	QPSK	25	0	22.88	23.16	23.20	24.10
5	16QAM	1	0	23.02	23.15	23.07	24.10
5	16QAM	1	12	22.89	23.02	22.95	24.10
5	16QAM	1	24	22.94	23.01	23.00	24.10
5	16QAM	12	0	21.85	22.17	21.93	23.10
5	16QAM	12	7	21.98	22.16	22.10	23.10
5	16QAM	12	13	21.91	22.11	22.10	23.10
5	16QAM	25	0	21.95	21.97	21.99	23.10
5	64QAM	1	0	22.01	22.16	21.99	23.10
5	64QAM	1	12	22.01	22.17	21.99	23.10
5	64QAM	1	24	21.89	22.07	22.07	23.10
5	64QAM	12	0	20.86	21.03	21.19	22.10
5	64QAM	12	7	21.04	21.14	21.01	22.10
5	64QAM	12	13	20.84	21.11	21.08	22.10
5	64QAM	25	0	21.00	21.09	20.97	22.10
5	256QAM	1	0	18.85	19.20	18.98	20.10
5	256QAM	1	12	18.98	19.05	19.14	20.10
5	256QAM	1	24	18.95	19.14	19.03	20.10
5	256QAM	12	0	19.04	19.17	19.00	20.10
5	256QAM	12	7	18.85	18.98	19.04	20.10
5	256QAM	12	13	18.95	19.00	19.07	20.10
5	256QAM	25	0	18.93	19.03	19.06	20.10

【LTE Band 7_Ant 5_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	24.14	24.19	24.15	25.10
20	QPSK	1	49	24.07	24.00	24.07	25.10
20	QPSK	1	99	23.92	24.11	23.99	25.10
20	QPSK	50	0	23.02	23.27	23.12	24.10
20	QPSK	50	24	23.07	23.10	23.09	24.10
20	QPSK	50	50	22.92	23.13	23.15	24.10
20	QPSK	100	0	23.00	23.23	23.22	24.10
20	16QAM	1	0	23.06	23.20	23.09	24.10
20	16QAM	1	49	23.02	23.12	23.08	24.10
20	16QAM	1	99	23.00	23.13	23.13	24.10
20	16QAM	50	0	21.95	22.27	22.04	23.10
20	16QAM	50	24	22.01	22.19	22.12	23.10
20	16QAM	50	50	22.03	22.18	22.16	23.10
20	16QAM	100	0	22.02	22.10	22.05	23.10
20	64QAM	1	0	22.04	22.19	22.13	23.10
20	64QAM	1	49	22.04	22.29	22.12	23.10
20	64QAM	1	99	22.02	22.14	22.13	23.10

20	64QAM	50	0	20.98	21.14	21.24	22.10
20	64QAM	50	24	21.07	21.17	21.08	22.10
20	64QAM	50	50	20.98	21.21	21.19	22.10
20	64QAM	100	0	21.04	21.16	21.08	22.10
20	256QAM	1	0	18.90	19.24	19.13	20.10
20	256QAM	1	49	19.08	19.19	19.16	20.10
20	256QAM	1	99	19.01	19.17	19.13	20.10
20	256QAM	50	0	19.06	19.25	19.11	20.10
20	256QAM	50	24	18.90	19.11	19.10	20.10
20	256QAM	50	50	18.99	19.10	19.15	20.10
20	256QAM	100	0	18.95	19.17	19.12	20.10
Channel				20825	21100	21375	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	QPSK	1	0	24.02	24.05	24.08	25.10
15	QPSK	1	37	24.04	23.89	23.97	25.10
15	QPSK	1	74	23.84	24.00	23.88	25.10
15	QPSK	36	0	23.00	23.20	22.99	24.10
15	QPSK	36	20	23.04	22.95	23.04	24.10
15	QPSK	36	39	22.83	22.98	23.04	24.10
15	QPSK	75	0	22.87	23.11	23.17	24.10
15	16QAM	1	0	22.94	23.13	23.00	24.10
15	16QAM	1	37	22.97	23.03	23.01	24.10
15	16QAM	1	74	22.86	23.11	23.05	24.10
15	16QAM	36	0	21.93	22.13	21.99	23.10
15	16QAM	36	20	21.94	22.17	21.98	23.10
15	16QAM	36	39	21.89	22.13	22.12	23.10
15	16QAM	75	0	21.92	22.07	22.02	23.10
15	64QAM	1	0	21.93	22.07	22.01	23.10
15	64QAM	1	37	22.00	22.26	22.07	23.10
15	64QAM	1	74	21.90	22.09	22.05	23.10
15	64QAM	36	0	20.95	21.11	21.10	22.10
15	64QAM	36	20	20.97	21.04	21.06	22.10
15	64QAM	36	39	20.92	21.07	21.18	22.10
15	64QAM	75	0	20.94	21.08	21.00	22.10
15	256QAM	1	0	18.87	19.14	19.03	20.10
15	256QAM	1	37	19.00	19.06	19.10	20.10
15	256QAM	1	74	18.97	19.14	19.08	20.10
15	256QAM	36	0	19.01	19.20	19.01	20.10
15	256QAM	36	20	18.87	19.08	18.98	20.10
15	256QAM	36	39	18.98	19.06	19.07	20.10
15	256QAM	75	0	18.81	19.09	19.03	20.10
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	24.12	24.07	24.02	25.10
10	QPSK	1	25	23.99	23.96	24.02	25.10
10	QPSK	1	49	23.88	24.07	23.88	25.10
10	QPSK	25	0	22.91	23.21	23.02	24.10
10	QPSK	25	12	23.00	22.96	23.07	24.10
10	QPSK	25	25	22.78	23.06	23.03	24.10
10	QPSK	50	0	22.97	23.21	23.10	24.10
10	16QAM	1	0	23.05	23.18	22.97	24.10
10	16QAM	1	25	22.97	22.99	22.95	24.10
10	16QAM	1	49	22.99	23.07	23.11	24.10
10	16QAM	25	0	21.89	22.22	21.96	23.10
10	16QAM	25	12	21.93	22.04	22.08	23.10
10	16QAM	25	25	21.92	22.16	22.07	23.10
10	16QAM	50	0	21.99	22.03	21.94	23.10
10	64QAM	1	0	22.00	22.16	22.04	23.10
10	64QAM	1	25	21.93	22.21	22.04	23.10
10	64QAM	1	49	21.96	22.08	22.07	23.10
10	64QAM	25	0	20.90	21.02	21.12	22.10
10	64QAM	25	12	21.04	21.05	21.06	22.10
10	64QAM	25	25	20.88	21.15	21.15	22.10
10	64QAM	50	0	21.00	21.13	20.95	22.10
10	256QAM	1	0	18.84	19.23	19.11	20.10
10	256QAM	1	25	18.94	19.15	19.10	20.10
10	256QAM	1	49	18.98	19.07	19.05	20.10
10	256QAM	25	0	18.92	19.10	19.07	20.10
10	256QAM	25	12	18.78	19.07	18.97	20.10
10	256QAM	25	25	18.90	18.98	19.09	20.10
10	256QAM	50	0	18.87	19.05	19.07	20.10
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	24.05	24.06	24.07	25.10
5	QPSK	1	12	23.96	23.91	24.05	25.10
5	QPSK	1	24	23.82	24.05	23.88	25.10
5	QPSK	12	0	22.99	23.14	23.03	24.10
5	QPSK	12	7	22.95	22.96	23.01	24.10

5	QPSK	12	13	22.80	23.11	23.09	24.10
5	QPSK	25	0	22.88	23.16	23.20	24.10
5	16QAM	1	0	23.02	23.15	23.07	24.10
5	16QAM	1	12	22.89	23.02	22.95	24.10
5	16QAM	1	24	22.94	23.01	23.00	24.10
5	16QAM	12	0	21.85	22.17	21.93	23.10
5	16QAM	12	7	21.98	22.16	22.10	23.10
5	16QAM	12	13	21.91	22.11	22.10	23.10
5	16QAM	25	0	21.95	21.97	21.99	23.10
5	64QAM	1	0	22.01	22.16	21.99	23.10
5	64QAM	1	12	22.01	22.17	21.99	23.10
5	64QAM	1	24	21.89	22.07	22.07	23.10
5	64QAM	12	0	20.86	21.03	21.19	22.10
5	64QAM	12	7	21.04	21.14	21.01	22.10
5	64QAM	12	13	20.84	21.11	21.08	22.10
5	64QAM	25	0	21.00	21.09	20.97	22.10
5	256QAM	1	0	18.85	19.20	18.98	20.10
5	256QAM	1	12	18.98	19.05	19.14	20.10
5	256QAM	1	24	18.95	19.14	19.03	20.10
5	256QAM	12	0	19.04	19.17	19.00	20.10
5	256QAM	12	7	18.85	18.98	19.04	20.10
5	256QAM	12	13	18.95	19.00	19.07	20.10
5	256QAM	25	0	18.93	19.03	19.06	20.10

【LTE Band 7_Ant 5_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	13.15	13.25	13.18	14.50
20	QPSK	1	49	13.11	13.19	13.17	14.50
20	QPSK	1	99	13.10	13.19	13.15	14.50
20	QPSK	50	0	13.19	13.21	13.20	14.50
20	QPSK	50	24	13.18	13.18	13.19	14.50
20	QPSK	50	50	13.11	13.15	13.11	14.50
20	QPSK	100	0	13.18	13.20	13.17	14.50
20	16QAM	1	0	13.11	13.18	13.15	14.50
20	16QAM	1	49	13.18	13.20	13.17	14.50
20	16QAM	1	99	13.10	13.14	13.13	14.50
20	16QAM	50	0	13.18	13.19	13.14	14.50
20	16QAM	50	24	13.11	13.16	13.17	14.50
20	16QAM	50	50	13.10	13.17	13.16	14.50
20	16QAM	100	0	13.10	13.16	13.14	14.50
20	64QAM	1	0	13.14	13.17	13.18	14.50
20	64QAM	1	49	13.14	13.15	13.11	14.50
20	64QAM	1	99	13.11	13.18	13.17	14.50
20	64QAM	50	0	13.11	13.18	13.18	14.50
20	64QAM	50	24	13.18	13.15	13.17	14.50
20	64QAM	50	50	13.10	13.12	13.17	14.50
20	64QAM	100	0	13.14	13.18	13.16	14.50
20	256QAM	1	0	13.17	13.18	13.13	14.50
20	256QAM	1	49	13.09	13.19	13.19	14.50
20	256QAM	1	99	13.19	13.10	13.16	14.50
20	256QAM	50	0	13.17	13.15	13.17	14.50
20	256QAM	50	24	13.15	13.17	13.20	14.50
20	256QAM	50	50	13.11	13.17	13.14	14.50
20	256QAM	100	0	13.11	13.17	13.12	14.50
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	13.06	13.11	13.07	14.50
15	QPSK	1	37	13.06	13.15	13.15	14.50
15	QPSK	1	74	13.15	13.16	13.10	14.50
15	QPSK	36	0	13.05	13.17	13.09	14.50
15	QPSK	36	20	13.15	13.09	13.17	14.50
15	QPSK	36	39	13.17	13.18	13.09	14.50
15	QPSK	75	0	13.10	13.12	13.19	14.50
15	16QAM	1	0	13.07	13.06	13.12	14.50
15	16QAM	1	37	13.11	13.09	13.03	14.50
15	16QAM	1	74	13.00	13.08	13.05	14.50
15	16QAM	36	0	13.04	13.16	13.06	14.50
15	16QAM	36	20	13.00	13.20	13.11	14.50
15	16QAM	36	39	12.98	13.10	13.08	14.50

15	16QAM	75	0	12.97	13.08	13.08	14.50
15	64QAM	1	0	13.05	13.15	13.14	14.50
15	64QAM	1	37	13.04	13.11	13.10	14.50
15	64QAM	1	74	13.02	13.15	13.17	14.50
15	64QAM	36	0	13.06	13.15	13.17	14.50
15	64QAM	36	20	13.12	13.13	13.09	14.50
15	64QAM	36	39	13.05	13.19	13.12	14.50
15	64QAM	75	0	13.05	13.03	13.15	14.50
15	256QAM	1	0	13.14	13.10	12.98	14.50
15	256QAM	1	37	13.02	13.11	13.08	14.50
15	256QAM	1	74	13.11	13.20	13.13	14.50
15	256QAM	36	0	13.03	13.11	13.10	14.50
15	256QAM	36	20	13.09	13.12	13.07	14.50
15	256QAM	36	39	13.07	13.06	13.06	14.50
15	256QAM	75	0	13.00	13.12	12.99	14.50
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	13.09	13.11	13.11	14.50
10	QPSK	1	25	13.13	13.04	13.04	14.50
10	QPSK	1	49	13.18	13.08	13.00	14.50
10	QPSK	25	0	13.08	13.12	13.08	14.50
10	QPSK	25	12	13.03	13.07	13.09	14.50
10	QPSK	25	25	13.16	13.15	13.08	14.50
10	QPSK	50	0	13.12	13.10	13.06	14.50
10	16QAM	1	0	13.08	13.12	13.04	14.50
10	16QAM	1	25	13.15	13.17	13.12	14.50
10	16QAM	1	49	13.04	13.13	13.04	14.50
10	16QAM	25	0	13.08	13.15	13.01	14.50
10	16QAM	25	12	12.97	13.13	13.16	14.50
10	16QAM	25	25	13.02	13.10	13.18	14.50
10	16QAM	50	0	12.97	13.07	13.07	14.50
10	64QAM	1	0	13.11	13.08	13.04	14.50
10	64QAM	1	25	13.02	13.18	13.19	14.50
10	64QAM	1	49	13.01	13.21	13.07	14.50
10	64QAM	25	0	12.98	13.10	13.09	14.50
10	64QAM	25	12	13.08	13.18	13.08	14.50
10	64QAM	25	25	12.98	13.20	13.13	14.50
10	64QAM	50	0	13.08	13.14	13.05	14.50
10	256QAM	1	0	13.03	13.09	13.01	14.50
10	256QAM	1	25	12.96	13.10	13.06	14.50
10	256QAM	1	49	13.11	13.08	13.11	14.50
10	256QAM	25	0	13.04	13.19	13.07	14.50
10	256QAM	25	12	13.06	13.14	13.06	14.50
10	256QAM	25	25	13.06	13.03	13.07	14.50
10	256QAM	50	0	13.06	13.04	13.01	14.50
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	13.12	13.13	13.12	14.50
5	QPSK	1	12	13.12	13.11	13.09	14.50
5	QPSK	1	24	13.18	13.06	13.03	14.50
5	QPSK	12	0	13.13	13.09	13.16	14.50
5	QPSK	12	7	13.05	13.20	13.09	14.50
5	QPSK	12	13	13.04	13.17	13.03	14.50
5	QPSK	25	0	13.08	13.19	13.08	14.50
5	16QAM	1	0	13.09	13.14	13.07	14.50
5	16QAM	1	12	13.16	13.05	13.07	14.50
5	16QAM	1	24	13.08	13.18	13.10	14.50
5	16QAM	12	0	13.14	13.12	13.07	14.50
5	16QAM	12	7	12.99	13.19	13.12	14.50
5	16QAM	12	13	12.95	13.10	13.11	14.50
5	16QAM	25	0	13.04	13.12	13.08	14.50
5	64QAM	1	0	13.02	13.11	13.07	14.50
5	64QAM	1	12	13.11	13.11	13.14	14.50
5	64QAM	1	24	13.01	13.20	13.12	14.50
5	64QAM	12	0	13.06	13.10	13.11	14.50
5	64QAM	12	7	13.16	13.11	13.05	14.50
5	64QAM	12	13	12.96	13.17	13.14	14.50
5	64QAM	25	0	13.09	13.11	13.15	14.50
5	256QAM	1	0	13.09	13.07	13.02	14.50
5	256QAM	1	12	12.96	13.13	13.14	14.50
5	256QAM	1	24	13.11	13.11	13.02	14.50
5	256QAM	12	0	13.06	13.18	13.14	14.50
5	256QAM	12	7	13.13	13.06	13.09	14.50
5	256QAM	12	13	13.09	13.06	13.18	14.50
5	256QAM	25	0	13.08	13.10	13.08	14.50

【LTE Band 7_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				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	24.22	24.27	24.05	25.10
20	QPSK	1	49	24.11	24.05	24.15	25.10
20	QPSK	1	99	24.03	24.13	24.15	25.10
20	QPSK	50	0	22.98	23.37	23.13	24.10
20	QPSK	50	24	23.11	23.26	23.11	24.10
20	QPSK	50	50	23.03	23.24	23.20	24.10
20	QPSK	100	0	22.97	23.20	23.28	24.10
20	16QAM	1	0	23.10	23.28	23.14	24.10
20	16QAM	1	49	22.96	23.31	23.02	24.10
20	16QAM	1	99	23.10	23.25	23.10	24.10
20	16QAM	50	0	22.14	22.37	22.13	23.10
20	16QAM	50	24	22.13	22.28	22.23	23.10
20	16QAM	50	50	22.06	22.39	22.22	23.10
20	16QAM	100	0	22.09	22.31	22.07	23.10
20	64QAM	1	0	22.14	22.21	22.28	23.10
20	64QAM	1	49	22.10	22.20	22.20	23.10
20	64QAM	1	99	22.13	22.18	22.24	23.10
20	64QAM	50	0	21.05	21.25	21.23	22.10
20	64QAM	50	24	21.07	21.32	21.14	22.10
20	64QAM	50	50	21.03	21.33	21.32	22.10
20	64QAM	100	0	21.11	21.32	21.13	22.10
20	256QAM	1	0	19.01	19.26	19.23	20.10
20	256QAM	1	49	19.02	19.29	19.17	20.10
20	256QAM	1	99	19.00	19.20	19.19	20.10
20	256QAM	50	0	19.06	19.30	19.19	20.10
20	256QAM	50	24	18.99	19.19	19.24	20.10
20	256QAM	50	50	19.00	19.23	19.23	20.10
20	256QAM	100	0	19.10	19.20	19.17	20.10
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	24.19	24.18	23.92	25.10
15	QPSK	1	37	24.06	23.96	24.11	25.10
15	QPSK	1	74	23.92	23.99	24.06	25.10
15	QPSK	36	0	22.95	23.29	22.99	24.10
15	QPSK	36	20	22.97	23.18	23.09	24.10
15	QPSK	36	39	22.96	23.22	23.16	24.10
15	QPSK	75	0	22.83	23.18	23.27	24.10
15	16QAM	1	0	23.05	23.20	23.01	24.10
15	16QAM	1	37	22.94	23.19	23.00	24.10
15	16QAM	1	74	23.01	23.14	23.06	24.10
15	16QAM	36	0	22.04	22.36	22.09	23.10
15	16QAM	36	20	22.03	22.26	22.15	23.10
15	16QAM	36	39	21.97	22.30	22.07	23.10
15	16QAM	75	0	21.98	22.17	21.97	23.10
15	64QAM	1	0	22.00	22.16	22.15	23.10
15	64QAM	1	37	22.02	22.16	22.12	23.10
15	64QAM	1	74	22.02	22.13	22.18	23.10
15	64QAM	36	0	21.01	21.16	21.14	22.10
15	64QAM	36	20	20.98	21.27	21.06	22.10
15	64QAM	36	39	20.90	21.31	21.19	22.10
15	64QAM	75	0	20.99	21.31	21.01	22.10
15	256QAM	1	0	18.97	19.13	19.17	20.10
15	256QAM	1	37	18.88	19.16	19.08	20.10
15	256QAM	1	74	18.95	19.07	19.07	20.10
15	256QAM	36	0	19.00	19.22	19.16	20.10
15	256QAM	36	20	18.94	19.12	19.13	20.10
15	256QAM	36	39	18.93	19.16	19.19	20.10
15	256QAM	75	0	19.09	19.06	19.05	20.10
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	24.18	24.24	24.02	25.10
10	QPSK	1	25	23.98	23.99	24.13	25.10
10	QPSK	1	49	23.96	24.02	24.04	25.10
10	QPSK	25	0	22.91	23.35	23.11	24.10
10	QPSK	25	12	23.03	23.12	23.06	24.10
10	QPSK	25	25	23.00	23.18	23.15	24.10
10	QPSK	50	0	22.89	23.13	23.22	24.10
10	16QAM	1	0	22.99	23.23	23.02	24.10
10	16QAM	1	25	22.86	23.24	22.92	24.10

10	16QAM	1	49	22.97	23.13	22.95	24.10
10	16QAM	25	0	22.05	22.30	22.06	23.10
10	16QAM	25	12	22.06	22.26	22.15	23.10
10	16QAM	25	25	21.99	22.31	22.11	23.10
10	16QAM	50	0	21.99	22.20	21.96	23.10
10	64QAM	1	0	22.08	22.07	22.20	23.10
10	64QAM	1	25	22.03	22.14	22.13	23.10
10	64QAM	1	49	22.08	22.16	22.18	23.10
10	64QAM	25	0	20.92	21.13	21.09	22.10
10	64QAM	25	12	20.93	21.27	21.08	22.10
10	64QAM	25	25	21.00	21.28	21.24	22.10
10	64QAM	50	0	21.06	21.21	21.08	22.10
10	256QAM	1	0	18.89	19.23	19.10	20.10
10	256QAM	1	25	18.89	19.21	19.03	20.10
10	256QAM	1	49	18.93	19.14	19.07	20.10
10	256QAM	25	0	18.92	19.18	19.17	20.10
10	256QAM	25	12	18.94	19.15	19.13	20.10
10	256QAM	25	25	18.90	19.15	19.18	20.10
10	256QAM	50	0	19.07	19.11	19.13	20.10
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	24.12	24.20	23.94	25.10
5	QPSK	1	12	24.08	23.95	24.05	25.10
5	QPSK	1	24	23.89	24.10	24.14	25.10
5	QPSK	12	0	22.96	23.23	23.10	24.10
5	QPSK	12	7	23.09	23.14	22.99	24.10
5	QPSK	12	13	23.01	23.18	23.05	24.10
5	QPSK	25	0	22.95	23.09	23.13	24.10
5	16QAM	1	0	23.01	23.15	23.02	24.10
5	16QAM	1	12	22.94	23.25	22.90	24.10
5	16QAM	1	24	23.07	23.17	23.06	24.10
5	16QAM	12	0	22.03	22.27	21.99	23.10
5	16QAM	12	7	22.00	22.18	22.18	23.10
5	16QAM	12	13	21.99	22.37	22.11	23.10
5	16QAM	25	0	22.07	22.17	21.98	23.10
5	64QAM	1	0	22.10	22.11	22.26	23.10
5	64QAM	1	12	22.04	22.06	22.13	23.10
5	64QAM	1	24	22.07	22.12	22.21	23.10
5	64QAM	12	0	21.03	21.17	21.14	22.10
5	64QAM	12	7	21.04	21.29	21.06	22.10
5	64QAM	12	13	21.00	21.22	21.27	22.10
5	64QAM	25	0	21.10	21.22	21.08	22.10
5	256QAM	1	0	18.93	19.13	19.21	20.10
5	256QAM	1	12	18.91	19.28	19.05	20.10
5	256QAM	1	24	18.85	19.18	19.05	20.10
5	256QAM	12	0	19.00	19.16	19.05	20.10
5	256QAM	12	7	18.93	19.14	19.18	20.10
5	256QAM	12	13	18.86	19.16	19.19	20.10
5	256QAM	25	0	18.96	19.10	19.06	20.10

【LTE Band 7_Ant 8_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	24.22	24.27	24.05	25.10
20	QPSK	1	49	24.11	24.05	24.15	25.10
20	QPSK	1	99	24.03	24.13	24.15	25.10
20	QPSK	50	0	22.98	23.37	23.13	24.10
20	QPSK	50	24	23.11	23.26	23.11	24.10
20	QPSK	50	50	23.03	23.24	23.20	24.10
20	QPSK	100	0	22.97	23.20	23.28	24.10
20	16QAM	1	0	23.10	23.28	23.14	24.10
20	16QAM	1	49	22.96	23.31	23.02	24.10
20	16QAM	1	99	23.10	23.25	23.10	24.10
20	16QAM	50	0	22.14	22.37	22.13	23.10
20	16QAM	50	24	22.13	22.28	22.23	23.10
20	16QAM	50	50	22.06	22.39	22.22	23.10
20	16QAM	100	0	22.09	22.31	22.07	23.10
20	64QAM	1	0	22.14	22.21	22.28	23.10
20	64QAM	1	49	22.10	22.20	22.20	23.10
20	64QAM	1	99	22.13	22.18	22.24	23.10

20	64QAM	50	0	21.05	21.25	21.23	22.10
20	64QAM	50	24	21.07	21.32	21.14	22.10
20	64QAM	50	50	21.03	21.33	21.32	22.10
20	64QAM	100	0	21.11	21.32	21.13	22.10
20	256QAM	1	0	19.01	19.26	19.23	20.10
20	256QAM	1	49	19.02	19.29	19.17	20.10
20	256QAM	1	99	19.00	19.20	19.19	20.10
20	256QAM	50	0	19.06	19.30	19.19	20.10
20	256QAM	50	24	18.99	19.19	19.24	20.10
20	256QAM	50	50	19.00	19.23	19.23	20.10
20	256QAM	100	0	19.10	19.20	19.17	20.10
Channel				20825	21100	21375	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	QPSK	1	0	24.19	24.18	23.92	25.10
15	QPSK	1	37	24.06	23.96	24.11	25.10
15	QPSK	1	74	23.92	23.99	24.06	25.10
15	QPSK	36	0	22.95	23.29	22.99	24.10
15	QPSK	36	20	22.97	23.18	23.09	24.10
15	QPSK	36	39	22.96	23.22	23.16	24.10
15	QPSK	75	0	22.83	23.18	23.27	24.10
15	16QAM	1	0	23.05	23.20	23.01	24.10
15	16QAM	1	37	22.94	23.19	23.00	24.10
15	16QAM	1	74	23.01	23.14	23.06	24.10
15	16QAM	36	0	22.04	22.36	22.09	23.10
15	16QAM	36	20	22.03	22.26	22.15	23.10
15	16QAM	36	39	21.97	22.30	22.07	23.10
15	16QAM	75	0	21.98	22.17	21.97	23.10
15	64QAM	1	0	22.00	22.16	22.15	23.10
15	64QAM	1	37	22.02	22.16	22.12	23.10
15	64QAM	1	74	22.02	22.13	22.18	23.10
15	64QAM	36	0	21.01	21.16	21.14	22.10
15	64QAM	36	20	20.98	21.27	21.06	22.10
15	64QAM	36	39	20.90	21.31	21.19	22.10
15	64QAM	75	0	20.99	21.31	21.01	22.10
15	256QAM	1	0	18.97	19.13	19.17	20.10
15	256QAM	1	37	18.88	19.16	19.08	20.10
15	256QAM	1	74	18.95	19.07	19.07	20.10
15	256QAM	36	0	19.00	19.22	19.16	20.10
15	256QAM	36	20	18.94	19.12	19.13	20.10
15	256QAM	36	39	18.93	19.16	19.19	20.10
15	256QAM	75	0	19.09	19.06	19.05	20.10
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	24.18	24.24	24.02	25.10
10	QPSK	1	25	23.98	23.99	24.13	25.10
10	QPSK	1	49	23.96	24.02	24.04	25.10
10	QPSK	25	0	22.91	23.35	23.11	24.10
10	QPSK	25	12	23.03	23.12	23.06	24.10
10	QPSK	25	25	23.00	23.18	23.15	24.10
10	QPSK	50	0	22.89	23.13	23.22	24.10
10	16QAM	1	0	22.99	23.23	23.02	24.10
10	16QAM	1	25	22.86	23.24	22.92	24.10
10	16QAM	1	49	22.97	23.13	22.95	24.10
10	16QAM	25	0	22.05	22.30	22.06	23.10
10	16QAM	25	12	22.06	22.26	22.15	23.10
10	16QAM	25	25	21.99	22.31	22.11	23.10
10	16QAM	50	0	21.99	22.20	21.96	23.10
10	64QAM	1	0	22.08	22.07	22.20	23.10
10	64QAM	1	25	22.03	22.14	22.13	23.10
10	64QAM	1	49	22.08	22.16	22.18	23.10
10	64QAM	25	0	20.92	21.13	21.09	22.10
10	64QAM	25	12	20.93	21.27	21.08	22.10
10	64QAM	25	25	21.00	21.28	21.24	22.10
10	64QAM	50	0	21.06	21.21	21.08	22.10
10	256QAM	1	0	18.89	19.23	19.10	20.10
10	256QAM	1	25	18.89	19.21	19.03	20.10
10	256QAM	1	49	18.93	19.14	19.07	20.10
10	256QAM	25	0	18.92	19.18	19.17	20.10
10	256QAM	25	12	18.94	19.15	19.13	20.10
10	256QAM	25	25	18.90	19.15	19.18	20.10
10	256QAM	50	0	19.07	19.11	19.13	20.10
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	24.12	24.20	23.94	25.10
5	QPSK	1	12	24.08	23.95	24.05	25.10
5	QPSK	1	24	23.89	24.10	24.14	25.10
5	QPSK	12	0	22.96	23.23	23.10	24.10
5	QPSK	12	7	23.09	23.14	22.99	24.10

5	QPSK	12	13	23.01	23.18	23.05	24.10
5	QPSK	25	0	22.95	23.09	23.13	24.10
5	16QAM	1	0	23.01	23.15	23.02	24.10
5	16QAM	1	12	22.94	23.25	22.90	24.10
5	16QAM	1	24	23.07	23.17	23.06	24.10
5	16QAM	12	0	22.03	22.27	21.99	23.10
5	16QAM	12	7	22.00	22.18	22.18	23.10
5	16QAM	12	13	21.99	22.37	22.11	23.10
5	16QAM	25	0	22.07	22.17	21.98	23.10
5	64QAM	1	0	22.10	22.11	22.26	23.10
5	64QAM	1	12	22.04	22.06	22.13	23.10
5	64QAM	1	24	22.07	22.12	22.21	23.10
5	64QAM	12	0	21.03	21.17	21.14	22.10
5	64QAM	12	7	21.04	21.29	21.06	22.10
5	64QAM	12	13	21.00	21.22	21.27	22.10
5	64QAM	25	0	21.10	21.22	21.08	22.10
5	256QAM	1	0	18.93	19.13	19.21	20.10
5	256QAM	1	12	18.91	19.28	19.05	20.10
5	256QAM	1	24	18.85	19.18	19.05	20.10
5	256QAM	12	0	19.00	19.16	19.05	20.10
5	256QAM	12	7	18.93	19.14	19.18	20.10
5	256QAM	12	13	18.86	19.16	19.19	20.10
5	256QAM	25	0	18.96	19.10	19.06	20.10

【LTE Band 7_Ant 8_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	13.72	13.85	13.73	14.90
20	QPSK	1	49	13.70	13.70	13.64	14.90
20	QPSK	1	99	13.71	13.71	13.55	14.90
20	QPSK	50	0	13.76	13.79	13.75	14.90
20	QPSK	50	24	13.74	13.71	13.60	14.90
20	QPSK	50	50	13.44	13.72	13.63	14.90
20	QPSK	100	0	13.69	13.71	13.62	14.90
20	16QAM	1	0	13.70	13.72	13.63	14.90
20	16QAM	1	49	13.71	13.77	13.58	14.90
20	16QAM	1	99	13.70	13.74	13.56	14.90
20	16QAM	50	0	13.73	13.72	13.54	14.90
20	16QAM	50	24	13.67	13.69	13.60	14.90
20	16QAM	50	50	13.75	13.75	13.57	14.90
20	16QAM	100	0	13.76	13.77	13.59	14.90
20	64QAM	1	0	13.77	13.76	13.56	14.90
20	64QAM	1	49	13.73	13.72	13.52	14.90
20	64QAM	1	99	13.77	13.75	13.64	14.90
20	64QAM	50	0	13.74	13.74	13.54	14.90
20	64QAM	50	24	13.68	13.78	13.62	14.90
20	64QAM	50	50	13.69	13.71	13.63	14.90
20	64QAM	100	0	13.78	13.70	13.60	14.90
20	256QAM	1	0	13.68	13.71	13.61	14.90
20	256QAM	1	49	13.78	13.73	13.61	14.90
20	256QAM	1	99	13.71	13.69	13.65	14.90
20	256QAM	50	0	13.77	13.70	13.68	14.90
20	256QAM	50	24	13.71	13.74	13.61	14.90
20	256QAM	50	50	13.72	13.68	13.54	14.90
20	256QAM	100	0	13.76	13.70	13.61	14.90
Channel				20825	21100	21375	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	13.64	13.73	13.45	14.90
15	QPSK	1	37	13.72	13.73	13.50	14.90
15	QPSK	1	74	13.56	13.63	13.45	14.90
15	QPSK	36	0	13.63	13.68	13.53	14.90
15	QPSK	36	20	13.64	13.62	13.59	14.90
15	QPSK	36	39	13.69	13.68	13.50	14.90
15	QPSK	75	0	13.58	13.73	13.57	14.90
15	16QAM	1	0	13.58	13.71	13.60	14.90
15	16QAM	1	37	13.62	13.66	13.49	14.90
15	16QAM	1	74	13.67	13.74	13.52	14.90
15	16QAM	36	0	13.70	13.69	13.52	14.90
15	16QAM	36	20	13.67	13.72	13.52	14.90
15	16QAM	36	39	13.61	13.62	13.50	14.90

15	16QAM	75	0	13.64	13.62	13.46	14.90
15	64QAM	1	0	13.67	13.62	13.46	14.90
15	64QAM	1	37	13.70	13.67	13.47	14.90
15	64QAM	1	74	13.74	13.75	13.53	14.90
15	64QAM	36	0	13.74	13.67	13.45	14.90
15	64QAM	36	20	13.75	13.70	13.54	14.90
15	64QAM	36	39	13.60	13.73	13.55	14.90
15	64QAM	75	0	13.73	13.72	13.47	14.90
15	256QAM	1	0	13.74	13.72	13.58	14.90
15	256QAM	1	37	13.73	13.72	13.53	14.90
15	256QAM	1	74	13.59	13.65	13.58	14.90
15	256QAM	36	0	13.64	13.66	13.57	14.90
15	256QAM	36	20	13.69	13.66	13.48	14.90
15	256QAM	36	39	13.62	13.69	13.46	14.90
15	256QAM	75	0	13.65	13.68	13.55	14.90
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	13.63	13.70	13.50	14.90
10	QPSK	1	25	13.70	13.75	13.50	14.90
10	QPSK	1	49	13.59	13.72	13.53	14.90
10	QPSK	25	0	13.60	13.70	13.46	14.90
10	QPSK	25	12	13.60	13.64	13.51	14.90
10	QPSK	25	25	13.65	13.68	13.59	14.90
10	QPSK	50	0	13.66	13.65	13.54	14.90
10	16QAM	1	0	13.59	13.69	13.49	14.90
10	16QAM	1	25	13.65	13.76	13.46	14.90
10	16QAM	1	49	13.59	13.72	13.49	14.90
10	16QAM	25	0	13.60	13.65	13.40	14.90
10	16QAM	25	12	13.76	13.66	13.47	14.90
10	16QAM	25	25	13.69	13.67	13.46	14.90
10	16QAM	50	0	13.67	13.65	13.57	14.90
10	64QAM	1	0	13.73	13.63	13.46	14.90
10	64QAM	1	25	13.65	13.72	13.38	14.90
10	64QAM	1	49	13.74	13.70	13.51	14.90
10	64QAM	25	0	13.65	13.67	13.44	14.90
10	64QAM	25	12	13.72	13.64	13.54	14.90
10	64QAM	25	25	13.66	13.68	13.58	14.90
10	64QAM	50	0	13.70	13.77	13.56	14.90
10	256QAM	1	0	13.72	13.71	13.49	14.90
10	256QAM	1	25	13.66	13.64	13.59	14.90
10	256QAM	1	49	13.64	13.65	13.54	14.90
10	256QAM	25	0	13.73	13.72	13.54	14.90
10	256QAM	25	12	13.58	13.61	13.47	14.90
10	256QAM	25	25	13.68	13.63	13.42	14.90
10	256QAM	50	0	13.70	13.69	13.50	14.90
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	13.68	13.70	13.55	14.90
5	QPSK	1	12	13.69	13.78	13.55	14.90
5	QPSK	1	24	13.58	13.64	13.52	14.90
5	QPSK	12	0	13.60	13.77	13.48	14.90
5	QPSK	12	7	13.68	13.63	13.46	14.90
5	QPSK	12	13	13.69	13.64	13.61	14.90
5	QPSK	25	0	13.56	13.68	13.50	14.90
5	16QAM	1	0	13.68	13.72	13.55	14.90
5	16QAM	1	12	13.57	13.69	13.49	14.90
5	16QAM	1	24	13.58	13.74	13.53	14.90
5	16QAM	12	0	13.61	13.74	13.52	14.90
5	16QAM	12	7	13.70	13.73	13.45	14.90
5	16QAM	12	13	13.64	13.62	13.51	14.90
5	16QAM	25	0	13.71	13.63	13.45	14.90
5	64QAM	1	0	13.72	13.72	13.48	14.90
5	64QAM	1	12	13.67	13.73	13.47	14.90
5	64QAM	1	24	13.71	13.82	13.52	14.90
5	64QAM	12	0	13.70	13.65	13.49	14.90
5	64QAM	12	7	13.71	13.72	13.57	14.90
5	64QAM	12	13	13.60	13.75	13.54	14.90
5	64QAM	25	0	13.76	13.70	13.53	14.90
5	256QAM	1	0	13.77	13.68	13.46	14.90
5	256QAM	1	12	13.71	13.63	13.51	14.90
5	256QAM	1	24	13.69	13.64	13.57	14.90
5	256QAM	12	0	13.75	13.78	13.55	14.90
5	256QAM	12	7	13.57	13.70	13.57	14.90
5	256QAM	12	13	13.68	13.71	13.41	14.90
5	256QAM	25	0	13.72	13.69	13.60	14.90

【LTE Band 12_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				23060	23095	23130	
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	23.92	24.05	23.86	25.10
10	QPSK	1	25	23.95	23.95	24.01	25.10
10	QPSK	1	49	23.84	23.97	23.85	25.10
10	QPSK	25	0	22.91	23.16	22.93	24.10
10	QPSK	25	12	22.96	23.06	23.06	24.10
10	QPSK	25	25	22.89	23.06	23.03	24.10
10	QPSK	50	0	22.86	23.05	23.09	24.10
10	16QAM	1	0	22.93	23.13	23.00	24.10
10	16QAM	1	25	22.90	23.14	22.96	24.10
10	16QAM	1	49	22.97	23.09	23.04	24.10
10	16QAM	25	0	21.91	22.24	21.94	23.10
10	16QAM	25	12	22.00	22.03	22.02	23.10
10	16QAM	25	25	21.91	22.07	21.96	23.10
10	16QAM	50	0	21.86	21.99	21.94	23.10
10	64QAM	1	0	21.88	22.08	21.98	23.10
10	64QAM	1	25	21.96	22.07	21.94	23.10
10	64QAM	1	49	21.95	22.13	21.97	23.10
10	64QAM	25	0	20.83	21.09	21.06	22.10
10	64QAM	25	12	20.91	21.16	20.96	22.10
10	64QAM	25	25	20.84	21.12	21.05	22.10
10	64QAM	50	0	20.91	21.12	21.05	22.10
10	256QAM	1	0	18.85	19.13	19.08	20.10
10	256QAM	1	25	18.99	19.09	19.05	20.10
10	256QAM	1	49	18.88	19.06	19.11	20.10
10	256QAM	25	0	18.97	19.09	19.02	20.10
10	256QAM	25	12	18.87	19.06	19.00	20.10
10	256QAM	25	25	18.84	19.09	19.02	20.10
10	256QAM	50	0	18.90	19.11	19.07	20.10
Channel				23035	23095	23115	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	23.90	24.01	23.72	25.10
5	QPSK	1	12	23.81	23.89	23.87	25.10
5	QPSK	1	24	23.75	23.91	23.78	25.10
5	QPSK	12	0	22.85	23.03	22.80	24.10
5	QPSK	12	7	22.83	22.98	23.04	24.10
5	QPSK	12	13	22.87	23.04	22.92	24.10
5	QPSK	25	0	22.76	22.91	23.04	24.10
5	16QAM	1	0	22.83	23.15	22.97	24.10
5	16QAM	1	12	22.83	23.04	22.83	24.10
5	16QAM	1	24	22.84	22.94	22.96	24.10
5	16QAM	12	0	21.79	22.17	21.84	23.10
5	16QAM	12	7	21.97	21.92	21.98	23.10
5	16QAM	12	13	21.89	21.96	21.87	23.10
5	16QAM	25	0	21.79	21.84	21.93	23.10
5	64QAM	1	0	21.83	22.02	21.95	23.10
5	64QAM	1	12	21.92	21.95	21.91	23.10
5	64QAM	1	24	21.91	21.99	21.94	23.10
5	64QAM	12	0	20.75	21.07	20.99	22.10
5	64QAM	12	7	20.79	21.12	20.87	22.10
5	64QAM	12	13	20.69	21.00	20.96	22.10
5	64QAM	25	0	20.87	21.08	20.94	22.10
5	256QAM	1	0	18.77	18.99	18.99	20.10
5	256QAM	1	12	18.87	19.01	18.92	20.10
5	256QAM	1	24	18.85	19.00	19.04	20.10
5	256QAM	12	0	18.83	19.03	18.87	20.10
5	256QAM	12	7	18.85	18.95	18.90	20.10
5	256QAM	12	13	18.78	19.00	18.90	20.10
5	256QAM	25	0	18.86	19.00	18.96	20.10
Channel				23025	23095	23165	Tune-up limit (dBm)
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	23.85	23.99	23.77	25.10
3	QPSK	1	8	23.89	23.87	23.92	25.10
3	QPSK	1	14	23.74	23.87	23.79	25.10
3	QPSK	8	0	22.90	23.08	22.83	24.10
3	QPSK	8	4	22.88	22.92	23.02	24.10
3	QPSK	8	7	22.81	22.91	22.91	24.10
3	QPSK	15	0	22.80	23.02	23.06	24.10
3	16QAM	1	0	22.80	23.07	22.91	24.10
3	16QAM	1	8	22.77	23.13	22.89	24.10

3	16QAM	1	14	22.87	23.07	22.89	24.10
3	16QAM	8	0	21.77	22.10	21.85	23.10
3	16QAM	8	4	21.93	21.90	21.94	23.10
3	16QAM	8	7	21.77	22.06	21.84	23.10
3	16QAM	15	0	21.77	21.94	21.86	23.10
3	64QAM	1	0	21.78	21.95	21.83	23.10
3	64QAM	1	8	21.83	22.04	21.87	23.10
3	64QAM	1	14	21.82	22.04	21.87	23.10
3	64QAM	8	0	20.76	21.05	20.95	22.10
3	64QAM	8	4	20.80	21.01	20.93	22.10
3	64QAM	8	7	20.76	21.06	20.97	22.10
3	64QAM	15	0	20.86	21.07	20.99	22.10
3	256QAM	1	0	18.82	19.11	19.05	20.10
3	256QAM	1	8	18.89	18.95	18.94	20.10
3	256QAM	1	14	18.82	19.02	19.01	20.10
3	256QAM	8	0	18.85	18.96	18.90	20.10
3	256QAM	8	4	18.80	18.94	18.98	20.10
3	256QAM	8	7	18.80	19.01	19.00	20.10
3	256QAM	15	0	18.79	18.97	19.03	20.10
Channel				23017	23095	23173	Tune-up limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	23.89	23.94	23.77	25.10
1.4	QPSK	1	3	23.93	23.87	23.99	25.10
1.4	QPSK	1	5	23.70	23.89	23.74	25.10
1.4	QPSK	3	0	23.88	24.14	23.91	25.10
1.4	QPSK	3	1	23.83	24.04	23.93	25.10
1.4	QPSK	3	3	23.82	23.95	24.01	25.10
1.4	QPSK	6	0	22.80	22.97	22.97	24.10
1.4	16QAM	1	0	22.89	23.04	22.94	24.10
1.4	16QAM	1	3	22.89	23.07	22.87	24.10
1.4	16QAM	1	5	22.91	22.97	23.00	24.10
1.4	16QAM	3	0	22.81	23.14	22.80	24.10
1.4	16QAM	3	1	22.91	22.92	22.94	24.10
1.4	16QAM	3	3	22.80	23.02	22.86	24.10
1.4	16QAM	6	0	21.81	21.92	21.90	23.10
1.4	64QAM	1	0	21.86	21.96	21.92	23.10
1.4	64QAM	1	3	21.83	22.05	21.83	23.10
1.4	64QAM	1	5	21.81	22.11	21.91	23.10
1.4	64QAM	3	0	21.74	21.95	22.02	23.10
1.4	64QAM	3	1	21.85	22.06	21.87	23.10
1.4	64QAM	3	3	21.76	22.05	22.03	23.10
1.4	64QAM	6	0	20.87	21.03	20.97	22.10
1.4	256QAM	1	0	18.73	19.07	19.00	20.10
1.4	256QAM	1	3	18.84	18.99	19.00	20.10
1.4	256QAM	1	5	18.80	18.99	19.04	20.10
1.4	256QAM	3	0	18.82	19.02	18.88	20.10
1.4	256QAM	3	1	18.79	18.97	18.98	20.10
1.4	256QAM	3	3	18.69	18.99	18.92	20.10
1.4	256QAM	6	0	18.77	19.05	19.04	20.10

【LTE Band 12_Ant 8_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23060	23095	23130	
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	23.92	24.05	23.86	25.10
10	QPSK	1	25	23.95	23.95	24.01	25.10
10	QPSK	1	49	23.84	23.97	23.85	25.10
10	QPSK	25	0	22.91	23.16	22.93	24.10
10	QPSK	25	12	22.96	23.06	23.06	24.10
10	QPSK	25	25	22.89	23.06	23.03	24.10
10	QPSK	50	0	22.86	23.05	23.09	24.10
10	16QAM	1	0	22.93	23.13	23.00	24.10
10	16QAM	1	25	22.90	23.14	22.96	24.10
10	16QAM	1	49	22.97	23.09	23.04	24.10
10	16QAM	25	0	21.91	22.24	21.94	23.10
10	16QAM	25	12	22.00	22.03	22.02	23.10
10	16QAM	25	25	21.91	22.07	21.96	23.10
10	16QAM	50	0	21.86	21.99	21.94	23.10
10	64QAM	1	0	21.88	22.08	21.98	23.10
10	64QAM	1	25	21.96	22.07	21.94	23.10
10	64QAM	1	49	21.95	22.13	21.97	23.10

10	64QAM	25	0	20.83	21.09	21.06	22.10
10	64QAM	25	12	20.91	21.16	20.96	22.10
10	64QAM	25	25	20.84	21.12	21.05	22.10
10	64QAM	50	0	20.91	21.12	21.05	22.10
10	256QAM	1	0	18.85	19.13	19.08	20.10
10	256QAM	1	25	18.99	19.09	19.05	20.10
10	256QAM	1	49	18.88	19.06	19.11	20.10
10	256QAM	25	0	18.97	19.09	19.02	20.10
10	256QAM	25	12	18.87	19.06	19.00	20.10
10	256QAM	25	25	18.84	19.09	19.02	20.10
10	256QAM	50	0	18.90	19.11	19.07	20.10
Channel				23035	23095	23115	Tune-up limit
Frequency (MHz)				701.5	707.5	713.5	(dBm)
5	QPSK	1	0	23.90	24.01	23.72	25.10
5	QPSK	1	12	23.81	23.89	23.87	25.10
5	QPSK	1	24	23.75	23.91	23.78	25.10
5	QPSK	12	0	22.85	23.03	22.80	24.10
5	QPSK	12	7	22.83	22.98	23.04	24.10
5	QPSK	12	13	22.87	23.04	22.92	24.10
5	QPSK	25	0	22.76	22.91	23.04	24.10
5	16QAM	1	0	22.83	23.15	22.97	24.10
5	16QAM	1	12	22.83	23.04	22.83	24.10
5	16QAM	1	24	22.84	22.94	22.96	24.10
5	16QAM	12	0	21.79	22.17	21.84	23.10
5	16QAM	12	7	21.97	21.92	21.98	23.10
5	16QAM	12	13	21.89	21.96	21.87	23.10
5	16QAM	25	0	21.79	21.84	21.93	23.10
5	64QAM	1	0	21.83	22.02	21.95	23.10
5	64QAM	1	12	21.92	21.95	21.91	23.10
5	64QAM	1	24	21.91	21.99	21.94	23.10
5	64QAM	12	0	20.75	21.07	20.99	22.10
5	64QAM	12	7	20.79	21.12	20.87	22.10
5	64QAM	12	13	20.69	21.00	20.96	22.10
5	64QAM	25	0	20.87	21.08	20.94	22.10
5	256QAM	1	0	18.77	18.99	18.99	20.10
5	256QAM	1	12	18.87	19.01	18.92	20.10
5	256QAM	1	24	18.85	19.00	19.04	20.10
5	256QAM	12	0	18.83	19.03	18.87	20.10
5	256QAM	12	7	18.85	18.95	18.90	20.10
5	256QAM	12	13	18.78	19.00	18.90	20.10
5	256QAM	25	0	18.86	19.00	18.96	20.10
Channel				23025	23095	23165	Tune-up limit
Frequency (MHz)				700.5	707.5	714.5	(dBm)
3	QPSK	1	0	23.85	23.99	23.77	25.10
3	QPSK	1	8	23.89	23.87	23.92	25.10
3	QPSK	1	14	23.74	23.87	23.79	25.10
3	QPSK	8	0	22.90	23.08	22.83	24.10
3	QPSK	8	4	22.88	22.92	23.02	24.10
3	QPSK	8	7	22.81	22.91	22.91	24.10
3	QPSK	15	0	22.80	23.02	23.06	24.10
3	16QAM	1	0	22.80	23.07	22.91	24.10
3	16QAM	1	8	22.77	23.13	22.89	24.10
3	16QAM	1	14	22.87	23.07	22.89	24.10
3	16QAM	8	0	21.77	22.10	21.85	23.10
3	16QAM	8	4	21.93	21.90	21.94	23.10
3	16QAM	8	7	21.77	22.06	21.84	23.10
3	16QAM	15	0	21.77	21.94	21.86	23.10
3	64QAM	1	0	21.78	21.95	21.83	23.10
3	64QAM	1	8	21.83	22.04	21.87	23.10
3	64QAM	1	14	21.82	22.04	21.87	23.10
3	64QAM	8	0	20.76	21.05	20.95	22.10
3	64QAM	8	4	20.80	21.01	20.93	22.10
3	64QAM	8	7	20.76	21.06	20.97	22.10
3	64QAM	15	0	20.86	21.07	20.99	22.10
3	256QAM	1	0	18.82	19.11	19.05	20.10
3	256QAM	1	8	18.89	18.95	18.94	20.10
3	256QAM	1	14	18.82	19.02	19.01	20.10
3	256QAM	8	0	18.85	18.96	18.90	20.10
3	256QAM	8	4	18.80	18.94	18.98	20.10
3	256QAM	8	7	18.80	19.01	19.00	20.10
3	256QAM	15	0	18.79	18.97	19.03	20.10
Channel				23017	23095	23173	Tune-up limit
Frequency (MHz)				699.7	707.5	715.3	(dBm)
1.4	QPSK	1	0	23.89	23.94	23.77	25.10
1.4	QPSK	1	3	23.93	23.87	23.99	25.10
1.4	QPSK	1	5	23.70	23.89	23.74	25.10
1.4	QPSK	3	0	23.88	24.14	23.91	25.10
1.4	QPSK	3	1	23.83	24.04	23.93	25.10

1.4	QPSK	3	3	23.82	23.95	24.01	25.10
1.4	QPSK	6	0	22.80	22.97	22.97	24.10
1.4	16QAM	1	0	22.89	23.04	22.94	24.10
1.4	16QAM	1	3	22.89	23.07	22.87	24.10
1.4	16QAM	1	5	22.91	22.97	23.00	24.10
1.4	16QAM	3	0	22.81	23.14	22.80	24.10
1.4	16QAM	3	1	22.91	22.92	22.94	24.10
1.4	16QAM	3	3	22.80	23.02	22.86	24.10
1.4	16QAM	6	0	21.81	21.92	21.90	23.10
1.4	64QAM	1	0	21.86	21.96	21.92	23.10
1.4	64QAM	1	3	21.83	22.05	21.83	23.10
1.4	64QAM	1	5	21.81	22.11	21.91	23.10
1.4	64QAM	3	0	21.74	21.95	22.02	23.10
1.4	64QAM	3	1	21.85	22.06	21.87	23.10
1.4	64QAM	3	3	21.76	22.05	22.03	23.10
1.4	64QAM	6	0	20.87	21.03	20.97	22.10
1.4	256QAM	1	0	18.73	19.07	19.00	20.10
1.4	256QAM	1	3	18.84	18.99	19.00	20.10
1.4	256QAM	1	5	18.80	18.99	19.04	20.10
1.4	256QAM	3	0	18.82	19.02	18.88	20.10
1.4	256QAM	3	1	18.79	18.97	18.98	20.10
1.4	256QAM	3	3	18.69	18.99	18.92	20.10
1.4	256QAM	6	0	18.77	19.05	19.04	20.10

【LTE Band 12_Ant 8_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23060	23095	23130	
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	20.45	20.63	20.44	21.80
10	QPSK	1	25	20.40	20.52	20.39	21.80
10	QPSK	1	49	20.47	20.53	20.38	21.80
10	QPSK	25	0	20.38	20.55	20.31	21.80
10	QPSK	25	12	20.39	20.50	20.32	21.80
10	QPSK	25	25	20.43	20.54	20.32	21.80
10	QPSK	50	0	20.42	20.54	20.35	21.80
10	16QAM	1	0	20.46	20.54	20.34	21.80
10	16QAM	1	25	20.42	20.44	20.39	21.80
10	16QAM	1	49	20.39	20.50	20.31	21.80
10	16QAM	25	0	20.39	20.43	20.36	21.80
10	16QAM	25	12	20.37	20.44	20.32	21.80
10	16QAM	25	25	20.38	20.46	20.41	21.80
10	16QAM	50	0	20.41	20.45	20.41	21.80
10	64QAM	1	0	20.45	20.50	20.39	21.80
10	64QAM	1	25	20.49	20.50	20.33	21.80
10	64QAM	1	49	20.40	20.55	20.32	21.80
10	64QAM	25	0	20.46	20.54	20.32	21.80
10	64QAM	25	12	20.45	20.48	20.37	21.80
10	64QAM	25	25	20.39	20.50	20.39	21.80
10	64QAM	50	0	20.39	20.51	20.38	21.80
10	256QAM	1	0	18.78	18.88	18.65	20.10
10	256QAM	1	25	18.76	18.87	18.76	20.10
10	256QAM	1	49	18.72	18.96	18.62	20.10
10	256QAM	25	0	18.74	18.82	18.68	20.10
10	256QAM	25	12	18.82	18.89	18.59	20.10
10	256QAM	25	25	18.82	18.82	18.68	20.10
10	256QAM	50	0	18.78	18.88	18.65	20.10
Channel				23035	23095	23115	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	20.30	20.50	20.41	21.80
5	QPSK	1	12	20.35	20.41	20.29	21.80
5	QPSK	1	24	20.45	20.51	20.25	21.80
5	QPSK	12	0	20.26	20.40	20.24	21.80
5	QPSK	12	7	20.30	20.39	20.20	21.80
5	QPSK	12	13	20.37	20.48	20.24	21.80
5	QPSK	25	0	20.28	20.50	20.31	21.80
5	16QAM	1	0	20.40	20.49	20.21	21.80
5	16QAM	1	12	20.41	20.46	20.36	21.80
5	16QAM	1	24	20.35	20.46	20.18	21.80
5	16QAM	12	0	20.36	20.44	20.22	21.80
5	16QAM	12	7	20.41	20.41	20.20	21.80
5	16QAM	12	13	20.45	20.43	20.32	21.80

5	16QAM	25	0	20.36	20.41	20.34	21.80
5	64QAM	1	0	20.30	20.39	20.30	21.80
5	64QAM	1	12	20.46	20.45	20.27	21.80
5	64QAM	1	24	20.36	20.46	20.20	21.80
5	64QAM	12	0	20.33	20.43	20.25	21.80
5	64QAM	12	7	20.31	20.50	20.28	21.80
5	64QAM	12	13	20.32	20.53	20.33	21.80
5	64QAM	25	0	20.31	20.47	20.34	21.80
5	256QAM	1	0	18.68	18.76	18.53	20.10
5	256QAM	1	12	18.70	18.85	18.71	20.10
5	256QAM	1	24	18.65	18.93	18.51	20.10
5	256QAM	12	0	18.71	18.80	18.59	20.10
5	256QAM	12	7	18.80	18.81	18.50	20.10
5	256QAM	12	13	18.70	18.73	18.59	20.10
5	256QAM	25	0	18.70	18.82	18.52	20.10
Channel				23025	23095	23165	Tune-up limit
Frequency (MHz)				700.5	707.5	714.5	(dBm)
3	QPSK	1	0	20.42	20.48	20.32	21.80
3	QPSK	1	8	20.32	20.45	20.29	21.80
3	QPSK	1	14	20.41	20.46	20.35	21.80
3	QPSK	8	0	20.24	20.47	20.24	21.80
3	QPSK	8	4	20.31	20.44	20.21	21.80
3	QPSK	8	7	20.36	20.49	20.17	21.80
3	QPSK	15	0	20.28	20.43	20.27	21.80
3	16QAM	1	0	20.37	20.47	20.25	21.80
3	16QAM	1	8	20.33	20.52	20.27	21.80
3	16QAM	1	14	20.31	20.48	20.25	21.80
3	16QAM	8	0	20.43	20.44	20.32	21.80
3	16QAM	8	4	20.33	20.44	20.31	21.80
3	16QAM	8	7	20.36	20.54	20.34	21.80
3	16QAM	15	0	20.40	20.45	20.27	21.80
3	64QAM	1	0	20.36	20.43	20.26	21.80
3	64QAM	1	8	20.40	20.52	20.20	21.80
3	64QAM	1	14	20.34	20.43	20.20	21.80
3	64QAM	8	0	20.43	20.50	20.19	21.80
3	64QAM	8	4	20.34	20.47	20.35	21.80
3	64QAM	8	7	20.28	20.49	20.38	21.80
3	64QAM	15	0	20.35	20.36	20.24	21.80
3	256QAM	1	0	18.66	18.75	18.54	20.10
3	256QAM	1	8	18.71	18.83	18.65	20.10
3	256QAM	1	14	18.67	18.87	18.55	20.10
3	256QAM	8	0	18.63	18.77	18.64	20.10
3	256QAM	8	4	18.79	18.76	18.58	20.10
3	256QAM	8	7	18.80	18.76	18.56	20.10
3	256QAM	15	0	18.71	18.74	18.63	20.10
Channel				23017	23095	23173	Tune-up limit
Frequency (MHz)				699.7	707.5	715.3	(dBm)
1.4	QPSK	1	0	20.43	20.52	20.34	21.80
1.4	QPSK	1	3	20.29	20.43	20.38	21.80
1.4	QPSK	1	5	20.39	20.55	20.32	21.80
1.4	QPSK	3	0	20.28	20.49	20.28	21.80
1.4	QPSK	3	1	20.26	20.44	20.23	21.80
1.4	QPSK	3	3	20.42	20.52	20.29	21.80
1.4	QPSK	6	0	20.41	20.45	20.26	21.80
1.4	16QAM	1	0	20.39	20.51	20.28	21.80
1.4	16QAM	1	3	20.40	20.49	20.32	21.80
1.4	16QAM	1	5	20.26	20.48	20.17	21.80
1.4	16QAM	3	0	20.38	20.46	20.29	21.80
1.4	16QAM	3	1	20.47	20.45	20.29	21.80
1.4	16QAM	3	3	20.43	20.52	20.33	21.80
1.4	16QAM	6	0	20.38	20.47	20.30	21.80
1.4	64QAM	1	0	20.43	20.48	20.25	21.80
1.4	64QAM	1	3	20.34	20.47	20.19	21.80
1.4	64QAM	1	5	20.38	20.42	20.19	21.80
1.4	64QAM	3	0	20.42	20.40	20.18	21.80
1.4	64QAM	3	1	20.31	20.56	20.33	21.80
1.4	64QAM	3	3	20.38	20.51	20.34	21.80
1.4	64QAM	6	0	20.29	20.45	20.23	21.80
1.4	256QAM	1	0	18.69	18.77	18.50	20.10
1.4	256QAM	1	3	18.62	18.73	18.67	20.10
1.4	256QAM	1	5	18.67	18.94	18.56	20.10
1.4	256QAM	3	0	18.63	18.79	18.61	20.10
1.4	256QAM	3	1	18.80	18.75	18.54	20.10
1.4	256QAM	3	3	18.81	18.77	18.59	20.10
1.4	256QAM	6	0	18.66	18.76	18.62	20.10

【LTE Band 13_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					23230		
Frequency (MHz)					782		
10	QPSK	1	0		23.60		24.50
10	QPSK	1	25		23.46		24.50
10	QPSK	1	49		23.48		24.50
10	QPSK	25	0		22.64		23.50
10	QPSK	25	12		22.48		23.50
10	QPSK	25	25		22.62		23.50
10	QPSK	50	0		22.63		23.50
10	16QAM	1	0		22.60		23.50
10	16QAM	1	25		22.62		23.50
10	16QAM	1	49		22.52		23.50
10	16QAM	25	0		21.64		22.50
10	16QAM	25	12		21.51		22.50
10	16QAM	25	25		21.64		22.50
10	16QAM	50	0		21.58		22.50
10	64QAM	1	0		21.59		22.50
10	64QAM	1	25		21.65		22.50
10	64QAM	1	49		21.54		22.50
10	64QAM	25	0		20.52		21.50
10	64QAM	25	12		20.61		21.50
10	64QAM	25	25		20.59		21.50
10	64QAM	50	0		20.67		21.50
10	256QAM	1	0		18.60		19.50
10	256QAM	1	25		18.60		19.50
10	256QAM	1	49		18.56		19.50
10	256QAM	25	0		18.65		19.50
10	256QAM	25	12		18.55		19.50
10	256QAM	25	25		18.53		19.50
10	256QAM	50	0		18.62		19.50
Channel				23205	23230	23255	Tune-up limit
Frequency (MHz)				779.5	782	784.5	(dBm)
5	QPSK	1	0	23.45	23.50	23.48	24.50
5	QPSK	1	12	23.30	23.38	23.30	24.50
5	QPSK	1	24	23.30	23.40	23.37	24.50
5	QPSK	12	0	22.46	22.51	22.51	23.50
5	QPSK	12	7	22.31	22.37	22.37	23.50
5	QPSK	12	13	22.50	22.52	22.54	23.50
5	QPSK	25	0	22.45	22.49	22.47	23.50
5	16QAM	1	0	22.53	22.56	22.53	23.50
5	16QAM	1	12	22.46	22.51	22.46	23.50
5	16QAM	1	24	22.43	22.37	22.43	23.50
5	16QAM	12	0	21.54	21.52	21.55	22.50
5	16QAM	12	7	21.32	21.39	21.43	22.50
5	16QAM	12	13	21.44	21.55	21.54	22.50
5	16QAM	25	0	21.39	21.50	21.50	22.50
5	64QAM	1	0	21.47	21.46	21.41	22.50
5	64QAM	1	12	21.55	21.48	21.48	22.50
5	64QAM	1	24	21.36	21.36	21.41	22.50
5	64QAM	12	0	20.33	20.37	20.43	21.50
5	64QAM	12	7	20.47	20.44	20.48	21.50
5	64QAM	12	13	20.43	20.41	20.47	21.50
5	64QAM	25	0	20.47	20.56	20.54	21.50
5	256QAM	1	0	18.50	18.49	18.45	19.50
5	256QAM	1	12	18.48	18.42	18.42	19.50
5	256QAM	1	24	18.38	18.41	18.41	19.50
5	256QAM	12	0	18.46	18.50	18.54	19.50
5	256QAM	12	7	18.37	18.46	18.36	19.50
5	256QAM	12	13	18.43	18.37	18.34	19.50
5	256QAM	25	0	18.53	18.46	18.51	19.50

【LTE Band 13_Ant 8_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		23.60		24.50
10	QPSK	1	25		23.46		24.50
10	QPSK	1	49		23.48		24.50
10	QPSK	25	0		22.64		23.50
10	QPSK	25	12		22.48		23.50
10	QPSK	25	25		22.62		23.50
10	QPSK	50	0		22.63		23.50
10	16QAM	1	0		22.60		23.50
10	16QAM	1	25		22.62		23.50
10	16QAM	1	49		22.52		23.50
10	16QAM	25	0		21.64		22.50
10	16QAM	25	12		21.51		22.50
10	16QAM	25	25		21.64		22.50
10	16QAM	50	0		21.58		22.50
10	64QAM	1	0		21.59		22.50
10	64QAM	1	25		21.65		22.50
10	64QAM	1	49		21.54		22.50
10	64QAM	25	0		20.52		21.50
10	64QAM	25	12		20.61		21.50
10	64QAM	25	25		20.59		21.50
10	64QAM	50	0		20.67		21.50
10	256QAM	1	0		18.60		19.50
10	256QAM	1	25		18.60		19.50
10	256QAM	1	49		18.56		19.50
10	256QAM	25	0		18.65		19.50
10	256QAM	25	12		18.55		19.50
10	256QAM	25	25		18.53		19.50
10	256QAM	50	0		18.62		19.50
Channel				23205	23230	23255	Tune-up limit
Frequency (MHz)				779.5	782	784.5	(dBm)
5	QPSK	1	0	23.45	23.50	23.48	24.50
5	QPSK	1	12	23.30	23.38	23.30	24.50
5	QPSK	1	24	23.30	23.40	23.37	24.50
5	QPSK	12	0	22.46	22.51	22.51	23.50
5	QPSK	12	7	22.31	22.37	22.37	23.50
5	QPSK	12	13	22.50	22.52	22.54	23.50
5	QPSK	25	0	22.45	22.49	22.47	23.50
5	16QAM	1	0	22.53	22.56	22.53	23.50
5	16QAM	1	12	22.46	22.51	22.46	23.50
5	16QAM	1	24	22.43	22.37	22.43	23.50
5	16QAM	12	0	21.54	21.52	21.55	22.50
5	16QAM	12	7	21.32	21.39	21.43	22.50
5	16QAM	12	13	21.44	21.55	21.54	22.50
5	16QAM	25	0	21.39	21.50	21.50	22.50
5	64QAM	1	0	21.47	21.46	21.41	22.50
5	64QAM	1	12	21.55	21.48	21.48	22.50
5	64QAM	1	24	21.36	21.36	21.41	22.50
5	64QAM	12	0	20.33	20.37	20.43	21.50
5	64QAM	12	7	20.47	20.44	20.48	21.50
5	64QAM	12	13	20.43	20.41	20.47	21.50
5	64QAM	25	0	20.47	20.56	20.54	21.50
5	256QAM	1	0	18.50	18.49	18.45	19.50
5	256QAM	1	12	18.48	18.42	18.42	19.50
5	256QAM	1	24	18.38	18.41	18.41	19.50
5	256QAM	12	0	18.46	18.50	18.54	19.50
5	256QAM	12	7	18.37	18.46	18.36	19.50
5	256QAM	12	13	18.43	18.37	18.34	19.50
5	256QAM	25	0	18.53	18.46	18.51	19.50

【LTE Band 13_Ant 8_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		20.21		21.50
10	QPSK	1	25		20.15		21.50
10	QPSK	1	49		20.15		21.50
10	QPSK	25	0		20.19		21.50
10	QPSK	25	12		20.10		21.50
10	QPSK	25	25		20.10		21.50
10	QPSK	50	0		20.11		21.50
10	16QAM	1	0		20.14		21.50
10	16QAM	1	25		20.12		21.50
10	16QAM	1	49		20.09		21.50
10	16QAM	25	0		20.14		21.50
10	16QAM	25	12		20.15		21.50
10	16QAM	25	25		20.15		21.50
10	16QAM	50	0		20.10		21.50
10	64QAM	1	0		20.08		21.50
10	64QAM	1	25		20.12		21.50
10	64QAM	1	49		20.15		21.50
10	64QAM	25	0		20.16		21.50
10	64QAM	25	12		20.17		21.50
10	64QAM	25	25		20.14		21.50
10	64QAM	50	0		20.11		21.50
10	256QAM	1	0		18.20		19.50
10	256QAM	1	25		18.11		19.50
10	256QAM	1	49		18.05		19.50
10	256QAM	25	0		18.09		19.50
10	256QAM	25	12		18.12		19.50
10	256QAM	25	25		18.07		19.50
10	256QAM	50	0		18.15		19.50
Channel				23205	23230	23255	Tune-up limit
Frequency (MHz)				779.5	782	784.5	(dBm)
5	QPSK	1	0	20.17	20.19	20.14	21.50
5	QPSK	1	12	20.06	20.09	19.92	21.50
5	QPSK	1	24	20.02	20.13	19.94	21.50
5	QPSK	12	0	20.01	20.04	19.90	21.50
5	QPSK	12	7	19.95	20.11	20.02	21.50
5	QPSK	12	13	19.94	20.08	20.02	21.50
5	QPSK	25	0	20.01	20.04	19.92	21.50
5	16QAM	1	0	20.01	20.08	19.93	21.50
5	16QAM	1	12	20.10	20.14	19.95	21.50
5	16QAM	1	24	19.99	20.09	20.02	21.50
5	16QAM	12	0	20.01	20.12	20.03	21.50
5	16QAM	12	7	20.00	20.11	19.99	21.50
5	16QAM	12	13	19.92	20.04	19.97	21.50
5	16QAM	25	0	20.01	20.11	19.95	21.50
5	64QAM	1	0	19.90	20.05	19.89	21.50
5	64QAM	1	12	20.00	20.10	19.94	21.50
5	64QAM	1	24	20.01	20.11	20.00	21.50
5	64QAM	12	0	20.04	20.10	20.00	21.50
5	64QAM	12	7	20.04	20.13	19.95	21.50
5	64QAM	12	13	20.01	20.09	19.91	21.50
5	64QAM	25	0	20.06	20.13	20.04	21.50
5	256QAM	1	0	18.03	18.13	17.95	19.50
5	256QAM	1	12	17.99	18.15	17.96	19.50
5	256QAM	1	24	18.01	18.10	18.01	19.50
5	256QAM	12	0	18.08	18.18	18.08	19.50
5	256QAM	12	7	18.14	18.17	18.02	19.50
5	256QAM	12	13	17.98	18.09	18.00	19.50
5	256QAM	25	0	18.06	18.13	17.98	19.50

【LTE Band 14_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					23330		
Frequency (MHz)					793		
10	QPSK	1	0		23.52		24.50
10	QPSK	1	25		23.36		24.50
10	QPSK	1	49		23.38		24.50
10	QPSK	25	0		22.51		23.50
10	QPSK	25	12		22.49		23.50
10	QPSK	25	25		22.44		23.50
10	QPSK	50	0		22.50		23.50
10	16QAM	1	0		22.47		23.50
10	16QAM	1	25		22.45		23.50
10	16QAM	1	49		22.48		23.50
10	16QAM	25	0		21.55		22.50
10	16QAM	25	12		21.46		22.50
10	16QAM	25	25		21.53		22.50
10	16QAM	50	0		21.41		22.50
10	64QAM	1	0		21.51		22.50
10	64QAM	1	25		21.58		22.50
10	64QAM	1	49		21.52		22.50
10	64QAM	25	0		20.44		21.50
10	64QAM	25	12		20.48		21.50
10	64QAM	25	25		20.53		21.50
10	64QAM	50	0		20.49		21.50
10	256QAM	1	0		18.44		19.50
10	256QAM	1	25		18.45		19.50
10	256QAM	1	49		18.53		19.50
10	256QAM	25	0		18.57		19.50
10	256QAM	25	12		18.40		19.50
10	256QAM	25	25		18.45		19.50
10	256QAM	50	0		18.47		19.50
Channel				23305	23330	23355	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	QPSK	1	0	23.33	23.33	23.39	24.50
5	QPSK	1	12	23.16	23.26	23.17	24.50
5	QPSK	1	24	23.21	23.27	23.27	24.50
5	QPSK	12	0	22.37	22.36	22.35	23.50
5	QPSK	12	7	22.39	22.39	22.35	23.50
5	QPSK	12	13	22.34	22.28	22.35	23.50
5	QPSK	25	0	22.40	22.42	22.45	23.50
5	16QAM	1	0	22.32	22.35	22.33	23.50
5	16QAM	1	12	22.29	22.28	22.31	23.50
5	16QAM	1	24	22.36	22.35	22.30	23.50
5	16QAM	12	0	21.42	21.42	21.46	22.50
5	16QAM	12	7	21.33	21.33	21.36	22.50
5	16QAM	12	13	21.40	21.35	21.36	22.50
5	16QAM	25	0	21.27	21.31	21.26	22.50
5	64QAM	1	0	21.40	21.32	21.31	22.50
5	64QAM	1	12	21.40	21.49	21.40	22.50
5	64QAM	1	24	21.43	21.40	21.36	22.50
5	64QAM	12	0	20.31	20.31	20.33	21.50
5	64QAM	12	7	20.30	20.33	20.32	21.50
5	64QAM	12	13	20.37	20.39	20.43	21.50
5	64QAM	25	0	20.47	20.38	20.39	21.50
5	256QAM	1	0	18.31	18.25	18.28	19.50
5	256QAM	1	12	18.27	18.29	18.36	19.50
5	256QAM	1	24	18.40	18.44	18.38	19.50
5	256QAM	12	0	18.48	18.49	18.44	19.50
5	256QAM	12	7	18.31	18.23	18.23	19.50
5	256QAM	12	13	18.27	18.36	18.33	19.50
5	256QAM	25	0	18.34	18.37	18.31	19.50

【LTE Band 14_Ant 8_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23330		
Frequency (MHz)					793		
10	QPSK	1	0		23.52		24.50
10	QPSK	1	25		23.36		24.50
10	QPSK	1	49		23.38		24.50
10	QPSK	25	0		22.51		23.50
10	QPSK	25	12		22.49		23.50
10	QPSK	25	25		22.44		23.50
10	QPSK	50	0		22.50		23.50
10	16QAM	1	0		22.47		23.50
10	16QAM	1	25		22.45		23.50
10	16QAM	1	49		22.48		23.50
10	16QAM	25	0		21.55		22.50
10	16QAM	25	12		21.46		22.50
10	16QAM	25	25		21.53		22.50
10	16QAM	50	0		21.41		22.50
10	64QAM	1	0		21.51		22.50
10	64QAM	1	25		21.58		22.50
10	64QAM	1	49		21.52		22.50
10	64QAM	25	0		20.44		21.50
10	64QAM	25	12		20.48		21.50
10	64QAM	25	25		20.53		21.50
10	64QAM	50	0		20.49		21.50
10	256QAM	1	0		18.44		19.50
10	256QAM	1	25		18.45		19.50
10	256QAM	1	49		18.53		19.50
10	256QAM	25	0		18.57		19.50
10	256QAM	25	12		18.40		19.50
10	256QAM	25	25		18.45		19.50
10	256QAM	50	0		18.47		19.50
Channel				23305	23330	23355	Tune-up limit
Frequency (MHz)				790.5	793	795.5	(dBm)
5	QPSK	1	0	23.33	23.33	23.39	24.50
5	QPSK	1	12	23.16	23.26	23.17	24.50
5	QPSK	1	24	23.21	23.27	23.27	24.50
5	QPSK	12	0	22.37	22.36	22.35	23.50
5	QPSK	12	7	22.39	22.39	22.35	23.50
5	QPSK	12	13	22.34	22.28	22.35	23.50
5	QPSK	25	0	22.40	22.42	22.45	23.50
5	16QAM	1	0	22.32	22.35	22.33	23.50
5	16QAM	1	12	22.29	22.28	22.31	23.50
5	16QAM	1	24	22.36	22.35	22.30	23.50
5	16QAM	12	0	21.42	21.42	21.46	22.50
5	16QAM	12	7	21.33	21.33	21.36	22.50
5	16QAM	12	13	21.40	21.35	21.36	22.50
5	16QAM	25	0	21.27	21.31	21.26	22.50
5	64QAM	1	0	21.40	21.32	21.31	22.50
5	64QAM	1	12	21.40	21.49	21.40	22.50
5	64QAM	1	24	21.43	21.40	21.36	22.50
5	64QAM	12	0	20.31	20.31	20.33	21.50
5	64QAM	12	7	20.30	20.33	20.32	21.50
5	64QAM	12	13	20.37	20.39	20.43	21.50
5	64QAM	25	0	20.47	20.38	20.39	21.50
5	256QAM	1	0	18.31	18.25	18.28	19.50
5	256QAM	1	12	18.27	18.29	18.36	19.50
5	256QAM	1	24	18.40	18.44	18.38	19.50
5	256QAM	12	0	18.48	18.49	18.44	19.50
5	256QAM	12	7	18.31	18.23	18.23	19.50
5	256QAM	12	13	18.27	18.36	18.33	19.50
5	256QAM	25	0	18.34	18.37	18.31	19.50

【LTE Band 14_Ant 8_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23330		
Frequency (MHz)					793		
10	QPSK	1	0		20.12		21.60
10	QPSK	1	25		20.01		21.60
10	QPSK	1	49		20.10		21.60
10	QPSK	25	0		20.09		21.60
10	QPSK	25	12		20.00		21.60
10	QPSK	25	25		20.03		21.60
10	QPSK	50	0		20.04		21.60
10	16QAM	1	0		20.08		21.60
10	16QAM	1	25		20.01		21.60
10	16QAM	1	49		20.05		21.60
10	16QAM	25	0		20.07		21.60
10	16QAM	25	12		20.06		21.60
10	16QAM	25	25		20.06		21.60
10	16QAM	50	0		20.03		21.60
10	64QAM	1	0		20.04		21.60
10	64QAM	1	25		20.07		21.60
10	64QAM	1	49		20.08		21.60
10	64QAM	25	0		19.98		21.50
10	64QAM	25	12		19.92		21.50
10	64QAM	25	25		19.95		21.50
10	64QAM	50	0		19.93		21.50
10	256QAM	1	0		17.96		19.50
10	256QAM	1	25		17.90		19.50
10	256QAM	1	49		17.92		19.50
10	256QAM	25	0		17.88		19.50
10	256QAM	25	12		17.85		19.50
10	256QAM	25	25		17.95		19.50
10	256QAM	50	0		17.93		19.50
Channel				23305	23330	23355	Tune-up limit
Frequency (MHz)				790.5	793	795.5	(dBm)
5	QPSK	1	0	20.01	20.07	20.06	21.60
5	QPSK	1	12	19.92	20.03	19.95	21.60
5	QPSK	1	24	19.98	20.00	19.88	21.60
5	QPSK	12	0	20.00	20.07	19.95	21.60
5	QPSK	12	7	19.88	20.03	20.00	21.60
5	QPSK	12	13	19.90	19.95	19.88	21.60
5	QPSK	25	0	19.94	20.01	19.91	21.60
5	16QAM	1	0	19.97	20.02	19.88	21.60
5	16QAM	1	12	19.93	19.99	19.95	21.60
5	16QAM	1	24	19.93	20.04	20.00	21.60
5	16QAM	12	0	19.94	20.04	20.02	21.60
5	16QAM	12	7	19.99	20.01	19.93	21.60
5	16QAM	12	13	19.93	20.01	19.87	21.60
5	16QAM	25	0	19.99	20.04	19.95	21.60
5	64QAM	1	0	19.95	20.05	19.97	21.60
5	64QAM	1	12	20.00	20.07	20.00	21.60
5	64QAM	1	24	19.96	19.98	19.92	21.60
5	64QAM	12	0	19.84	19.93	19.89	21.50
5	64QAM	12	7	19.85	19.94	19.80	21.50
5	64QAM	12	13	19.84	19.90	19.80	21.50
5	64QAM	25	0	19.93	19.94	19.91	21.50
5	256QAM	1	0	17.84	17.92	17.77	19.50
5	256QAM	1	12	17.78	17.88	17.82	19.50
5	256QAM	1	24	17.78	17.85	17.70	19.50
5	256QAM	12	0	17.76	17.86	17.72	19.50
5	256QAM	12	7	17.84	17.93	17.83	19.50
5	256QAM	12	13	17.82	17.90	17.76	19.50
5	256QAM	25	0	17.76	17.86	17.75	19.50

【LTE Band 17_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				23780	23790	23800	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	24.01	24.03	24.02	25.10
10	QPSK	1	25	23.88	23.91	23.96	25.10
10	QPSK	1	49	23.89	23.92	23.93	25.10
10	QPSK	25	0	22.84	23.20	22.93	24.10
10	QPSK	25	12	22.94	23.02	22.98	24.10
10	QPSK	25	25	22.84	23.08	23.04	24.10
10	QPSK	50	0	22.85	23.13	23.05	24.10
10	16QAM	1	0	22.97	23.07	22.96	24.10
10	16QAM	1	25	22.90	23.14	22.93	24.10
10	16QAM	1	49	22.93	23.03	22.99	24.10
10	16QAM	25	0	21.92	22.15	21.93	23.10
10	16QAM	25	12	21.95	22.05	22.00	23.10
10	16QAM	25	25	21.99	22.13	21.95	23.10
10	16QAM	50	0	21.90	22.04	21.92	23.10
10	64QAM	1	0	21.89	22.12	21.99	23.10
10	64QAM	1	25	21.91	22.17	21.97	23.10
10	64QAM	1	49	21.89	22.10	22.01	23.10
10	64QAM	25	0	20.88	21.08	21.12	22.10
10	64QAM	25	12	20.87	21.16	20.96	22.10
10	64QAM	25	25	20.87	21.16	21.07	22.10
10	64QAM	50	0	20.88	21.07	21.05	22.10
10	256QAM	1	0	18.83	19.07	19.06	20.10
10	256QAM	1	25	18.90	19.04	19.02	20.10
10	256QAM	1	49	18.87	19.03	19.02	20.10
10	256QAM	25	0	18.95	19.13	18.95	20.10
10	256QAM	25	12	18.89	19.07	19.04	20.10
10	256QAM	25	25	18.86	19.01	18.95	20.10
10	256QAM	50	0	18.85	19.07	18.96	20.10
Channel				23755	23790	23825	
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	24.03	24.04	23.99	25.10
5	QPSK	1	12	23.85	23.77	23.90	25.10
5	QPSK	1	24	23.79	23.88	23.83	25.10
5	QPSK	12	0	22.79	23.11	22.87	24.10
5	QPSK	12	7	22.84	23.00	22.94	24.10
5	QPSK	12	13	22.74	23.06	23.02	24.10
5	QPSK	25	0	22.81	23.07	23.02	24.10
5	16QAM	1	0	22.83	23.03	22.90	24.10
5	16QAM	1	12	22.86	23.08	22.84	24.10
5	16QAM	1	24	22.85	22.89	22.86	24.10
5	16QAM	12	0	21.83	22.12	21.87	23.10
5	16QAM	12	7	21.84	22.02	21.87	23.10
5	16QAM	12	13	21.88	22.04	21.94	23.10
5	16QAM	25	0	21.85	22.02	21.91	23.10
5	64QAM	1	0	21.83	22.01	21.94	23.10
5	64QAM	1	12	21.86	22.07	21.84	23.10
5	64QAM	1	24	21.76	22.00	21.94	23.10
5	64QAM	12	0	20.80	21.07	21.01	22.10
5	64QAM	12	7	20.86	21.01	20.89	22.10
5	64QAM	12	13	20.78	21.03	21.04	22.10
5	64QAM	25	0	20.76	20.96	20.92	22.10
5	256QAM	1	0	18.73	19.05	18.93	20.10
5	256QAM	1	12	18.88	19.03	18.92	20.10
5	256QAM	1	24	18.72	18.94	18.92	20.10
5	256QAM	12	0	18.84	18.98	18.89	20.10
5	256QAM	12	7	18.78	19.05	18.99	20.10
5	256QAM	12	13	18.85	18.88	18.89	20.10
5	256QAM	25	0	18.80	19.06	18.90	20.10

【LTE Band 17_Ant 8_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23780	23790	23800	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	24.01	24.03	24.02	25.10
10	QPSK	1	25	23.88	23.91	23.96	25.10
10	QPSK	1	49	23.89	23.92	23.93	25.10
10	QPSK	25	0	22.84	23.20	22.93	24.10
10	QPSK	25	12	22.94	23.02	22.98	24.10
10	QPSK	25	25	22.84	23.08	23.04	24.10
10	QPSK	50	0	22.85	23.13	23.05	24.10
10	16QAM	1	0	22.97	23.07	22.96	24.10
10	16QAM	1	25	22.90	23.14	22.93	24.10
10	16QAM	1	49	22.93	23.03	22.99	24.10
10	16QAM	25	0	21.92	22.15	21.93	23.10
10	16QAM	25	12	21.95	22.05	22.00	23.10
10	16QAM	25	25	21.99	22.13	21.95	23.10
10	16QAM	50	0	21.90	22.04	21.92	23.10
10	64QAM	1	0	21.89	22.12	21.99	23.10
10	64QAM	1	25	21.91	22.17	21.97	23.10
10	64QAM	1	49	21.89	22.10	22.01	23.10
10	64QAM	25	0	20.88	21.08	21.12	22.10
10	64QAM	25	12	20.87	21.16	20.96	22.10
10	64QAM	25	25	20.87	21.16	21.07	22.10
10	64QAM	50	0	20.88	21.07	21.05	22.10
10	256QAM	1	0	18.83	19.07	19.06	20.10
10	256QAM	1	25	18.90	19.04	19.02	20.10
10	256QAM	1	49	18.87	19.03	19.02	20.10
10	256QAM	25	0	18.95	19.13	18.95	20.10
10	256QAM	25	12	18.89	19.07	19.04	20.10
10	256QAM	25	25	18.86	19.01	18.95	20.10
10	256QAM	50	0	18.85	19.07	18.96	20.10
Channel				23755	23790	23825	
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	24.03	24.04	23.99	25.10
5	QPSK	1	12	23.85	23.77	23.90	25.10
5	QPSK	1	24	23.79	23.88	23.83	25.10
5	QPSK	12	0	22.79	23.11	22.87	24.10
5	QPSK	12	7	22.84	23.00	22.94	24.10
5	QPSK	12	13	22.74	23.06	23.02	24.10
5	QPSK	25	0	22.81	23.07	23.02	24.10
5	16QAM	1	0	22.83	23.03	22.90	24.10
5	16QAM	1	12	22.86	23.08	22.84	24.10
5	16QAM	1	24	22.85	22.89	22.86	24.10
5	16QAM	12	0	21.83	22.12	21.87	23.10
5	16QAM	12	7	21.84	22.02	21.87	23.10
5	16QAM	12	13	21.88	22.04	21.94	23.10
5	16QAM	25	0	21.85	22.02	21.91	23.10
5	64QAM	1	0	21.83	22.01	21.94	23.10
5	64QAM	1	12	21.86	22.07	21.84	23.10
5	64QAM	1	24	21.76	22.00	21.94	23.10
5	64QAM	12	0	20.80	21.07	21.01	22.10
5	64QAM	12	7	20.86	21.01	20.89	22.10
5	64QAM	12	13	20.78	21.03	21.04	22.10
5	64QAM	25	0	20.76	20.96	20.92	22.10
5	256QAM	1	0	18.73	19.05	18.93	20.10
5	256QAM	1	12	18.88	19.03	18.92	20.10
5	256QAM	1	24	18.72	18.94	18.92	20.10
5	256QAM	12	0	18.84	18.98	18.89	20.10
5	256QAM	12	7	18.78	19.05	18.99	20.10
5	256QAM	12	13	18.85	18.88	18.89	20.10
5	256QAM	25	0	18.80	19.06	18.90	20.10

【LTE Band 17_Ant 8_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23780	23790	23800	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	20.38	20.53	20.31	21.80
10	QPSK	1	25	20.22	20.44	20.27	21.80
10	QPSK	1	49	20.39	20.44	20.32	21.80
10	QPSK	25	0	20.25	20.43	20.22	21.80
10	QPSK	25	12	20.31	20.36	20.20	21.80
10	QPSK	25	25	20.29	20.39	20.23	21.80
10	QPSK	50	0	20.28	20.43	20.23	21.80
10	16QAM	1	0	20.31	20.42	20.22	21.80
10	16QAM	1	25	20.35	20.41	20.22	21.80
10	16QAM	1	49	20.25	20.39	20.21	21.80
10	16QAM	25	0	20.32	20.44	20.22	21.80
10	16QAM	25	12	20.30	20.44	20.21	21.80
10	16QAM	25	25	20.30	20.41	20.29	21.80
10	16QAM	50	0	20.35	20.41	20.30	21.80
10	64QAM	1	0	20.35	20.33	20.28	21.80
10	64QAM	1	25	20.40	20.44	20.26	21.80
10	64QAM	1	49	20.32	20.42	20.25	21.80
10	64QAM	25	0	20.38	20.41	20.15	21.80
10	64QAM	25	12	20.38	20.43	20.20	21.80
10	64QAM	25	25	20.32	20.45	20.33	21.80
10	64QAM	50	0	20.30	20.38	20.28	21.80
10	256QAM	1	0	18.71	18.80	18.48	20.10
10	256QAM	1	25	18.68	18.78	18.64	20.10
10	256QAM	1	49	18.59	18.83	18.56	20.10
10	256QAM	25	0	18.66	18.73	18.54	20.10
10	256QAM	25	12	18.72	18.76	18.41	20.10
10	256QAM	25	25	18.73	18.66	18.59	20.10
10	256QAM	50	0	18.67	18.78	18.56	20.10
Channel				23755	23790	23825	
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	20.37	20.40	20.17	21.80
5	QPSK	1	12	20.16	20.43	20.22	21.80
5	QPSK	1	24	20.36	20.43	20.18	21.80
5	QPSK	12	0	20.23	20.38	20.13	21.80
5	QPSK	12	7	20.24	20.22	20.05	21.80
5	QPSK	12	13	20.24	20.26	20.17	21.80
5	QPSK	25	0	20.26	20.32	20.22	21.80
5	16QAM	1	0	20.25	20.32	20.16	21.80
5	16QAM	1	12	20.32	20.37	20.19	21.80
5	16QAM	1	24	20.11	20.37	20.17	21.80
5	16QAM	12	0	20.22	20.31	20.16	21.80
5	16QAM	12	7	20.20	20.30	20.16	21.80
5	16QAM	12	13	20.27	20.40	20.27	21.80
5	16QAM	25	0	20.21	20.37	20.25	21.80
5	64QAM	1	0	20.20	20.24	20.14	21.80
5	64QAM	1	12	20.30	20.29	20.16	21.80
5	64QAM	1	24	20.29	20.28	20.14	21.80
5	64QAM	12	0	20.23	20.39	20.05	21.80
5	64QAM	12	7	20.25	20.39	20.10	21.80
5	64QAM	12	13	20.26	20.38	20.21	21.80
5	64QAM	25	0	20.24	20.28	20.25	21.80
5	256QAM	1	0	18.60	18.72	18.34	20.10
5	256QAM	1	12	18.56	18.69	18.56	20.10
5	256QAM	1	24	18.57	18.73	18.54	20.10
5	256QAM	12	0	18.56	18.69	18.41	20.10
5	256QAM	12	7	18.61	18.63	18.27	20.10
5	256QAM	12	13	18.67	18.63	18.50	20.10
5	256QAM	25	0	18.59	18.67	18.45	20.10

【LTE Band 25_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				26140	26340	26590	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	23.21	23.42	23.28	25.10
20	QPSK	1	49	23.25	23.24	23.29	25.10
20	QPSK	1	99	23.11	23.33	23.16	25.10
20	QPSK	50	0	22.16	22.47	22.22	24.10
20	QPSK	50	24	22.18	22.34	22.38	24.10
20	QPSK	50	50	22.19	22.41	22.33	24.10
20	QPSK	100	0	22.16	22.39	22.42	24.10
20	16QAM	1	0	22.25	22.44	22.25	24.10
20	16QAM	1	49	22.13	22.33	22.22	24.10
20	16QAM	1	99	22.20	22.42	22.23	24.10
20	16QAM	50	0	21.16	21.55	21.33	23.10
20	16QAM	50	24	21.26	21.37	21.31	23.10
20	16QAM	50	50	21.18	21.38	21.33	23.10
20	16QAM	100	0	21.17	21.38	21.27	23.10
20	64QAM	1	0	21.25	21.38	21.31	23.10
20	64QAM	1	49	21.19	21.48	21.29	23.10
20	64QAM	1	99	21.23	21.44	21.31	23.10
20	64QAM	50	0	20.21	20.40	20.36	22.10
20	64QAM	50	24	20.23	20.38	20.35	22.10
20	64QAM	50	50	20.18	20.47	20.34	22.10
20	64QAM	100	0	20.24	20.46	20.27	22.10
20	256QAM	1	0	18.15	18.37	18.43	20.10
20	256QAM	1	49	18.27	18.38	18.30	20.10
20	256QAM	1	99	18.16	18.35	18.38	20.10
20	256QAM	50	0	18.20	18.46	18.25	20.10
20	256QAM	50	24	18.18	18.33	18.34	20.10
20	256QAM	50	50	18.23	18.30	18.34	20.10
20	256QAM	100	0	18.18	18.43	18.31	20.10
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	23.12	23.38	23.18	25.10
15	QPSK	1	37	23.11	23.18	23.21	25.10
15	QPSK	1	74	23.12	23.27	23.10	25.10
15	QPSK	36	0	22.10	22.35	22.17	24.10
15	QPSK	36	20	22.10	22.27	22.36	24.10
15	QPSK	36	39	22.10	22.31	22.24	24.10
15	QPSK	75	0	22.10	22.32	22.41	24.10
15	16QAM	1	0	22.23	22.31	22.16	24.10
15	16QAM	1	37	22.12	22.30	22.14	24.10
15	16QAM	1	74	22.10	22.30	22.16	24.10
15	16QAM	36	0	21.11	21.53	21.20	23.10
15	16QAM	36	20	21.14	21.32	21.22	23.10
15	16QAM	36	39	21.11	21.31	21.29	23.10
15	16QAM	75	0	21.12	21.26	21.21	23.10
15	64QAM	1	0	21.19	21.31	21.30	23.10
15	64QAM	1	37	21.10	21.44	21.15	23.10
15	64QAM	1	74	21.17	21.29	21.19	23.10
15	64QAM	36	0	20.11	20.26	20.33	22.10
15	64QAM	36	20	20.12	20.27	20.28	22.10
15	64QAM	36	39	20.14	20.39	20.19	22.10
15	64QAM	75	0	20.17	20.43	20.19	22.10
15	256QAM	1	0	18.10	18.25	18.34	20.10
15	256QAM	1	37	18.16	18.35	18.27	20.10
15	256QAM	1	74	18.10	18.23	18.24	20.10
15	256QAM	36	0	18.18	18.36	18.17	20.10
15	256QAM	36	20	18.10	18.28	18.20	20.10
15	256QAM	36	39	18.22	18.19	18.20	20.10
15	256QAM	75	0	18.11	18.36	18.23	20.10
Channel				26090	26340	26640	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	23.12	23.33	23.25	25.10
10	QPSK	1	25	23.21	23.17	23.19	25.10
10	QPSK	1	49	23.10	23.21	23.11	25.10
10	QPSK	25	0	22.11	22.34	22.20	24.10
10	QPSK	25	12	22.13	22.32	22.35	24.10
10	QPSK	25	25	22.12	22.38	22.27	24.10
10	QPSK	50	0	22.13	22.33	22.32	24.10
10	16QAM	1	0	22.13	22.34	22.15	24.10
10	16QAM	1	25	22.11	22.21	22.13	24.10

10	16QAM	1	49	22.10	22.28	22.11	24.10
10	16QAM	25	0	21.14	21.53	21.21	23.10
10	16QAM	25	12	21.11	21.23	21.25	23.10
10	16QAM	25	25	21.16	21.36	21.25	23.10
10	16QAM	50	0	21.11	21.34	21.15	23.10
10	64QAM	1	0	21.16	21.27	21.21	23.10
10	64QAM	1	25	21.10	21.37	21.23	23.10
10	64QAM	1	49	21.18	21.40	21.24	23.10
10	64QAM	25	0	20.15	20.25	20.27	22.10
10	64QAM	25	12	20.21	20.26	20.32	22.10
10	64QAM	25	25	20.11	20.40	20.23	22.10
10	64QAM	50	0	20.15	20.31	20.23	22.10
10	256QAM	1	0	18.14	18.33	18.28	20.10
10	256QAM	1	25	18.22	18.31	18.20	20.10
10	256QAM	1	49	18.10	18.33	18.32	20.10
10	256QAM	25	0	18.17	18.45	18.23	20.10
10	256QAM	25	12	18.11	18.19	18.29	20.10
10	256QAM	25	25	18.12	18.24	18.32	20.10
10	256QAM	50	0	18.11	18.30	18.19	20.10
Channel				26065	26340	26665	Tune-up limit
Frequency (MHz)				1852.5	1880	1912.5	(dBm)
5	QPSK	1	0	23.20	23.36	23.22	25.10
5	QPSK	1	12	23.17	23.18	23.22	25.10
5	QPSK	1	24	23.10	23.31	23.10	25.10
5	QPSK	12	0	22.10	22.45	22.20	24.10
5	QPSK	12	7	22.17	22.21	22.32	24.10
5	QPSK	12	13	22.11	22.36	22.32	24.10
5	QPSK	25	0	22.11	22.28	22.36	24.10
5	16QAM	1	0	22.19	22.35	22.15	24.10
5	16QAM	1	12	22.10	22.29	22.20	24.10
5	16QAM	1	24	22.13	22.31	22.21	24.10
5	16QAM	12	0	21.10	21.53	21.24	23.10
5	16QAM	12	7	21.14	21.28	21.19	23.10
5	16QAM	12	13	21.15	21.35	21.22	23.10
5	16QAM	25	0	21.11	21.30	21.14	23.10
5	64QAM	1	0	21.11	21.32	21.29	23.10
5	64QAM	1	12	21.10	21.46	21.15	23.10
5	64QAM	1	24	21.22	21.34	21.30	23.10
5	64QAM	12	0	20.12	20.31	20.25	22.10
5	64QAM	12	7	20.17	20.32	20.34	22.10
5	64QAM	12	13	20.14	20.38	20.26	22.10
5	64QAM	25	0	20.12	20.39	20.17	22.10
5	256QAM	1	0	18.11	18.35	18.32	20.10
5	256QAM	1	12	18.16	18.30	18.25	20.10
5	256QAM	1	24	18.11	18.32	18.34	20.10
5	256QAM	12	0	18.11	18.44	18.14	20.10
5	256QAM	12	7	18.11	18.21	18.22	20.10
5	256QAM	12	13	18.15	18.26	18.20	20.10
5	256QAM	25	0	18.10	18.30	18.20	20.10
Channel				26055	26340	26675	Tune-up limit
Frequency (MHz)				1851.5	1880	1913.5	(dBm)
3	QPSK	1	0	23.10	23.37	23.23	25.10
3	QPSK	1	8	23.23	23.17	23.21	25.10
3	QPSK	1	14	23.11	23.19	23.12	25.10
3	QPSK	8	0	22.10	22.35	22.18	24.10
3	QPSK	8	4	22.10	22.30	22.32	24.10
3	QPSK	8	7	22.12	22.37	22.21	24.10
3	QPSK	15	0	22.10	22.24	22.34	24.10
3	16QAM	1	0	22.11	22.40	22.16	24.10
3	16QAM	1	8	22.10	22.26	22.11	24.10
3	16QAM	1	14	22.17	22.33	22.13	24.10
3	16QAM	8	0	21.10	21.42	21.26	23.10
3	16QAM	8	4	21.16	21.35	21.17	23.10
3	16QAM	8	7	21.11	21.30	21.27	23.10
3	16QAM	15	0	21.12	21.28	21.20	23.10
3	64QAM	1	0	21.13	21.36	21.23	23.10
3	64QAM	1	8	21.14	21.34	21.22	23.10
3	64QAM	1	14	21.10	21.34	21.23	23.10
3	64QAM	8	0	20.16	20.32	20.22	22.10
3	64QAM	8	4	20.11	20.25	20.28	22.10
3	64QAM	8	7	20.12	20.34	20.22	22.10
3	64QAM	15	0	20.22	20.36	20.16	22.10
3	256QAM	1	0	18.10	18.28	18.39	20.10
3	256QAM	1	8	18.18	18.32	18.23	20.10
3	256QAM	1	14	18.10	18.26	18.30	20.10
3	256QAM	8	0	18.13	18.39	18.17	20.10
3	256QAM	8	4	18.11	18.28	18.24	20.10
3	256QAM	8	7	18.17	18.23	18.24	20.10

3	256QAM	15	0	18.11	18.32	18.16	20.10
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	23.18	23.27	23.22	25.10
1.4	QPSK	1	3	23.22	23.14	23.27	25.10
1.4	QPSK	1	5	23.10	23.31	23.10	25.10
1.4	QPSK	3	0	23.10	23.37	23.11	25.10
1.4	QPSK	3	1	23.11	23.22	23.23	25.10
1.4	QPSK	3	3	23.10	23.39	23.24	25.10
1.4	QPSK	6	0	22.11	22.26	22.37	24.10
1.4	16QAM	1	0	22.17	22.32	22.20	24.10
1.4	16QAM	1	3	22.10	22.19	22.12	24.10
1.4	16QAM	1	5	22.10	22.27	22.22	24.10
1.4	16QAM	3	0	22.14	22.53	22.19	24.10
1.4	16QAM	3	1	22.13	22.33	22.27	24.10
1.4	16QAM	3	3	22.11	22.27	22.30	24.10
1.4	16QAM	6	0	21.15	21.33	21.18	23.10
1.4	64QAM	1	0	21.14	21.35	21.16	23.10
1.4	64QAM	1	3	21.10	21.36	21.23	23.10
1.4	64QAM	1	5	21.13	21.33	21.18	23.10
1.4	64QAM	3	0	21.14	21.34	21.23	23.10
1.4	64QAM	3	1	21.15	21.27	21.29	23.10
1.4	64QAM	3	3	21.14	21.40	21.31	23.10
1.4	64QAM	6	0	20.18	20.34	20.23	22.10
1.4	256QAM	1	0	18.10	18.22	18.42	20.10
1.4	256QAM	1	3	18.16	18.37	18.21	20.10
1.4	256QAM	1	5	18.12	18.29	18.27	20.10
1.4	256QAM	3	0	18.14	18.41	18.16	20.10
1.4	256QAM	3	1	18.11	18.27	18.27	20.10
1.4	256QAM	3	3	18.22	18.17	18.25	20.10
1.4	256QAM	6	0	18.12	18.40	18.26	20.10

【LTE Band 25_Ant 1_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	23.21	23.42	23.28	25.10
20	QPSK	1	49	23.25	23.24	23.29	25.10
20	QPSK	1	99	23.11	23.33	23.16	25.10
20	QPSK	50	0	22.16	22.47	22.22	24.10
20	QPSK	50	24	22.18	22.34	22.38	24.10
20	QPSK	50	50	22.19	22.41	22.33	24.10
20	QPSK	100	0	22.16	22.39	22.42	24.10
20	16QAM	1	0	22.25	22.44	22.25	24.10
20	16QAM	1	49	22.13	22.33	22.22	24.10
20	16QAM	1	99	22.20	22.42	22.23	24.10
20	16QAM	50	0	21.16	21.55	21.33	23.10
20	16QAM	50	24	21.26	21.37	21.31	23.10
20	16QAM	50	50	21.18	21.38	21.33	23.10
20	16QAM	100	0	21.17	21.38	21.27	23.10
20	64QAM	1	0	21.25	21.38	21.31	23.10
20	64QAM	1	49	21.19	21.48	21.29	23.10
20	64QAM	1	99	21.23	21.44	21.31	23.10
20	64QAM	50	0	20.21	20.40	20.36	22.10
20	64QAM	50	24	20.23	20.38	20.35	22.10
20	64QAM	50	50	20.18	20.47	20.34	22.10
20	64QAM	100	0	20.24	20.46	20.27	22.10
20	256QAM	1	0	18.15	18.37	18.43	20.10
20	256QAM	1	49	18.27	18.38	18.30	20.10
20	256QAM	1	99	18.16	18.35	18.38	20.10
20	256QAM	50	0	18.20	18.46	18.25	20.10
20	256QAM	50	24	18.18	18.33	18.34	20.10
20	256QAM	50	50	18.23	18.30	18.34	20.10
20	256QAM	100	0	18.18	18.43	18.31	20.10
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	23.12	23.38	23.18	25.10
15	QPSK	1	37	23.11	23.18	23.21	25.10
15	QPSK	1	74	23.12	23.27	23.10	25.10
15	QPSK	36	0	22.10	22.35	22.17	24.10
15	QPSK	36	20	22.10	22.27	22.36	24.10

15	QPSK	36	39	22.10	22.31	22.24	24.10
15	QPSK	75	0	22.10	22.32	22.41	24.10
15	16QAM	1	0	22.23	22.31	22.16	24.10
15	16QAM	1	37	22.12	22.30	22.14	24.10
15	16QAM	1	74	22.10	22.30	22.16	24.10
15	16QAM	36	0	21.11	21.53	21.20	23.10
15	16QAM	36	20	21.14	21.32	21.22	23.10
15	16QAM	36	39	21.11	21.31	21.29	23.10
15	16QAM	75	0	21.12	21.26	21.21	23.10
15	64QAM	1	0	21.19	21.31	21.30	23.10
15	64QAM	1	37	21.10	21.44	21.15	23.10
15	64QAM	1	74	21.17	21.29	21.19	23.10
15	64QAM	36	0	20.11	20.26	20.33	22.10
15	64QAM	36	20	20.12	20.27	20.28	22.10
15	64QAM	36	39	20.14	20.39	20.19	22.10
15	64QAM	75	0	20.17	20.43	20.19	22.10
15	256QAM	1	0	18.10	18.25	18.34	20.10
15	256QAM	1	37	18.16	18.35	18.27	20.10
15	256QAM	1	74	18.10	18.23	18.24	20.10
15	256QAM	36	0	18.18	18.36	18.17	20.10
15	256QAM	36	20	18.10	18.28	18.20	20.10
15	256QAM	36	39	18.22	18.19	18.20	20.10
15	256QAM	75	0	18.11	18.36	18.23	20.10
Channel				26090	26340	26640	Tune-up limit
Frequency (MHz)				1855	1880	1910	(dBm)
10	QPSK	1	0	23.12	23.33	23.25	25.10
10	QPSK	1	25	23.21	23.17	23.19	25.10
10	QPSK	1	49	23.10	23.21	23.11	25.10
10	QPSK	25	0	22.11	22.34	22.20	24.10
10	QPSK	25	12	22.13	22.32	22.35	24.10
10	QPSK	25	25	22.12	22.38	22.27	24.10
10	QPSK	50	0	22.13	22.33	22.32	24.10
10	16QAM	1	0	22.13	22.34	22.15	24.10
10	16QAM	1	25	22.11	22.21	22.13	24.10
10	16QAM	1	49	22.10	22.28	22.11	24.10
10	16QAM	25	0	21.14	21.53	21.21	23.10
10	16QAM	25	12	21.11	21.23	21.25	23.10
10	16QAM	25	25	21.16	21.36	21.25	23.10
10	16QAM	50	0	21.11	21.34	21.15	23.10
10	64QAM	1	0	21.16	21.27	21.21	23.10
10	64QAM	1	25	21.10	21.37	21.23	23.10
10	64QAM	1	49	21.18	21.40	21.24	23.10
10	64QAM	25	0	20.15	20.25	20.27	22.10
10	64QAM	25	12	20.21	20.26	20.32	22.10
10	64QAM	25	25	20.11	20.40	20.23	22.10
10	64QAM	50	0	20.15	20.31	20.23	22.10
10	256QAM	1	0	18.14	18.33	18.28	20.10
10	256QAM	1	25	18.22	18.31	18.20	20.10
10	256QAM	1	49	18.10	18.33	18.32	20.10
10	256QAM	25	0	18.17	18.45	18.23	20.10
10	256QAM	25	12	18.11	18.19	18.29	20.10
10	256QAM	25	25	18.12	18.24	18.32	20.10
10	256QAM	50	0	18.11	18.30	18.19	20.10
Channel				26065	26340	26665	Tune-up limit
Frequency (MHz)				1852.5	1880	1912.5	(dBm)
5	QPSK	1	0	23.20	23.36	23.22	25.10
5	QPSK	1	12	23.17	23.18	23.22	25.10
5	QPSK	1	24	23.10	23.31	23.10	25.10
5	QPSK	12	0	22.10	22.45	22.20	24.10
5	QPSK	12	7	22.17	22.21	22.32	24.10
5	QPSK	12	13	22.11	22.36	22.32	24.10
5	QPSK	25	0	22.11	22.28	22.36	24.10
5	16QAM	1	0	22.19	22.35	22.15	24.10
5	16QAM	1	12	22.10	22.29	22.20	24.10
5	16QAM	1	24	22.13	22.31	22.21	24.10
5	16QAM	12	0	21.10	21.53	21.24	23.10
5	16QAM	12	7	21.14	21.28	21.19	23.10
5	16QAM	12	13	21.15	21.35	21.22	23.10
5	16QAM	25	0	21.11	21.30	21.14	23.10
5	64QAM	1	0	21.11	21.32	21.29	23.10
5	64QAM	1	12	21.10	21.46	21.15	23.10
5	64QAM	1	24	21.22	21.34	21.30	23.10
5	64QAM	12	0	20.12	20.31	20.25	22.10
5	64QAM	12	7	20.17	20.32	20.34	22.10
5	64QAM	12	13	20.14	20.38	20.26	22.10
5	64QAM	25	0	20.12	20.39	20.17	22.10
5	256QAM	1	0	18.11	18.35	18.32	20.10
5	256QAM	1	12	18.16	18.30	18.25	20.10

5	256QAM	1	24	18.11	18.32	18.34	20.10
5	256QAM	12	0	18.11	18.44	18.14	20.10
5	256QAM	12	7	18.11	18.21	18.22	20.10
5	256QAM	12	13	18.15	18.26	18.20	20.10
5	256QAM	25	0	18.10	18.30	18.20	20.10
Channel				26055	26340	26675	Tune-up limit
Frequency (MHz)				1851.5	1880	1913.5	
3	QPSK	1	0	23.10	23.37	23.23	25.10
3	QPSK	1	8	23.23	23.17	23.21	25.10
3	QPSK	1	14	23.11	23.19	23.12	25.10
3	QPSK	8	0	22.10	22.35	22.18	24.10
3	QPSK	8	4	22.10	22.30	22.32	24.10
3	QPSK	8	7	22.12	22.37	22.21	24.10
3	QPSK	15	0	22.10	22.24	22.34	24.10
3	16QAM	1	0	22.11	22.40	22.16	24.10
3	16QAM	1	8	22.10	22.26	22.11	24.10
3	16QAM	1	14	22.17	22.33	22.13	24.10
3	16QAM	8	0	21.10	21.42	21.26	23.10
3	16QAM	8	4	21.16	21.35	21.17	23.10
3	16QAM	8	7	21.11	21.30	21.27	23.10
3	16QAM	15	0	21.12	21.28	21.20	23.10
3	64QAM	1	0	21.13	21.36	21.23	23.10
3	64QAM	1	8	21.14	21.34	21.22	23.10
3	64QAM	1	14	21.10	21.34	21.23	23.10
3	64QAM	8	0	20.16	20.32	20.22	22.10
3	64QAM	8	4	20.11	20.25	20.28	22.10
3	64QAM	8	7	20.12	20.34	20.22	22.10
3	64QAM	15	0	20.22	20.36	20.16	22.10
3	256QAM	1	0	18.10	18.28	18.39	20.10
3	256QAM	1	8	18.18	18.32	18.23	20.10
3	256QAM	1	14	18.10	18.26	18.30	20.10
3	256QAM	8	0	18.13	18.39	18.17	20.10
3	256QAM	8	4	18.11	18.28	18.24	20.10
3	256QAM	8	7	18.17	18.23	18.24	20.10
3	256QAM	15	0	18.11	18.32	18.16	20.10
Channel				26047	26340	26683	Tune-up limit
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	23.18	23.27	23.22	25.10
1.4	QPSK	1	3	23.22	23.14	23.27	25.10
1.4	QPSK	1	5	23.10	23.31	23.10	25.10
1.4	QPSK	3	0	23.10	23.37	23.11	25.10
1.4	QPSK	3	1	23.11	23.22	23.23	25.10
1.4	QPSK	3	3	23.10	23.39	23.24	25.10
1.4	QPSK	6	0	22.11	22.26	22.37	24.10
1.4	16QAM	1	0	22.17	22.32	22.20	24.10
1.4	16QAM	1	3	22.10	22.19	22.12	24.10
1.4	16QAM	1	5	22.10	22.27	22.22	24.10
1.4	16QAM	3	0	22.14	22.53	22.19	24.10
1.4	16QAM	3	1	22.13	22.33	22.27	24.10
1.4	16QAM	3	3	22.11	22.27	22.30	24.10
1.4	16QAM	6	0	21.15	21.33	21.18	23.10
1.4	64QAM	1	0	21.14	21.35	21.16	23.10
1.4	64QAM	1	3	21.10	21.36	21.23	23.10
1.4	64QAM	1	5	21.13	21.33	21.18	23.10
1.4	64QAM	3	0	21.14	21.34	21.23	23.10
1.4	64QAM	3	1	21.15	21.27	21.29	23.10
1.4	64QAM	3	3	21.14	21.40	21.31	23.10
1.4	64QAM	6	0	20.18	20.34	20.23	22.10
1.4	256QAM	1	0	18.10	18.22	18.42	20.10
1.4	256QAM	1	3	18.16	18.37	18.21	20.10
1.4	256QAM	1	5	18.12	18.29	18.27	20.10
1.4	256QAM	3	0	18.14	18.41	18.16	20.10
1.4	256QAM	3	1	18.11	18.27	18.27	20.10
1.4	256QAM	3	3	18.22	18.17	18.25	20.10
1.4	256QAM	6	0	18.12	18.40	18.26	20.10

【LTE Band 25_Ant 1_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	14.76	14.85	14.80	15.90
20	QPSK	1	49	14.68	14.71	14.73	15.90
20	QPSK	1	99	14.73	14.70	14.70	15.90
20	QPSK	50	0	14.79	14.83	14.81	15.90
20	QPSK	50	24	14.70	14.73	14.77	15.90
20	QPSK	50	50	14.71	14.72	14.72	15.90
20	QPSK	100	0	14.69	14.81	14.80	15.90
20	16QAM	1	0	14.77	14.78	14.77	15.90
20	16QAM	1	49	14.72	14.76	14.80	15.90
20	16QAM	1	99	14.72	14.75	14.78	15.90
20	16QAM	50	0	14.73	14.81	14.79	15.90
20	16QAM	50	24	14.75	14.73	14.82	15.90
20	16QAM	50	50	14.69	14.79	14.81	15.90
20	16QAM	100	0	14.77	14.81	14.79	15.90
20	64QAM	1	0	14.67	14.76	14.74	15.90
20	64QAM	1	49	14.76	14.80	14.77	15.90
20	64QAM	1	99	14.66	14.79	14.69	15.90
20	64QAM	50	0	14.72	14.77	14.74	15.90
20	64QAM	50	24	14.76	14.80	14.77	15.90
20	64QAM	50	50	14.67	14.75	14.78	15.90
20	64QAM	100	0	14.73	14.71	14.80	15.90
20	256QAM	1	0	14.68	14.76	14.72	15.90
20	256QAM	1	49	14.69	14.77	14.70	15.90
20	256QAM	1	99	14.75	14.68	14.69	15.90
20	256QAM	50	0	14.77	14.80	14.78	15.90
20	256QAM	50	24	14.70	14.73	14.74	15.90
20	256QAM	50	50	14.71	14.75	14.76	15.90
20	256QAM	100	0	14.75	14.76	14.73	15.90
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	14.64	14.71	14.68	15.90
15	QPSK	1	37	14.66	14.75	14.70	15.90
15	QPSK	1	74	14.59	14.72	14.64	15.90
15	QPSK	36	0	14.62	14.80	14.73	15.90
15	QPSK	36	20	14.73	14.73	14.64	15.90
15	QPSK	36	39	14.59	14.70	14.78	15.90
15	QPSK	75	0	14.58	14.64	14.77	15.90
15	16QAM	1	0	14.62	14.72	14.72	15.90
15	16QAM	1	37	14.64	14.72	14.74	15.90
15	16QAM	1	74	14.65	14.69	14.64	15.90
15	16QAM	36	0	14.58	14.69	14.66	15.90
15	16QAM	36	20	14.64	14.60	14.72	15.90
15	16QAM	36	39	14.54	14.68	14.70	15.90
15	16QAM	75	0	14.71	14.70	14.70	15.90
15	64QAM	1	0	14.64	14.70	14.61	15.90
15	64QAM	1	37	14.72	14.72	14.62	15.90
15	64QAM	1	74	14.58	14.66	14.55	15.90
15	64QAM	36	0	14.60	14.75	14.62	15.90
15	64QAM	36	20	14.67	14.73	14.66	15.90
15	64QAM	36	39	14.66	14.73	14.64	15.90
15	64QAM	75	0	14.66	14.66	14.75	15.90
15	256QAM	1	0	14.54	14.66	14.59	15.90
15	256QAM	1	37	14.66	14.70	14.65	15.90
15	256QAM	1	74	14.64	14.57	14.61	15.90
15	256QAM	36	0	14.70	14.79	14.74	15.90
15	256QAM	36	20	14.65	14.67	14.65	15.90
15	256QAM	36	39	14.63	14.73	14.64	15.90
15	256QAM	75	0	14.67	14.67	14.63	15.90
Channel				26090	26340	26640	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	14.72	14.80	14.76	15.90
10	QPSK	1	25	14.64	14.77	14.78	15.90
10	QPSK	1	49	14.64	14.74	14.69	15.90
10	QPSK	25	0	14.58	14.75	14.78	15.90
10	QPSK	25	12	14.66	14.73	14.64	15.90
10	QPSK	25	25	14.65	14.69	14.66	15.90
10	QPSK	50	0	14.68	14.66	14.74	15.90
10	16QAM	1	0	14.66	14.69	14.64	15.90
10	16QAM	1	25	14.63	14.72	14.78	15.90

10	16QAM	1	49	14.61	14.62	14.66	15.90
10	16QAM	25	0	14.62	14.66	14.64	15.90
10	16QAM	25	12	14.69	14.66	14.69	15.90
10	16QAM	25	25	14.67	14.67	14.74	15.90
10	16QAM	50	0	14.65	14.70	14.72	15.90
10	64QAM	1	0	14.52	14.66	14.60	15.90
10	64QAM	1	25	14.62	14.68	14.69	15.90
10	64QAM	1	49	14.63	14.70	14.58	15.90
10	64QAM	25	0	14.64	14.62	14.69	15.90
10	64QAM	25	12	14.72	14.76	14.73	15.90
10	64QAM	25	25	14.66	14.64	14.63	15.90
10	64QAM	50	0	14.70	14.62	14.68	15.90
10	256QAM	1	0	14.57	14.74	14.61	15.90
10	256QAM	1	25	14.62	14.66	14.68	15.90
10	256QAM	1	49	14.66	14.62	14.61	15.90
10	256QAM	25	0	14.63	14.78	14.68	15.90
10	256QAM	25	12	14.65	14.64	14.61	15.90
10	256QAM	25	25	14.61	14.65	14.69	15.90
10	256QAM	50	0	14.72	14.69	14.67	15.90
Channel				26065	26340	26665	Tune-up limit
Frequency (MHz)				1852.5	1880	1912.5	(dBm)
5	QPSK	1	0	14.66	14.82	14.69	15.90
5	QPSK	1	12	14.61	14.77	14.72	15.90
5	QPSK	1	24	14.70	14.74	14.73	15.90
5	QPSK	12	0	14.60	14.69	14.72	15.90
5	QPSK	12	7	14.76	14.73	14.62	15.90
5	QPSK	12	13	14.68	14.71	14.74	15.90
5	QPSK	25	0	14.54	14.61	14.69	15.90
5	16QAM	1	0	14.73	14.69	14.73	15.90
5	16QAM	1	12	14.66	14.63	14.78	15.90
5	16QAM	1	24	14.58	14.62	14.71	15.90
5	16QAM	12	0	14.69	14.78	14.74	15.90
5	16QAM	12	7	14.63	14.65	14.73	15.90
5	16QAM	12	13	14.66	14.69	14.77	15.90
5	16QAM	25	0	14.75	14.80	14.65	15.90
5	64QAM	1	0	14.61	14.68	14.65	15.90
5	64QAM	1	12	14.68	14.69	14.67	15.90
5	64QAM	1	24	14.55	14.76	14.64	15.90
5	64QAM	12	0	14.68	14.64	14.68	15.90
5	64QAM	12	7	14.73	14.73	14.72	15.90
5	64QAM	12	13	14.61	14.63	14.72	15.90
5	64QAM	25	0	14.58	14.64	14.72	15.90
5	256QAM	1	0	14.55	14.73	14.69	15.90
5	256QAM	1	12	14.56	14.71	14.62	15.90
5	256QAM	1	24	14.67	14.55	14.55	15.90
5	256QAM	12	0	14.67	14.71	14.66	15.90
5	256QAM	12	7	14.69	14.71	14.71	15.90
5	256QAM	12	13	14.65	14.71	14.65	15.90
5	256QAM	25	0	14.67	14.67	14.66	15.90
Channel				26055	26340	26675	Tune-up limit
Frequency (MHz)				1851.5	1880	1913.5	(dBm)
3	QPSK	1	0	14.65	14.78	14.71	15.90
3	QPSK	1	8	14.57	14.67	14.81	15.90
3	QPSK	1	14	14.59	14.72	14.75	15.90
3	QPSK	8	0	14.56	14.80	14.73	15.90
3	QPSK	8	4	14.73	14.74	14.69	15.90
3	QPSK	8	7	14.57	14.70	14.73	15.90
3	QPSK	15	0	14.58	14.72	14.72	15.90
3	16QAM	1	0	14.62	14.73	14.76	15.90
3	16QAM	1	8	14.60	14.74	14.67	15.90
3	16QAM	1	14	14.70	14.62	14.64	15.90
3	16QAM	8	0	14.71	14.78	14.77	15.90
3	16QAM	8	4	14.68	14.64	14.77	15.90
3	16QAM	8	7	14.68	14.73	14.76	15.90
3	16QAM	15	0	14.70	14.70	14.68	15.90
3	64QAM	1	0	14.58	14.68	14.60	15.90
3	64QAM	1	8	14.69	14.78	14.72	15.90
3	64QAM	1	14	14.54	14.69	14.64	15.90
3	64QAM	8	0	14.57	14.71	14.59	15.90
3	64QAM	8	4	14.61	14.75	14.65	15.90
3	64QAM	8	7	14.54	14.67	14.70	15.90
3	64QAM	15	0	14.66	14.62	14.71	15.90
3	256QAM	1	0	14.62	14.67	14.59	15.90
3	256QAM	1	8	14.62	14.69	14.60	15.90
3	256QAM	1	14	14.71	14.62	14.60	15.90
3	256QAM	8	0	14.74	14.76	14.67	15.90
3	256QAM	8	4	14.64	14.70	14.60	15.90
3	256QAM	8	7	14.60	14.61	14.63	15.90

3	256QAM	15	0	14.61	14.73	14.70	15.90
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	14.64	14.70	14.66	15.90
1.4	QPSK	1	3	14.57	14.80	14.78	15.90
1.4	QPSK	1	5	14.63	14.77	14.76	15.90
1.4	QPSK	3	0	14.56	14.71	14.69	15.90
1.4	QPSK	3	1	14.66	14.70	14.66	15.90
1.4	QPSK	3	3	14.61	14.68	14.66	15.90
1.4	QPSK	6	0	14.59	14.72	14.78	15.90
1.4	16QAM	1	0	14.70	14.69	14.63	15.90
1.4	16QAM	1	3	14.57	14.74	14.74	15.90
1.4	16QAM	1	5	14.70	14.73	14.77	15.90
1.4	16QAM	3	0	14.63	14.70	14.73	15.90
1.4	16QAM	3	1	14.65	14.66	14.68	15.90
1.4	16QAM	3	3	14.57	14.67	14.71	15.90
1.4	16QAM	6	0	14.75	14.74	14.67	15.90
1.4	64QAM	1	0	14.56	14.68	14.68	15.90
1.4	64QAM	1	3	14.65	14.67	14.64	15.90
1.4	64QAM	1	5	14.53	14.71	14.65	15.90
1.4	64QAM	3	0	14.70	14.75	14.62	15.90
1.4	64QAM	3	1	14.63	14.66	14.68	15.90
1.4	64QAM	3	3	14.63	14.62	14.72	15.90
1.4	64QAM	6	0	14.61	14.67	14.79	15.90
1.4	256QAM	1	0	14.65	14.72	14.60	15.90
1.4	256QAM	1	3	14.63	14.72	14.60	15.90
1.4	256QAM	1	5	14.70	14.60	14.62	15.90
1.4	256QAM	3	0	14.69	14.68	14.71	15.90
1.4	256QAM	3	1	14.61	14.72	14.64	15.90
1.4	256QAM	3	3	14.61	14.72	14.69	15.90
1.4	256QAM	6	0	14.68	14.69	14.61	15.90

【LTE Band 25_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				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	23.32	23.49	23.38	25.10
20	QPSK	1	49	23.20	23.17	23.17	25.10
20	QPSK	1	99	23.24	23.29	23.23	25.10
20	QPSK	50	0	22.32	22.36	22.33	24.10
20	QPSK	50	24	22.22	22.35	22.31	24.10
20	QPSK	50	50	22.34	22.30	22.29	24.10
20	QPSK	100	0	22.32	22.34	22.32	24.10
20	16QAM	1	0	22.36	22.32	22.34	24.10
20	16QAM	1	49	22.30	22.23	22.25	24.10
20	16QAM	1	99	22.39	22.36	22.36	24.10
20	16QAM	50	0	21.47	21.50	21.41	23.10
20	16QAM	50	24	21.32	21.34	21.26	23.10
20	16QAM	50	50	21.25	21.27	21.28	23.10
20	16QAM	100	0	21.25	21.32	21.28	23.10
20	64QAM	1	0	21.34	21.24	21.29	23.10
20	64QAM	1	49	21.34	21.37	21.43	23.10
20	64QAM	1	99	21.29	21.32	21.29	23.10
20	64QAM	50	0	20.35	20.29	20.34	22.10
20	64QAM	50	24	20.35	20.28	20.28	22.10
20	64QAM	50	50	20.34	20.35	20.39	22.10
20	64QAM	100	0	20.42	20.35	20.39	22.10
20	256QAM	1	0	18.26	18.23	18.27	20.10
20	256QAM	1	49	18.34	18.31	18.30	20.10
20	256QAM	1	99	18.26	18.28	18.29	20.10
20	256QAM	50	0	18.33	18.43	18.39	20.10
20	256QAM	50	24	18.24	18.20	18.24	20.10
20	256QAM	50	50	18.22	18.26	18.16	20.10
20	256QAM	100	0	18.32	18.30	18.29	20.10
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	23.31	23.27	23.24	25.10
15	QPSK	1	37	23.15	23.14	23.11	25.10
15	QPSK	1	74	23.23	23.23	23.17	25.10
15	QPSK	36	0	22.26	22.26	22.32	24.10
15	QPSK	36	20	22.18	22.26	22.17	24.10

15	QPSK	36	39	22.24	22.29	22.26	24.10
15	QPSK	75	0	22.24	22.16	22.24	24.10
15	16QAM	1	0	22.26	22.30	22.23	24.10
15	16QAM	1	37	22.19	22.10	22.21	24.10
15	16QAM	1	74	22.25	22.33	22.30	24.10
15	16QAM	36	0	21.40	21.43	21.38	23.10
15	16QAM	36	20	21.26	21.32	21.24	23.10
15	16QAM	36	39	21.14	21.21	21.14	23.10
15	16QAM	75	0	21.18	21.30	21.15	23.10
15	64QAM	1	0	21.19	21.12	21.25	23.10
15	64QAM	1	37	21.20	21.27	21.31	23.10
15	64QAM	1	74	21.18	21.24	21.25	23.10
15	64QAM	36	0	20.24	20.24	20.25	22.10
15	64QAM	36	20	20.26	20.26	20.20	22.10
15	64QAM	36	39	20.27	20.26	20.32	22.10
15	64QAM	75	0	20.28	20.25	20.31	22.10
15	256QAM	1	0	18.22	18.12	18.18	20.10
15	256QAM	1	37	18.29	18.21	18.25	20.10
15	256QAM	1	74	18.21	18.25	18.24	20.10
15	256QAM	36	0	18.29	18.32	18.28	20.10
15	256QAM	36	20	18.11	18.10	18.18	20.10
15	256QAM	36	39	18.10	18.16	18.12	20.10
15	256QAM	75	0	18.20	18.24	18.16	20.10
Channel				26090	26340	26640	Tune-up limit
Frequency (MHz)				1855	1880	1910	(dBm)
10	QPSK	1	0	23.24	23.34	23.31	25.10
10	QPSK	1	25	23.14	23.10	23.13	25.10
10	QPSK	1	49	23.11	23.18	23.20	25.10
10	QPSK	25	0	22.18	22.28	22.22	24.10
10	QPSK	25	12	22.13	22.30	22.23	24.10
10	QPSK	25	25	22.20	22.21	22.27	24.10
10	QPSK	50	0	22.23	22.10	22.25	24.10
10	16QAM	1	0	22.25	22.29	22.30	24.10
10	16QAM	1	25	22.17	22.14	22.13	24.10
10	16QAM	1	49	22.29	22.29	22.31	24.10
10	16QAM	25	0	21.33	21.40	21.39	23.10
10	16QAM	25	12	21.20	21.20	21.23	23.10
10	16QAM	25	25	21.18	21.14	21.20	23.10
10	16QAM	50	0	21.13	21.28	21.26	23.10
10	64QAM	1	0	21.26	21.11	21.18	23.10
10	64QAM	1	25	21.24	21.35	21.41	23.10
10	64QAM	1	49	21.25	21.31	21.22	23.10
10	64QAM	25	0	20.23	20.25	20.24	22.10
10	64QAM	25	12	20.29	20.25	20.25	22.10
10	64QAM	25	25	20.22	20.21	20.26	22.10
10	64QAM	50	0	20.31	20.20	20.25	22.10
10	256QAM	1	0	18.18	18.17	18.14	20.10
10	256QAM	1	25	18.27	18.21	18.22	20.10
10	256QAM	1	49	18.12	18.19	18.20	20.10
10	256QAM	25	0	18.28	18.42	18.28	20.10
10	256QAM	25	12	18.12	18.12	18.13	20.10
10	256QAM	25	25	18.10	18.16	18.13	20.10
10	256QAM	50	0	18.23	18.18	18.24	20.10
Channel				26065	26340	26665	Tune-up limit
Frequency (MHz)				1852.5	1880	1912.5	(dBm)
5	QPSK	1	0	23.19	23.39	23.31	25.10
5	QPSK	1	12	23.19	23.10	23.12	25.10
5	QPSK	1	24	23.20	23.15	23.12	25.10
5	QPSK	12	0	22.23	22.25	22.21	24.10
5	QPSK	12	7	22.11	22.23	22.29	24.10
5	QPSK	12	13	22.21	22.16	22.16	24.10
5	QPSK	25	0	22.29	22.19	22.24	24.10
5	16QAM	1	0	22.27	22.28	22.21	24.10
5	16QAM	1	12	22.19	22.20	22.20	24.10
5	16QAM	1	24	22.29	22.30	22.35	24.10
5	16QAM	12	0	21.36	21.42	21.36	23.10
5	16QAM	12	7	21.31	21.22	21.13	23.10
5	16QAM	12	13	21.14	21.22	21.27	23.10
5	16QAM	25	0	21.14	21.25	21.21	23.10
5	64QAM	1	0	21.32	21.14	21.18	23.10
5	64QAM	1	12	21.30	21.34	21.34	23.10
5	64QAM	1	24	21.24	21.29	21.20	23.10
5	64QAM	12	0	20.33	20.21	20.28	22.10
5	64QAM	12	7	20.26	20.21	20.23	22.10
5	64QAM	12	13	20.29	20.24	20.29	22.10
5	64QAM	25	0	20.35	20.25	20.38	22.10
5	256QAM	1	0	18.21	18.17	18.20	20.10
5	256QAM	1	12	18.27	18.28	18.28	20.10

5	256QAM	1	24	18.12	18.16	18.28	20.10
5	256QAM	12	0	18.27	18.41	18.34	20.10
5	256QAM	12	7	18.20	18.12	18.20	20.10
5	256QAM	12	13	18.17	18.17	18.14	20.10
5	256QAM	25	0	18.28	18.18	18.17	20.10
Channel				26055	26340	26675	Tune-up limit
Frequency (MHz)				1851.5	1880	1913.5	(dBm)
3	QPSK	1	0	23.24	23.32	23.29	25.10
3	QPSK	1	8	23.12	23.15	23.12	25.10
3	QPSK	1	14	23.20	23.28	23.20	25.10
3	QPSK	8	0	22.29	22.18	22.29	24.10
3	QPSK	8	4	22.11	22.25	22.21	24.10
3	QPSK	8	7	22.24	22.17	22.20	24.10
3	QPSK	15	0	22.26	22.10	22.21	24.10
3	16QAM	1	0	22.34	22.33	22.28	24.10
3	16QAM	1	8	22.24	22.10	22.19	24.10
3	16QAM	1	14	22.37	22.21	22.34	24.10
3	16QAM	8	0	21.45	21.39	21.29	23.10
3	16QAM	8	4	21.18	21.30	21.17	23.10
3	16QAM	8	7	21.14	21.17	21.21	23.10
3	16QAM	15	0	21.12	21.20	21.24	23.10
3	64QAM	1	0	21.29	21.23	21.14	23.10
3	64QAM	1	8	21.32	21.29	21.33	23.10
3	64QAM	1	14	21.24	21.18	21.24	23.10
3	64QAM	8	0	20.33	20.23	20.27	22.10
3	64QAM	8	4	20.25	20.18	20.20	22.10
3	64QAM	8	7	20.25	20.25	20.34	22.10
3	64QAM	15	0	20.29	20.30	20.33	22.10
3	256QAM	1	0	18.15	18.18	18.13	20.10
3	256QAM	1	8	18.20	18.25	18.20	20.10
3	256QAM	1	14	18.16	18.13	18.27	20.10
3	256QAM	8	0	18.30	18.34	18.34	20.10
3	256QAM	8	4	18.10	18.11	18.16	20.10
3	256QAM	8	7	18.13	18.22	18.15	20.10
3	256QAM	15	0	18.24	18.18	18.16	20.10
Channel				26047	26340	26683	Tune-up limit
Frequency (MHz)				1850.7	1880	1914.3	(dBm)
1.4	QPSK	1	0	23.22	23.29	23.29	25.10
1.4	QPSK	1	3	23.11	23.13	23.16	25.10
1.4	QPSK	1	5	23.17	23.28	23.11	25.10
1.4	QPSK	3	0	23.27	23.26	23.24	25.10
1.4	QPSK	3	1	23.11	23.27	23.24	25.10
1.4	QPSK	3	3	23.30	23.28	23.17	25.10
1.4	QPSK	6	0	22.28	22.11	22.29	24.10
1.4	16QAM	1	0	22.32	22.35	22.22	24.10
1.4	16QAM	1	3	22.27	22.10	22.17	24.10
1.4	16QAM	1	5	22.26	22.33	22.28	24.10
1.4	16QAM	3	0	22.40	22.47	22.36	24.10
1.4	16QAM	3	1	22.28	22.24	22.13	24.10
1.4	16QAM	3	3	22.11	22.24	22.22	24.10
1.4	16QAM	6	0	21.17	21.28	21.15	23.10
1.4	64QAM	1	0	21.24	21.19	21.26	23.10
1.4	64QAM	1	3	21.26	21.25	21.39	23.10
1.4	64QAM	1	5	21.20	21.28	21.26	23.10
1.4	64QAM	3	0	21.29	21.17	21.32	23.10
1.4	64QAM	3	1	21.24	21.20	21.22	23.10
1.4	64QAM	3	3	21.19	21.31	21.35	23.10
1.4	64QAM	6	0	20.30	20.29	20.27	22.10
1.4	256QAM	1	0	18.19	18.10	18.26	20.10
1.4	256QAM	1	3	18.28	18.17	18.28	20.10
1.4	256QAM	1	5	18.15	18.16	18.26	20.10
1.4	256QAM	3	0	18.24	18.38	18.26	20.10
1.4	256QAM	3	1	18.21	18.13	18.10	20.10
1.4	256QAM	3	3	18.15	18.19	18.12	20.10
1.4	256QAM	6	0	18.17	18.16	18.18	20.10

【LTE Band 25_Ant 5_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	23.32	23.49	23.38	25.10
20	QPSK	1	49	23.20	23.17	23.17	25.10
20	QPSK	1	99	23.24	23.29	23.23	25.10
20	QPSK	50	0	22.32	22.36	22.33	24.10
20	QPSK	50	24	22.22	22.35	22.31	24.10
20	QPSK	50	50	22.34	22.30	22.29	24.10
20	QPSK	100	0	22.32	22.34	22.32	24.10
20	16QAM	1	0	22.36	22.32	22.34	24.10
20	16QAM	1	49	22.30	22.23	22.25	24.10
20	16QAM	1	99	22.39	22.36	22.36	24.10
20	16QAM	50	0	21.47	21.50	21.41	23.10
20	16QAM	50	24	21.32	21.34	21.26	23.10
20	16QAM	50	50	21.25	21.27	21.28	23.10
20	16QAM	100	0	21.25	21.32	21.28	23.10
20	64QAM	1	0	21.34	21.24	21.29	23.10
20	64QAM	1	49	21.34	21.37	21.43	23.10
20	64QAM	1	99	21.29	21.32	21.29	23.10
20	64QAM	50	0	20.35	20.29	20.34	22.10
20	64QAM	50	24	20.35	20.28	20.28	22.10
20	64QAM	50	50	20.34	20.35	20.39	22.10
20	64QAM	100	0	20.42	20.35	20.39	22.10
20	256QAM	1	0	18.26	18.23	18.27	20.10
20	256QAM	1	49	18.34	18.31	18.30	20.10
20	256QAM	1	99	18.26	18.28	18.29	20.10
20	256QAM	50	0	18.33	18.43	18.39	20.10
20	256QAM	50	24	18.24	18.20	18.24	20.10
20	256QAM	50	50	18.22	18.26	18.16	20.10
20	256QAM	100	0	18.32	18.30	18.29	20.10
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	23.31	23.27	23.24	25.10
15	QPSK	1	37	23.15	23.14	23.11	25.10
15	QPSK	1	74	23.23	23.23	23.17	25.10
15	QPSK	36	0	22.26	22.26	22.32	24.10
15	QPSK	36	20	22.18	22.26	22.17	24.10
15	QPSK	36	39	22.24	22.29	22.26	24.10
15	QPSK	75	0	22.24	22.16	22.24	24.10
15	16QAM	1	0	22.26	22.30	22.23	24.10
15	16QAM	1	37	22.19	22.10	22.21	24.10
15	16QAM	1	74	22.25	22.33	22.30	24.10
15	16QAM	36	0	21.40	21.43	21.38	23.10
15	16QAM	36	20	21.26	21.32	21.24	23.10
15	16QAM	36	39	21.14	21.21	21.14	23.10
15	16QAM	75	0	21.18	21.30	21.15	23.10
15	64QAM	1	0	21.19	21.12	21.25	23.10
15	64QAM	1	37	21.20	21.27	21.31	23.10
15	64QAM	1	74	21.18	21.24	21.25	23.10
15	64QAM	36	0	20.24	20.24	20.25	22.10
15	64QAM	36	20	20.26	20.26	20.20	22.10
15	64QAM	36	39	20.27	20.26	20.32	22.10
15	64QAM	75	0	20.28	20.25	20.31	22.10
15	256QAM	1	0	18.22	18.12	18.18	20.10
15	256QAM	1	37	18.29	18.21	18.25	20.10
15	256QAM	1	74	18.21	18.25	18.24	20.10
15	256QAM	36	0	18.29	18.32	18.28	20.10
15	256QAM	36	20	18.11	18.10	18.18	20.10
15	256QAM	36	39	18.10	18.16	18.12	20.10
15	256QAM	75	0	18.20	18.24	18.16	20.10
Channel				26090	26340	26640	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	23.24	23.34	23.31	25.10
10	QPSK	1	25	23.14	23.10	23.13	25.10
10	QPSK	1	49	23.11	23.18	23.20	25.10
10	QPSK	25	0	22.18	22.28	22.22	24.10
10	QPSK	25	12	22.13	22.30	22.23	24.10
10	QPSK	25	25	22.20	22.21	22.27	24.10
10	QPSK	50	0	22.23	22.10	22.25	24.10
10	16QAM	1	0	22.25	22.29	22.30	24.10

10	16QAM	1	25	22.17	22.14	22.13	24.10
10	16QAM	1	49	22.29	22.29	22.31	24.10
10	16QAM	25	0	21.33	21.40	21.39	23.10
10	16QAM	25	12	21.20	21.20	21.23	23.10
10	16QAM	25	25	21.18	21.14	21.20	23.10
10	16QAM	50	0	21.13	21.28	21.26	23.10
10	64QAM	1	0	21.26	21.11	21.18	23.10
10	64QAM	1	25	21.24	21.35	21.41	23.10
10	64QAM	1	49	21.25	21.31	21.22	23.10
10	64QAM	25	0	20.23	20.25	20.24	22.10
10	64QAM	25	12	20.29	20.25	20.25	22.10
10	64QAM	25	25	20.22	20.21	20.26	22.10
10	64QAM	50	0	20.31	20.20	20.25	22.10
10	256QAM	1	0	18.18	18.17	18.14	20.10
10	256QAM	1	25	18.27	18.21	18.22	20.10
10	256QAM	1	49	18.12	18.19	18.20	20.10
10	256QAM	25	0	18.28	18.42	18.28	20.10
10	256QAM	25	12	18.12	18.12	18.13	20.10
10	256QAM	25	25	18.10	18.16	18.13	20.10
10	256QAM	50	0	18.23	18.18	18.24	20.10
Channel				26065	26340	26665	Tune-up limit
Frequency (MHz)				1852.5	1880	1912.5	(dBm)
5	QPSK	1	0	23.19	23.39	23.31	25.10
5	QPSK	1	12	23.19	23.10	23.12	25.10
5	QPSK	1	24	23.20	23.15	23.12	25.10
5	QPSK	12	0	22.23	22.25	22.21	24.10
5	QPSK	12	7	22.11	22.23	22.29	24.10
5	QPSK	12	13	22.21	22.16	22.16	24.10
5	QPSK	25	0	22.29	22.19	22.24	24.10
5	16QAM	1	0	22.27	22.28	22.21	24.10
5	16QAM	1	12	22.19	22.20	22.20	24.10
5	16QAM	1	24	22.29	22.30	22.35	24.10
5	16QAM	12	0	21.36	21.42	21.36	23.10
5	16QAM	12	7	21.31	21.22	21.13	23.10
5	16QAM	12	13	21.14	21.22	21.27	23.10
5	16QAM	25	0	21.14	21.25	21.21	23.10
5	64QAM	1	0	21.32	21.14	21.18	23.10
5	64QAM	1	12	21.30	21.34	21.34	23.10
5	64QAM	1	24	21.24	21.29	21.20	23.10
5	64QAM	12	0	20.33	20.21	20.28	22.10
5	64QAM	12	7	20.26	20.21	20.23	22.10
5	64QAM	12	13	20.29	20.24	20.29	22.10
5	64QAM	25	0	20.35	20.25	20.38	22.10
5	256QAM	1	0	18.21	18.17	18.20	20.10
5	256QAM	1	12	18.27	18.28	18.28	20.10
5	256QAM	1	24	18.12	18.16	18.28	20.10
5	256QAM	12	0	18.27	18.41	18.34	20.10
5	256QAM	12	7	18.20	18.12	18.20	20.10
5	256QAM	12	13	18.17	18.17	18.14	20.10
5	256QAM	25	0	18.28	18.18	18.17	20.10
Channel				26055	26340	26675	Tune-up limit
Frequency (MHz)				1851.5	1880	1913.5	(dBm)
3	QPSK	1	0	23.24	23.32	23.29	25.10
3	QPSK	1	8	23.12	23.15	23.12	25.10
3	QPSK	1	14	23.20	23.28	23.20	25.10
3	QPSK	8	0	22.29	22.18	22.29	24.10
3	QPSK	8	4	22.11	22.25	22.21	24.10
3	QPSK	8	7	22.24	22.17	22.20	24.10
3	QPSK	15	0	22.26	22.10	22.21	24.10
3	16QAM	1	0	22.34	22.33	22.28	24.10
3	16QAM	1	8	22.24	22.10	22.19	24.10
3	16QAM	1	14	22.37	22.21	22.34	24.10
3	16QAM	8	0	21.45	21.39	21.29	23.10
3	16QAM	8	4	21.18	21.30	21.17	23.10
3	16QAM	8	7	21.14	21.17	21.21	23.10
3	16QAM	15	0	21.12	21.20	21.24	23.10
3	64QAM	1	0	21.29	21.23	21.14	23.10
3	64QAM	1	8	21.32	21.29	21.33	23.10
3	64QAM	1	14	21.24	21.18	21.24	23.10
3	64QAM	8	0	20.33	20.23	20.27	22.10
3	64QAM	8	4	20.25	20.18	20.20	22.10
3	64QAM	8	7	20.25	20.25	20.34	22.10
3	64QAM	15	0	20.29	20.30	20.33	22.10
3	256QAM	1	0	18.15	18.18	18.13	20.10
3	256QAM	1	8	18.20	18.25	18.20	20.10
3	256QAM	1	14	18.16	18.13	18.27	20.10
3	256QAM	8	0	18.30	18.34	18.34	20.10
3	256QAM	8	4	18.10	18.11	18.16	20.10

3	256QAM	8	7	18.13	18.22	18.15	20.10
3	256QAM	15	0	18.24	18.18	18.16	20.10
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	23.22	23.29	23.29	25.10
1.4	QPSK	1	3	23.11	23.13	23.16	25.10
1.4	QPSK	1	5	23.17	23.28	23.11	25.10
1.4	QPSK	3	0	23.27	23.26	23.24	25.10
1.4	QPSK	3	1	23.11	23.27	23.24	25.10
1.4	QPSK	3	3	23.30	23.28	23.17	25.10
1.4	QPSK	6	0	22.28	22.11	22.29	24.10
1.4	16QAM	1	0	22.32	22.35	22.22	24.10
1.4	16QAM	1	3	22.27	22.10	22.17	24.10
1.4	16QAM	1	5	22.26	22.33	22.28	24.10
1.4	16QAM	3	0	22.40	22.47	22.36	24.10
1.4	16QAM	3	1	22.28	22.24	22.13	24.10
1.4	16QAM	3	3	22.11	22.24	22.22	24.10
1.4	16QAM	6	0	21.17	21.28	21.15	23.10
1.4	64QAM	1	0	21.24	21.19	21.26	23.10
1.4	64QAM	1	3	21.26	21.25	21.39	23.10
1.4	64QAM	1	5	21.20	21.28	21.26	23.10
1.4	64QAM	3	0	21.29	21.17	21.32	23.10
1.4	64QAM	3	1	21.24	21.20	21.22	23.10
1.4	64QAM	3	3	21.19	21.31	21.35	23.10
1.4	64QAM	6	0	20.30	20.29	20.27	22.10
1.4	256QAM	1	0	18.19	18.10	18.26	20.10
1.4	256QAM	1	3	18.28	18.17	18.28	20.10
1.4	256QAM	1	5	18.15	18.16	18.26	20.10
1.4	256QAM	3	0	18.24	18.38	18.26	20.10
1.4	256QAM	3	1	18.21	18.13	18.10	20.10
1.4	256QAM	3	3	18.15	18.19	18.12	20.10
1.4	256QAM	6	0	18.17	18.16	18.18	20.10

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	14.80	15.03	14.77	16.00
20	QPSK	1	49	14.68	14.73	14.73	16.00
20	QPSK	1	99	14.70	14.72	14.70	16.00
20	QPSK	50	0	14.71	14.95	14.79	16.00
20	QPSK	50	24	14.69	14.70	14.68	16.00
20	QPSK	50	50	14.68	14.68	14.61	16.00
20	QPSK	100	0	14.76	14.94	14.84	16.00
20	16QAM	1	0	14.70	14.90	14.83	16.00
20	16QAM	1	49	14.79	14.85	14.86	16.00
20	16QAM	1	99	14.71	14.92	14.83	16.00
20	16QAM	50	0	14.67	14.89	14.77	16.00
20	16QAM	50	24	14.72	14.90	14.78	16.00
20	16QAM	50	50	14.75	14.89	14.87	16.00
20	16QAM	100	0	14.80	14.90	14.77	16.00
20	64QAM	1	0	14.67	14.88	14.83	16.00
20	64QAM	1	49	14.69	14.85	14.85	16.00
20	64QAM	1	99	14.75	14.87	14.82	16.00
20	64QAM	50	0	14.67	14.88	14.77	16.00
20	64QAM	50	24	14.71	14.91	14.79	16.00
20	64QAM	50	50	14.72	14.90	14.78	16.00
20	64QAM	100	0	14.71	14.93	14.74	16.00
20	256QAM	1	0	14.69	14.85	14.80	16.00
20	256QAM	1	49	14.69	14.87	14.80	16.00
20	256QAM	1	99	14.69	14.82	14.74	16.00
20	256QAM	50	0	14.67	14.85	14.77	16.00
20	256QAM	50	24	14.67	14.89	14.76	16.00
20	256QAM	50	50	14.69	14.87	14.86	16.00
20	256QAM	100	0	14.70	14.86	14.85	16.00
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	14.75	14.92	14.68	16.00
15	QPSK	1	37	14.65	14.85	14.66	16.00
15	QPSK	1	74	14.69	14.83	14.68	16.00
15	QPSK	36	0	14.65	14.77	14.75	16.00

15	QPSK	36	20	14.65	14.88	14.73	16.00
15	QPSK	36	39	14.58	14.83	14.75	16.00
15	QPSK	75	0	14.68	14.86	14.80	16.00
15	16QAM	1	0	14.68	14.91	14.71	16.00
15	16QAM	1	37	14.76	14.72	14.75	16.00
15	16QAM	1	74	14.57	14.88	14.81	16.00
15	16QAM	36	0	14.62	14.83	14.64	16.00
15	16QAM	36	20	14.67	14.90	14.76	16.00
15	16QAM	36	39	14.70	14.83	14.79	16.00
15	16QAM	75	0	14.72	14.93	14.63	16.00
15	64QAM	1	0	14.60	14.87	14.79	16.00
15	64QAM	1	37	14.64	14.87	14.79	16.00
15	64QAM	1	74	14.71	14.81	14.71	16.00
15	64QAM	36	0	14.53	14.77	14.62	16.00
15	64QAM	36	20	14.59	14.78	14.72	16.00
15	64QAM	36	39	14.66	14.79	14.67	16.00
15	64QAM	75	0	14.65	14.78	14.66	16.00
15	256QAM	1	0	14.58	14.84	14.66	16.00
15	256QAM	1	37	14.62	14.82	14.73	16.00
15	256QAM	1	74	14.54	14.90	14.61	16.00
15	256QAM	36	0	14.63	14.94	14.67	16.00
15	256QAM	36	20	14.63	14.86	14.70	16.00
15	256QAM	36	39	14.67	14.79	14.83	16.00
15	256QAM	75	0	14.63	14.89	14.81	16.00
Channel				26090	26340	26640	Tune-up limit
Frequency (MHz)				1855	1880	1910	(dBm)
10	QPSK	1	0	14.73	14.82	14.73	16.00
10	QPSK	1	25	14.56	14.83	14.61	16.00
10	QPSK	1	49	14.65	14.76	14.67	16.00
10	QPSK	25	0	14.63	14.78	14.66	16.00
10	QPSK	25	12	14.73	14.85	14.74	16.00
10	QPSK	25	25	14.60	14.85	14.67	16.00
10	QPSK	50	0	14.74	14.85	14.83	16.00
10	16QAM	1	0	14.57	14.90	14.76	16.00
10	16QAM	1	25	14.74	14.75	14.71	16.00
10	16QAM	1	49	14.63	14.88	14.74	16.00
10	16QAM	25	0	14.58	14.78	14.65	16.00
10	16QAM	25	12	14.61	14.82	14.76	16.00
10	16QAM	25	25	14.71	14.74	14.81	16.00
10	16QAM	50	0	14.69	14.81	14.63	16.00
10	64QAM	1	0	14.55	14.89	14.76	16.00
10	64QAM	1	25	14.66	14.87	14.76	16.00
10	64QAM	1	49	14.68	14.79	14.78	16.00
10	64QAM	25	0	14.65	14.75	14.69	16.00
10	64QAM	25	12	14.63	14.81	14.67	16.00
10	64QAM	25	25	14.65	14.78	14.73	16.00
10	64QAM	50	0	14.66	14.85	14.69	16.00
10	256QAM	1	0	14.67	14.87	14.72	16.00
10	256QAM	1	25	14.56	14.86	14.78	16.00
10	256QAM	1	49	14.67	14.92	14.70	16.00
10	256QAM	25	0	14.63	14.82	14.73	16.00
10	256QAM	25	12	14.61	14.85	14.71	16.00
10	256QAM	25	25	14.59	14.86	14.75	16.00
10	256QAM	50	0	14.57	14.87	14.80	16.00
Channel				26065	26340	26665	Tune-up limit
Frequency (MHz)				1852.5	1880	1912.5	(dBm)
5	QPSK	1	0	14.70	14.85	14.76	16.00
5	QPSK	1	12	14.66	14.81	14.63	16.00
5	QPSK	1	24	14.59	14.80	14.73	16.00
5	QPSK	12	0	14.57	14.84	14.69	16.00
5	QPSK	12	7	14.63	14.89	14.78	16.00
5	QPSK	12	13	14.66	14.87	14.71	16.00
5	QPSK	25	0	14.62	14.88	14.75	16.00
5	16QAM	1	0	14.57	14.91	14.69	16.00
5	16QAM	1	12	14.74	14.76	14.76	16.00
5	16QAM	1	24	14.68	14.85	14.74	16.00
5	16QAM	12	0	14.53	14.84	14.71	16.00
5	16QAM	12	7	14.64	14.86	14.69	16.00
5	16QAM	12	13	14.62	14.82	14.78	16.00
5	16QAM	25	0	14.75	14.80	14.66	16.00
5	64QAM	1	0	14.66	14.82	14.78	16.00
5	64QAM	1	12	14.54	14.83	14.71	16.00
5	64QAM	1	24	14.73	14.90	14.68	16.00
5	64QAM	12	0	14.60	14.81	14.74	16.00
5	64QAM	12	7	14.65	14.78	14.72	16.00
5	64QAM	12	13	14.61	14.85	14.77	16.00
5	64QAM	25	0	14.61	14.86	14.60	16.00
5	256QAM	1	0	14.58	14.80	14.66	16.00

5	256QAM	1	12	14.59	14.81	14.66	16.00
5	256QAM	1	24	14.67	14.84	14.68	16.00
5	256QAM	12	0	14.57	14.93	14.65	16.00
5	256QAM	12	7	14.54	14.84	14.69	16.00
5	256QAM	12	13	14.58	14.80	14.84	16.00
5	256QAM	25	0	14.63	14.91	14.83	16.00
Channel				26055	26340	26675	Tune-up limit
Frequency (MHz)				1851.5	1880	1913.5	(dBm)
3	QPSK	1	0	14.69	14.93	14.63	16.00
3	QPSK	1	8	14.57	14.83	14.62	16.00
3	QPSK	1	14	14.59	14.78	14.72	16.00
3	QPSK	8	0	14.59	14.77	14.71	16.00
3	QPSK	8	4	14.69	14.89	14.68	16.00
3	QPSK	8	7	14.59	14.80	14.64	16.00
3	QPSK	15	0	14.68	14.89	14.73	16.00
3	16QAM	1	0	14.55	14.85	14.79	16.00
3	16QAM	1	8	14.77	14.71	14.76	16.00
3	16QAM	1	14	14.60	14.85	14.78	16.00
3	16QAM	8	0	14.56	14.80	14.65	16.00
3	16QAM	8	4	14.69	14.91	14.75	16.00
3	16QAM	8	7	14.61	14.83	14.84	16.00
3	16QAM	15	0	14.73	14.82	14.70	16.00
3	64QAM	1	0	14.61	14.88	14.70	16.00
3	64QAM	1	8	14.67	14.77	14.78	16.00
3	64QAM	1	14	14.67	14.87	14.71	16.00
3	64QAM	8	0	14.52	14.81	14.72	16.00
3	64QAM	8	4	14.63	14.86	14.75	16.00
3	64QAM	8	7	14.58	14.82	14.74	16.00
3	64QAM	15	0	14.57	14.85	14.61	16.00
3	256QAM	1	0	14.64	14.90	14.76	16.00
3	256QAM	1	8	14.64	14.83	14.73	16.00
3	256QAM	1	14	14.66	14.85	14.61	16.00
3	256QAM	8	0	14.61	14.85	14.62	16.00
3	256QAM	8	4	14.64	14.78	14.65	16.00
3	256QAM	8	7	14.56	14.76	14.73	16.00
3	256QAM	15	0	14.61	14.87	14.77	16.00
Channel				26047	26340	26683	Tune-up limit
Frequency (MHz)				1850.7	1880	1914.3	(dBm)
1.4	QPSK	1	0	14.67	14.87	14.67	16.00
1.4	QPSK	1	3	14.60	14.83	14.71	16.00
1.4	QPSK	1	5	14.58	14.81	14.70	16.00
1.4	QPSK	3	0	14.63	14.83	14.70	16.00
1.4	QPSK	3	1	14.67	14.91	14.72	16.00
1.4	QPSK	3	3	14.60	14.80	14.67	16.00
1.4	QPSK	6	0	14.71	14.84	14.71	16.00
1.4	16QAM	1	0	14.59	14.89	14.77	16.00
1.4	16QAM	1	3	14.66	14.82	14.80	16.00
1.4	16QAM	1	5	14.65	14.79	14.74	16.00
1.4	16QAM	3	0	14.52	14.88	14.63	16.00
1.4	16QAM	3	1	14.68	14.86	14.68	16.00
1.4	16QAM	3	3	14.67	14.76	14.79	16.00
1.4	16QAM	6	0	14.76	14.88	14.66	16.00
1.4	64QAM	1	0	14.52	14.81	14.81	16.00
1.4	64QAM	1	3	14.56	14.85	14.73	16.00
1.4	64QAM	1	5	14.72	14.81	14.72	16.00
1.4	64QAM	3	0	14.58	14.78	14.72	16.00
1.4	64QAM	3	1	14.60	14.82	14.68	16.00
1.4	64QAM	3	3	14.71	14.79	14.64	16.00
1.4	64QAM	6	0	14.56	14.85	14.72	16.00
1.4	256QAM	1	0	14.66	14.89	14.66	16.00
1.4	256QAM	1	3	14.60	14.77	14.71	16.00
1.4	256QAM	1	5	14.57	14.91	14.62	16.00
1.4	256QAM	3	0	14.63	14.82	14.71	16.00
1.4	256QAM	3	1	14.57	14.76	14.62	16.00
1.4	256QAM	3	3	14.64	14.76	14.81	16.00
1.4	256QAM	6	0	14.63	14.85	14.75	16.00

【LTE Band 26__FCC (814~849MHz)_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				26765	26865	26965	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	24.14	24.22	24.06	25.10
15	QPSK	1	37	24.11	24.11	24.09	25.10
15	QPSK	1	74	24.04	24.06	24.10	25.10
15	QPSK	36	0	22.95	23.34	23.20	24.10
15	QPSK	36	20	23.08	23.19	23.18	24.10
15	QPSK	36	39	23.04	23.29	23.24	24.10
15	QPSK	75	0	23.03	23.22	23.24	24.10
15	16QAM	1	0	23.04	23.29	23.19	24.10
15	16QAM	1	37	23.03	23.24	23.08	24.10
15	16QAM	1	74	23.13	23.20	23.05	24.10
15	16QAM	36	0	22.14	22.43	22.12	23.10
15	16QAM	36	20	22.07	22.24	22.25	23.10
15	16QAM	36	39	21.99	22.29	22.17	23.10
15	16QAM	75	0	22.08	22.27	22.04	23.10
15	64QAM	1	0	22.15	22.30	22.22	23.10
15	64QAM	1	37	22.11	22.26	22.21	23.10
15	64QAM	1	74	22.12	22.19	22.21	23.10
15	64QAM	36	0	21.04	21.33	21.24	22.10
15	64QAM	36	20	21.07	21.34	21.14	22.10
15	64QAM	36	39	21.03	21.39	21.27	22.10
15	64QAM	75	0	21.14	21.31	21.12	22.10
15	256QAM	1	0	18.96	19.18	19.13	20.10
15	256QAM	1	37	19.06	19.28	19.14	20.10
15	256QAM	1	74	19.01	19.29	19.18	20.10
15	256QAM	36	0	19.00	19.28	19.26	20.10
15	256QAM	36	20	18.98	19.25	19.14	20.10
15	256QAM	36	39	19.05	19.20	19.16	20.10
15	256QAM	75	0	19.04	19.17	19.19	20.10
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	24.02	24.17	24.01	25.10
10	QPSK	1	25	24.05	24.10	23.95	25.10
10	QPSK	1	49	23.89	23.96	24.00	25.10
10	QPSK	25	0	22.85	23.32	23.11	24.10
10	QPSK	25	12	23.03	23.15	23.10	24.10
10	QPSK	25	25	22.99	23.20	23.21	24.10
10	QPSK	50	0	22.91	23.08	23.10	24.10
10	16QAM	1	0	22.91	23.16	23.11	24.10
10	16QAM	1	25	22.95	23.21	23.03	24.10
10	16QAM	1	49	23.10	23.13	23.02	24.10
10	16QAM	25	0	22.02	22.29	22.07	23.10
10	16QAM	25	12	22.05	22.16	22.12	23.10
10	16QAM	25	25	21.89	22.24	22.04	23.10
10	16QAM	50	0	22.06	22.25	21.98	23.10
10	64QAM	1	0	22.04	22.22	22.15	23.10
10	64QAM	1	25	22.09	22.17	22.11	23.10
10	64QAM	1	49	22.07	22.12	22.12	23.10
10	64QAM	25	0	20.94	21.27	21.13	22.10
10	64QAM	25	12	20.97	21.26	21.07	22.10
10	64QAM	25	25	21.01	21.31	21.20	22.10
10	64QAM	50	0	20.99	21.20	21.04	22.10
10	256QAM	1	0	18.93	19.03	19.03	20.10
10	256QAM	1	25	19.00	19.18	19.09	20.10
10	256QAM	1	49	18.91	19.18	19.09	20.10
10	256QAM	25	0	18.87	19.20	19.12	20.10
10	256QAM	25	12	18.92	19.12	19.07	20.10
10	256QAM	25	25	18.93	19.08	19.05	20.10
10	256QAM	50	0	18.95	19.07	19.05	20.10
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	24.13	24.21	24.01	25.10
5	QPSK	1	12	23.97	23.97	24.04	25.10
5	QPSK	1	24	24.00	24.02	24.03	25.10
5	QPSK	12	0	22.92	23.27	23.13	24.10
5	QPSK	12	7	22.98	23.15	23.06	24.10
5	QPSK	12	13	22.96	23.16	23.22	24.10
5	QPSK	25	0	22.98	23.13	23.14	24.10
5	16QAM	1	0	22.97	23.18	23.09	24.10

5	16QAM	1	12	22.95	23.11	23.03	24.10
5	16QAM	1	24	23.03	23.08	22.94	24.10
5	16QAM	12	0	22.04	22.39	22.09	23.10
5	16QAM	12	7	22.03	22.19	22.13	23.10
5	16QAM	12	13	21.92	22.19	22.08	23.10
5	16QAM	25	0	22.06	22.18	21.95	23.10
5	64QAM	1	0	22.08	22.17	22.16	23.10
5	64QAM	1	12	22.09	22.11	22.18	23.10
5	64QAM	1	24	22.03	22.13	22.06	23.10
5	64QAM	12	0	20.89	21.27	21.20	22.10
5	64QAM	12	7	21.00	21.20	21.09	22.10
5	64QAM	12	13	20.90	21.36	21.21	22.10
5	64QAM	25	0	21.00	21.22	21.10	22.10
5	256QAM	1	0	18.93	19.17	19.00	20.10
5	256QAM	1	12	19.02	19.17	19.05	20.10
5	256QAM	1	24	18.89	19.16	19.14	20.10
5	256QAM	12	0	18.90	19.16	19.14	20.10
5	256QAM	12	7	18.84	19.21	19.01	20.10
5	256QAM	12	13	19.00	19.19	19.09	20.10
5	256QAM	25	0	18.94	19.06	19.07	20.10
Channel				26705	26865	27025	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	QPSK	1	0	24.06	24.18	24.03	25.10
3	QPSK	1	8	24.09	24.08	23.94	25.10
3	QPSK	1	14	23.92	23.94	24.04	25.10
3	QPSK	8	0	22.86	23.26	23.14	24.10
3	QPSK	8	4	23.07	23.09	23.12	24.10
3	QPSK	8	7	23.01	23.26	23.11	24.10
3	QPSK	15	0	22.99	23.18	23.11	24.10
3	16QAM	1	0	23.02	23.22	23.04	24.10
3	16QAM	1	8	22.97	23.23	22.99	24.10
3	16QAM	1	14	23.01	23.08	22.91	24.10
3	16QAM	8	0	22.12	22.38	22.05	23.10
3	16QAM	8	4	21.97	22.21	22.14	23.10
3	16QAM	8	7	21.90	22.25	22.06	23.10
3	16QAM	15	0	22.00	22.14	22.03	23.10
3	64QAM	1	0	22.04	22.28	22.11	23.10
3	64QAM	1	8	22.00	22.18	22.10	23.10
3	64QAM	1	14	22.05	22.15	22.08	23.10
3	64QAM	8	0	20.95	21.26	21.17	22.10
3	64QAM	8	4	21.02	21.33	21.04	22.10
3	64QAM	8	7	21.01	21.35	21.17	22.10
3	64QAM	15	0	21.03	21.29	20.98	22.10
3	256QAM	1	0	18.89	19.09	18.99	20.10
3	256QAM	1	8	18.94	19.26	19.08	20.10
3	256QAM	1	14	18.93	19.18	19.13	20.10
3	256QAM	8	0	18.91	19.22	19.12	20.10
3	256QAM	8	4	18.92	19.24	19.13	20.10
3	256QAM	8	7	19.03	19.17	19.05	20.10
3	256QAM	15	0	19.00	19.09	19.16	20.10
Channel				26697	26865	27033	Tune-up limit
Frequency (MHz)				814.7	831.5	848.3	(dBm)
1.4	QPSK	1	0	24.02	24.13	24.02	25.10
1.4	QPSK	1	3	24.01	24.09	24.07	25.10
1.4	QPSK	1	5	23.95	24.00	24.05	25.10
1.4	QPSK	3	0	23.91	24.32	24.05	25.10
1.4	QPSK	3	1	23.93	24.17	24.06	25.10
1.4	QPSK	3	3	23.90	24.24	24.21	25.10
1.4	QPSK	6	0	23.00	23.17	23.11	24.10
1.4	16QAM	1	0	22.95	23.16	23.13	24.10
1.4	16QAM	1	3	22.96	23.09	23.05	24.10
1.4	16QAM	1	5	23.08	23.08	22.95	24.10
1.4	16QAM	3	0	23.06	23.32	22.99	24.10
1.4	16QAM	3	1	22.96	23.20	23.18	24.10
1.4	16QAM	3	3	22.85	23.25	23.07	24.10
1.4	16QAM	6	0	22.04	22.24	22.01	23.10
1.4	64QAM	1	0	22.12	22.27	22.09	23.10
1.4	64QAM	1	3	22.01	22.15	22.07	23.10
1.4	64QAM	1	5	22.03	22.14	22.13	23.10
1.4	64QAM	3	0	21.90	22.21	22.22	23.10
1.4	64QAM	3	1	21.97	22.21	22.00	23.10
1.4	64QAM	3	3	21.97	22.32	22.25	23.10
1.4	64QAM	6	0	21.04	21.22	21.09	22.10
1.4	256QAM	1	0	18.88	19.04	19.11	20.10
1.4	256QAM	1	3	18.94	19.20	19.13	20.10
1.4	256QAM	1	5	18.94	19.15	19.12	20.10
1.4	256QAM	3	0	18.98	19.13	19.22	20.10
1.4	256QAM	3	1	18.91	19.17	19.06	20.10

1.4	256QAM	3	3	18.92	19.06	19.10	20.10
1.4	256QAM	6	0	19.01	19.07	19.16	20.10

【LTE Band 26__FCC (814~849MHz)_Ant 8_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26765	26865	26965	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	24.14	24.22	24.06	25.10
15	QPSK	1	37	24.11	24.11	24.09	25.10
15	QPSK	1	74	24.04	24.06	24.10	25.10
15	QPSK	36	0	22.95	23.34	23.20	24.10
15	QPSK	36	20	23.08	23.19	23.18	24.10
15	QPSK	36	39	23.04	23.29	23.24	24.10
15	QPSK	75	0	23.03	23.22	23.24	24.10
15	16QAM	1	0	23.04	23.29	23.19	24.10
15	16QAM	1	37	23.03	23.24	23.08	24.10
15	16QAM	1	74	23.13	23.20	23.05	24.10
15	16QAM	36	0	22.14	22.43	22.12	23.10
15	16QAM	36	20	22.07	22.24	22.25	23.10
15	16QAM	36	39	21.99	22.29	22.17	23.10
15	16QAM	75	0	22.08	22.27	22.04	23.10
15	64QAM	1	0	22.15	22.30	22.22	23.10
15	64QAM	1	37	22.11	22.26	22.21	23.10
15	64QAM	1	74	22.12	22.19	22.21	23.10
15	64QAM	36	0	21.04	21.33	21.24	22.10
15	64QAM	36	20	21.07	21.34	21.14	22.10
15	64QAM	36	39	21.03	21.39	21.27	22.10
15	64QAM	75	0	21.14	21.31	21.12	22.10
15	256QAM	1	0	18.96	19.18	19.13	20.10
15	256QAM	1	37	19.06	19.28	19.14	20.10
15	256QAM	1	74	19.01	19.29	19.18	20.10
15	256QAM	36	0	19.00	19.28	19.26	20.10
15	256QAM	36	20	18.98	19.25	19.14	20.10
15	256QAM	36	39	19.05	19.20	19.16	20.10
15	256QAM	75	0	19.04	19.17	19.19	20.10
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	24.02	24.17	24.01	25.10
10	QPSK	1	25	24.05	24.10	23.95	25.10
10	QPSK	1	49	23.89	23.96	24.00	25.10
10	QPSK	25	0	22.85	23.32	23.11	24.10
10	QPSK	25	12	23.03	23.15	23.10	24.10
10	QPSK	25	25	22.99	23.20	23.21	24.10
10	QPSK	50	0	22.91	23.08	23.10	24.10
10	16QAM	1	0	22.91	23.16	23.11	24.10
10	16QAM	1	25	22.95	23.21	23.03	24.10
10	16QAM	1	49	23.10	23.13	23.02	24.10
10	16QAM	25	0	22.02	22.29	22.07	23.10
10	16QAM	25	12	22.05	22.16	22.12	23.10
10	16QAM	25	25	21.89	22.24	22.04	23.10
10	16QAM	50	0	22.06	22.25	21.98	23.10
10	64QAM	1	0	22.04	22.22	22.15	23.10
10	64QAM	1	25	22.09	22.17	22.11	23.10
10	64QAM	1	49	22.07	22.12	22.12	23.10
10	64QAM	25	0	20.94	21.27	21.13	22.10
10	64QAM	25	12	20.97	21.26	21.07	22.10
10	64QAM	25	25	21.01	21.31	21.20	22.10
10	64QAM	50	0	20.99	21.20	21.04	22.10
10	256QAM	1	0	18.93	19.03	19.03	20.10
10	256QAM	1	25	19.00	19.18	19.09	20.10
10	256QAM	1	49	18.91	19.18	19.09	20.10
10	256QAM	25	0	18.87	19.20	19.12	20.10
10	256QAM	25	12	18.92	19.12	19.07	20.10
10	256QAM	25	25	18.93	19.08	19.05	20.10
10	256QAM	50	0	18.95	19.07	19.05	20.10
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	24.13	24.21	24.01	25.10
5	QPSK	1	12	23.97	23.97	24.04	25.10
5	QPSK	1	24	24.00	24.02	24.03	25.10
5	QPSK	12	0	22.92	23.27	23.13	24.10

5	QPSK	12	7	22.98	23.15	23.06	24.10
5	QPSK	12	13	22.96	23.16	23.22	24.10
5	QPSK	25	0	22.98	23.13	23.14	24.10
5	16QAM	1	0	22.97	23.18	23.09	24.10
5	16QAM	1	12	22.95	23.11	23.03	24.10
5	16QAM	1	24	23.03	23.08	22.94	24.10
5	16QAM	12	0	22.04	22.39	22.09	23.10
5	16QAM	12	7	22.03	22.19	22.13	23.10
5	16QAM	12	13	21.92	22.19	22.08	23.10
5	16QAM	25	0	22.06	22.18	21.95	23.10
5	64QAM	1	0	22.08	22.17	22.16	23.10
5	64QAM	1	12	22.09	22.11	22.18	23.10
5	64QAM	1	24	22.03	22.13	22.06	23.10
5	64QAM	12	0	20.89	21.27	21.20	22.10
5	64QAM	12	7	21.00	21.20	21.09	22.10
5	64QAM	12	13	20.90	21.36	21.21	22.10
5	64QAM	25	0	21.00	21.22	21.10	22.10
5	256QAM	1	0	18.93	19.17	19.00	20.10
5	256QAM	1	12	19.02	19.17	19.05	20.10
5	256QAM	1	24	18.89	19.16	19.14	20.10
5	256QAM	12	0	18.90	19.16	19.14	20.10
5	256QAM	12	7	18.84	19.21	19.01	20.10
5	256QAM	12	13	19.00	19.19	19.09	20.10
5	256QAM	25	0	18.94	19.06	19.07	20.10
Channel				26705	26865	27025	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	QPSK	1	0	24.06	24.18	24.03	25.10
3	QPSK	1	8	24.09	24.08	23.94	25.10
3	QPSK	1	14	23.92	23.94	24.04	25.10
3	QPSK	8	0	22.86	23.26	23.14	24.10
3	QPSK	8	4	23.07	23.09	23.12	24.10
3	QPSK	8	7	23.01	23.26	23.11	24.10
3	QPSK	15	0	22.99	23.18	23.11	24.10
3	16QAM	1	0	23.02	23.22	23.04	24.10
3	16QAM	1	8	22.97	23.23	22.99	24.10
3	16QAM	1	14	23.01	23.08	22.91	24.10
3	16QAM	8	0	22.12	22.38	22.05	23.10
3	16QAM	8	4	21.97	22.21	22.14	23.10
3	16QAM	8	7	21.90	22.25	22.06	23.10
3	16QAM	15	0	22.00	22.14	22.03	23.10
3	64QAM	1	0	22.04	22.28	22.11	23.10
3	64QAM	1	8	22.00	22.18	22.10	23.10
3	64QAM	1	14	22.05	22.15	22.08	23.10
3	64QAM	8	0	20.95	21.26	21.17	22.10
3	64QAM	8	4	21.02	21.33	21.04	22.10
3	64QAM	8	7	21.01	21.35	21.17	22.10
3	64QAM	15	0	21.03	21.29	20.98	22.10
3	256QAM	1	0	18.89	19.09	18.99	20.10
3	256QAM	1	8	18.94	19.26	19.08	20.10
3	256QAM	1	14	18.93	19.18	19.13	20.10
3	256QAM	8	0	18.91	19.22	19.12	20.10
3	256QAM	8	4	18.92	19.24	19.13	20.10
3	256QAM	8	7	19.03	19.17	19.05	20.10
3	256QAM	15	0	19.00	19.09	19.16	20.10
Channel				26697	26865	27033	Tune-up limit
Frequency (MHz)				814.7	831.5	848.3	(dBm)
1.4	QPSK	1	0	24.02	24.13	24.02	25.10
1.4	QPSK	1	3	24.01	24.09	24.07	25.10
1.4	QPSK	1	5	23.95	24.00	24.05	25.10
1.4	QPSK	3	0	23.91	24.32	24.05	25.10
1.4	QPSK	3	1	23.93	24.17	24.06	25.10
1.4	QPSK	3	3	23.90	24.24	24.21	25.10
1.4	QPSK	6	0	23.00	23.17	23.11	24.10
1.4	16QAM	1	0	22.95	23.16	23.13	24.10
1.4	16QAM	1	3	22.96	23.09	23.05	24.10
1.4	16QAM	1	5	23.08	23.08	22.95	24.10
1.4	16QAM	3	0	23.06	23.32	22.99	24.10
1.4	16QAM	3	1	22.96	23.20	23.18	24.10
1.4	16QAM	3	3	22.85	23.25	23.07	24.10
1.4	16QAM	6	0	22.04	22.24	22.01	23.10
1.4	64QAM	1	0	22.12	22.27	22.09	23.10
1.4	64QAM	1	3	22.01	22.15	22.07	23.10
1.4	64QAM	1	5	22.03	22.14	22.13	23.10
1.4	64QAM	3	0	21.90	22.21	22.22	23.10
1.4	64QAM	3	1	21.97	22.21	22.00	23.10
1.4	64QAM	3	3	21.97	22.32	22.25	23.10
1.4	64QAM	6	0	21.04	21.22	21.09	22.10
1.4	256QAM	1	0	18.88	19.04	19.11	20.10

1.4	256QAM	1	3	18.94	19.20	19.13	20.10
1.4	256QAM	1	5	18.94	19.15	19.12	20.10
1.4	256QAM	3	0	18.98	19.13	19.22	20.10
1.4	256QAM	3	1	18.91	19.17	19.06	20.10
1.4	256QAM	3	3	18.92	19.06	19.10	20.10
1.4	256QAM	6	0	19.01	19.07	19.16	20.10

【LTE Band 26_FCC (814~849MHz)_Ant 8_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26765	26865	26965	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	19.80	19.83	19.69	21.00
15	QPSK	1	37	19.74	19.77	19.59	21.00
15	QPSK	1	74	19.71	19.80	19.60	21.00
15	QPSK	36	0	19.66	19.82	19.58	21.00
15	QPSK	36	20	19.73	19.79	19.55	21.00
15	QPSK	36	39	19.69	19.74	19.62	21.00
15	QPSK	75	0	19.68	19.74	19.63	21.00
15	16QAM	1	0	19.67	19.77	19.63	21.00
15	16QAM	1	37	19.73	19.72	19.62	21.00
15	16QAM	1	74	19.62	19.76	19.52	21.00
15	16QAM	36	0	19.68	19.74	19.56	21.00
15	16QAM	36	20	19.63	19.81	19.57	21.00
15	16QAM	36	39	19.73	19.68	19.63	21.00
15	16QAM	75	0	19.72	19.79	19.56	21.00
15	64QAM	1	0	19.60	19.69	19.53	21.00
15	64QAM	1	37	19.65	19.74	19.62	21.00
15	64QAM	1	74	19.63	19.81	19.65	21.00
15	64QAM	36	0	19.69	19.71	19.63	21.00
15	64QAM	36	20	19.72	19.70	19.65	21.00
15	64QAM	36	39	19.64	19.80	19.56	21.00
15	64QAM	75	0	19.64	19.72	19.59	21.00
15	256QAM	1	0	18.84	18.96	18.83	20.10
15	256QAM	1	37	18.86	18.91	18.89	20.10
15	256QAM	1	74	18.79	18.90	18.69	20.10
15	256QAM	36	0	18.83	18.83	18.79	20.10
15	256QAM	36	20	18.90	18.90	18.72	20.10
15	256QAM	36	39	18.80	18.85	18.88	20.10
15	256QAM	75	0	18.84	18.86	18.83	20.10
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	19.74	19.75	19.62	21.00
10	QPSK	1	25	19.66	19.70	19.48	21.00
10	QPSK	1	49	19.66	19.70	19.57	21.00
10	QPSK	25	0	19.64	19.69	19.52	21.00
10	QPSK	25	12	19.63	19.67	19.42	21.00
10	QPSK	25	25	19.66	19.63	19.55	21.00
10	QPSK	50	0	19.60	19.62	19.50	21.00
10	16QAM	1	0	19.58	19.62	19.57	21.00
10	16QAM	1	25	19.68	19.67	19.48	21.00
10	16QAM	1	49	19.48	19.63	19.44	21.00
10	16QAM	25	0	19.57	19.61	19.55	21.00
10	16QAM	25	12	19.55	19.73	19.55	21.00
10	16QAM	25	25	19.62	19.57	19.60	21.00
10	16QAM	50	0	19.70	19.71	19.53	21.00
10	64QAM	1	0	19.54	19.64	19.44	21.00
10	64QAM	1	25	19.56	19.70	19.55	21.00
10	64QAM	1	49	19.60	19.68	19.54	21.00
10	64QAM	25	0	19.64	19.66	19.56	21.00
10	64QAM	25	12	19.69	19.57	19.56	21.00
10	64QAM	25	25	19.51	19.72	19.53	21.00
10	64QAM	50	0	19.56	19.65	19.49	21.00
10	256QAM	1	0	18.78	18.89	18.76	20.10
10	256QAM	1	25	18.80	18.81	18.81	20.10
10	256QAM	1	49	18.69	18.82	18.60	20.10
10	256QAM	25	0	18.81	18.72	18.67	20.10
10	256QAM	25	12	18.81	18.88	18.66	20.10
10	256QAM	25	25	18.76	18.76	18.77	20.10
10	256QAM	50	0	18.78	18.71	18.68	20.10
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	

5	QPSK	1	0	19.78	19.71	19.64	21.00
5	QPSK	1	12	19.64	19.63	19.52	21.00
5	QPSK	1	24	19.65	19.68	19.56	21.00
5	QPSK	12	0	19.56	19.73	19.50	21.00
5	QPSK	12	7	19.65	19.70	19.41	21.00
5	QPSK	12	13	19.60	19.63	19.59	21.00
5	QPSK	25	0	19.63	19.60	19.58	21.00
5	16QAM	1	0	19.61	19.68	19.55	21.00
5	16QAM	1	12	19.71	19.62	19.57	21.00
5	16QAM	1	24	19.48	19.71	19.46	21.00
5	16QAM	12	0	19.54	19.65	19.45	21.00
5	16QAM	12	7	19.61	19.73	19.51	21.00
5	16QAM	12	13	19.70	19.55	19.60	21.00
5	16QAM	25	0	19.63	19.67	19.42	21.00
5	64QAM	1	0	19.52	19.55	19.44	21.00
5	64QAM	1	12	19.50	19.62	19.47	21.00
5	64QAM	1	24	19.54	19.77	19.55	21.00
5	64QAM	12	0	19.57	19.63	19.51	21.00
5	64QAM	12	7	19.64	19.65	19.60	21.00
5	64QAM	12	13	19.54	19.70	19.42	21.00
5	64QAM	25	0	19.58	19.59	19.58	21.00
5	256QAM	1	0	18.73	18.84	18.75	20.10
5	256QAM	1	12	18.72	18.77	18.86	20.10
5	256QAM	1	24	18.68	18.80	18.55	20.10
5	256QAM	12	0	18.75	18.70	18.68	20.10
5	256QAM	12	7	18.88	18.87	18.70	20.10
5	256QAM	12	13	18.75	18.79	18.79	20.10
5	256QAM	25	0	18.75	18.81	18.81	20.10
Channel				26705	26865	27025	Tune-up limit (dBm)
Frequency (MHz)				815.5	831.5	847.5	
3	QPSK	1	0	19.75	19.71	19.65	21.00
3	QPSK	1	8	19.73	19.65	19.54	21.00
3	QPSK	1	14	19.66	19.66	19.49	21.00
3	QPSK	8	0	19.53	19.75	19.52	21.00
3	QPSK	8	4	19.68	19.75	19.46	21.00
3	QPSK	8	7	19.56	19.73	19.58	21.00
3	QPSK	15	0	19.59	19.70	19.53	21.00
3	16QAM	1	0	19.64	19.70	19.60	21.00
3	16QAM	1	8	19.62	19.63	19.51	21.00
3	16QAM	1	14	19.57	19.64	19.51	21.00
3	16QAM	8	0	19.65	19.65	19.49	21.00
3	16QAM	8	4	19.57	19.75	19.54	21.00
3	16QAM	8	7	19.64	19.55	19.58	21.00
3	16QAM	15	0	19.66	19.71	19.46	21.00
3	64QAM	1	0	19.57	19.67	19.51	21.00
3	64QAM	1	8	19.55	19.69	19.51	21.00
3	64QAM	1	14	19.50	19.68	19.63	21.00
3	64QAM	8	0	19.55	19.64	19.49	21.00
3	64QAM	8	4	19.65	19.63	19.57	21.00
3	64QAM	8	7	19.52	19.70	19.49	21.00
3	64QAM	15	0	19.56	19.59	19.46	21.00
3	256QAM	1	0	18.72	18.92	18.70	20.10
3	256QAM	1	8	18.75	18.85	18.86	20.10
3	256QAM	1	14	18.64	18.86	18.59	20.10
3	256QAM	8	0	18.71	18.79	18.77	20.10
3	256QAM	8	4	18.87	18.76	18.65	20.10
3	256QAM	8	7	18.68	18.77	18.77	20.10
3	256QAM	15	0	18.83	18.72	18.71	20.10
Channel				26697	26865	27033	Tune-up limit (dBm)
Frequency (MHz)				814.7	831.5	848.3	
1.4	QPSK	1	0	19.75	19.80	19.55	21.00
1.4	QPSK	1	3	19.66	19.70	19.58	21.00
1.4	QPSK	1	5	19.57	19.77	19.58	21.00
1.4	QPSK	3	0	19.63	19.76	19.55	21.00
1.4	QPSK	3	1	19.69	19.72	19.53	21.00
1.4	QPSK	3	3	19.65	19.63	19.50	21.00
1.4	QPSK	6	0	19.64	19.70	19.54	21.00
1.4	16QAM	1	0	19.61	19.64	19.59	21.00
1.4	16QAM	1	3	19.67	19.59	19.54	21.00
1.4	16QAM	1	5	19.52	19.65	19.47	21.00
1.4	16QAM	3	0	19.65	19.60	19.48	21.00
1.4	16QAM	3	1	19.55	19.70	19.45	21.00
1.4	16QAM	3	3	19.59	19.57	19.54	21.00
1.4	16QAM	6	0	19.65	19.66	19.45	21.00
1.4	64QAM	1	0	19.54	19.57	19.45	21.00
1.4	64QAM	1	3	19.51	19.62	19.58	21.00
1.4	64QAM	1	5	19.59	19.70	19.50	21.00
1.4	64QAM	3	0	19.66	19.67	19.60	21.00

1.4	64QAM	3	1	19.63	19.61	19.55	21.00
1.4	64QAM	3	3	19.59	19.72	19.51	21.00
1.4	64QAM	6	0	19.54	19.64	19.46	21.00
1.4	256QAM	1	0	18.70	18.81	18.70	20.10
1.4	256QAM	1	3	18.76	18.82	18.88	20.10
1.4	256QAM	1	5	18.74	18.86	18.62	20.10
1.4	256QAM	3	0	18.78	18.76	18.64	20.10
1.4	256QAM	3	1	18.82	18.77	18.70	20.10
1.4	256QAM	3	3	18.65	18.73	18.81	20.10
1.4	256QAM	6	0	18.79	18.82	18.72	20.10

【LTE Band 30_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					27710		
Frequency (MHz)					2310		
10	QPSK	1	0		21.88		23.00
10	QPSK	1	25		21.87		23.00
10	QPSK	1	49		21.83		23.00
10	QPSK	25	0		21.87		23.00
10	QPSK	25	12		21.80		23.00
10	QPSK	25	25		21.86		23.00
10	QPSK	50	0		21.83		23.00
10	16QAM	1	0		21.87		23.00
10	16QAM	1	25		21.82		23.00
10	16QAM	1	49		21.86		23.00
10	16QAM	25	0		21.85		23.00
10	16QAM	25	12		21.88		23.00
10	16QAM	25	25		21.85		23.00
10	16QAM	50	0		21.85		23.00
10	64QAM	1	0		21.88		23.00
10	64QAM	1	25		21.86		23.00
10	64QAM	1	49		21.83		23.00
10	64QAM	25	0		21.87		23.00
10	64QAM	25	12		21.82		23.00
10	64QAM	25	25		21.80		23.00
10	64QAM	50	0		21.85		23.00
10	256QAM	1	0		19.47		20.50
10	256QAM	1	25		19.42		20.50
10	256QAM	1	49		19.38		20.50
10	256QAM	25	0		19.46		20.50
10	256QAM	25	12		19.43		20.50
10	256QAM	25	25		19.42		20.50
10	256QAM	50	0		19.47		20.50
Channel				27685	27710	27735	Tune-up limit
Frequency (MHz)				2307.5	2310	2312.5	(dBm)
5	QPSK	1	0	21.83	21.82	21.81	23.00
5	QPSK	1	12	21.81	21.75	21.73	23.00
5	QPSK	1	24	21.69	21.80	21.78	23.00
5	QPSK	12	0	21.69	21.68	21.73	23.00
5	QPSK	12	7	21.79	21.74	21.75	23.00
5	QPSK	12	13	21.78	21.71	21.83	23.00
5	QPSK	25	0	21.70	21.71	21.71	23.00
5	16QAM	1	0	21.73	21.84	21.73	23.00
5	16QAM	1	12	21.78	21.76	21.67	23.00
5	16QAM	1	24	21.76	21.73	21.80	23.00
5	16QAM	12	0	21.76	21.73	21.75	23.00
5	16QAM	12	7	21.80	21.84	21.82	23.00
5	16QAM	12	13	21.70	21.74	21.78	23.00
5	16QAM	25	0	21.75	21.76	21.80	23.00
5	64QAM	1	0	21.82	21.74	21.81	23.00
5	64QAM	1	12	21.73	21.76	21.82	23.00
5	64QAM	1	24	21.72	21.78	21.79	23.00
5	64QAM	12	0	21.79	21.79	21.76	23.00
5	64QAM	12	7	21.70	21.77	21.75	23.00
5	64QAM	12	13	21.66	21.72	21.66	23.00
5	64QAM	25	0	21.74	21.77	21.75	23.00
5	256QAM	1	0	19.39	19.34	19.42	20.50
5	256QAM	1	12	19.33	19.29	19.29	20.50
5	256QAM	1	24	19.34	19.29	19.32	20.50
5	256QAM	12	0	19.32	19.39	19.41	20.50
5	256QAM	12	7	19.35	19.31	19.29	20.50

5	256QAM	12	13	19.29	19.38	19.37	20.50
5	256QAM	25	0	19.39	19.43	19.37	20.50

【LTE Band 30_Ant 5_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					27710		
Frequency (MHz)					2310		
10	QPSK	1	0		21.88		23.00
10	QPSK	1	25		21.87		23.00
10	QPSK	1	49		21.83		23.00
10	QPSK	25	0		21.87		23.00
10	QPSK	25	12		21.80		23.00
10	QPSK	25	25		21.86		23.00
10	QPSK	50	0		21.83		23.00
10	16QAM	1	0		21.87		23.00
10	16QAM	1	25		21.82		23.00
10	16QAM	1	49		21.86		23.00
10	16QAM	25	0		21.85		23.00
10	16QAM	25	12		21.88		23.00
10	16QAM	25	25		21.85		23.00
10	16QAM	50	0		21.85		23.00
10	64QAM	1	0		21.88		23.00
10	64QAM	1	25		21.86		23.00
10	64QAM	1	49		21.83		23.00
10	64QAM	25	0		21.87		23.00
10	64QAM	25	12		21.82		23.00
10	64QAM	25	25		21.80		23.00
10	64QAM	50	0		21.85		23.00
10	256QAM	1	0		19.47		20.50
10	256QAM	1	25		19.42		20.50
10	256QAM	1	49		19.38		20.50
10	256QAM	25	0		19.46		20.50
10	256QAM	25	12		19.43		20.50
10	256QAM	25	25		19.42		20.50
10	256QAM	50	0		19.47		20.50
Channel				27685	27710	27735	Tune-up limit
Frequency (MHz)				2307.5	2310	2312.5	(dBm)
5	QPSK	1	0	21.83	21.82	21.81	23.00
5	QPSK	1	12	21.81	21.75	21.73	23.00
5	QPSK	1	24	21.69	21.80	21.78	23.00
5	QPSK	12	0	21.69	21.68	21.73	23.00
5	QPSK	12	7	21.79	21.74	21.75	23.00
5	QPSK	12	13	21.78	21.71	21.83	23.00
5	QPSK	25	0	21.70	21.71	21.71	23.00
5	16QAM	1	0	21.73	21.84	21.73	23.00
5	16QAM	1	12	21.78	21.76	21.67	23.00
5	16QAM	1	24	21.76	21.73	21.80	23.00
5	16QAM	12	0	21.76	21.73	21.75	23.00
5	16QAM	12	7	21.80	21.84	21.82	23.00
5	16QAM	12	13	21.70	21.74	21.78	23.00
5	16QAM	25	0	21.75	21.76	21.80	23.00
5	64QAM	1	0	21.82	21.74	21.81	23.00
5	64QAM	1	12	21.73	21.76	21.82	23.00
5	64QAM	1	24	21.72	21.78	21.79	23.00
5	64QAM	12	0	21.79	21.79	21.76	23.00
5	64QAM	12	7	21.70	21.77	21.75	23.00
5	64QAM	12	13	21.66	21.72	21.66	23.00
5	64QAM	25	0	21.74	21.77	21.75	23.00
5	256QAM	1	0	19.39	19.34	19.42	20.50
5	256QAM	1	12	19.33	19.29	19.29	20.50
5	256QAM	1	24	19.34	19.29	19.32	20.50
5	256QAM	12	0	19.32	19.39	19.41	20.50
5	256QAM	12	7	19.35	19.31	19.29	20.50
5	256QAM	12	13	19.29	19.38	19.37	20.50
5	256QAM	25	0	19.39	19.43	19.37	20.50

【LTE Band 30_Ant 5_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					27710		
Frequency (MHz)					2310		
10	QPSK	1	0		15.06		16.10
10	QPSK	1	25		14.81		16.10
10	QPSK	1	49		14.83		16.10
10	QPSK	25	0		14.94		16.10
10	QPSK	25	12		14.91		16.10
10	QPSK	25	25		14.94		16.10
10	QPSK	50	0		14.93		16.10
10	16QAM	1	0		14.95		16.10
10	16QAM	1	25		14.85		16.10
10	16QAM	1	49		14.88		16.10
10	16QAM	25	0		14.90		16.10
10	16QAM	25	12		14.81		16.10
10	16QAM	25	25		14.86		16.10
10	16QAM	50	0		14.84		16.10
10	64QAM	1	0		14.86		16.10
10	64QAM	1	25		14.87		16.10
10	64QAM	1	49		14.97		16.10
10	64QAM	25	0		14.92		16.10
10	64QAM	25	12		14.94		16.10
10	64QAM	25	25		14.86		16.10
10	64QAM	50	0		14.92		16.10
10	256QAM	1	0		14.85		16.10
10	256QAM	1	25		14.87		16.10
10	256QAM	1	49		14.82		16.10
10	256QAM	25	0		14.83		16.10
10	256QAM	25	12		14.87		16.10
10	256QAM	25	25		14.94		16.10
10	256QAM	50	0		14.81		16.10
Channel				27685	27710	27735	Tune-up limit
Frequency (MHz)				2307.5	2310	2312.5	(dBm)
5	QPSK	1	0	14.88	14.90	14.93	16.10
5	QPSK	1	12	14.77	14.80	14.73	16.10
5	QPSK	1	24	14.74	14.76	14.77	16.10
5	QPSK	12	0	14.86	14.80	14.87	16.10
5	QPSK	12	7	14.79	14.81	14.83	16.10
5	QPSK	12	13	14.85	14.80	14.75	16.10
5	QPSK	25	0	14.85	14.78	14.83	16.10
5	16QAM	1	0	14.83	14.80	14.78	16.10
5	16QAM	1	12	14.78	14.82	14.76	16.10
5	16QAM	1	24	14.84	14.85	14.89	16.10
5	16QAM	12	0	14.88	14.85	14.83	16.10
5	16QAM	12	7	14.75	14.78	14.70	16.10
5	16QAM	12	13	14.75	14.80	14.71	16.10
5	16QAM	25	0	14.83	14.82	14.82	16.10
5	64QAM	1	0	14.84	14.79	14.74	16.10
5	64QAM	1	12	14.71	14.70	14.68	16.10
5	64QAM	1	24	14.86	14.87	14.83	16.10
5	64QAM	12	0	14.77	14.82	14.78	16.10
5	64QAM	12	7	14.86	14.81	14.82	16.10
5	64QAM	12	13	14.83	14.87	14.87	16.10
5	64QAM	25	0	14.86	14.78	14.85	16.10
5	256QAM	1	0	14.79	14.82	14.76	16.10
5	256QAM	1	12	14.69	14.78	14.75	16.10
5	256QAM	1	24	14.75	14.71	14.72	16.10
5	256QAM	12	0	14.71	14.78	14.67	16.10
5	256QAM	12	7	14.73	14.82	14.80	16.10
5	256QAM	12	13	14.82	14.76	14.81	16.10
5	256QAM	25	0	14.74	14.68	14.76	16.10

【LTE Band 30_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					27710		
Frequency (MHz)					2310		
10	QPSK	1	0		21.97		23.00
10	QPSK	1	25		21.94		23.00
10	QPSK	1	49		21.69		23.00
10	QPSK	25	0		20.86		22.00
10	QPSK	25	12		20.85		22.00
10	QPSK	25	25		20.81		22.00
10	QPSK	50	0		20.79		22.00
10	16QAM	1	0		20.99		22.00
10	16QAM	1	25		21.23		22.00
10	16QAM	1	49		20.99		22.00
10	16QAM	25	0		19.84		21.00
10	16QAM	25	12		19.89		21.00
10	16QAM	25	25		19.78		21.00
10	16QAM	50	0		19.85		21.00
10	64QAM	1	0		20.11		21.00
10	64QAM	1	25		20.13		21.00
10	64QAM	1	49		20.02		21.00
10	64QAM	25	0		18.85		20.00
10	64QAM	25	12		18.86		20.00
10	64QAM	25	25		18.79		20.00
10	64QAM	50	0		18.89		20.00
10	256QAM	1	0		18.55		19.50
10	256QAM	1	25		18.77		19.50
10	256QAM	1	49		18.54		19.50
10	256QAM	25	0		18.65		19.50
10	256QAM	25	12		18.57		19.50
10	256QAM	25	25		18.61		19.50
10	256QAM	50	0		18.60		19.50
Channel				27685	27710	27735	Tune-up limit
Frequency (MHz)				2307.5	2310	2312.5	(dBm)
5	QPSK	1	0	21.85	21.82	21.92	23.00
5	QPSK	1	12	21.85	21.83	21.80	23.00
5	QPSK	1	24	21.56	21.59	21.58	23.00
5	QPSK	12	0	20.67	20.70	20.71	22.00
5	QPSK	12	7	20.73	20.80	20.75	22.00
5	QPSK	12	13	20.73	20.78	20.73	22.00
5	QPSK	25	0	20.67	20.74	20.76	22.00
5	16QAM	1	0	20.88	20.93	20.91	22.00
5	16QAM	1	12	21.08	21.14	21.13	22.00
5	16QAM	1	24	20.92	20.88	20.85	22.00
5	16QAM	12	0	19.80	19.79	19.73	21.00
5	16QAM	12	7	19.80	19.79	19.84	21.00
5	16QAM	12	13	19.64	19.74	19.74	21.00
5	16QAM	25	0	19.78	19.76	19.78	21.00
5	64QAM	1	0	20.04	20.08	20.05	21.00
5	64QAM	1	12	20.08	20.00	20.06	21.00
5	64QAM	1	24	19.97	19.90	19.89	21.00
5	64QAM	12	0	18.81	18.72	18.73	20.00
5	64QAM	12	7	18.78	18.75	18.77	20.00
5	64QAM	12	13	18.70	18.73	18.69	20.00
5	64QAM	25	0	18.77	18.81	18.77	20.00
5	256QAM	1	0	18.47	18.50	18.52	19.50
5	256QAM	1	12	18.68	18.71	18.72	19.50
5	256QAM	1	24	18.43	18.50	18.40	19.50
5	256QAM	12	0	18.55	18.59	18.59	19.50
5	256QAM	12	7	18.50	18.52	18.47	19.50
5	256QAM	12	13	18.55	18.49	18.48	19.50
5	256QAM	25	0	18.46	18.56	18.47	19.50

【LTE Band 30_Ant 8_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					27710		
Frequency (MHz)					2310		
10	QPSK	1	0		21.97		23.00
10	QPSK	1	25		21.94		23.00
10	QPSK	1	49		21.69		23.00
10	QPSK	25	0		20.86		22.00
10	QPSK	25	12		20.85		22.00
10	QPSK	25	25		20.81		22.00
10	QPSK	50	0		20.79		22.00
10	16QAM	1	0		20.99		22.00
10	16QAM	1	25		21.23		22.00
10	16QAM	1	49		20.99		22.00
10	16QAM	25	0		19.84		21.00
10	16QAM	25	12		19.89		21.00
10	16QAM	25	25		19.78		21.00
10	16QAM	50	0		19.85		21.00
10	64QAM	1	0		20.11		21.00
10	64QAM	1	25		20.13		21.00
10	64QAM	1	49		20.02		21.00
10	64QAM	25	0		18.85		20.00
10	64QAM	25	12		18.86		20.00
10	64QAM	25	25		18.79		20.00
10	64QAM	50	0		18.89		20.00
10	256QAM	1	0		18.55		19.50
10	256QAM	1	25		18.77		19.50
10	256QAM	1	49		18.54		19.50
10	256QAM	25	0		18.65		19.50
10	256QAM	25	12		18.57		19.50
10	256QAM	25	25		18.61		19.50
10	256QAM	50	0		18.60		19.50
Channel				27685	27710	27735	Tune-up limit
Frequency (MHz)				2307.5	2310	2312.5	(dBm)
5	QPSK	1	0	21.85	21.82	21.92	23.00
5	QPSK	1	12	21.85	21.83	21.80	23.00
5	QPSK	1	24	21.56	21.59	21.58	23.00
5	QPSK	12	0	20.67	20.70	20.71	22.00
5	QPSK	12	7	20.73	20.80	20.75	22.00
5	QPSK	12	13	20.73	20.78	20.73	22.00
5	QPSK	25	0	20.67	20.74	20.76	22.00
5	16QAM	1	0	20.88	20.93	20.91	22.00
5	16QAM	1	12	21.08	21.14	21.13	22.00
5	16QAM	1	24	20.92	20.88	20.85	22.00
5	16QAM	12	0	19.80	19.79	19.73	21.00
5	16QAM	12	7	19.80	19.79	19.84	21.00
5	16QAM	12	13	19.64	19.74	19.74	21.00
5	16QAM	25	0	19.78	19.76	19.78	21.00
5	64QAM	1	0	20.04	20.08	20.05	21.00
5	64QAM	1	12	20.08	20.00	20.06	21.00
5	64QAM	1	24	19.97	19.90	19.89	21.00
5	64QAM	12	0	18.81	18.72	18.73	20.00
5	64QAM	12	7	18.78	18.75	18.77	20.00
5	64QAM	12	13	18.70	18.73	18.69	20.00
5	64QAM	25	0	18.77	18.81	18.77	20.00
5	256QAM	1	0	18.47	18.50	18.52	19.50
5	256QAM	1	12	18.68	18.71	18.72	19.50
5	256QAM	1	24	18.43	18.50	18.40	19.50
5	256QAM	12	0	18.55	18.59	18.59	19.50
5	256QAM	12	7	18.50	18.52	18.47	19.50
5	256QAM	12	13	18.55	18.49	18.48	19.50
5	256QAM	25	0	18.46	18.56	18.47	19.50

【LTE Band 30_Ant 8_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					27710		
Frequency (MHz)					2310		
10	QPSK	1	0		13.51		14.40
10	QPSK	1	25		13.48		14.40
10	QPSK	1	49		13.41		14.40
10	QPSK	25	0		13.50		14.40
10	QPSK	25	12		13.42		14.40
10	QPSK	25	25		13.44		14.40
10	QPSK	50	0		13.45		14.40
10	16QAM	1	0		13.49		14.40
10	16QAM	1	25		13.49		14.40
10	16QAM	1	49		13.48		14.40
10	16QAM	25	0		13.42		14.40
10	16QAM	25	12		13.46		14.40
10	16QAM	25	25		13.43		14.40
10	16QAM	50	0		13.45		14.40
10	64QAM	1	0		13.51		14.40
10	64QAM	1	25		13.43		14.40
10	64QAM	1	49		13.50		14.40
10	64QAM	25	0		13.50		14.40
10	64QAM	25	12		13.52		14.40
10	64QAM	25	25		13.44		14.40
10	64QAM	50	0		13.48		14.40
10	256QAM	1	0		13.42		14.40
10	256QAM	1	25		13.42		14.40
10	256QAM	1	49		13.47		14.40
10	256QAM	25	0		13.46		14.40
10	256QAM	25	12		13.49		14.40
10	256QAM	25	25		13.43		14.40
10	256QAM	50	0		13.48		14.40
Channel				27685	27710	27735	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	0	13.28	13.44	13.34	14.40
5	QPSK	1	12	13.33	13.39	13.39	14.40
5	QPSK	1	24	13.37	13.43	13.30	14.40
5	QPSK	12	0	13.36	13.43	13.37	14.40
5	QPSK	12	7	13.32	13.42	13.33	14.40
5	QPSK	12	13	13.31	13.38	13.34	14.40
5	QPSK	25	0	13.36	13.43	13.34	14.40
5	16QAM	1	0	13.29	13.36	13.30	14.40
5	16QAM	1	12	13.31	13.41	13.38	14.40
5	16QAM	1	24	13.29	13.44	13.33	14.40
5	16QAM	12	0	13.33	13.44	13.32	14.40
5	16QAM	12	7	13.28	13.46	13.35	14.40
5	16QAM	12	13	13.38	13.44	13.37	14.40
5	16QAM	25	0	13.32	13.39	13.30	14.40
5	64QAM	1	0	13.34	13.47	13.36	14.40
5	64QAM	1	12	13.37	13.40	13.35	14.40
5	64QAM	1	24	13.37	13.36	13.36	14.40
5	64QAM	12	0	13.37	13.43	13.38	14.40
5	64QAM	12	7	13.31	13.47	13.36	14.40
5	64QAM	12	13	13.38	13.42	13.37	14.40
5	64QAM	25	0	13.31	13.46	13.37	14.40
5	256QAM	1	0	13.36	13.36	13.31	14.40
5	256QAM	1	12	13.36	13.37	13.37	14.40
5	256QAM	1	24	13.27	13.38	13.29	14.40
5	256QAM	12	0	13.31	13.41	13.39	14.40
5	256QAM	12	7	13.36	13.38	13.40	14.40
5	256QAM	12	13	13.32	13.44	13.37	14.40
5	256QAM	25	0	13.28	13.44	13.34	14.40

【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	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	23.83	23.79	23.74	25.10
20	QPSK	1	49	23.79	23.65	23.66	25.10
20	QPSK	1	99	23.71	23.72	23.65	25.10
20	QPSK	50	0	22.82	22.86	22.79	24.10
20	QPSK	50	24	22.83	22.81	22.77	24.10
20	QPSK	50	50	22.79	22.78	22.77	24.10
20	QPSK	100	0	22.78	22.83	22.78	24.10
20	16QAM	1	0	22.89	22.84	22.80	24.10
20	16QAM	1	49	22.85	22.82	22.77	24.10
20	16QAM	1	99	22.86	22.80	22.74	24.10
20	16QAM	50	0	21.84	21.79	21.70	23.10
20	16QAM	50	24	21.88	21.76	21.74	23.10
20	16QAM	50	50	21.85	21.79	21.70	23.10
20	16QAM	100	0	21.87	21.84	21.78	23.10
20	64QAM	1	0	21.81	21.83	21.81	23.10
20	64QAM	1	49	21.88	21.81	21.77	23.10
20	64QAM	1	99	21.85	21.84	21.77	23.10
20	64QAM	50	0	20.82	20.84	20.71	22.10
20	64QAM	50	24	20.88	20.80	20.77	22.10
20	64QAM	50	50	20.79	20.84	20.71	22.10
20	64QAM	100	0	20.80	20.80	20.74	22.10
20	256QAM	1	0	18.79	18.77	18.80	20.10
20	256QAM	1	49	18.86	18.85	18.70	20.10
20	256QAM	1	99	18.88	18.80	18.77	20.10
20	256QAM	50	0	18.78	18.84	18.80	20.10
20	256QAM	50	24	18.80	18.77	18.73	20.10
20	256QAM	50	50	18.86	18.84	18.80	20.10
20	256QAM	100	0	18.79	18.78	18.75	20.10
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	23.70	23.65	23.66	25.10
15	QPSK	1	37	23.72	23.57	23.62	25.10
15	QPSK	1	74	23.56	23.71	23.59	25.10
15	QPSK	36	0	22.88	22.65	22.72	24.10
15	QPSK	36	20	22.79	22.73	22.75	24.10
15	QPSK	36	39	22.77	22.66	22.76	24.10
15	QPSK	75	0	22.73	22.78	22.77	24.10
15	16QAM	1	0	22.77	22.75	22.79	24.10
15	16QAM	1	37	22.81	22.73	22.76	24.10
15	16QAM	1	74	22.73	22.70	22.65	24.10
15	16QAM	36	0	21.69	21.74	21.56	23.10
15	16QAM	36	20	21.79	21.61	21.68	23.10
15	16QAM	36	39	21.73	21.67	21.62	23.10
15	16QAM	75	0	21.78	21.75	21.68	23.10
15	64QAM	1	0	21.77	21.68	21.79	23.10
15	64QAM	1	37	21.74	21.66	21.67	23.10
15	64QAM	1	74	21.79	21.70	21.69	23.10
15	64QAM	36	0	20.75	20.77	20.70	22.10
15	64QAM	36	20	20.75	20.66	20.66	22.10
15	64QAM	36	39	20.75	20.77	20.63	22.10
15	64QAM	75	0	20.72	20.70	20.73	22.10
15	256QAM	1	0	18.74	18.76	18.73	20.10
15	256QAM	1	37	18.79	18.79	18.59	20.10
15	256QAM	1	74	18.82	18.71	18.68	20.10
15	256QAM	36	0	18.72	18.77	18.78	20.10
15	256QAM	36	20	18.68	18.73	18.59	20.10
15	256QAM	36	39	18.78	18.78	18.78	20.10
15	256QAM	75	0	18.70	18.66	18.65	20.10
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	23.77	23.78	23.62	25.10
10	QPSK	1	25	23.74	23.63	23.55	25.10
10	QPSK	1	49	23.56	23.68	23.50	25.10
10	QPSK	25	0	22.86	22.77	22.66	24.10
10	QPSK	25	12	22.78	22.78	22.75	24.10
10	QPSK	25	25	22.71	22.65	22.62	24.10
10	QPSK	50	0	22.74	22.75	22.65	24.10
10	16QAM	1	0	22.87	22.82	22.67	24.10
10	16QAM	1	25	22.84	22.79	22.68	24.10
10	16QAM	1	49	22.79	22.71	22.70	24.10
10	16QAM	25	0	21.71	21.76	21.67	23.10

10	16QAM	25	12	21.76	21.63	21.72	23.10
10	16QAM	25	25	21.82	21.66	21.64	23.10
10	16QAM	50	0	21.82	21.81	21.67	23.10
10	64QAM	1	0	21.72	21.80	21.77	23.10
10	64QAM	1	25	21.83	21.78	21.72	23.10
10	64QAM	1	49	21.74	21.77	21.72	23.10
10	64QAM	25	0	20.71	20.77	20.62	22.10
10	64QAM	25	12	20.81	20.74	20.74	22.10
10	64QAM	25	25	20.72	20.77	20.66	22.10
10	64QAM	50	0	20.68	20.77	20.64	22.10
10	256QAM	1	0	18.70	18.63	18.76	20.10
10	256QAM	1	25	18.76	18.75	18.59	20.10
10	256QAM	1	49	18.85	18.78	18.70	20.10
10	256QAM	25	0	18.76	18.77	18.70	20.10
10	256QAM	25	12	18.69	18.70	18.59	20.10
10	256QAM	25	25	18.78	18.77	18.76	20.10
10	256QAM	50	0	18.70	18.76	18.72	20.10
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	23.78	23.78	23.65	25.10
5	QPSK	1	12	23.70	23.62	23.56	25.10
5	QPSK	1	24	23.66	23.66	23.63	25.10
5	QPSK	12	0	22.81	22.69	22.68	24.10
5	QPSK	12	7	22.77	22.77	22.72	24.10
5	QPSK	12	13	22.65	22.72	22.70	24.10
5	QPSK	25	0	22.68	22.81	22.67	24.10
5	16QAM	1	0	22.78	22.77	22.72	24.10
5	16QAM	1	12	22.83	22.76	22.67	24.10
5	16QAM	1	24	22.81	22.66	22.65	24.10
5	16QAM	12	0	21.76	21.76	21.67	23.10
5	16QAM	12	7	21.82	21.73	21.66	23.10
5	16QAM	12	13	21.79	21.70	21.60	23.10
5	16QAM	25	0	21.81	21.72	21.68	23.10
5	64QAM	1	0	21.76	21.80	21.68	23.10
5	64QAM	1	12	21.80	21.76	21.67	23.10
5	64QAM	1	24	21.72	21.72	21.65	23.10
5	64QAM	12	0	20.71	20.78	20.59	22.10
5	64QAM	12	7	20.81	20.71	20.74	22.10
5	64QAM	12	13	20.69	20.80	20.57	22.10
5	64QAM	25	0	20.69	20.71	20.68	22.10
5	256QAM	1	0	18.74	18.65	18.71	20.10
5	256QAM	1	12	18.76	18.82	18.57	20.10
5	256QAM	1	24	18.75	18.77	18.65	20.10
5	256QAM	12	0	18.66	18.81	18.71	20.10
5	256QAM	12	7	18.72	18.70	18.66	20.10
5	256QAM	12	13	18.83	18.73	18.75	20.10
5	256QAM	25	0	18.77	18.73	18.69	20.10

【LTE Band 38_Ant 5_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	23.83	23.79	23.74	25.10
20	QPSK	1	49	23.79	23.65	23.66	25.10
20	QPSK	1	99	23.71	23.72	23.65	25.10
20	QPSK	50	0	22.82	22.86	22.79	24.10
20	QPSK	50	24	22.83	22.81	22.77	24.10
20	QPSK	50	50	22.79	22.78	22.77	24.10
20	QPSK	100	0	22.78	22.83	22.78	24.10
20	16QAM	1	0	22.89	22.84	22.80	24.10
20	16QAM	1	49	22.85	22.82	22.77	24.10
20	16QAM	1	99	22.86	22.80	22.74	24.10
20	16QAM	50	0	21.84	21.79	21.70	23.10
20	16QAM	50	24	21.88	21.76	21.74	23.10
20	16QAM	50	50	21.85	21.79	21.70	23.10
20	16QAM	100	0	21.87	21.84	21.78	23.10
20	64QAM	1	0	21.81	21.83	21.81	23.10
20	64QAM	1	49	21.88	21.81	21.77	23.10
20	64QAM	1	99	21.85	21.84	21.77	23.10
20	64QAM	50	0	20.82	20.84	20.71	22.10
20	64QAM	50	24	20.88	20.80	20.77	22.10

20	64QAM	50	50	20.79	20.84	20.71	22.10
20	64QAM	100	0	20.80	20.80	20.74	22.10
20	256QAM	1	0	18.79	18.77	18.80	20.10
20	256QAM	1	49	18.86	18.85	18.70	20.10
20	256QAM	1	99	18.88	18.80	18.77	20.10
20	256QAM	50	0	18.78	18.84	18.80	20.10
20	256QAM	50	24	18.80	18.77	18.73	20.10
20	256QAM	50	50	18.86	18.84	18.80	20.10
20	256QAM	100	0	18.79	18.78	18.75	20.10
Channel				37825	38000	38175	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	QPSK	1	0	23.70	23.65	23.66	25.10
15	QPSK	1	37	23.72	23.57	23.62	25.10
15	QPSK	1	74	23.56	23.71	23.59	25.10
15	QPSK	36	0	22.88	22.65	22.72	24.10
15	QPSK	36	20	22.79	22.73	22.75	24.10
15	QPSK	36	39	22.77	22.66	22.76	24.10
15	QPSK	75	0	22.73	22.78	22.77	24.10
15	16QAM	1	0	22.77	22.75	22.79	24.10
15	16QAM	1	37	22.81	22.73	22.76	24.10
15	16QAM	1	74	22.73	22.70	22.65	24.10
15	16QAM	36	0	21.69	21.74	21.56	23.10
15	16QAM	36	20	21.79	21.61	21.68	23.10
15	16QAM	36	39	21.73	21.67	21.62	23.10
15	16QAM	75	0	21.78	21.75	21.68	23.10
15	64QAM	1	0	21.77	21.68	21.79	23.10
15	64QAM	1	37	21.74	21.66	21.67	23.10
15	64QAM	1	74	21.79	21.70	21.69	23.10
15	64QAM	36	0	20.75	20.77	20.70	22.10
15	64QAM	36	20	20.75	20.66	20.66	22.10
15	64QAM	36	39	20.75	20.77	20.63	22.10
15	64QAM	75	0	20.72	20.70	20.73	22.10
15	256QAM	1	0	18.74	18.76	18.73	20.10
15	256QAM	1	37	18.79	18.79	18.59	20.10
15	256QAM	1	74	18.82	18.71	18.68	20.10
15	256QAM	36	0	18.72	18.77	18.78	20.10
15	256QAM	36	20	18.68	18.73	18.59	20.10
15	256QAM	36	39	18.78	18.78	18.78	20.10
15	256QAM	75	0	18.70	18.66	18.65	20.10
Channel				37800	38000	38200	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	QPSK	1	0	23.77	23.78	23.62	25.10
10	QPSK	1	25	23.74	23.63	23.55	25.10
10	QPSK	1	49	23.56	23.68	23.50	25.10
10	QPSK	25	0	22.86	22.77	22.66	24.10
10	QPSK	25	12	22.78	22.78	22.75	24.10
10	QPSK	25	25	22.71	22.65	22.62	24.10
10	QPSK	50	0	22.74	22.75	22.65	24.10
10	16QAM	1	0	22.87	22.82	22.67	24.10
10	16QAM	1	25	22.84	22.79	22.68	24.10
10	16QAM	1	49	22.79	22.71	22.70	24.10
10	16QAM	25	0	21.71	21.76	21.67	23.10
10	16QAM	25	12	21.76	21.63	21.72	23.10
10	16QAM	25	25	21.82	21.66	21.64	23.10
10	16QAM	50	0	21.82	21.81	21.67	23.10
10	64QAM	1	0	21.72	21.80	21.77	23.10
10	64QAM	1	25	21.83	21.78	21.72	23.10
10	64QAM	1	49	21.74	21.77	21.72	23.10
10	64QAM	25	0	20.71	20.77	20.62	22.10
10	64QAM	25	12	20.81	20.74	20.74	22.10
10	64QAM	25	25	20.72	20.77	20.66	22.10
10	64QAM	50	0	20.68	20.77	20.64	22.10
10	256QAM	1	0	18.70	18.63	18.76	20.10
10	256QAM	1	25	18.76	18.75	18.59	20.10
10	256QAM	1	49	18.85	18.78	18.70	20.10
10	256QAM	25	0	18.76	18.77	18.70	20.10
10	256QAM	25	12	18.69	18.70	18.59	20.10
10	256QAM	25	25	18.78	18.77	18.76	20.10
10	256QAM	50	0	18.70	18.76	18.72	20.10
Channel				37775	38000	38225	Tune-up limit
Frequency (MHz)				2572.5	2595	2617.5	(dBm)
5	QPSK	1	0	23.78	23.78	23.65	25.10
5	QPSK	1	12	23.70	23.62	23.56	25.10
5	QPSK	1	24	23.66	23.66	23.63	25.10
5	QPSK	12	0	22.81	22.69	22.68	24.10
5	QPSK	12	7	22.77	22.77	22.72	24.10
5	QPSK	12	13	22.65	22.72	22.70	24.10
5	QPSK	25	0	22.68	22.81	22.67	24.10

5	16QAM	1	0	22.78	22.77	22.72	24.10
5	16QAM	1	12	22.83	22.76	22.67	24.10
5	16QAM	1	24	22.81	22.66	22.65	24.10
5	16QAM	12	0	21.76	21.76	21.67	23.10
5	16QAM	12	7	21.82	21.73	21.66	23.10
5	16QAM	12	13	21.79	21.70	21.60	23.10
5	16QAM	25	0	21.81	21.72	21.68	23.10
5	64QAM	1	0	21.76	21.80	21.68	23.10
5	64QAM	1	12	21.80	21.76	21.67	23.10
5	64QAM	1	24	21.72	21.72	21.65	23.10
5	64QAM	12	0	20.71	20.78	20.59	22.10
5	64QAM	12	7	20.81	20.71	20.74	22.10
5	64QAM	12	13	20.69	20.80	20.57	22.10
5	64QAM	25	0	20.69	20.71	20.68	22.10
5	256QAM	1	0	18.74	18.65	18.71	20.10
5	256QAM	1	12	18.76	18.82	18.57	20.10
5	256QAM	1	24	18.75	18.77	18.65	20.10
5	256QAM	12	0	18.66	18.81	18.71	20.10
5	256QAM	12	7	18.72	18.70	18.66	20.10
5	256QAM	12	13	18.83	18.73	18.75	20.10
5	256QAM	25	0	18.77	18.73	18.69	20.10

【LTE Band 38_Ant 5_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	13.70	13.81	13.68	15.40
20	QPSK	1	49	13.82	13.70	13.59	15.40
20	QPSK	1	99	13.70	13.73	13.70	15.40
20	QPSK	50	0	13.71	13.80	13.61	15.40
20	QPSK	50	24	13.77	13.65	13.63	15.40
20	QPSK	50	50	13.79	13.70	13.69	15.40
20	QPSK	100	0	13.74	13.75	13.63	15.40
20	16QAM	1	0	13.75	13.67	13.68	15.40
20	16QAM	1	49	13.70	13.70	13.62	15.40
20	16QAM	1	99	13.74	13.65	13.68	15.40
20	16QAM	50	0	13.72	13.71	13.66	15.40
20	16QAM	50	24	13.79	13.66	13.69	15.40
20	16QAM	50	50	13.73	13.72	13.64	15.40
20	16QAM	100	0	13.75	13.67	13.66	15.40
20	64QAM	1	0	13.76	13.76	13.72	15.40
20	64QAM	1	49	13.72	13.70	13.66	15.40
20	64QAM	1	99	13.72	13.68	13.71	15.40
20	64QAM	50	0	13.74	13.78	13.71	15.40
20	64QAM	50	24	13.74	13.75	13.67	15.40
20	64QAM	50	50	13.82	13.78	13.60	15.40
20	64QAM	100	0	13.77	13.71	13.65	15.40
20	256QAM	1	0	13.81	13.73	13.69	15.40
20	256QAM	1	49	13.73	13.65	13.60	15.40
20	256QAM	1	99	13.73	13.74	13.66	15.40
20	256QAM	50	0	13.69	13.70	13.71	15.40
20	256QAM	50	24	13.70	13.75	13.72	15.40
20	256QAM	50	50	13.77	13.76	13.63	15.40
20	256QAM	100	0	13.73	13.75	13.71	15.40
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	13.67	13.65	13.64	15.40
15	QPSK	1	37	13.78	13.67	13.55	15.40
15	QPSK	1	74	13.58	13.71	13.56	15.40
15	QPSK	36	0	13.57	13.57	13.57	15.40
15	QPSK	36	20	13.71	13.58	13.51	15.40
15	QPSK	36	39	13.76	13.73	13.60	15.40
15	QPSK	75	0	13.71	13.55	13.54	15.40
15	16QAM	1	0	13.61	13.57	13.54	15.40
15	16QAM	1	37	13.57	13.69	13.51	15.40
15	16QAM	1	74	13.63	13.62	13.56	15.40
15	16QAM	36	0	13.69	13.57	13.57	15.40
15	16QAM	36	20	13.72	13.55	13.65	15.40
15	16QAM	36	39	13.59	13.62	13.61	15.40
15	16QAM	75	0	13.71	13.65	13.54	15.40
15	64QAM	1	0	13.69	13.61	13.57	15.40

15	64QAM	1	37	13.58	13.64	13.58	15.40
15	64QAM	1	74	13.58	13.59	13.58	15.40
15	64QAM	36	0	13.70	13.72	13.63	15.40
15	64QAM	36	20	13.68	13.68	13.54	15.40
15	64QAM	36	39	13.80	13.68	13.54	15.40
15	64QAM	75	0	13.66	13.64	13.53	15.40
15	256QAM	1	0	13.76	13.70	13.63	15.40
15	256QAM	1	37	13.72	13.60	13.47	15.40
15	256QAM	1	74	13.64	13.62	13.59	15.40
15	256QAM	36	0	13.62	13.66	13.69	15.40
15	256QAM	36	20	13.56	13.61	13.59	15.40
15	256QAM	36	39	13.73	13.65	13.54	15.40
15	256QAM	75	0	13.68	13.72	13.58	15.40
Channel				37800	38000	38200	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	QPSK	1	0	13.58	13.75	13.56	15.40
10	QPSK	1	25	13.71	13.69	13.57	15.40
10	QPSK	1	49	13.56	13.65	13.67	15.40
10	QPSK	25	0	13.65	13.60	13.48	15.40
10	QPSK	25	12	13.76	13.56	13.53	15.40
10	QPSK	25	25	13.76	13.66	13.67	15.40
10	QPSK	50	0	13.65	13.61	13.60	15.40
10	16QAM	1	0	13.65	13.52	13.66	15.40
10	16QAM	1	25	13.64	13.57	13.61	15.40
10	16QAM	1	49	13.65	13.54	13.65	15.40
10	16QAM	25	0	13.71	13.59	13.58	15.40
10	16QAM	25	12	13.79	13.63	13.60	15.40
10	16QAM	25	25	13.71	13.61	13.60	15.40
10	16QAM	50	0	13.73	13.56	13.62	15.40
10	64QAM	1	0	13.74	13.62	13.69	15.40
10	64QAM	1	25	13.62	13.69	13.54	15.40
10	64QAM	1	49	13.59	13.66	13.56	15.40
10	64QAM	25	0	13.80	13.70	13.60	15.40
10	64QAM	25	12	13.60	13.62	13.62	15.40
10	64QAM	25	25	13.71	13.68	13.56	15.40
10	64QAM	50	0	13.63	13.57	13.58	15.40
10	256QAM	1	0	13.74	13.65	13.55	15.40
10	256QAM	1	25	13.63	13.61	13.53	15.40
10	256QAM	1	49	13.63	13.61	13.58	15.40
10	256QAM	25	0	13.59	13.60	13.56	15.40
10	256QAM	25	12	13.62	13.72	13.66	15.40
10	256QAM	25	25	13.75	13.67	13.50	15.40
10	256QAM	50	0	13.70	13.71	13.70	15.40
Channel				37775	38000	38225	Tune-up limit
Frequency (MHz)				2572.5	2595	2617.5	(dBm)
5	QPSK	1	0	13.57	13.74	13.63	15.40
5	QPSK	1	12	13.69	13.64	13.52	15.40
5	QPSK	1	24	13.62	13.69	13.67	15.40
5	QPSK	12	0	13.58	13.64	13.47	15.40
5	QPSK	12	7	13.77	13.61	13.54	15.40
5	QPSK	12	13	13.76	13.71	13.60	15.40
5	QPSK	25	0	13.59	13.61	13.60	15.40
5	16QAM	1	0	13.64	13.62	13.63	15.40
5	16QAM	1	12	13.67	13.62	13.47	15.40
5	16QAM	1	24	13.69	13.63	13.54	15.40
5	16QAM	12	0	13.64	13.63	13.60	15.40
5	16QAM	12	7	13.72	13.61	13.62	15.40
5	16QAM	12	13	13.64	13.59	13.59	15.40
5	16QAM	25	0	13.72	13.64	13.58	15.40
5	64QAM	1	0	13.73	13.74	13.64	15.40
5	64QAM	1	12	13.66	13.62	13.52	15.40
5	64QAM	1	24	13.61	13.56	13.67	15.40
5	64QAM	12	0	13.69	13.65	13.67	15.40
5	64QAM	12	7	13.64	13.66	13.65	15.40
5	64QAM	12	13	13.68	13.76	13.46	15.40
5	64QAM	25	0	13.74	13.57	13.58	15.40
5	256QAM	1	0	13.79	13.61	13.55	15.40
5	256QAM	1	12	13.71	13.54	13.59	15.40
5	256QAM	1	24	13.60	13.68	13.54	15.40
5	256QAM	12	0	13.57	13.65	13.67	15.40
5	256QAM	12	7	13.66	13.71	13.67	15.40
5	256QAM	12	13	13.65	13.65	13.59	15.40
5	256QAM	25	0	13.67	13.67	13.64	15.40

【LTE Band 38_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				37850	38000	38150	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	24.23	24.26	24.22	25.10
20	QPSK	1	49	24.13	24.15	24.18	25.10
20	QPSK	1	99	24.05	24.16	24.08	25.10
20	QPSK	50	0	23.04	23.36	23.15	24.10
20	QPSK	50	24	23.18	23.23	23.19	24.10
20	QPSK	50	50	23.02	23.28	23.20	24.10
20	QPSK	100	0	23.01	23.30	23.27	24.10
20	16QAM	1	0	23.12	23.29	23.27	24.10
20	16QAM	1	49	23.02	23.29	23.19	24.10
20	16QAM	1	99	23.06	23.32	23.15	24.10
20	16QAM	50	0	22.11	22.39	22.20	23.10
20	16QAM	50	24	22.15	22.31	22.23	23.10
20	16QAM	50	50	22.16	22.29	22.25	23.10
20	16QAM	100	0	22.03	22.26	22.19	23.10
20	64QAM	1	0	22.11	22.22	22.29	23.10
20	64QAM	1	49	22.13	22.36	22.17	23.10
20	64QAM	1	99	22.09	22.30	22.22	23.10
20	64QAM	50	0	21.05	21.23	21.35	22.10
20	64QAM	50	24	21.19	21.27	21.19	22.10
20	64QAM	50	50	21.14	21.34	21.23	22.10
20	64QAM	100	0	21.15	21.26	21.25	22.10
20	256QAM	1	0	19.03	19.34	19.23	20.10
20	256QAM	1	49	19.08	19.29	19.23	20.10
20	256QAM	1	99	19.11	19.35	19.24	20.10
20	256QAM	50	0	19.08	19.35	19.16	20.10
20	256QAM	50	24	19.01	19.30	19.17	20.10
20	256QAM	50	50	19.05	19.18	19.15	20.10
20	256QAM	100	0	19.03	19.26	19.21	20.10
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	24.16	24.17	24.14	25.10
15	QPSK	1	37	24.08	24.08	24.07	25.10
15	QPSK	1	74	23.98	24.13	23.97	25.10
15	QPSK	36	0	22.92	23.32	23.07	24.10
15	QPSK	36	20	23.05	23.12	23.08	24.10
15	QPSK	36	39	22.97	23.15	23.14	24.10
15	QPSK	75	0	22.90	23.16	23.19	24.10
15	16QAM	1	0	23.07	23.19	23.22	24.10
15	16QAM	1	37	22.95	23.17	23.16	24.10
15	16QAM	1	74	23.02	23.30	23.01	24.10
15	16QAM	36	0	22.09	22.30	22.12	23.10
15	16QAM	36	20	22.12	22.28	22.12	23.10
15	16QAM	36	39	22.12	22.17	22.13	23.10
15	16QAM	75	0	21.93	22.22	22.06	23.10
15	64QAM	1	0	21.98	22.10	22.21	23.10
15	64QAM	1	37	22.04	22.28	22.07	23.10
15	64QAM	1	74	22.02	22.17	22.12	23.10
15	64QAM	36	0	21.02	21.17	21.24	22.10
15	64QAM	36	20	21.09	21.24	21.11	22.10
15	64QAM	36	39	21.01	21.32	21.09	22.10
15	64QAM	75	0	21.07	21.19	21.14	22.10
15	256QAM	1	0	18.90	19.29	19.19	20.10
15	256QAM	1	37	19.05	19.27	19.21	20.10
15	256QAM	1	74	19.08	19.28	19.22	20.10
15	256QAM	36	0	19.04	19.25	19.08	20.10
15	256QAM	36	20	18.98	19.24	19.03	20.10
15	256QAM	36	39	18.98	19.14	19.14	20.10
15	256QAM	75	0	19.01	19.13	19.19	20.10
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	24.16	24.15	24.13	25.10
10	QPSK	1	25	23.99	24.13	24.04	25.10
10	QPSK	1	49	24.02	24.09	23.97	25.10
10	QPSK	25	0	22.99	23.33	23.03	24.10
10	QPSK	25	12	23.07	23.12	23.10	24.10
10	QPSK	25	25	22.90	23.13	23.18	24.10
10	QPSK	50	0	22.96	23.23	23.19	24.10
10	16QAM	1	0	22.99	23.21	23.15	24.10
10	16QAM	1	25	22.90	23.22	23.17	24.10
10	16QAM	1	49	23.04	23.25	23.10	24.10
10	16QAM	25	0	22.10	22.36	22.16	23.10
10	16QAM	25	12	22.01	22.30	22.12	23.10

10	16QAM	25	25	22.12	22.23	22.16	23.10
10	16QAM	50	0	21.99	22.16	22.17	23.10
10	64QAM	1	0	21.97	22.07	22.16	23.10
10	64QAM	1	25	22.04	22.27	22.13	23.10
10	64QAM	1	49	22.00	22.21	22.15	23.10
10	64QAM	25	0	20.96	21.10	21.29	22.10
10	64QAM	25	12	21.08	21.24	21.06	22.10
10	64QAM	25	25	21.05	21.32	21.13	22.10
10	64QAM	50	0	21.09	21.11	21.21	22.10
10	256QAM	1	0	18.89	19.31	19.09	20.10
10	256QAM	1	25	18.96	19.24	19.17	20.10
10	256QAM	1	49	18.99	19.29	19.16	20.10
10	256QAM	25	0	19.00	19.28	19.07	20.10
10	256QAM	25	12	18.96	19.19	19.15	20.10
10	256QAM	25	25	19.03	19.16	19.11	20.10
10	256QAM	50	0	18.97	19.20	19.20	20.10
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	24.18	24.22	24.07	25.10
5	QPSK	1	12	24.02	24.11	24.16	25.10
5	QPSK	1	24	23.92	24.03	23.99	25.10
5	QPSK	12	0	23.02	23.23	23.14	24.10
5	QPSK	12	7	23.11	23.14	23.13	24.10
5	QPSK	12	13	22.89	23.13	23.14	24.10
5	QPSK	25	0	22.92	23.16	23.12	24.10
5	16QAM	1	0	22.99	23.23	23.12	24.10
5	16QAM	1	12	22.96	23.16	23.17	24.10
5	16QAM	1	24	22.93	23.18	23.03	24.10
5	16QAM	12	0	22.00	22.32	22.10	23.10
5	16QAM	12	7	22.08	22.30	22.22	23.10
5	16QAM	12	13	22.04	22.15	22.16	23.10
5	16QAM	25	0	21.96	22.15	22.10	23.10
5	64QAM	1	0	21.98	22.20	22.15	23.10
5	64QAM	1	12	22.03	22.28	22.13	23.10
5	64QAM	1	24	22.01	22.17	22.11	23.10
5	64QAM	12	0	20.93	21.16	21.22	22.10
5	64QAM	12	7	21.16	21.20	21.10	22.10
5	64QAM	12	13	21.11	21.28	21.15	22.10
5	64QAM	25	0	21.12	21.18	21.22	22.10
5	256QAM	1	0	18.93	19.27	19.10	20.10
5	256QAM	1	12	18.95	19.22	19.10	20.10
5	256QAM	1	24	19.00	19.29	19.15	20.10
5	256QAM	12	0	19.01	19.29	19.05	20.10
5	256QAM	12	7	18.93	19.29	19.06	20.10
5	256QAM	12	13	18.93	19.07	19.04	20.10
5	256QAM	25	0	18.93	19.14	19.14	20.10

【LTE Band 38_Ant 8_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	24.23	24.26	24.22	25.10
20	QPSK	1	49	24.13	24.15	24.18	25.10
20	QPSK	1	99	24.05	24.16	24.08	25.10
20	QPSK	50	0	23.04	23.36	23.15	24.10
20	QPSK	50	24	23.18	23.23	23.19	24.10
20	QPSK	50	50	23.02	23.28	23.20	24.10
20	QPSK	100	0	23.01	23.30	23.27	24.10
20	16QAM	1	0	23.12	23.29	23.27	24.10
20	16QAM	1	49	23.02	23.29	23.19	24.10
20	16QAM	1	99	23.06	23.32	23.15	24.10
20	16QAM	50	0	22.11	22.39	22.20	23.10
20	16QAM	50	24	22.15	22.31	22.23	23.10
20	16QAM	50	50	22.16	22.29	22.25	23.10
20	16QAM	100	0	22.03	22.26	22.19	23.10
20	64QAM	1	0	22.11	22.22	22.29	23.10
20	64QAM	1	49	22.13	22.36	22.17	23.10
20	64QAM	1	99	22.09	22.30	22.22	23.10
20	64QAM	50	0	21.05	21.23	21.35	22.10
20	64QAM	50	24	21.19	21.27	21.19	22.10
20	64QAM	50	50	21.14	21.34	21.23	22.10

20	64QAM	100	0	21.15	21.26	21.25	22.10
20	256QAM	1	0	19.03	19.34	19.23	20.10
20	256QAM	1	49	19.08	19.29	19.23	20.10
20	256QAM	1	99	19.11	19.35	19.24	20.10
20	256QAM	50	0	19.08	19.35	19.16	20.10
20	256QAM	50	24	19.01	19.30	19.17	20.10
20	256QAM	50	50	19.05	19.18	19.15	20.10
20	256QAM	100	0	19.03	19.26	19.21	20.10
Channel				37825	38000	38175	Tune-up limit
Frequency (MHz)				2577.5	2595	2612.5	(dBm)
15	QPSK	1	0	24.16	24.17	24.14	25.10
15	QPSK	1	37	24.08	24.08	24.07	25.10
15	QPSK	1	74	23.98	24.13	23.97	25.10
15	QPSK	36	0	22.92	23.32	23.07	24.10
15	QPSK	36	20	23.05	23.12	23.08	24.10
15	QPSK	36	39	22.97	23.15	23.14	24.10
15	QPSK	75	0	22.90	23.16	23.19	24.10
15	16QAM	1	0	23.07	23.19	23.22	24.10
15	16QAM	1	37	22.95	23.17	23.16	24.10
15	16QAM	1	74	23.02	23.30	23.01	24.10
15	16QAM	36	0	22.09	22.30	22.12	23.10
15	16QAM	36	20	22.12	22.28	22.12	23.10
15	16QAM	36	39	22.12	22.17	22.13	23.10
15	16QAM	75	0	21.93	22.22	22.06	23.10
15	64QAM	1	0	21.98	22.10	22.21	23.10
15	64QAM	1	37	22.04	22.28	22.07	23.10
15	64QAM	1	74	22.02	22.17	22.12	23.10
15	64QAM	36	0	21.02	21.17	21.24	22.10
15	64QAM	36	20	21.09	21.24	21.11	22.10
15	64QAM	36	39	21.01	21.32	21.09	22.10
15	64QAM	75	0	21.07	21.19	21.14	22.10
15	256QAM	1	0	18.90	19.29	19.19	20.10
15	256QAM	1	37	19.05	19.27	19.21	20.10
15	256QAM	1	74	19.08	19.28	19.22	20.10
15	256QAM	36	0	19.04	19.25	19.08	20.10
15	256QAM	36	20	18.98	19.24	19.03	20.10
15	256QAM	36	39	18.98	19.14	19.14	20.10
15	256QAM	75	0	19.01	19.13	19.19	20.10
Channel				37800	38000	38200	Tune-up limit
Frequency (MHz)				2575	2595	2615	(dBm)
10	QPSK	1	0	24.16	24.15	24.13	25.10
10	QPSK	1	25	23.99	24.13	24.04	25.10
10	QPSK	1	49	24.02	24.09	23.97	25.10
10	QPSK	25	0	22.99	23.33	23.03	24.10
10	QPSK	25	12	23.07	23.12	23.10	24.10
10	QPSK	25	25	22.90	23.13	23.18	24.10
10	QPSK	50	0	22.96	23.23	23.19	24.10
10	16QAM	1	0	22.99	23.21	23.15	24.10
10	16QAM	1	25	22.90	23.22	23.17	24.10
10	16QAM	1	49	23.04	23.25	23.10	24.10
10	16QAM	25	0	22.10	22.36	22.16	23.10
10	16QAM	25	12	22.01	22.30	22.12	23.10
10	16QAM	25	25	22.12	22.23	22.16	23.10
10	16QAM	50	0	21.99	22.16	22.17	23.10
10	64QAM	1	0	21.97	22.07	22.16	23.10
10	64QAM	1	25	22.04	22.27	22.13	23.10
10	64QAM	1	49	22.00	22.21	22.15	23.10
10	64QAM	25	0	20.96	21.10	21.29	22.10
10	64QAM	25	12	21.08	21.24	21.06	22.10
10	64QAM	25	25	21.05	21.32	21.13	22.10
10	64QAM	50	0	21.09	21.11	21.21	22.10
10	256QAM	1	0	18.89	19.31	19.09	20.10
10	256QAM	1	25	18.96	19.24	19.17	20.10
10	256QAM	1	49	18.99	19.29	19.16	20.10
10	256QAM	25	0	19.00	19.28	19.07	20.10
10	256QAM	25	12	18.96	19.19	19.15	20.10
10	256QAM	25	25	19.03	19.16	19.11	20.10
10	256QAM	50	0	18.97	19.20	19.20	20.10
Channel				37775	38000	38225	Tune-up limit
Frequency (MHz)				2572.5	2595	2617.5	(dBm)
5	QPSK	1	0	24.18	24.22	24.07	25.10
5	QPSK	1	12	24.02	24.11	24.16	25.10
5	QPSK	1	24	23.92	24.03	23.99	25.10
5	QPSK	12	0	23.02	23.23	23.14	24.10
5	QPSK	12	7	23.11	23.14	23.13	24.10
5	QPSK	12	13	22.89	23.13	23.14	24.10
5	QPSK	25	0	22.92	23.16	23.12	24.10
5	16QAM	1	0	22.99	23.23	23.12	24.10

5	16QAM	1	12	22.96	23.16	23.17	24.10
5	16QAM	1	24	22.93	23.18	23.03	24.10
5	16QAM	12	0	22.00	22.32	22.10	23.10
5	16QAM	12	7	22.08	22.30	22.22	23.10
5	16QAM	12	13	22.04	22.15	22.16	23.10
5	16QAM	25	0	21.96	22.15	22.10	23.10
5	64QAM	1	0	21.98	22.20	22.15	23.10
5	64QAM	1	12	22.03	22.28	22.13	23.10
5	64QAM	1	24	22.01	22.17	22.11	23.10
5	64QAM	12	0	20.93	21.16	21.22	22.10
5	64QAM	12	7	21.16	21.20	21.10	22.10
5	64QAM	12	13	21.11	21.28	21.15	22.10
5	64QAM	25	0	21.12	21.18	21.22	22.10
5	256QAM	1	0	18.93	19.27	19.10	20.10
5	256QAM	1	12	18.95	19.22	19.10	20.10
5	256QAM	1	24	19.00	19.29	19.15	20.10
5	256QAM	12	0	19.01	19.29	19.05	20.10
5	256QAM	12	7	18.93	19.29	19.06	20.10
5	256QAM	12	13	18.93	19.07	19.04	20.10
5	256QAM	25	0	18.93	19.14	19.14	20.10

【LTE Band 38_Ant 8_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	16.30	16.32	16.25	17.10
20	QPSK	1	49	16.25	16.23	16.29	17.10
20	QPSK	1	99	16.27	16.30	16.20	17.10
20	QPSK	50	0	16.20	16.30	16.25	17.10
20	QPSK	50	24	16.29	16.27	16.27	17.10
20	QPSK	50	50	16.23	16.27	16.22	17.10
20	QPSK	100	0	16.28	16.27	16.25	17.10
20	16QAM	1	0	16.26	16.26	16.18	17.10
20	16QAM	1	49	16.26	16.27	16.25	17.10
20	16QAM	1	99	16.33	16.27	16.27	17.10
20	16QAM	50	0	16.32	16.23	16.20	17.10
20	16QAM	50	24	16.27	16.30	16.25	17.10
20	16QAM	50	50	16.26	16.24	16.25	17.10
20	16QAM	100	0	16.25	16.25	16.17	17.10
20	64QAM	1	0	16.23	16.30	16.27	17.10
20	64QAM	1	49	16.23	16.27	16.23	17.10
20	64QAM	1	99	16.24	16.28	16.18	17.10
20	64QAM	50	0	16.23	16.29	16.17	17.10
20	64QAM	50	24	16.30	16.23	16.19	17.10
20	64QAM	50	50	16.29	16.24	16.28	17.10
20	64QAM	100	0	16.30	16.30	16.20	17.10
20	256QAM	1	0	16.23	16.27	16.24	17.10
20	256QAM	1	49	16.23	16.25	16.24	17.10
20	256QAM	1	99	16.24	16.21	16.19	17.10
20	256QAM	50	0	16.26	16.28	16.27	17.10
20	256QAM	50	24	16.26	16.24	16.17	17.10
20	256QAM	50	50	16.25	16.23	16.29	17.10
20	256QAM	100	0	16.27	16.28	16.20	17.10
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	16.21	16.19	16.12	17.10
15	QPSK	1	37	16.14	16.17	16.23	17.10
15	QPSK	1	74	16.12	16.24	16.18	17.10
15	QPSK	36	0	16.20	16.24	16.15	17.10
15	QPSK	36	20	16.16	16.24	16.13	17.10
15	QPSK	36	39	16.14	16.20	16.12	17.10
15	QPSK	75	0	16.14	16.18	16.14	17.10
15	16QAM	1	0	16.23	16.16	16.08	17.10
15	16QAM	1	37	16.16	16.20	16.16	17.10
15	16QAM	1	74	16.22	16.19	16.24	17.10
15	16QAM	36	0	16.30	16.17	16.06	17.10
15	16QAM	36	20	16.22	16.19	16.13	17.10
15	16QAM	36	39	16.21	16.17	16.23	17.10
15	16QAM	75	0	16.11	16.13	16.04	17.10
15	64QAM	1	0	16.18	16.18	16.20	17.10
15	64QAM	1	37	16.12	16.16	16.16	17.10

15	64QAM	1	74	16.17	16.27	16.15	17.10
15	64QAM	36	0	16.19	16.28	16.16	17.10
15	64QAM	36	20	16.24	16.10	16.04	17.10
15	64QAM	36	39	16.20	16.21	16.22	17.10
15	64QAM	75	0	16.19	16.24	16.18	17.10
15	256QAM	1	0	16.21	16.23	16.13	17.10
15	256QAM	1	37	16.13	16.14	16.21	17.10
15	256QAM	1	74	16.17	16.17	16.12	17.10
15	256QAM	36	0	16.22	16.25	16.22	17.10
15	256QAM	36	20	16.13	16.13	16.05	17.10
15	256QAM	36	39	16.21	16.09	16.24	17.10
15	256QAM	75	0	16.16	16.20	16.08	17.10
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	16.26	16.19	16.12	17.10
10	QPSK	1	25	16.13	16.12	16.26	17.10
10	QPSK	1	49	16.24	16.21	16.12	17.10
10	QPSK	25	0	16.21	16.15	16.22	17.10
10	QPSK	25	12	16.27	16.24	16.14	17.10
10	QPSK	25	25	16.14	16.19	16.11	17.10
10	QPSK	50	0	16.14	16.15	16.14	17.10
10	16QAM	1	0	16.14	16.18	16.11	17.10
10	16QAM	1	25	16.24	16.17	16.20	17.10
10	16QAM	1	49	16.21	16.23	16.21	17.10
10	16QAM	25	0	16.21	16.16	16.11	17.10
10	16QAM	25	12	16.17	16.20	16.17	17.10
10	16QAM	25	25	16.18	16.18	16.24	17.10
10	16QAM	50	0	16.18	16.19	16.12	17.10
10	64QAM	1	0	16.15	16.21	16.14	17.10
10	64QAM	1	25	16.13	16.18	16.17	17.10
10	64QAM	1	49	16.16	16.24	16.05	17.10
10	64QAM	25	0	16.20	16.16	16.16	17.10
10	64QAM	25	12	16.23	16.11	16.13	17.10
10	64QAM	25	25	16.21	16.19	16.22	17.10
10	64QAM	50	0	16.28	16.26	16.11	17.10
10	256QAM	1	0	16.09	16.15	16.18	17.10
10	256QAM	1	25	16.12	16.17	16.09	17.10
10	256QAM	1	49	16.11	16.15	16.12	17.10
10	256QAM	25	0	16.22	16.25	16.25	17.10
10	256QAM	25	12	16.12	16.16	16.03	17.10
10	256QAM	25	25	16.18	16.18	16.26	17.10
10	256QAM	50	0	16.21	16.16	16.16	17.10
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	16.18	16.20	16.15	17.10
5	QPSK	1	12	16.19	16.17	16.25	17.10
5	QPSK	1	24	16.22	16.25	16.07	17.10
5	QPSK	12	0	16.22	16.20	16.14	17.10
5	QPSK	12	7	16.21	16.14	16.24	17.10
5	QPSK	12	13	16.19	16.18	16.18	17.10
5	QPSK	25	0	16.17	16.14	16.19	17.10
5	16QAM	1	0	16.22	16.12	16.11	17.10
5	16QAM	1	12	16.19	16.20	16.14	17.10
5	16QAM	1	24	16.29	16.22	16.19	17.10
5	16QAM	12	0	16.25	16.13	16.09	17.10
5	16QAM	12	7	16.12	16.28	16.20	17.10
5	16QAM	12	13	16.18	16.21	16.14	17.10
5	16QAM	25	0	16.17	16.16	16.04	17.10
5	64QAM	1	0	16.15	16.20	16.16	17.10
5	64QAM	1	12	16.10	16.25	16.12	17.10
5	64QAM	1	24	16.17	16.13	16.16	17.10
5	64QAM	12	0	16.12	16.23	16.10	17.10
5	64QAM	12	7	16.23	16.15	16.16	17.10
5	64QAM	12	13	16.21	16.16	16.24	17.10
5	64QAM	25	0	16.22	16.25	16.07	17.10
5	256QAM	1	0	16.21	16.20	16.22	17.10
5	256QAM	1	12	16.17	16.13	16.19	17.10
5	256QAM	1	24	16.18	16.19	16.16	17.10
5	256QAM	12	0	16.20	16.25	16.20	17.10
5	256QAM	12	7	16.24	16.20	16.02	17.10
5	256QAM	12	13	16.16	16.14	16.24	17.10
5	256QAM	25	0	16.17	16.21	16.18	17.10

【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	23.94	23.91	24.03	23.99	23.94	25.10
20	QPSK	1	49	23.82	23.84	23.99	23.85	23.86	25.10
20	QPSK	1	99	23.89	23.76	23.91	23.92	23.85	25.10
20	QPSK	50	0	22.93	22.91	23.10	22.99	22.99	24.10
20	QPSK	50	24	22.97	22.98	23.03	23.06	22.97	24.10
20	QPSK	50	50	22.95	22.86	22.99	22.98	22.97	24.10
20	QPSK	100	0	22.98	22.91	22.98	23.03	22.98	24.10
20	16QAM	1	0	22.91	22.91	23.09	23.04	23.00	24.10
20	16QAM	1	49	22.95	22.95	23.05	23.02	22.97	24.10
20	16QAM	1	99	22.91	22.97	23.06	23.00	22.94	24.10
20	16QAM	50	0	21.93	21.96	22.04	21.99	21.90	23.10
20	16QAM	50	24	21.97	21.94	22.08	21.96	21.94	23.10
20	16QAM	50	50	21.95	21.87	22.05	21.99	21.90	23.10
20	16QAM	100	0	21.99	21.94	22.07	22.04	21.98	23.10
20	64QAM	1	0	21.95	21.87	22.01	22.03	22.01	23.10
20	64QAM	1	49	22.01	21.91	22.08	22.01	21.97	23.10
20	64QAM	1	99	21.95	21.90	22.05	22.04	21.97	23.10
20	64QAM	50	0	20.98	20.95	21.02	21.04	20.91	22.10
20	64QAM	50	24	21.01	20.88	21.08	21.00	20.97	22.10
20	64QAM	50	50	20.97	20.87	20.99	21.04	20.91	22.10
20	64QAM	100	0	20.98	20.91	21.00	21.00	20.94	22.10
20	256QAM	1	0	18.97	18.92	18.99	18.97	19.00	20.10
20	256QAM	1	49	18.92	18.86	19.06	19.05	18.90	20.10
20	256QAM	1	99	18.93	18.97	19.08	19.00	18.97	20.10
20	256QAM	50	0	18.91	18.86	18.98	19.04	19.00	20.10
20	256QAM	50	24	18.91	18.90	19.00	18.97	18.93	20.10
20	256QAM	50	50	18.94	18.88	19.06	19.04	19.00	20.10
20	256QAM	100	0	18.92	18.95	18.99	18.98	18.95	20.10
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	23.90	23.85	23.89	23.96	23.80	25.10
15	QPSK	1	37	23.75	23.76	23.96	23.71	23.74	25.10
15	QPSK	1	74	23.75	23.71	23.78	23.90	23.78	25.10
15	QPSK	36	0	22.92	22.79	22.98	22.94	22.89	24.10
15	QPSK	36	20	22.91	22.89	23.01	22.99	22.93	24.10
15	QPSK	36	39	22.85	22.78	22.85	22.93	22.84	24.10
15	QPSK	75	0	22.85	22.89	22.91	22.90	22.91	24.10
15	16QAM	1	0	22.76	22.89	23.01	22.95	22.92	24.10
15	16QAM	1	37	22.86	22.92	22.93	22.90	22.95	24.10
15	16QAM	1	74	22.77	22.87	23.02	22.97	22.82	24.10
15	16QAM	36	0	21.84	21.92	22.00	21.89	21.78	23.10
15	16QAM	36	20	21.82	21.85	22.05	21.85	21.89	23.10
15	16QAM	36	39	21.83	21.74	22.00	21.86	21.84	23.10
15	16QAM	75	0	21.96	21.85	21.99	21.91	21.89	23.10
15	64QAM	1	0	21.83	21.79	21.88	21.93	21.94	23.10
15	64QAM	1	37	21.92	21.84	22.03	21.90	21.85	23.10
15	64QAM	1	74	21.87	21.84	21.94	21.99	21.88	23.10
15	64QAM	36	0	20.95	20.87	20.98	21.02	20.77	22.10
15	64QAM	36	20	20.94	20.78	21.05	20.89	20.91	22.10
15	64QAM	36	39	20.83	20.74	20.90	20.97	20.89	22.10
15	64QAM	75	0	20.93	20.85	20.93	20.94	20.82	22.10
15	256QAM	1	0	18.94	18.80	18.97	18.94	18.93	20.10
15	256QAM	1	37	18.90	18.80	18.97	19.03	18.76	20.10
15	256QAM	1	74	18.87	18.92	18.99	18.86	18.91	20.10
15	256QAM	36	0	18.87	18.79	18.84	19.02	18.91	20.10
15	256QAM	36	20	18.89	18.81	18.87	18.95	18.83	20.10
15	256QAM	36	39	18.91	18.87	18.97	19.00	18.89	20.10
15	256QAM	75	0	18.86	18.94	18.91	18.89	18.94	20.10
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	23.88	23.84	23.91	23.94	23.90	25.10
10	QPSK	1	25	23.78	23.77	23.96	23.74	23.79	25.10
10	QPSK	1	49	23.81	23.71	23.90	23.79	23.76	25.10
10	QPSK	25	0	22.83	22.76	22.97	22.85	22.90	24.10
10	QPSK	25	12	22.90	22.91	22.97	22.98	22.92	24.10
10	QPSK	25	25	22.87	22.78	22.92	22.89	22.84	24.10
10	QPSK	50	0	22.95	22.88	22.93	22.91	22.90	24.10
10	16QAM	1	0	22.76	22.82	22.97	22.97	22.94	24.10

10	16QAM	1	25	22.84	22.89	23.02	22.92	22.85	24.10
10	16QAM	1	49	22.89	22.84	22.95	22.98	22.81	24.10
10	16QAM	25	0	21.86	21.89	22.00	21.90	21.85	23.10
10	16QAM	25	12	21.90	21.79	22.07	21.94	21.90	23.10
10	16QAM	25	25	21.81	21.84	22.02	21.93	21.77	23.10
10	16QAM	50	0	21.85	21.91	21.92	21.95	21.94	23.10
10	64QAM	1	0	21.81	21.74	21.87	21.88	21.96	23.10
10	64QAM	1	25	21.88	21.85	21.97	22.00	21.86	23.10
10	64QAM	1	49	21.93	21.84	21.98	21.98	21.87	23.10
10	64QAM	25	0	20.94	20.89	20.96	20.95	20.78	22.10
10	64QAM	25	12	20.94	20.81	20.99	20.88	20.92	22.10
10	64QAM	25	25	20.82	20.77	20.96	20.98	20.83	22.10
10	64QAM	50	0	20.96	20.86	20.89	20.98	20.92	22.10
10	256QAM	1	0	18.92	18.88	18.96	18.96	18.99	20.10
10	256QAM	1	25	18.90	18.85	18.97	18.90	18.87	20.10
10	256QAM	1	49	18.80	18.85	18.96	18.98	18.89	20.10
10	256QAM	25	0	18.76	18.85	18.92	18.93	18.86	20.10
10	256QAM	25	12	18.80	18.84	18.96	18.83	18.85	20.10
10	256QAM	25	25	18.80	18.77	19.01	19.03	18.87	20.10
10	256QAM	50	0	18.79	18.88	18.93	18.89	18.88	20.10
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	23.79	23.79	24.00	23.89	23.90	25.10
5	QPSK	1	12	23.80	23.72	23.91	23.80	23.72	25.10
5	QPSK	1	24	23.85	23.61	23.77	23.89	23.71	25.10
5	QPSK	12	0	22.91	22.79	23.01	22.94	22.95	24.10
5	QPSK	12	7	22.94	22.84	22.93	22.98	22.92	24.10
5	QPSK	12	13	22.89	22.77	22.96	22.92	22.84	24.10
5	QPSK	25	0	22.93	22.89	22.89	22.94	22.88	24.10
5	16QAM	1	0	22.86	22.79	22.95	22.98	22.96	24.10
5	16QAM	1	12	22.81	22.83	23.04	22.95	22.96	24.10
5	16QAM	1	24	22.84	22.87	22.97	22.88	22.84	24.10
5	16QAM	12	0	21.89	21.93	21.94	21.85	21.75	23.10
5	16QAM	12	7	21.90	21.80	22.03	21.86	21.87	23.10
5	16QAM	12	13	21.87	21.74	21.99	21.90	21.79	23.10
5	16QAM	25	0	21.93	21.87	21.98	21.93	21.90	23.10
5	64QAM	1	0	21.88	21.75	21.88	21.90	21.95	23.10
5	64QAM	1	12	21.93	21.89	22.06	21.91	21.86	23.10
5	64QAM	1	24	21.82	21.89	21.99	21.94	21.95	23.10
5	64QAM	12	0	20.93	20.84	20.88	20.93	20.76	22.10
5	64QAM	12	7	20.93	20.79	21.00	20.95	20.95	22.10
5	64QAM	12	13	20.89	20.79	20.89	20.97	20.80	22.10
5	64QAM	25	0	20.90	20.77	20.94	20.85	20.86	22.10
5	256QAM	1	0	18.90	18.86	18.96	18.91	18.97	20.10
5	256QAM	1	12	18.80	18.72	18.93	18.90	18.80	20.10
5	256QAM	1	24	18.79	18.88	18.99	18.94	18.86	20.10
5	256QAM	12	0	18.81	18.79	18.96	18.94	18.92	20.10
5	256QAM	12	7	18.89	18.77	18.98	18.88	18.90	20.10
5	256QAM	12	13	18.80	18.80	18.97	19.02	18.95	20.10
5	256QAM	25	0	18.81	18.92	18.91	18.89	18.89	20.10

【LTE Band 41__FCC (2496~2690MHz)_Ant

5_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	23.94	23.91	24.03	23.99	23.94	25.10
20	QPSK	1	49	23.82	23.84	23.99	23.85	23.86	25.10
20	QPSK	1	99	23.89	23.76	23.91	23.92	23.85	25.10
20	QPSK	50	0	22.93	22.91	23.10	22.99	22.99	24.10
20	QPSK	50	24	22.97	22.98	23.03	23.06	22.97	24.10
20	QPSK	50	50	22.95	22.86	22.99	22.98	22.97	24.10
20	QPSK	100	0	22.98	22.91	22.98	23.03	22.98	24.10
20	16QAM	1	0	22.91	22.91	23.09	23.04	23.00	24.10
20	16QAM	1	49	22.95	22.95	23.05	23.02	22.97	24.10
20	16QAM	1	99	22.91	22.97	23.06	23.00	22.94	24.10
20	16QAM	50	0	21.93	21.96	22.04	21.99	21.90	23.10
20	16QAM	50	24	21.97	21.94	22.08	21.96	21.94	23.10
20	16QAM	50	50	21.95	21.87	22.05	21.99	21.90	23.10
20	16QAM	100	0	21.99	21.94	22.07	22.04	21.98	23.10
20	64QAM	1	0	21.95	21.87	22.01	22.03	22.01	23.10
20	64QAM	1	49	22.01	21.91	22.08	22.01	21.97	23.10

20	64QAM	1	99	21.95	21.90	22.05	22.04	21.97	23.10
20	64QAM	50	0	20.98	20.95	21.02	21.04	20.91	22.10
20	64QAM	50	24	21.01	20.88	21.08	21.00	20.97	22.10
20	64QAM	50	50	20.97	20.87	20.99	21.04	20.91	22.10
20	64QAM	100	0	20.98	20.91	21.00	21.00	20.94	22.10
20	256QAM	1	0	18.97	18.92	18.99	18.97	19.00	20.10
20	256QAM	1	49	18.92	18.86	19.06	19.05	18.90	20.10
20	256QAM	1	99	18.93	18.97	19.08	19.00	18.97	20.10
20	256QAM	50	0	18.91	18.86	18.98	19.04	19.00	20.10
20	256QAM	50	24	18.91	18.90	19.00	18.97	18.93	20.10
20	256QAM	50	50	18.94	18.88	19.06	19.04	19.00	20.10
20	256QAM	100	0	18.92	18.95	18.99	18.98	18.95	20.10
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	23.90	23.85	23.89	23.96	23.80	25.10
15	QPSK	1	37	23.75	23.76	23.96	23.71	23.74	25.10
15	QPSK	1	74	23.75	23.71	23.78	23.90	23.78	25.10
15	QPSK	36	0	22.92	22.79	22.98	22.94	22.89	24.10
15	QPSK	36	20	22.91	22.89	23.01	22.99	22.93	24.10
15	QPSK	36	39	22.85	22.78	22.85	22.93	22.84	24.10
15	QPSK	75	0	22.85	22.89	22.91	22.90	22.91	24.10
15	16QAM	1	0	22.76	22.89	23.01	22.95	22.92	24.10
15	16QAM	1	37	22.86	22.92	22.93	22.90	22.95	24.10
15	16QAM	1	74	22.77	22.87	23.02	22.97	22.82	24.10
15	16QAM	36	0	21.84	21.92	22.00	21.89	21.78	23.10
15	16QAM	36	20	21.82	21.85	22.05	21.85	21.89	23.10
15	16QAM	36	39	21.83	21.74	22.00	21.86	21.84	23.10
15	16QAM	75	0	21.96	21.85	21.99	21.91	21.89	23.10
15	64QAM	1	0	21.83	21.79	21.88	21.93	21.94	23.10
15	64QAM	1	37	21.92	21.84	22.03	21.90	21.85	23.10
15	64QAM	1	74	21.87	21.84	21.94	21.99	21.88	23.10
15	64QAM	36	0	20.95	20.87	20.98	21.02	20.77	22.10
15	64QAM	36	20	20.94	20.78	21.05	20.89	20.91	22.10
15	64QAM	36	39	20.83	20.74	20.90	20.97	20.89	22.10
15	64QAM	75	0	20.93	20.85	20.93	20.94	20.82	22.10
15	256QAM	1	0	18.94	18.80	18.97	18.94	18.93	20.10
15	256QAM	1	37	18.90	18.80	18.97	19.03	18.76	20.10
15	256QAM	1	74	18.87	18.92	18.99	18.86	18.91	20.10
15	256QAM	36	0	18.87	18.79	18.84	19.02	18.91	20.10
15	256QAM	36	20	18.89	18.81	18.87	18.95	18.83	20.10
15	256QAM	36	39	18.91	18.87	18.97	19.00	18.89	20.10
15	256QAM	75	0	18.86	18.94	18.91	18.89	18.94	20.10
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	23.88	23.84	23.91	23.94	23.90	25.10
10	QPSK	1	25	23.78	23.77	23.96	23.74	23.79	25.10
10	QPSK	1	49	23.81	23.71	23.90	23.79	23.76	25.10
10	QPSK	25	0	22.83	22.76	22.97	22.85	22.90	24.10
10	QPSK	25	12	22.90	22.91	22.97	22.98	22.92	24.10
10	QPSK	25	25	22.87	22.78	22.92	22.89	22.84	24.10
10	QPSK	50	0	22.95	22.88	22.93	22.91	22.90	24.10
10	16QAM	1	0	22.76	22.82	22.97	22.97	22.94	24.10
10	16QAM	1	25	22.84	22.89	23.02	22.92	22.85	24.10
10	16QAM	1	49	22.89	22.84	22.95	22.98	22.81	24.10
10	16QAM	25	0	21.86	21.89	22.00	21.90	21.85	23.10
10	16QAM	25	12	21.90	21.79	22.07	21.94	21.90	23.10
10	16QAM	25	25	21.81	21.84	22.02	21.93	21.77	23.10
10	16QAM	50	0	21.85	21.91	21.92	21.95	21.94	23.10
10	64QAM	1	0	21.81	21.74	21.87	21.88	21.96	23.10
10	64QAM	1	25	21.88	21.85	21.97	22.00	21.86	23.10
10	64QAM	1	49	21.93	21.84	21.98	21.98	21.87	23.10
10	64QAM	25	0	20.94	20.89	20.96	20.95	20.78	22.10
10	64QAM	25	12	20.94	20.81	20.99	20.88	20.92	22.10
10	64QAM	25	25	20.82	20.77	20.96	20.98	20.83	22.10
10	64QAM	50	0	20.96	20.86	20.89	20.98	20.92	22.10
10	256QAM	1	0	18.92	18.88	18.96	18.96	18.99	20.10
10	256QAM	1	25	18.90	18.85	18.97	18.90	18.87	20.10
10	256QAM	1	49	18.80	18.85	18.96	18.98	18.89	20.10
10	256QAM	25	0	18.76	18.85	18.92	18.93	18.86	20.10
10	256QAM	25	12	18.80	18.84	18.96	18.83	18.85	20.10
10	256QAM	25	25	18.80	18.77	19.01	19.03	18.87	20.10
10	256QAM	50	0	18.79	18.88	18.93	18.89	18.88	20.10
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	23.79	23.79	24.00	23.89	23.90	25.10

5	QPSK	1	12	23.80	23.72	23.91	23.80	23.72	25.10
5	QPSK	1	24	23.85	23.61	23.77	23.89	23.71	25.10
5	QPSK	12	0	22.91	22.79	23.01	22.94	22.95	24.10
5	QPSK	12	7	22.94	22.84	22.93	22.98	22.92	24.10
5	QPSK	12	13	22.89	22.77	22.96	22.92	22.84	24.10
5	QPSK	25	0	22.93	22.89	22.89	22.94	22.88	24.10
5	16QAM	1	0	22.86	22.79	22.95	22.98	22.96	24.10
5	16QAM	1	12	22.81	22.83	23.04	22.95	22.96	24.10
5	16QAM	1	24	22.84	22.87	22.97	22.88	22.84	24.10
5	16QAM	12	0	21.89	21.93	21.94	21.85	21.75	23.10
5	16QAM	12	7	21.90	21.80	22.03	21.86	21.87	23.10
5	16QAM	12	13	21.87	21.74	21.99	21.90	21.79	23.10
5	16QAM	25	0	21.93	21.87	21.98	21.93	21.90	23.10
5	64QAM	1	0	21.88	21.75	21.88	21.90	21.95	23.10
5	64QAM	1	12	21.93	21.89	22.06	21.91	21.86	23.10
5	64QAM	1	24	21.82	21.89	21.99	21.94	21.95	23.10
5	64QAM	12	0	20.93	20.84	20.88	20.93	20.76	22.10
5	64QAM	12	7	20.93	20.79	21.00	20.95	20.95	22.10
5	64QAM	12	13	20.89	20.79	20.89	20.97	20.80	22.10
5	64QAM	25	0	20.90	20.77	20.94	20.85	20.86	22.10
5	256QAM	1	0	18.90	18.86	18.96	18.91	18.97	20.10
5	256QAM	1	12	18.80	18.72	18.93	18.90	18.80	20.10
5	256QAM	1	24	18.79	18.88	18.99	18.94	18.86	20.10
5	256QAM	12	0	18.81	18.79	18.96	18.94	18.92	20.10
5	256QAM	12	7	18.89	18.77	18.98	18.88	18.90	20.10
5	256QAM	12	13	18.80	18.80	18.97	19.02	18.95	20.10
5	256QAM	25	0	18.81	18.92	18.91	18.89	18.89	20.10

【LTE Band 41_FCC (2496~2690MHz)_Ant

5_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	Tune-up limit (dBm)
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	13.81	13.96	14.02	13.81	13.79	15.40
20	QPSK	1	49	13.70	13.70	13.73	13.72	13.78	15.40
20	QPSK	1	99	13.77	13.72	13.72	13.74	13.71	15.40
20	QPSK	50	0	13.77	13.76	13.89	13.75	13.82	15.40
20	QPSK	50	24	13.70	13.73	13.71	13.71	13.70	15.40
20	QPSK	50	50	13.71	13.72	13.72	13.73	13.71	15.40
20	QPSK	100	0	13.75	13.81	13.86	13.81	13.73	15.40
20	16QAM	1	0	13.80	13.81	13.88	13.84	13.74	15.40
20	16QAM	1	49	13.76	13.75	13.83	13.74	13.80	15.40
20	16QAM	1	99	13.84	13.88	13.87	13.79	13.81	15.40
20	16QAM	50	0	13.80	13.75	13.82	13.80	13.76	15.40
20	16QAM	50	24	13.77	13.79	13.85	13.85	13.79	15.40
20	16QAM	50	50	13.72	13.81	13.83	13.80	13.78	15.40
20	16QAM	100	0	13.71	13.87	13.84	13.75	13.80	15.40
20	64QAM	1	0	13.82	13.79	13.78	13.88	13.70	15.40
20	64QAM	1	49	13.71	13.80	13.88	13.74	13.83	15.40
20	64QAM	1	99	13.81	13.79	13.85	13.85	13.75	15.40
20	64QAM	50	0	13.78	13.72	13.79	13.82	13.71	15.40
20	64QAM	50	24	13.72	13.76	13.84	13.79	13.69	15.40
20	64QAM	50	50	13.72	13.67	13.85	13.87	13.73	15.40
20	64QAM	100	0	13.69	13.81	13.86	13.78	13.69	15.40
20	256QAM	1	0	13.73	13.73	13.82	13.85	13.81	15.40
20	256QAM	1	49	13.76	13.78	13.81	13.80	13.80	15.40
20	256QAM	1	99	13.74	13.75	13.82	13.87	13.74	15.40
20	256QAM	50	0	13.79	13.79	13.89	13.81	13.80	15.40
20	256QAM	50	24	13.79	13.80	13.86	13.80	13.73	15.40
20	256QAM	50	50	13.80	13.80	13.83	13.86	13.73	15.40
20	256QAM	100	0	13.81	13.80	13.85	13.86	13.71	15.40
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	13.74	13.75	13.82	13.77	13.75	15.40
15	QPSK	1	37	13.80	13.74	13.81	13.71	13.71	15.40
15	QPSK	1	74	13.70	13.67	13.85	13.80	13.69	15.40
15	QPSK	36	0	13.64	13.68	13.87	13.63	13.75	15.40
15	QPSK	36	20	13.72	13.70	13.83	13.62	13.72	15.40
15	QPSK	36	39	13.66	13.66	13.82	13.68	13.71	15.40
15	QPSK	75	0	13.65	13.64	13.84	13.75	13.64	15.40

15	16QAM	1	0	13.71	13.57	13.84	13.70	13.69	15.40
15	16QAM	1	37	13.69	13.63	13.80	13.62	13.65	15.40
15	16QAM	1	74	13.76	13.60	13.82	13.76	13.78	15.40
15	16QAM	36	0	13.73	13.70	13.79	13.70	13.75	15.40
15	16QAM	36	20	13.72	13.58	13.81	13.80	13.72	15.40
15	16QAM	36	39	13.64	13.67	13.77	13.73	13.73	15.40
15	16QAM	75	0	13.64	13.70	13.71	13.65	13.76	15.40
15	64QAM	1	0	13.70	13.65	13.85	13.79	13.64	15.40
15	64QAM	1	37	13.70	13.77	13.83	13.72	13.73	15.40
15	64QAM	1	74	13.70	13.54	13.82	13.73	13.63	15.40
15	64QAM	36	0	13.71	13.71	13.82	13.75	13.62	15.40
15	64QAM	36	20	13.62	13.66	13.81	13.67	13.66	15.40
15	64QAM	36	39	13.70	13.56	13.70	13.77	13.68	15.40
15	64QAM	75	0	13.63	13.67	13.88	13.77	13.63	15.40
15	256QAM	1	0	13.68	13.67	13.69	13.84	13.76	15.40
15	256QAM	1	37	13.73	13.72	13.72	13.71	13.77	15.40
15	256QAM	1	74	13.65	13.72	13.83	13.84	13.72	15.40
15	256QAM	36	0	13.74	13.53	13.80	13.74	13.72	15.40
15	256QAM	36	20	13.65	13.65	13.87	13.75	13.63	15.40
15	256QAM	36	39	13.68	13.70	13.79	13.74	13.68	15.40
15	256QAM	75	0	13.67	13.52	13.81	13.84	13.68	15.40
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	13.70	13.82	13.90	13.80	13.77	15.40
10	QPSK	1	25	13.74	13.76	13.84	13.70	13.72	15.40
10	QPSK	1	49	13.67	13.62	13.78	13.70	13.67	15.40
10	QPSK	25	0	13.64	13.74	13.79	13.63	13.68	15.40
10	QPSK	25	12	13.66	13.77	13.75	13.74	13.61	15.40
10	QPSK	25	25	13.66	13.56	13.81	13.67	13.67	15.40
10	QPSK	50	0	13.69	13.63	13.75	13.75	13.69	15.40
10	16QAM	1	0	13.67	13.64	13.90	13.70	13.69	15.40
10	16QAM	1	25	13.63	13.60	13.69	13.71	13.70	15.40
10	16QAM	1	49	13.73	13.63	13.84	13.65	13.67	15.40
10	16QAM	25	0	13.71	13.70	13.78	13.76	13.73	15.40
10	16QAM	25	12	13.65	13.70	13.80	13.78	13.75	15.40
10	16QAM	25	25	13.68	13.71	13.75	13.66	13.74	15.40
10	16QAM	50	0	13.69	13.72	13.75	13.61	13.76	15.40
10	64QAM	1	0	13.75	13.69	13.80	13.84	13.58	15.40
10	64QAM	1	25	13.65	13.70	13.81	13.60	13.73	15.40
10	64QAM	1	49	13.68	13.61	13.76	13.78	13.60	15.40
10	64QAM	25	0	13.65	13.60	13.89	13.71	13.58	15.40
10	64QAM	25	12	13.67	13.72	13.74	13.70	13.63	15.40
10	64QAM	25	25	13.70	13.65	13.76	13.82	13.63	15.40
10	64QAM	50	0	13.68	13.72	13.80	13.76	13.67	15.40
10	256QAM	1	0	13.60	13.64	13.81	13.82	13.80	15.40
10	256QAM	1	25	13.71	13.74	13.68	13.78	13.75	15.40
10	256QAM	1	49	13.64	13.69	13.83	13.76	13.72	15.40
10	256QAM	25	0	13.76	13.57	13.86	13.69	13.71	15.40
10	256QAM	25	12	13.65	13.64	13.80	13.77	13.67	15.40
10	256QAM	25	25	13.70	13.76	13.71	13.72	13.61	15.40
10	256QAM	50	0	13.73	13.63	13.79	13.84	13.66	15.40
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	13.75	13.77	13.88	13.75	13.71	15.40
5	QPSK	1	12	13.75	13.72	13.83	13.70	13.68	15.40
5	QPSK	1	24	13.71	13.62	13.75	13.73	13.66	15.40
5	QPSK	12	0	13.76	13.68	13.80	13.60	13.81	15.40
5	QPSK	12	7	13.67	13.71	13.83	13.72	13.61	15.40
5	QPSK	12	13	13.67	13.56	13.82	13.67	13.71	15.40
5	QPSK	25	0	13.73	13.57	13.79	13.68	13.64	15.40
5	16QAM	1	0	13.79	13.59	13.83	13.83	13.65	15.40
5	16QAM	1	12	13.71	13.68	13.75	13.65	13.69	15.40
5	16QAM	1	24	13.76	13.62	13.75	13.69	13.72	15.40
5	16QAM	12	0	13.70	13.70	13.72	13.78	13.69	15.40
5	16QAM	12	7	13.75	13.67	13.81	13.82	13.72	15.40
5	16QAM	12	13	13.61	13.70	13.79	13.76	13.66	15.40
5	16QAM	25	0	13.57	13.70	13.82	13.62	13.69	15.40
5	64QAM	1	0	13.68	13.77	13.86	13.77	13.63	15.40
5	64QAM	1	12	13.61	13.79	13.77	13.67	13.78	15.40
5	64QAM	1	24	13.73	13.57	13.79	13.77	13.70	15.40
5	64QAM	12	0	13.73	13.60	13.79	13.74	13.61	15.40
5	64QAM	12	7	13.69	13.75	13.81	13.74	13.67	15.40
5	64QAM	12	13	13.67	13.53	13.76	13.85	13.61	15.40
5	64QAM	25	0	13.55	13.71	13.76	13.71	13.62	15.40
5	256QAM	1	0	13.60	13.60	13.78	13.78	13.69	15.40
5	256QAM	1	12	13.63	13.71	13.66	13.73	13.74	15.40

5	256QAM	1	24	13.65	13.64	13.77	13.82	13.66	15.40
5	256QAM	12	0	13.73	13.61	13.85	13.79	13.73	15.40
5	256QAM	12	7	13.72	13.60	13.82	13.75	13.62	15.40
5	256QAM	12	13	13.73	13.69	13.69	13.72	13.70	15.40
5	256QAM	25	0	13.75	13.59	13.76	13.81	13.70	15.40

【LTE Band 41_FCC (2496~2690MHz)_Ant

8_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	24.08	24.02	24.32	24.26	24.31	25.10
20	QPSK	1	49	23.94	23.96	24.22	24.22	24.17	25.10
20	QPSK	1	99	23.98	23.92	24.24	24.17	24.26	25.10
20	QPSK	50	0	23.05	23.08	23.37	23.25	23.35	24.10
20	QPSK	50	24	23.12	22.98	23.29	23.27	23.33	24.10
20	QPSK	50	50	23.08	23.01	23.32	23.22	23.36	24.10
20	QPSK	100	0	23.04	23.03	23.31	23.26	23.30	24.10
20	16QAM	1	0	23.13	23.00	23.39	23.23	23.27	24.10
20	16QAM	1	49	23.04	23.05	23.38	23.28	23.26	24.10
20	16QAM	1	99	23.10	23.00	23.34	23.24	23.28	24.10
20	16QAM	50	0	22.03	22.01	22.31	22.30	22.37	23.10
20	16QAM	50	24	22.13	22.03	22.33	22.30	22.28	23.10
20	16QAM	50	50	22.04	22.02	22.34	22.27	22.36	23.10
20	16QAM	100	0	22.14	22.02	22.31	22.26	22.37	23.10
20	64QAM	1	0	22.13	22.05	22.32	22.27	22.31	23.10
20	64QAM	1	49	22.04	22.05	22.37	22.22	22.33	23.10
20	64QAM	1	99	22.07	22.07	22.33	22.32	22.36	23.10
20	64QAM	50	0	21.13	21.00	21.34	21.23	21.37	22.10
20	64QAM	50	24	21.11	21.06	21.31	21.26	21.35	22.10
20	64QAM	50	50	21.10	21.01	21.37	21.26	21.34	22.10
20	64QAM	100	0	21.07	20.98	21.34	21.31	21.37	22.10
20	256QAM	1	0	19.13	19.04	19.34	19.22	19.28	20.10
20	256QAM	1	49	19.08	19.06	19.29	19.25	19.27	20.10
20	256QAM	1	99	19.07	18.99	19.31	19.27	19.32	20.10
20	256QAM	50	0	19.07	19.07	19.27	19.33	19.30	20.10
20	256QAM	50	24	19.11	18.99	19.38	19.21	19.37	20.10
20	256QAM	50	50	19.06	19.05	19.34	19.31	19.26	20.10
20	256QAM	100	0	19.13	18.98	19.37	19.33	19.37	20.10
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	24.02	23.88	24.27	24.12	24.21	25.10
15	QPSK	1	37	23.86	23.88	24.16	24.18	24.14	25.10
15	QPSK	1	74	23.94	23.83	24.18	24.03	24.15	25.10
15	QPSK	36	0	22.90	22.95	23.35	23.17	23.24	24.10
15	QPSK	36	20	23.10	22.96	23.15	23.23	23.31	24.10
15	QPSK	36	39	22.94	22.99	23.25	23.19	23.27	24.10
15	QPSK	75	0	22.90	22.91	23.27	23.15	23.32	24.10
15	16QAM	1	0	23.12	22.95	23.31	23.18	23.17	24.10
15	16QAM	1	37	22.96	22.97	23.27	23.17	23.17	24.10
15	16QAM	1	74	23.00	22.88	23.31	23.12	23.18	24.10
15	16QAM	36	0	21.97	21.98	22.22	22.20	22.33	23.10
15	16QAM	36	20	22.02	22.02	22.23	22.16	22.16	23.10
15	16QAM	36	39	22.02	21.92	22.31	22.16	22.24	23.10
15	16QAM	75	0	22.11	21.97	22.17	22.23	22.23	23.10
15	64QAM	1	0	22.03	22.00	22.27	22.25	22.17	23.10
15	64QAM	1	37	21.91	22.03	22.25	22.16	22.27	23.10
15	64QAM	1	74	21.97	22.02	22.28	22.30	22.26	23.10
15	64QAM	36	0	20.99	20.93	21.23	21.21	21.28	22.10
15	64QAM	36	20	20.99	20.94	21.28	21.19	21.22	22.10
15	64QAM	36	39	21.08	20.96	21.23	21.20	21.22	22.10
15	64QAM	75	0	20.97	20.95	21.20	21.19	21.27	22.10
15	256QAM	1	0	19.08	18.90	19.28	19.21	19.19	20.10
15	256QAM	1	37	18.96	18.91	19.25	19.14	19.22	20.10
15	256QAM	1	74	18.95	18.94	19.22	19.20	19.26	20.10
15	256QAM	36	0	19.05	19.00	19.22	19.21	19.19	20.10
15	256QAM	36	20	19.07	18.96	19.30	19.19	19.25	20.10
15	256QAM	36	39	18.91	19.02	19.31	19.23	19.13	20.10
15	256QAM	75	0	19.09	18.89	19.25	19.22	19.36	20.10
Channel				39700	40160	40620	41080	41540	Tune-up

Frequency (MHz)				2501	2547	2593	2639	2685	limit (dBm)
10	QPSK	1	0	23.95	23.88	24.27	24.17	24.19	25.10
10	QPSK	1	25	23.86	23.88	24.13	24.17	24.15	25.10
10	QPSK	1	49	23.90	23.87	24.20	24.15	24.19	25.10
10	QPSK	25	0	22.95	23.04	23.23	23.12	23.28	24.10
10	QPSK	25	12	23.04	22.90	23.22	23.15	23.19	24.10
10	QPSK	25	25	23.05	22.92	23.35	23.14	23.34	24.10
10	QPSK	50	0	22.94	22.90	23.16	23.16	23.27	24.10
10	16QAM	1	0	23.07	22.94	23.27	23.19	23.18	24.10
10	16QAM	1	25	22.95	23.03	23.30	23.23	23.16	24.10
10	16QAM	1	49	23.03	22.99	23.25	23.23	23.27	24.10
10	16QAM	25	0	21.96	21.95	22.22	22.23	22.35	23.10
10	16QAM	25	12	22.07	21.99	22.21	22.25	22.27	23.10
10	16QAM	25	25	22.00	22.00	22.27	22.18	22.33	23.10
10	16QAM	50	0	22.13	21.89	22.28	22.16	22.35	23.10
10	64QAM	1	0	22.02	22.01	22.25	22.25	22.27	23.10
10	64QAM	1	25	21.90	21.97	22.25	22.18	22.25	23.10
10	64QAM	1	49	22.05	22.00	22.30	22.22	22.34	23.10
10	64QAM	25	0	20.98	20.87	21.28	21.09	21.31	22.10
10	64QAM	25	12	21.01	21.04	21.19	21.11	21.20	22.10
10	64QAM	25	25	20.98	20.93	21.34	21.19	21.28	22.10
10	64QAM	50	0	20.96	20.92	21.28	21.23	21.29	22.10
10	256QAM	1	0	19.06	18.91	19.30	19.16	19.14	20.10
10	256QAM	1	25	19.00	18.94	19.21	19.13	19.17	20.10
10	256QAM	1	49	19.01	18.92	19.28	19.16	19.19	20.10
10	256QAM	25	0	19.03	18.96	19.25	19.28	19.19	20.10
10	256QAM	25	12	19.04	18.90	19.26	19.11	19.30	20.10
10	256QAM	25	25	18.96	18.99	19.24	19.28	19.12	20.10
10	256QAM	50	0	18.99	18.88	19.25	19.20	19.24	20.10
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	24.02	24.00	24.23	24.19	24.27	25.10
5	QPSK	1	12	23.93	23.82	24.14	24.18	24.08	25.10
5	QPSK	1	24	23.92	23.82	24.18	24.04	24.22	25.10
5	QPSK	12	0	22.91	22.94	23.30	23.24	23.21	24.10
5	QPSK	12	7	23.02	22.91	23.19	23.14	23.28	24.10
5	QPSK	12	13	23.01	22.87	23.23	23.15	23.33	24.10
5	QPSK	25	0	22.99	22.91	23.17	23.12	23.24	24.10
5	16QAM	1	0	23.03	22.96	23.26	23.19	23.18	24.10
5	16QAM	1	12	22.90	22.97	23.27	23.15	23.15	24.10
5	16QAM	1	24	22.96	22.95	23.21	23.14	23.18	24.10
5	16QAM	12	0	21.93	21.89	22.26	22.25	22.32	23.10
5	16QAM	12	7	22.09	21.94	22.30	22.26	22.25	23.10
5	16QAM	12	13	22.02	21.91	22.20	22.25	22.30	23.10
5	16QAM	25	0	22.00	21.94	22.16	22.21	22.31	23.10
5	64QAM	1	0	22.10	22.01	22.21	22.14	22.26	23.10
5	64QAM	1	12	21.91	21.95	22.34	22.07	22.30	23.10
5	64QAM	1	24	22.05	21.95	22.28	22.28	22.28	23.10
5	64QAM	12	0	21.05	20.90	21.27	21.17	21.29	22.10
5	64QAM	12	7	20.98	21.02	21.20	21.17	21.31	22.10
5	64QAM	12	13	21.07	20.92	21.30	21.17	21.23	22.10
5	64QAM	25	0	21.04	20.92	21.31	21.25	21.24	22.10
5	256QAM	1	0	18.99	19.02	19.20	19.18	19.23	20.10
5	256QAM	1	12	18.98	18.99	19.27	19.12	19.21	20.10
5	256QAM	1	24	18.95	18.87	19.26	19.16	19.21	20.10
5	256QAM	12	0	18.92	18.95	19.19	19.30	19.27	20.10
5	256QAM	12	7	19.06	18.97	19.31	19.07	19.27	20.10
5	256QAM	12	13	18.91	18.92	19.30	19.26	19.24	20.10
5	256QAM	25	0	19.10	18.96	19.26	19.29	19.26	20.10

【LTE Band 41__FCC
(2496~2690MHz)_HPUE_Ant 8_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	27.00
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	25.91	25.79	26.19	26.01	26.18	27.00
20	QPSK	1	49	25.76	25.80	26.00	26.00	25.99	27.00
20	QPSK	1	99	25.79	25.71	26.06	25.98	26.06	27.00
20	QPSK	50	0	24.81	24.92	25.21	25.03	25.18	26.00
20	QPSK	50	24	24.94	24.81	25.14	25.05	25.15	26.00
20	QPSK	50	50	24.93	24.83	25.19	24.99	25.17	26.00
20	QPSK	100	0	24.90	24.89	25.09	25.09	25.06	26.00
20	16QAM	1	0	24.99	24.87	25.16	24.99	25.04	26.00
20	16QAM	1	49	24.83	24.89	25.19	25.03	25.11	26.00
20	16QAM	1	99	24.86	24.85	25.20	25.07	25.03	26.00
20	16QAM	50	0	23.82	23.82	24.16	24.10	24.14	25.00
20	16QAM	50	24	23.89	23.87	24.15	24.06	24.06	25.00
20	16QAM	50	50	23.89	23.85	24.09	24.06	24.15	25.00
20	16QAM	100	0	23.93	23.79	24.09	24.06	24.22	25.00
20	64QAM	1	0	23.90	23.88	24.15	24.05	24.10	25.00
20	64QAM	1	49	23.82	23.89	24.18	24.03	24.11	25.00
20	64QAM	1	99	23.89	23.82	24.14	24.18	24.20	25.00
20	64QAM	50	0	22.99	22.81	23.18	23.01	23.20	24.00
20	64QAM	50	24	22.91	22.86	23.12	23.13	23.18	24.00
20	64QAM	50	50	22.88	22.87	23.16	23.02	23.19	24.00
20	64QAM	100	0	22.87	22.77	23.15	23.16	23.16	24.00
20	256QAM	1	0	20.94	20.89	21.10	21.07	21.13	22.00
20	256QAM	1	49	20.95	20.90	21.10	21.02	21.12	22.00
20	256QAM	1	99	20.87	20.76	21.17	21.04	21.10	22.00
20	256QAM	50	0	20.91	20.83	21.09	21.18	21.13	22.00
20	256QAM	50	24	20.96	20.81	21.23	21.00	21.21	22.00
20	256QAM	50	50	20.90	20.88	21.18	21.12	21.10	22.00
20	256QAM	100	0	20.97	20.84	21.23	21.18	21.19	22.00
Channel				39725	40173	40620	41068	41515	27.00
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	25.89	25.71	26.15	25.93	26.09	27.00
15	QPSK	1	37	25.61	25.78	25.93	25.87	25.94	27.00
15	QPSK	1	74	25.76	25.64	25.93	25.97	26.05	27.00
15	QPSK	36	0	24.78	24.83	25.04	24.96	25.06	26.00
15	QPSK	36	20	24.91	24.72	25.08	25.03	25.10	26.00
15	QPSK	36	39	24.87	24.69	25.08	24.94	25.03	26.00
15	QPSK	75	0	24.84	24.79	25.01	25.05	24.91	26.00
15	16QAM	1	0	24.88	24.82	25.13	24.86	24.91	26.00
15	16QAM	1	37	24.80	24.87	25.15	24.89	25.00	26.00
15	16QAM	1	74	24.84	24.73	25.12	25.04	24.91	26.00
15	16QAM	36	0	23.74	23.71	24.12	24.04	24.03	25.00
15	16QAM	36	20	23.86	23.81	24.03	24.01	23.93	25.00
15	16QAM	36	39	23.75	23.80	24.01	24.04	24.02	25.00
15	16QAM	75	0	23.87	23.68	24.00	23.93	24.09	25.00
15	64QAM	1	0	23.80	23.86	24.04	23.90	24.03	25.00
15	64QAM	1	37	23.75	23.75	24.10	24.00	24.07	25.00
15	64QAM	1	74	23.88	23.68	24.11	24.07	24.09	25.00
15	64QAM	36	0	22.92	22.73	23.15	22.95	23.08	24.00
15	64QAM	36	20	22.83	22.76	23.04	23.06	23.08	24.00
15	64QAM	36	39	22.75	22.81	23.06	22.90	23.11	24.00
15	64QAM	75	0	22.79	22.65	23.01	23.11	23.01	24.00
15	256QAM	1	0	20.88	20.74	20.99	20.99	21.05	22.00
15	256QAM	1	37	20.85	20.80	20.95	20.90	21.02	22.00
15	256QAM	1	74	20.76	20.62	21.09	21.01	21.03	22.00
15	256QAM	36	0	20.78	20.69	21.01	21.15	20.99	22.00
15	256QAM	36	20	20.88	20.72	21.21	20.88	21.06	22.00
15	256QAM	36	39	20.77	20.79	21.11	21.08	20.98	22.00
15	256QAM	75	0	20.83	20.83	21.15	21.05	21.05	22.00
Channel				39700	40160	40620	41080	41540	27.00
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	25.82	25.65	26.15	25.95	26.06	27.00
10	QPSK	1	25	25.64	25.67	25.89	25.90	25.93	27.00
10	QPSK	1	49	25.73	25.67	26.01	25.94	25.99	27.00
10	QPSK	25	0	24.72	24.81	25.11	25.01	25.13	26.00
10	QPSK	25	12	24.87	24.72	25.13	24.99	25.05	26.00
10	QPSK	25	25	24.81	24.73	25.12	24.84	25.05	26.00

10	QPSK	50	0	24.81	24.77	24.96	25.03	25.01	26.00
10	16QAM	1	0	24.88	24.82	25.12	24.90	24.94	26.00
10	16QAM	1	25	24.68	24.84	25.07	24.92	25.05	26.00
10	16QAM	1	49	24.76	24.76	25.06	25.06	24.89	26.00
10	16QAM	25	0	23.68	23.67	24.06	24.06	24.00	25.00
10	16QAM	25	12	23.81	23.77	24.10	23.94	23.98	25.00
10	16QAM	25	25	23.74	23.81	24.01	23.92	24.07	25.00
10	16QAM	50	0	23.80	23.67	24.02	24.03	24.14	25.00
10	64QAM	1	0	23.88	23.81	24.05	23.97	23.98	25.00
10	64QAM	1	25	23.81	23.78	24.05	23.92	24.02	25.00
10	64QAM	1	49	23.87	23.74	24.09	24.10	24.10	25.00
10	64QAM	25	0	22.96	22.75	23.10	22.94	23.13	24.00
10	64QAM	25	12	22.81	22.75	23.08	23.04	23.13	24.00
10	64QAM	25	25	22.76	22.83	23.08	22.90	23.10	24.00
10	64QAM	50	0	22.80	22.74	23.08	23.02	23.03	24.00
10	256QAM	1	0	20.91	20.86	21.01	21.00	21.06	22.00
10	256QAM	1	25	20.88	20.80	21.04	20.96	20.98	22.00
10	256QAM	1	49	20.76	20.62	21.10	20.95	21.09	22.00
10	256QAM	25	0	20.80	20.75	20.95	21.03	21.03	22.00
10	256QAM	25	12	20.90	20.73	21.17	20.97	21.07	22.00
10	256QAM	25	25	20.87	20.83	21.04	21.02	21.01	22.00
10	256QAM	50	0	20.88	20.83	21.12	21.04	21.14	22.00
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	25.86	25.68	26.15	25.98	26.15	27.00
5	QPSK	1	12	25.62	25.75	25.86	25.86	25.91	27.00
5	QPSK	1	24	25.77	25.66	25.93	25.96	25.96	27.00
5	QPSK	12	0	24.80	24.83	25.04	24.99	25.15	26.00
5	QPSK	12	7	24.92	24.78	25.13	24.95	25.04	26.00
5	QPSK	12	13	24.84	24.80	25.11	24.92	25.05	26.00
5	QPSK	25	0	24.86	24.83	25.08	24.97	24.99	26.00
5	16QAM	1	0	24.95	24.84	25.12	24.84	24.94	26.00
5	16QAM	1	12	24.73	24.75	25.09	25.01	25.08	26.00
5	16QAM	1	24	24.83	24.77	25.14	25.00	25.00	26.00
5	16QAM	12	0	23.69	23.69	24.05	24.05	24.00	25.00
5	16QAM	12	7	23.78	23.76	24.11	23.99	23.94	25.00
5	16QAM	12	13	23.86	23.81	24.00	24.01	24.04	25.00
5	16QAM	25	0	23.79	23.72	23.96	23.93	24.15	25.00
5	64QAM	1	0	23.80	23.82	24.11	23.91	24.02	25.00
5	64QAM	1	12	23.70	23.81	24.16	23.98	24.05	25.00
5	64QAM	1	24	23.78	23.75	23.99	24.12	24.07	25.00
5	64QAM	12	0	22.85	22.68	23.04	22.97	23.09	24.00
5	64QAM	12	7	22.77	22.73	23.10	23.11	23.08	24.00
5	64QAM	12	13	22.74	22.81	23.07	22.88	23.18	24.00
5	64QAM	25	0	22.73	22.66	23.03	23.07	23.13	24.00
5	256QAM	1	0	20.80	20.81	21.09	21.05	21.02	22.00
5	256QAM	1	12	20.84	20.83	21.02	20.90	21.01	22.00
5	256QAM	1	24	20.83	20.63	21.11	20.94	21.05	22.00
5	256QAM	12	0	20.86	20.82	20.96	21.09	21.10	22.00
5	256QAM	12	7	20.82	20.73	21.09	20.97	21.11	22.00
5	256QAM	12	13	20.81	20.79	21.14	21.08	20.98	22.00
5	256QAM	25	0	20.86	20.79	21.13	21.11	21.17	22.00

【LTE Band 41_FCC (2496~2690MHz)_Ant

8_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	24.08	24.02	24.32	24.26	24.31	25.10
20	QPSK	1	49	23.94	23.96	24.22	24.22	24.17	25.10
20	QPSK	1	99	23.98	23.92	24.24	24.17	24.26	25.10
20	QPSK	50	0	23.05	23.08	23.37	23.25	23.35	24.10
20	QPSK	50	24	23.12	22.98	23.29	23.27	23.33	24.10
20	QPSK	50	50	23.08	23.01	23.32	23.22	23.36	24.10
20	QPSK	100	0	23.04	23.03	23.31	23.26	23.30	24.10
20	16QAM	1	0	23.13	23.00	23.39	23.23	23.27	24.10
20	16QAM	1	49	23.04	23.05	23.38	23.28	23.26	24.10
20	16QAM	1	99	23.10	23.00	23.34	23.24	23.28	24.10
20	16QAM	50	0	22.03	22.01	22.31	22.30	22.37	23.10
20	16QAM	50	24	22.13	22.03	22.33	22.30	22.28	23.10

20	16QAM	50	50	22.04	22.02	22.34	22.27	22.36	23.10
20	16QAM	100	0	22.14	22.02	22.31	22.26	22.37	23.10
20	64QAM	1	0	22.13	22.05	22.32	22.27	22.31	23.10
20	64QAM	1	49	22.04	22.05	22.37	22.22	22.33	23.10
20	64QAM	1	99	22.07	22.07	22.33	22.32	22.36	23.10
20	64QAM	50	0	21.13	21.00	21.34	21.23	21.37	22.10
20	64QAM	50	24	21.11	21.06	21.31	21.26	21.35	22.10
20	64QAM	50	50	21.10	21.01	21.37	21.26	21.34	22.10
20	64QAM	100	0	21.07	20.98	21.34	21.31	21.37	22.10
20	256QAM	1	0	19.13	19.04	19.34	19.22	19.28	20.10
20	256QAM	1	49	19.08	19.06	19.29	19.25	19.27	20.10
20	256QAM	1	99	19.07	18.99	19.31	19.27	19.32	20.10
20	256QAM	50	0	19.07	19.07	19.27	19.33	19.30	20.10
20	256QAM	50	24	19.11	18.99	19.38	19.21	19.37	20.10
20	256QAM	50	50	19.06	19.05	19.34	19.31	19.26	20.10
20	256QAM	100	0	19.13	18.98	19.37	19.33	19.37	20.10
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	24.02	23.88	24.27	24.12	24.21	25.10
15	QPSK	1	37	23.86	23.88	24.16	24.18	24.14	25.10
15	QPSK	1	74	23.94	23.83	24.18	24.03	24.15	25.10
15	QPSK	36	0	22.90	22.95	23.35	23.17	23.24	24.10
15	QPSK	36	20	23.10	22.96	23.15	23.23	23.31	24.10
15	QPSK	36	39	22.94	22.99	23.25	23.19	23.27	24.10
15	QPSK	75	0	22.90	22.91	23.27	23.15	23.32	24.10
15	16QAM	1	0	23.12	22.95	23.31	23.18	23.17	24.10
15	16QAM	1	37	22.96	22.97	23.27	23.17	23.17	24.10
15	16QAM	1	74	23.00	22.88	23.31	23.12	23.18	24.10
15	16QAM	36	0	21.97	21.98	22.22	22.20	22.33	23.10
15	16QAM	36	20	22.02	22.02	22.23	22.16	22.16	23.10
15	16QAM	36	39	22.02	21.92	22.31	22.16	22.24	23.10
15	16QAM	75	0	22.11	21.97	22.17	22.23	22.23	23.10
15	64QAM	1	0	22.03	22.00	22.27	22.25	22.17	23.10
15	64QAM	1	37	21.91	22.03	22.25	22.16	22.27	23.10
15	64QAM	1	74	21.97	22.02	22.28	22.30	22.26	23.10
15	64QAM	36	0	20.99	20.93	21.23	21.21	21.28	22.10
15	64QAM	36	20	20.99	20.94	21.28	21.19	21.22	22.10
15	64QAM	36	39	21.08	20.96	21.23	21.20	21.22	22.10
15	64QAM	75	0	20.97	20.95	21.20	21.19	21.27	22.10
15	256QAM	1	0	19.08	18.90	19.28	19.21	19.19	20.10
15	256QAM	1	37	18.96	18.91	19.25	19.14	19.22	20.10
15	256QAM	1	74	18.95	18.94	19.22	19.20	19.26	20.10
15	256QAM	36	0	19.05	19.00	19.22	19.21	19.19	20.10
15	256QAM	36	20	19.07	18.96	19.30	19.19	19.25	20.10
15	256QAM	36	39	18.91	19.02	19.31	19.23	19.13	20.10
15	256QAM	75	0	19.09	18.89	19.25	19.22	19.36	20.10
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	23.95	23.88	24.27	24.17	24.19	25.10
10	QPSK	1	25	23.86	23.88	24.13	24.17	24.15	25.10
10	QPSK	1	49	23.90	23.87	24.20	24.15	24.19	25.10
10	QPSK	25	0	22.95	23.04	23.23	23.12	23.28	24.10
10	QPSK	25	12	23.04	22.90	23.22	23.15	23.19	24.10
10	QPSK	25	25	23.05	22.92	23.35	23.14	23.34	24.10
10	QPSK	50	0	22.94	22.90	23.16	23.16	23.27	24.10
10	16QAM	1	0	23.07	22.94	23.27	23.19	23.18	24.10
10	16QAM	1	25	22.95	23.03	23.30	23.23	23.16	24.10
10	16QAM	1	49	23.03	22.99	23.25	23.23	23.27	24.10
10	16QAM	25	0	21.96	21.95	22.22	22.23	22.35	23.10
10	16QAM	25	12	22.07	21.99	22.21	22.25	22.27	23.10
10	16QAM	25	25	22.00	22.00	22.27	22.18	22.33	23.10
10	16QAM	50	0	22.13	21.89	22.28	22.16	22.35	23.10
10	64QAM	1	0	22.02	22.01	22.25	22.25	22.27	23.10
10	64QAM	1	25	21.90	21.97	22.25	22.18	22.25	23.10
10	64QAM	1	49	22.05	22.00	22.30	22.22	22.34	23.10
10	64QAM	25	0	20.98	20.87	21.28	21.09	21.31	22.10
10	64QAM	25	12	21.01	21.04	21.19	21.11	21.20	22.10
10	64QAM	25	25	20.98	20.93	21.34	21.19	21.28	22.10
10	64QAM	50	0	20.96	20.92	21.28	21.23	21.29	22.10
10	256QAM	1	0	19.06	18.91	19.30	19.16	19.14	20.10
10	256QAM	1	25	19.00	18.94	19.21	19.13	19.17	20.10
10	256QAM	1	49	19.01	18.92	19.28	19.16	19.19	20.10
10	256QAM	25	0	19.03	18.96	19.25	19.28	19.19	20.10
10	256QAM	25	12	19.04	18.90	19.26	19.11	19.30	20.10
10	256QAM	25	25	18.96	18.99	19.24	19.28	19.12	20.10
10	256QAM	50	0	18.99	18.88	19.25	19.20	19.24	20.10

Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	24.02	24.00	24.23	24.19	24.27	25.10
5	QPSK	1	12	23.93	23.82	24.14	24.18	24.08	25.10
5	QPSK	1	24	23.92	23.82	24.18	24.04	24.22	25.10
5	QPSK	12	0	22.91	22.94	23.30	23.24	23.21	24.10
5	QPSK	12	7	23.02	22.91	23.19	23.14	23.28	24.10
5	QPSK	12	13	23.01	22.87	23.23	23.15	23.33	24.10
5	QPSK	25	0	22.99	22.91	23.17	23.12	23.24	24.10
5	16QAM	1	0	23.03	22.96	23.26	23.19	23.18	24.10
5	16QAM	1	12	22.90	22.97	23.27	23.15	23.15	24.10
5	16QAM	1	24	22.96	22.95	23.21	23.14	23.18	24.10
5	16QAM	12	0	21.93	21.89	22.26	22.25	22.32	23.10
5	16QAM	12	7	22.09	21.94	22.30	22.26	22.25	23.10
5	16QAM	12	13	22.02	21.91	22.20	22.25	22.30	23.10
5	16QAM	25	0	22.00	21.94	22.16	22.21	22.31	23.10
5	64QAM	1	0	22.10	22.01	22.21	22.14	22.26	23.10
5	64QAM	1	12	21.91	21.95	22.34	22.07	22.30	23.10
5	64QAM	1	24	22.05	21.95	22.28	22.28	22.28	23.10
5	64QAM	12	0	21.05	20.90	21.27	21.17	21.29	22.10
5	64QAM	12	7	20.98	21.02	21.20	21.17	21.31	22.10
5	64QAM	12	13	21.07	20.92	21.30	21.17	21.23	22.10
5	64QAM	25	0	21.04	20.92	21.31	21.25	21.24	22.10
5	256QAM	1	0	18.99	19.02	19.20	19.18	19.23	20.10
5	256QAM	1	12	18.98	18.99	19.27	19.12	19.21	20.10
5	256QAM	1	24	18.95	18.87	19.26	19.16	19.21	20.10
5	256QAM	12	0	18.92	18.95	19.19	19.30	19.27	20.10
5	256QAM	12	7	19.06	18.97	19.31	19.07	19.27	20.10
5	256QAM	12	13	18.91	18.92	19.30	19.26	19.24	20.10
5	256QAM	25	0	19.10	18.96	19.26	19.29	19.26	20.10

【LTE Band 41__FCC (2496~2690MHz)_Ant

8_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	16.07	16.05	16.35	16.20	16.26	17.10
20	QPSK	1	49	16.03	15.98	16.03	16.04	16.02	17.10
20	QPSK	1	99	16.02	15.92	16.02	16.03	16.01	17.10
20	QPSK	50	0	16.06	16.04	16.34	16.25	16.22	17.10
20	QPSK	50	24	16.01	15.96	16.01	16.01	16.02	17.10
20	QPSK	50	50	15.96	15.96	16.02	16.03	16.01	17.10
20	QPSK	100	0	16.00	15.90	16.23	16.21	16.25	17.10
20	16QAM	1	0	16.07	15.98	16.31	16.19	16.26	17.10
20	16QAM	1	49	15.99	15.94	16.30	16.20	16.23	17.10
20	16QAM	1	99	15.98	15.96	16.30	16.14	16.27	17.10
20	16QAM	50	0	16.05	15.96	16.31	16.18	16.26	17.10
20	16QAM	50	24	16.07	15.97	16.26	16.23	16.22	17.10
20	16QAM	50	50	16.06	15.99	16.32	16.15	16.27	17.10
20	16QAM	100	0	16.06	15.90	16.31	16.21	16.19	17.10
20	64QAM	1	0	16.00	15.95	16.26	16.25	16.28	17.10
20	64QAM	1	49	16.06	16.00	16.29	16.25	16.24	17.10
20	64QAM	1	99	16.02	15.91	16.22	16.26	16.22	17.10
20	64QAM	50	0	16.02	16.00	16.25	16.20	16.30	17.10
20	64QAM	50	24	16.06	15.98	16.26	16.26	16.20	17.10
20	64QAM	50	50	16.06	15.96	16.26	16.17	16.22	17.10
20	64QAM	100	0	16.08	15.97	16.25	16.23	16.24	17.10
20	256QAM	1	0	15.99	16.01	16.29	16.26	16.23	17.10
20	256QAM	1	49	16.02	15.95	16.27	16.19	16.23	17.10
20	256QAM	1	99	15.97	16.00	16.25	16.20	16.22	17.10
20	256QAM	50	0	15.99	16.00	16.25	16.24	16.25	17.10
20	256QAM	50	24	16.04	15.98	16.21	16.22	16.25	17.10
20	256QAM	50	50	16.03	15.97	16.23	16.17	16.31	17.10
20	256QAM	100	0	16.07	15.91	16.25	16.20	16.26	17.10
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	16.01	15.77	16.22	16.12	16.12	17.10
15	QPSK	1	37	16.00	15.86	16.12	16.18	16.11	17.10
15	QPSK	1	74	15.93	15.81	16.24	16.12	16.17	17.10

15	QPSK	36	0	16.00	15.86	16.22	16.24	16.18	17.10
15	QPSK	36	20	15.89	15.85	16.24	16.07	16.14	17.10
15	QPSK	36	39	15.94	15.92	16.07	16.09	16.20	17.10
15	QPSK	75	0	15.89	15.84	16.11	16.06	16.21	17.10
15	16QAM	1	0	15.95	15.93	16.21	16.06	16.15	17.10
15	16QAM	1	37	15.98	15.93	16.19	16.09	16.13	17.10
15	16QAM	1	74	15.94	15.88	16.19	16.02	16.20	17.10
15	16QAM	36	0	15.99	15.82	16.27	16.11	16.24	17.10
15	16QAM	36	20	16.00	15.88	16.24	16.11	16.12	17.10
15	16QAM	36	39	15.95	15.91	16.29	16.10	16.15	17.10
15	16QAM	75	0	15.96	15.77	16.19	16.07	16.06	17.10
15	64QAM	1	0	15.97	15.87	16.19	16.12	16.21	17.10
15	64QAM	1	37	15.91	15.90	16.27	16.19	16.10	17.10
15	64QAM	1	74	15.96	15.85	16.11	16.24	16.10	17.10
15	64QAM	36	0	16.00	15.87	16.20	16.16	16.23	17.10
15	64QAM	36	20	15.99	15.85	16.23	16.23	16.13	17.10
15	64QAM	36	39	15.91	15.93	16.18	16.05	16.20	17.10
15	64QAM	75	0	16.04	15.84	16.23	16.20	16.23	17.10
15	256QAM	1	0	15.90	15.94	16.27	16.18	16.13	17.10
15	256QAM	1	37	15.90	15.86	16.21	16.13	16.20	17.10
15	256QAM	1	74	15.84	15.92	16.20	16.16	16.12	17.10
15	256QAM	36	0	15.85	15.87	16.17	16.18	16.18	17.10
15	256QAM	36	20	15.93	15.86	16.14	16.13	16.21	17.10
15	256QAM	36	39	15.90	15.95	16.19	16.14	16.17	17.10
15	256QAM	75	0	16.00	15.90	16.13	16.14	16.14	17.10
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	15.93	15.78	16.32	16.11	16.25	17.10
10	QPSK	1	25	15.97	15.94	16.17	16.10	16.21	17.10
10	QPSK	1	49	16.00	15.84	16.17	16.14	16.27	17.10
10	QPSK	25	0	15.94	15.82	16.19	16.20	16.08	17.10
10	QPSK	25	12	15.96	15.89	16.22	16.08	16.21	17.10
10	QPSK	25	25	15.88	15.86	16.07	16.09	16.11	17.10
10	QPSK	50	0	15.94	15.80	16.18	16.20	16.24	17.10
10	16QAM	1	0	15.96	15.97	16.26	16.05	16.21	17.10
10	16QAM	1	25	15.93	15.92	16.24	16.08	16.13	17.10
10	16QAM	1	49	15.89	15.83	16.20	16.09	16.16	17.10
10	16QAM	25	0	15.93	15.84	16.30	16.08	16.15	17.10
10	16QAM	25	12	15.95	15.90	16.24	16.10	16.14	17.10
10	16QAM	25	25	15.96	15.93	16.26	16.13	16.21	17.10
10	16QAM	50	0	15.98	15.88	16.19	16.18	16.17	17.10
10	64QAM	1	0	15.96	15.81	16.11	16.19	16.16	17.10
10	64QAM	1	25	15.92	15.94	16.22	16.18	16.17	17.10
10	64QAM	1	49	15.88	15.79	16.17	16.13	16.15	17.10
10	64QAM	25	0	16.00	15.92	16.13	16.18	16.28	17.10
10	64QAM	25	12	16.03	15.85	16.24	16.25	16.13	17.10
10	64QAM	25	25	16.04	15.87	16.18	16.11	16.18	17.10
10	64QAM	50	0	16.03	15.84	16.15	16.20	16.16	17.10
10	256QAM	1	0	15.95	15.92	16.16	16.13	16.13	17.10
10	256QAM	1	25	16.00	15.92	16.24	16.15	16.15	17.10
10	256QAM	1	49	15.88	15.93	16.15	16.08	16.16	17.10
10	256QAM	25	0	15.95	15.93	16.20	16.18	16.18	17.10
10	256QAM	25	12	16.02	15.83	16.17	16.14	16.11	17.10
10	256QAM	25	25	16.00	15.89	16.22	16.07	16.21	17.10
10	256QAM	50	0	16.00	15.89	16.15	16.07	16.15	17.10
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	15.96	15.87	16.27	16.06	16.19	17.10
5	QPSK	1	12	15.90	15.83	16.19	16.19	16.15	17.10
5	QPSK	1	24	15.93	15.80	16.22	16.06	16.20	17.10
5	QPSK	12	0	15.91	15.83	16.15	16.21	16.18	17.10
5	QPSK	12	7	15.90	15.81	16.27	16.06	16.21	17.10
5	QPSK	12	13	15.90	15.87	16.06	16.07	16.22	17.10
5	QPSK	25	0	15.85	15.81	16.09	16.09	16.17	17.10
5	16QAM	1	0	16.05	15.95	16.25	16.15	16.13	17.10
5	16QAM	1	12	15.94	15.91	16.28	16.10	16.12	17.10
5	16QAM	1	24	15.86	15.85	16.18	16.05	16.21	17.10
5	16QAM	12	0	16.02	15.94	16.21	16.13	16.23	17.10
5	16QAM	12	7	16.01	15.84	16.17	16.17	16.20	17.10
5	16QAM	12	13	15.93	15.95	16.23	16.07	16.20	17.10
5	16QAM	25	0	16.04	15.82	16.27	16.15	16.07	17.10
5	64QAM	1	0	15.94	15.85	16.15	16.22	16.22	17.10
5	64QAM	1	12	15.95	15.86	16.26	16.21	16.15	17.10
5	64QAM	1	24	15.89	15.76	16.17	16.14	16.21	17.10
5	64QAM	12	0	15.88	15.95	16.21	16.09	16.25	17.10
5	64QAM	12	7	15.99	15.94	16.24	16.20	16.18	17.10

5	64QAM	12	13	16.03	15.83	16.24	16.15	16.20	17.10
5	64QAM	25	0	16.06	15.85	16.18	16.17	16.14	17.10
5	256QAM	1	0	15.94	15.93	16.22	16.11	16.10	17.10
5	256QAM	1	12	15.90	15.92	16.23	16.12	16.16	17.10
5	256QAM	1	24	15.92	15.89	16.13	16.08	16.08	17.10
5	256QAM	12	0	15.92	15.97	16.22	16.22	16.16	17.10
5	256QAM	12	7	15.98	15.89	16.18	16.07	16.13	17.10
5	256QAM	12	13	15.94	15.83	16.17	16.12	16.28	17.10
5	256QAM	25	0	16.05	15.89	16.18	16.16	16.23	17.10

【LTE Band 41_FCC

(2496~2690MHz)_HPUE_Ant 8_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	Tune-up limit (dBm)
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	25.91	25.79	26.19	26.01	26.18	27.00
20	QPSK	1	49	25.76	25.80	26.00	26.00	25.99	27.00
20	QPSK	1	99	25.79	25.71	26.06	25.98	26.06	27.00
20	QPSK	50	0	24.81	24.92	25.21	25.03	25.18	26.00
20	QPSK	50	24	24.94	24.81	25.14	25.05	25.15	26.00
20	QPSK	50	50	24.93	24.83	25.19	24.99	25.17	26.00
20	QPSK	100	0	24.90	24.89	25.09	25.09	25.06	26.00
20	16QAM	1	0	24.99	24.87	25.16	24.99	25.04	26.00
20	16QAM	1	49	24.83	24.89	25.19	25.03	25.11	26.00
20	16QAM	1	99	24.86	24.85	25.20	25.07	25.03	26.00
20	16QAM	50	0	23.82	23.82	24.16	24.10	24.14	25.00
20	16QAM	50	24	23.89	23.87	24.15	24.06	24.06	25.00
20	16QAM	50	50	23.89	23.85	24.09	24.06	24.15	25.00
20	16QAM	100	0	23.93	23.79	24.09	24.06	24.22	25.00
20	64QAM	1	0	23.90	23.88	24.15	24.05	24.10	25.00
20	64QAM	1	49	23.82	23.89	24.18	24.03	24.11	25.00
20	64QAM	1	99	23.89	23.82	24.14	24.18	24.20	25.00
20	64QAM	50	0	22.99	22.81	23.18	23.01	23.20	24.00
20	64QAM	50	24	22.91	22.86	23.12	23.13	23.18	24.00
20	64QAM	50	50	22.88	22.87	23.16	23.02	23.19	24.00
20	64QAM	100	0	22.87	22.77	23.15	23.16	23.16	24.00
20	256QAM	1	0	20.94	20.89	21.10	21.07	21.13	22.00
20	256QAM	1	49	20.95	20.90	21.10	21.02	21.12	22.00
20	256QAM	1	99	20.87	20.76	21.17	21.04	21.10	22.00
20	256QAM	50	0	20.91	20.83	21.09	21.18	21.13	22.00
20	256QAM	50	24	20.96	20.81	21.23	21.00	21.21	22.00
20	256QAM	50	50	20.90	20.88	21.18	21.12	21.10	22.00
20	256QAM	100	0	20.97	20.84	21.23	21.18	21.19	22.00
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	25.89	25.71	26.15	25.93	26.09	27.00
15	QPSK	1	37	25.61	25.78	25.93	25.87	25.94	27.00
15	QPSK	1	74	25.76	25.64	25.93	25.97	26.05	27.00
15	QPSK	36	0	24.78	24.83	25.04	24.96	25.06	26.00
15	QPSK	36	20	24.91	24.72	25.08	25.03	25.10	26.00
15	QPSK	36	39	24.87	24.69	25.08	24.94	25.03	26.00
15	QPSK	75	0	24.84	24.79	25.01	25.05	24.91	26.00
15	16QAM	1	0	24.88	24.82	25.13	24.86	24.91	26.00
15	16QAM	1	37	24.80	24.87	25.15	24.89	25.00	26.00
15	16QAM	1	74	24.84	24.73	25.12	25.04	24.91	26.00
15	16QAM	36	0	23.74	23.71	24.12	24.04	24.03	25.00
15	16QAM	36	20	23.86	23.81	24.03	24.01	23.93	25.00
15	16QAM	36	39	23.75	23.80	24.01	24.04	24.02	25.00
15	16QAM	75	0	23.87	23.68	24.00	23.93	24.09	25.00
15	64QAM	1	0	23.80	23.86	24.04	23.90	24.03	25.00
15	64QAM	1	37	23.75	23.75	24.10	24.00	24.07	25.00
15	64QAM	1	74	23.88	23.68	24.11	24.07	24.09	25.00
15	64QAM	36	0	22.92	22.73	23.15	22.95	23.08	24.00
15	64QAM	36	20	22.83	22.76	23.04	23.06	23.08	24.00
15	64QAM	36	39	22.75	22.81	23.06	22.90	23.11	24.00
15	64QAM	75	0	22.79	22.65	23.01	23.11	23.01	24.00
15	256QAM	1	0	20.88	20.74	20.99	20.99	21.05	22.00
15	256QAM	1	37	20.85	20.80	20.95	20.90	21.02	22.00
15	256QAM	1	74	20.76	20.62	21.09	21.01	21.03	22.00
15	256QAM	36	0	20.78	20.69	21.01	21.15	20.99	22.00

15	256QAM	36	20	20.88	20.72	21.21	20.88	21.06	22.00
15	256QAM	36	39	20.77	20.79	21.11	21.08	20.98	22.00
15	256QAM	75	0	20.83	20.83	21.15	21.05	21.05	22.00
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	25.82	25.65	26.15	25.95	26.06	27.00
10	QPSK	1	25	25.64	25.67	25.89	25.90	25.93	27.00
10	QPSK	1	49	25.73	25.67	26.01	25.94	25.99	27.00
10	QPSK	25	0	24.72	24.81	25.11	25.01	25.13	26.00
10	QPSK	25	12	24.87	24.72	25.13	24.99	25.05	26.00
10	QPSK	25	25	24.81	24.73	25.12	24.84	25.05	26.00
10	QPSK	50	0	24.81	24.77	24.96	25.03	25.01	26.00
10	16QAM	1	0	24.88	24.82	25.12	24.90	24.94	26.00
10	16QAM	1	25	24.68	24.84	25.07	24.92	25.05	26.00
10	16QAM	1	49	24.76	24.76	25.06	25.06	24.89	26.00
10	16QAM	25	0	23.68	23.67	24.06	24.06	24.00	25.00
10	16QAM	25	12	23.81	23.77	24.10	23.94	23.98	25.00
10	16QAM	25	25	23.74	23.81	24.01	23.92	24.07	25.00
10	16QAM	50	0	23.80	23.67	24.02	24.03	24.14	25.00
10	64QAM	1	0	23.88	23.81	24.05	23.97	23.98	25.00
10	64QAM	1	25	23.81	23.78	24.05	23.92	24.02	25.00
10	64QAM	1	49	23.87	23.74	24.09	24.10	24.10	25.00
10	64QAM	25	0	22.96	22.75	23.10	22.94	23.13	24.00
10	64QAM	25	12	22.81	22.75	23.08	23.04	23.13	24.00
10	64QAM	25	25	22.76	22.83	23.08	22.90	23.10	24.00
10	64QAM	50	0	22.80	22.74	23.08	23.02	23.03	24.00
10	256QAM	1	0	20.91	20.86	21.01	21.00	21.06	22.00
10	256QAM	1	25	20.88	20.80	21.04	20.96	20.98	22.00
10	256QAM	1	49	20.76	20.62	21.10	20.95	21.09	22.00
10	256QAM	25	0	20.80	20.75	20.95	21.03	21.03	22.00
10	256QAM	25	12	20.90	20.73	21.17	20.97	21.07	22.00
10	256QAM	25	25	20.87	20.83	21.04	21.02	21.01	22.00
10	256QAM	50	0	20.88	20.83	21.12	21.04	21.14	22.00
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	25.86	25.68	26.15	25.98	26.15	27.00
5	QPSK	1	12	25.62	25.75	25.86	25.86	25.91	27.00
5	QPSK	1	24	25.77	25.66	25.93	25.96	25.96	27.00
5	QPSK	12	0	24.80	24.83	25.04	24.99	25.15	26.00
5	QPSK	12	7	24.92	24.78	25.13	24.95	25.04	26.00
5	QPSK	12	13	24.84	24.80	25.11	24.92	25.05	26.00
5	QPSK	25	0	24.86	24.83	25.08	24.97	24.99	26.00
5	16QAM	1	0	24.95	24.84	25.12	24.84	24.94	26.00
5	16QAM	1	12	24.73	24.75	25.09	25.01	25.08	26.00
5	16QAM	1	24	24.83	24.77	25.14	25.00	25.00	26.00
5	16QAM	12	0	23.69	23.69	24.05	24.05	24.00	25.00
5	16QAM	12	7	23.78	23.76	24.11	23.99	23.94	25.00
5	16QAM	12	13	23.86	23.81	24.00	24.01	24.04	25.00
5	16QAM	25	0	23.79	23.72	23.96	23.93	24.15	25.00
5	64QAM	1	0	23.80	23.82	24.11	23.91	24.02	25.00
5	64QAM	1	12	23.70	23.81	24.16	23.98	24.05	25.00
5	64QAM	1	24	23.78	23.75	23.99	24.12	24.07	25.00
5	64QAM	12	0	22.85	22.68	23.04	22.97	23.09	24.00
5	64QAM	12	7	22.77	22.73	23.10	23.11	23.08	24.00
5	64QAM	12	13	22.74	22.81	23.07	22.88	23.18	24.00
5	64QAM	25	0	22.73	22.66	23.03	23.07	23.13	24.00
5	256QAM	1	0	20.80	20.81	21.09	21.05	21.02	22.00
5	256QAM	1	12	20.84	20.83	21.02	20.90	21.01	22.00
5	256QAM	1	24	20.83	20.63	21.11	20.94	21.05	22.00
5	256QAM	12	0	20.86	20.82	20.96	21.09	21.10	22.00
5	256QAM	12	7	20.82	20.73	21.09	20.97	21.11	22.00
5	256QAM	12	13	20.81	20.79	21.14	21.08	20.98	22.00
5	256QAM	25	0	20.86	20.79	21.13	21.11	21.17	22.00

【LTE Band 41__FCC
(2496~2690MHz)_HPUE_Ant 8_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	18.70
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	17.75	17.79	18.23	18.00	18.10	18.70
20	QPSK	1	49	17.80	17.85	18.06	17.96	18.04	18.70
20	QPSK	1	99	17.85	17.75	18.12	18.01	18.13	18.70
20	QPSK	50	0	17.80	17.85	18.16	18.04	18.14	18.70
20	QPSK	50	24	17.83	17.83	18.14	18.02	18.12	18.70
20	QPSK	50	50	17.82	17.74	18.13	17.99	18.14	18.70
20	QPSK	100	0	17.83	17.85	18.10	18.02	18.10	18.70
20	16QAM	1	0	17.75	17.83	18.11	18.01	18.07	18.70
20	16QAM	1	49	17.85	17.85	18.12	18.01	18.03	18.70
20	16QAM	1	99	17.74	17.74	18.06	18.03	18.09	18.70
20	16QAM	50	0	17.83	17.77	18.13	17.98	18.12	18.70
20	16QAM	50	24	17.83	17.81	18.11	18.00	18.06	18.70
20	16QAM	50	50	17.75	17.75	18.08	18.03	18.03	18.70
20	16QAM	100	0	17.76	17.78	18.17	17.96	18.09	18.70
20	64QAM	1	0	17.81	17.85	18.09	18.00	18.05	18.70
20	64QAM	1	49	17.78	17.81	18.05	17.98	18.14	18.70
20	64QAM	1	99	17.85	17.76	18.14	18.03	18.13	18.70
20	64QAM	50	0	17.76	17.80	18.09	18.05	18.05	18.70
20	64QAM	50	24	17.81	17.84	18.13	17.99	18.05	18.70
20	64QAM	50	50	17.83	17.80	18.08	18.01	18.04	18.70
20	64QAM	100	0	17.83	17.78	18.15	18.07	18.05	18.70
20	256QAM	1	0	17.81	17.76	18.14	18.02	18.03	18.70
20	256QAM	1	49	17.80	17.78	18.08	17.99	18.11	18.70
20	256QAM	1	99	17.80	17.85	18.17	17.97	18.04	18.70
20	256QAM	50	0	17.80	17.82	18.06	18.00	18.03	18.70
20	256QAM	50	24	17.79	17.78	18.15	17.98	18.13	18.70
20	256QAM	50	50	17.79	17.84	18.16	17.98	18.02	18.70
20	256QAM	100	0	17.76	17.76	18.07	18.02	18.09	18.70
Channel				39725	40173	40620	41068	41515	18.70
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	17.67	17.72	18.19	17.97	18.08	18.70
15	QPSK	1	37	17.73	17.77	18.00	17.86	17.91	18.70
15	QPSK	1	74	17.71	17.61	18.02	17.97	18.11	18.70
15	QPSK	36	0	17.74	17.78	18.02	18.01	18.09	18.70
15	QPSK	36	20	17.76	17.75	18.11	18.00	18.10	18.70
15	QPSK	36	39	17.74	17.69	18.11	17.86	18.03	18.70
15	QPSK	75	0	17.75	17.74	18.02	17.93	17.99	18.70
15	16QAM	1	0	17.66	17.69	17.98	17.93	18.00	18.70
15	16QAM	1	37	17.70	17.72	18.08	17.91	18.01	18.70
15	16QAM	1	74	17.69	17.71	18.04	17.99	18.06	18.70
15	16QAM	36	0	17.76	17.73	18.05	17.84	18.10	18.70
15	16QAM	36	20	17.69	17.77	18.08	17.98	17.99	18.70
15	16QAM	36	39	17.68	17.66	18.04	18.00	17.92	18.70
15	16QAM	75	0	17.73	17.71	18.12	17.89	18.05	18.70
15	64QAM	1	0	17.77	17.79	18.06	17.93	17.94	18.70
15	64QAM	1	37	17.65	17.68	17.97	17.93	18.01	18.70
15	64QAM	1	74	17.79	17.75	18.12	17.97	18.01	18.70
15	64QAM	36	0	17.75	17.78	18.05	17.98	17.97	18.70
15	64QAM	36	20	17.78	17.74	18.09	17.89	18.02	18.70
15	64QAM	36	39	17.79	17.68	17.98	17.86	17.98	18.70
15	64QAM	75	0	17.76	17.64	18.08	18.02	17.96	18.70
15	256QAM	1	0	17.75	17.71	18.11	17.95	17.90	18.70
15	256QAM	1	37	17.73	17.76	18.07	17.97	18.01	18.70
15	256QAM	1	74	17.71	17.75	18.04	17.93	17.98	18.70
15	256QAM	36	0	17.68	17.79	17.91	17.88	17.91	18.70
15	256QAM	36	20	17.75	17.64	18.13	17.90	18.00	18.70
15	256QAM	36	39	17.77	17.79	18.08	17.86	17.96	18.70
15	256QAM	75	0	17.72	17.65	18.01	17.87	18.04	18.70
Channel				39700	40160	40620	41080	41540	18.70
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	17.64	17.76	18.15	17.93	18.04	18.70
10	QPSK	1	25	17.67	17.71	17.91	17.90	17.98	18.70
10	QPSK	1	49	17.70	17.72	17.99	17.91	18.05	18.70
10	QPSK	25	0	17.66	17.76	18.03	18.01	18.11	18.70
10	QPSK	25	12	17.71	17.70	18.05	17.88	18.05	18.70
10	QPSK	25	25	17.79	17.72	18.05	17.95	18.03	18.70

10	QPSK	50	0	17.68	17.80	18.01	17.88	18.00	18.70
10	16QAM	1	0	17.63	17.71	17.99	17.96	17.93	18.70
10	16QAM	1	25	17.71	17.81	17.99	17.91	17.94	18.70
10	16QAM	1	49	17.70	17.60	17.96	18.00	18.04	18.70
10	16QAM	25	0	17.68	17.75	18.03	17.94	18.04	18.70
10	16QAM	25	12	17.71	17.72	18.08	17.89	17.92	18.70
10	16QAM	25	25	17.68	17.69	18.06	17.98	17.90	18.70
10	16QAM	50	0	17.69	17.73	18.06	17.85	18.07	18.70
10	64QAM	1	0	17.76	17.77	18.02	17.91	17.94	18.70
10	64QAM	1	25	17.68	17.79	18.01	17.89	18.13	18.70
10	64QAM	1	49	17.76	17.74	18.04	18.01	17.98	18.70
10	64QAM	25	0	17.65	17.77	18.02	18.03	18.01	18.70
10	64QAM	25	12	17.68	17.79	18.04	17.94	17.96	18.70
10	64QAM	25	25	17.72	17.79	18.04	17.93	17.93	18.70
10	64QAM	50	0	17.80	17.73	18.07	17.96	17.94	18.70
10	256QAM	1	0	17.69	17.68	17.99	18.00	17.96	18.70
10	256QAM	1	25	17.72	17.71	17.97	17.97	17.98	18.70
10	256QAM	1	49	17.67	17.80	18.10	17.89	17.98	18.70
10	256QAM	25	0	17.77	17.75	17.93	17.94	17.89	18.70
10	256QAM	25	12	17.69	17.63	18.06	17.96	18.06	18.70
10	256QAM	25	25	17.67	17.77	18.06	17.94	17.97	18.70
10	256QAM	50	0	17.70	17.70	17.96	18.00	18.03	18.70
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	17.63	17.76	18.21	17.95	17.98	18.70
5	QPSK	1	12	17.79	17.74	18.03	17.89	17.90	18.70
5	QPSK	1	24	17.73	17.71	17.99	17.88	17.99	18.70
5	QPSK	12	0	17.70	17.82	18.14	17.98	18.03	18.70
5	QPSK	12	7	17.81	17.69	18.06	18.00	18.05	18.70
5	QPSK	12	13	17.70	17.71	18.06	17.86	18.04	18.70
5	QPSK	25	0	17.77	17.81	18.06	17.94	18.04	18.70
5	16QAM	1	0	17.68	17.76	18.06	17.90	17.93	18.70
5	16QAM	1	12	17.78	17.73	18.02	17.91	17.92	18.70
5	16QAM	1	24	17.65	17.69	17.99	17.99	18.05	18.70
5	16QAM	12	0	17.72	17.68	17.99	17.87	18.02	18.70
5	16QAM	12	7	17.75	17.76	18.00	17.86	17.98	18.70
5	16QAM	12	13	17.65	17.63	18.05	17.91	17.90	18.70
5	16QAM	25	0	17.67	17.71	18.15	17.89	17.96	18.70
5	64QAM	1	0	17.73	17.71	18.02	17.86	17.93	18.70
5	64QAM	1	12	17.69	17.68	17.91	17.86	18.05	18.70
5	64QAM	1	24	17.76	17.71	18.07	18.01	18.05	18.70
5	64QAM	12	0	17.73	17.76	18.04	17.95	18.03	18.70
5	64QAM	12	7	17.72	17.76	18.01	17.94	17.99	18.70
5	64QAM	12	13	17.75	17.76	17.98	17.94	17.89	18.70
5	64QAM	25	0	17.73	17.73	18.08	17.99	17.93	18.70
5	256QAM	1	0	17.70	17.70	18.12	17.98	17.95	18.70
5	256QAM	1	12	17.70	17.69	18.01	17.84	18.05	18.70
5	256QAM	1	24	17.68	17.84	18.06	17.86	18.02	18.70
5	256QAM	12	0	17.72	17.75	18.02	17.87	17.92	18.70
5	256QAM	12	7	17.66	17.63	18.08	17.87	18.01	18.70
5	256QAM	12	13	17.71	17.83	18.15	17.90	17.89	18.70
5	256QAM	25	0	17.68	17.61	17.96	18.00	17.97	18.70

【LTE Band 48_FCC_Part 96 IC_RSS-192

(3550~3700MHz)_Ant 8_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				55340	55830	55990	56150	56640	
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	20.06	20.04	20.08	20.00	20.02	22.00
20	QPSK	1	49	20.01	20.00	20.00	20.05	20.07	22.00
20	QPSK	1	99	20.00	20.02	20.00	20.01	20.03	22.00
20	QPSK	50	0	19.10	19.09	19.28	19.16	19.11	21.00
20	QPSK	50	24	19.08	19.15	19.26	19.18	19.11	21.00
20	QPSK	50	50	19.19	19.22	19.13	19.09	19.25	21.00
20	QPSK	100	0	19.12	19.07	19.09	19.22	19.10	21.00
20	16QAM	1	0	19.38	19.34	19.33	19.30	19.29	21.00
20	16QAM	1	49	19.18	19.13	19.12	19.15	19.16	21.00
20	16QAM	1	99	19.16	19.13	19.17	19.21	19.23	21.00
20	16QAM	50	0	18.39	18.36	18.32	18.37	18.34	20.00
20	16QAM	50	24	18.40	18.38	18.39	18.45	18.36	20.00

20	16QAM	50	50	18.22	18.29	18.23	18.28	18.24	20.00
20	16QAM	100	0	18.31	18.29	18.28	18.35	18.34	20.00
20	64QAM	1	0	18.28	18.28	18.32	18.32	18.36	20.00
20	64QAM	1	49	18.21	18.15	18.19	18.18	18.23	20.00
20	64QAM	1	99	18.17	18.28	18.21	18.18	18.25	20.00
20	64QAM	50	0	18.12	18.13	18.17	18.27	18.00	20.00
20	64QAM	50	24	18.10	18.03	18.02	18.03	18.12	20.00
20	64QAM	50	50	18.04	18.04	18.10	18.07	18.06	20.00
20	64QAM	100	0	18.09	18.00	18.14	18.13	18.12	20.00
20	256QAM	1	0	18.16	18.09	18.10	18.08	18.19	20.00
20	256QAM	1	49	18.08	18.05	18.17	18.05	18.13	20.00
20	256QAM	1	99	18.16	18.18	18.05	18.25	18.23	20.00
20	256QAM	50	0	19.04	18.93	18.98	18.94	19.02	20.00
20	256QAM	50	24	19.00	19.02	19.00	19.04	19.05	20.00
20	256QAM	50	50	19.04	19.04	19.02	18.98	19.05	20.00
20	256QAM	100	0	18.01	18.12	18.17	18.06	18.07	20.00
Channel				55315	55820	55990	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	20.34	20.34	20.35	20.19	20.28	22.00
15	QPSK	1	37	20.17	20.12	20.16	20.21	20.29	22.00
15	QPSK	1	74	20.06	20.24	20.19	20.08	20.13	22.00
15	QPSK	36	0	19.30	19.28	19.31	19.35	19.22	21.00
15	QPSK	36	20	19.31	19.26	19.53	19.38	19.38	21.00
15	QPSK	36	39	19.42	19.44	19.43	19.28	19.48	21.00
15	QPSK	75	0	19.28	19.33	19.34	19.33	19.25	21.00
15	16QAM	1	0	19.38	19.35	19.34	19.26	19.32	21.00
15	16QAM	1	37	19.18	19.19	19.16	19.22	19.17	21.00
15	16QAM	1	74	19.13	19.17	19.21	19.21	19.28	21.00
15	16QAM	36	0	18.44	18.42	18.34	18.41	18.40	20.00
15	16QAM	36	20	18.43	18.40	18.41	18.49	18.35	20.00
15	16QAM	36	39	18.25	18.30	18.21	18.25	18.24	20.00
15	16QAM	75	0	18.27	18.25	18.28	18.41	18.31	20.00
15	64QAM	1	0	18.31	18.31	18.35	18.33	18.43	20.00
15	64QAM	1	37	18.19	18.18	18.25	18.24	18.29	20.00
15	64QAM	1	74	18.24	18.35	18.27	18.19	18.26	20.00
15	64QAM	36	0	18.12	18.10	18.21	18.23	18.02	20.00
15	64QAM	36	20	18.19	18.10	18.03	18.05	18.18	20.00
15	64QAM	36	39	18.00	18.05	18.10	18.06	18.09	20.00
15	64QAM	75	0	18.06	18.00	18.07	18.05	18.21	20.00
15	256QAM	1	0	18.10	18.06	18.00	18.09	18.20	20.00
15	256QAM	1	37	18.11	18.07	18.17	18.07	18.14	20.00
15	256QAM	1	74	18.20	18.20	18.06	18.20	18.20	20.00
15	256QAM	36	0	19.03	18.95	18.95	18.94	18.97	20.00
15	256QAM	36	20	19.06	19.08	19.02	19.00	19.12	20.00
15	256QAM	36	39	19.05	19.05	19.00	18.95	19.09	20.00
15	256QAM	75	0	18.14	18.13	18.16	18.02	18.14	20.00
Channel				55290	55815	55990	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	21.41	21.31	21.47	21.36	21.42	22.00
10	QPSK	1	25	21.26	21.24	21.30	21.34	21.32	22.00
10	QPSK	1	49	21.22	21.37	21.25	21.33	21.22	22.00
10	QPSK	25	0	20.30	20.31	20.32	20.31	20.31	21.00
10	QPSK	25	12	20.45	20.34	20.46	20.33	20.39	21.00
10	QPSK	25	25	20.39	20.48	20.47	20.42	20.39	21.00
10	QPSK	50	0	20.39	20.48	20.44	20.30	20.39	21.00
10	16QAM	1	0	20.21	20.36	20.34	20.35	20.24	21.00
10	16QAM	1	25	20.41	20.30	20.40	20.41	20.24	21.00
10	16QAM	1	49	20.28	20.29	20.37	20.36	20.30	21.00
10	16QAM	25	0	19.41	19.41	19.47	19.46	19.34	20.00
10	16QAM	25	12	19.36	19.39	19.38	19.52	19.44	20.00
10	16QAM	25	25	19.49	19.48	19.43	19.45	19.46	20.00
10	16QAM	50	0	19.34	19.32	19.49	19.40	19.48	20.00
10	64QAM	1	0	19.51	19.35	19.45	19.48	19.46	20.00
10	64QAM	1	25	19.44	19.52	19.53	19.43	19.48	20.00
10	64QAM	1	49	19.35	19.44	19.49	19.46	19.44	20.00
10	64QAM	25	0	18.41	18.48	18.39	18.45	18.45	20.00
10	64QAM	25	12	18.41	18.53	18.52	18.39	18.44	20.00
10	64QAM	25	25	18.38	18.36	18.44	18.44	18.43	20.00
10	64QAM	50	0	18.42	18.38	18.36	18.44	18.50	20.00
10	256QAM	1	0	19.25	19.20	19.25	19.18	19.29	20.00
10	256QAM	1	25	19.45	19.45	19.37	19.30	19.28	20.00
10	256QAM	1	49	19.10	19.16	19.22	19.26	19.23	20.00
10	256QAM	25	0	19.35	19.38	19.32	19.44	19.49	20.00
10	256QAM	25	12	19.56	19.46	19.55	19.40	19.40	20.00
10	256QAM	25	25	19.36	19.39	19.41	19.33	19.49	20.00
10	256QAM	50	0	19.51	19.45	19.37	19.47	19.38	20.00

Channel				55265	55810	55990	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	21.30	21.31	21.33	21.40	21.41	22.00
5	QPSK	1	12	21.31	21.27	21.26	21.29	21.28	22.00
5	QPSK	1	24	21.19	21.29	21.25	21.34	21.21	22.00
5	QPSK	12	0	20.45	20.44	20.39	20.37	20.44	21.00
5	QPSK	12	7	20.49	20.33	20.33	20.50	20.45	21.00
5	QPSK	12	13	20.37	20.33	20.33	20.36	20.43	21.00
5	QPSK	25	0	20.43	20.36	20.44	20.48	20.29	21.00
5	16QAM	1	0	20.32	20.35	20.39	20.27	20.35	21.00
5	16QAM	1	12	20.32	20.37	20.24	20.27	20.35	21.00
5	16QAM	1	24	20.29	20.35	20.44	20.30	20.28	21.00
5	16QAM	12	0	19.49	19.37	19.38	19.36	19.42	20.00
5	16QAM	12	7	19.51	19.41	19.39	19.44	19.35	20.00
5	16QAM	12	13	19.52	19.38	19.50	19.42	19.43	20.00
5	16QAM	25	0	19.31	19.40	19.41	19.45	19.32	20.00
5	64QAM	1	0	19.40	19.42	19.43	19.39	19.39	20.00
5	64QAM	1	12	19.53	19.40	19.38	19.44	19.42	20.00
5	64QAM	1	24	19.48	19.47	19.46	19.34	19.35	20.00
5	64QAM	12	0	18.37	18.38	18.43	18.38	18.33	20.00
5	64QAM	12	7	18.52	18.46	18.54	18.40	18.51	20.00
5	64QAM	12	13	18.42	18.35	18.33	18.46	18.44	20.00
5	64QAM	25	0	18.51	18.38	18.52	18.46	18.42	20.00
5	256QAM	1	0	19.17	19.17	19.29	19.20	19.34	20.00
5	256QAM	1	12	19.32	19.29	19.35	19.46	19.37	20.00
5	256QAM	1	24	19.11	19.18	19.16	19.13	19.27	20.00
5	256QAM	12	0	19.49	19.34	19.37	19.45	19.47	20.00
5	256QAM	12	7	19.53	19.44	19.43	19.55	19.43	20.00
5	256QAM	12	13	19.37	19.44	19.40	19.50	19.51	20.00
5	256QAM	25	0	19.50	19.46	19.47	19.51	19.36	20.00

【LTE Band 48_FCC_Part 96 IC_RSS-192

(3550~3700MHz)_Ant 8_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	55990	56150	56640	
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	20.06	20.04	20.08	20.00	20.02	22.00
20	QPSK	1	49	20.01	20.00	20.00	20.05	20.07	22.00
20	QPSK	1	99	20.00	20.02	20.00	20.01	20.03	22.00
20	QPSK	50	0	19.10	19.09	19.28	19.16	19.11	21.00
20	QPSK	50	24	19.08	19.15	19.26	19.18	19.11	21.00
20	QPSK	50	50	19.19	19.22	19.13	19.09	19.25	21.00
20	QPSK	100	0	19.12	19.07	19.09	19.22	19.10	21.00
20	16QAM	1	0	19.38	19.34	19.33	19.30	19.29	21.00
20	16QAM	1	49	19.18	19.13	19.12	19.15	19.16	21.00
20	16QAM	1	99	19.16	19.13	19.17	19.21	19.23	21.00
20	16QAM	50	0	18.39	18.36	18.32	18.37	18.34	20.00
20	16QAM	50	24	18.40	18.38	18.39	18.45	18.36	20.00
20	16QAM	50	50	18.22	18.29	18.23	18.28	18.24	20.00
20	16QAM	100	0	18.31	18.29	18.28	18.35	18.34	20.00
20	64QAM	1	0	18.28	18.28	18.32	18.32	18.36	20.00
20	64QAM	1	49	18.21	18.15	18.19	18.18	18.23	20.00
20	64QAM	1	99	18.17	18.28	18.21	18.18	18.25	20.00
20	64QAM	50	0	18.12	18.13	18.17	18.27	18.00	20.00
20	64QAM	50	24	18.10	18.03	18.02	18.03	18.12	20.00
20	64QAM	50	50	18.04	18.04	18.10	18.07	18.06	20.00
20	64QAM	100	0	18.09	18.00	18.14	18.13	18.12	20.00
20	256QAM	1	0	18.16	18.09	18.10	18.08	18.19	20.00
20	256QAM	1	49	18.08	18.05	18.17	18.05	18.13	20.00
20	256QAM	1	99	18.16	18.18	18.05	18.25	18.23	20.00
20	256QAM	50	0	19.04	18.93	18.98	18.94	19.02	20.00
20	256QAM	50	24	19.00	19.02	19.00	19.04	19.05	20.00
20	256QAM	50	50	19.04	19.04	19.02	18.98	19.05	20.00
20	256QAM	100	0	18.01	18.12	18.17	18.06	18.07	20.00
Channel				55315	55820	55990	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	20.34	20.34	20.35	20.19	20.28	22.00
15	QPSK	1	37	20.17	20.12	20.16	20.21	20.29	22.00
15	QPSK	1	74	20.06	20.24	20.19	20.08	20.13	22.00

15	QPSK	36	0	19.30	19.28	19.31	19.35	19.22	21.00
15	QPSK	36	20	19.31	19.26	19.53	19.38	19.38	21.00
15	QPSK	36	39	19.42	19.44	19.43	19.28	19.48	21.00
15	QPSK	75	0	19.28	19.33	19.34	19.33	19.25	21.00
15	16QAM	1	0	19.38	19.35	19.34	19.26	19.32	21.00
15	16QAM	1	37	19.18	19.19	19.16	19.22	19.17	21.00
15	16QAM	1	74	19.13	19.17	19.21	19.21	19.28	21.00
15	16QAM	36	0	18.44	18.42	18.34	18.41	18.40	20.00
15	16QAM	36	20	18.43	18.40	18.41	18.49	18.35	20.00
15	16QAM	36	39	18.25	18.30	18.21	18.25	18.24	20.00
15	16QAM	75	0	18.27	18.25	18.28	18.41	18.31	20.00
15	64QAM	1	0	18.31	18.31	18.35	18.33	18.43	20.00
15	64QAM	1	37	18.19	18.18	18.25	18.24	18.29	20.00
15	64QAM	1	74	18.24	18.35	18.27	18.19	18.26	20.00
15	64QAM	36	0	18.12	18.10	18.21	18.23	18.02	20.00
15	64QAM	36	20	18.19	18.10	18.03	18.05	18.18	20.00
15	64QAM	36	39	18.00	18.05	18.10	18.06	18.09	20.00
15	64QAM	75	0	18.06	18.00	18.07	18.05	18.21	20.00
15	256QAM	1	0	18.10	18.06	18.00	18.09	18.20	20.00
15	256QAM	1	37	18.11	18.07	18.17	18.07	18.14	20.00
15	256QAM	1	74	18.20	18.20	18.06	18.20	18.20	20.00
15	256QAM	36	0	19.03	18.95	18.95	18.94	18.97	20.00
15	256QAM	36	20	19.06	19.08	19.02	19.00	19.12	20.00
15	256QAM	36	39	19.05	19.05	19.00	18.95	19.09	20.00
15	256QAM	75	0	18.14	18.13	18.16	18.02	18.14	20.00
Channel				55290	55815	55990	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	21.41	21.31	21.47	21.36	21.42	22.00
10	QPSK	1	25	21.26	21.24	21.30	21.34	21.32	22.00
10	QPSK	1	49	21.22	21.37	21.25	21.33	21.22	22.00
10	QPSK	25	0	20.30	20.31	20.32	20.31	20.43	21.00
10	QPSK	25	12	20.45	20.34	20.46	20.33	20.39	21.00
10	QPSK	25	25	20.39	20.48	20.47	20.42	20.39	21.00
10	QPSK	50	0	20.39	20.48	20.44	20.30	20.39	21.00
10	16QAM	1	0	20.21	20.36	20.34	20.35	20.24	21.00
10	16QAM	1	25	20.41	20.30	20.40	20.41	20.24	21.00
10	16QAM	1	49	20.28	20.29	20.37	20.36	20.30	21.00
10	16QAM	25	0	19.41	19.41	19.47	19.46	19.34	20.00
10	16QAM	25	12	19.36	19.39	19.38	19.52	19.44	20.00
10	16QAM	25	25	19.49	19.48	19.43	19.45	19.46	20.00
10	16QAM	50	0	19.34	19.32	19.49	19.40	19.48	20.00
10	64QAM	1	0	19.51	19.35	19.45	19.48	19.46	20.00
10	64QAM	1	25	19.44	19.52	19.53	19.43	19.48	20.00
10	64QAM	1	49	19.35	19.44	19.49	19.46	19.44	20.00
10	64QAM	25	0	18.41	18.48	18.39	18.45	18.45	20.00
10	64QAM	25	12	18.41	18.53	18.52	18.39	18.44	20.00
10	64QAM	25	25	18.38	18.36	18.44	18.44	18.43	20.00
10	64QAM	50	0	18.42	18.38	18.36	18.44	18.50	20.00
10	256QAM	1	0	19.25	19.20	19.25	19.18	19.29	20.00
10	256QAM	1	25	19.45	19.45	19.37	19.30	19.28	20.00
10	256QAM	1	49	19.10	19.16	19.22	19.26	19.23	20.00
10	256QAM	25	0	19.35	19.38	19.32	19.44	19.49	20.00
10	256QAM	25	12	19.56	19.46	19.55	19.40	19.40	20.00
10	256QAM	25	25	19.36	19.39	19.41	19.33	19.49	20.00
10	256QAM	50	0	19.51	19.45	19.37	19.47	19.38	20.00
Channel				55265	55810	55990	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	21.30	21.31	21.33	21.40	21.41	22.00
5	QPSK	1	12	21.31	21.27	21.26	21.29	21.28	22.00
5	QPSK	1	24	21.19	21.29	21.25	21.34	21.21	22.00
5	QPSK	12	0	20.45	20.44	20.39	20.37	20.44	21.00
5	QPSK	12	7	20.49	20.33	20.33	20.50	20.45	21.00
5	QPSK	12	13	20.37	20.33	20.33	20.36	20.43	21.00
5	QPSK	25	0	20.43	20.36	20.44	20.48	20.29	21.00
5	16QAM	1	0	20.32	20.35	20.39	20.27	20.35	21.00
5	16QAM	1	12	20.32	20.37	20.24	20.27	20.35	21.00
5	16QAM	1	24	20.29	20.35	20.44	20.30	20.28	21.00
5	16QAM	12	0	19.49	19.37	19.38	19.36	19.42	20.00
5	16QAM	12	7	19.51	19.41	19.39	19.44	19.35	20.00
5	16QAM	12	13	19.52	19.38	19.50	19.42	19.43	20.00
5	16QAM	25	0	19.31	19.40	19.41	19.45	19.32	20.00
5	64QAM	1	0	19.40	19.42	19.43	19.39	19.39	20.00
5	64QAM	1	12	19.53	19.40	19.38	19.44	19.42	20.00
5	64QAM	1	24	19.48	19.47	19.46	19.34	19.35	20.00
5	64QAM	12	0	18.37	18.38	18.43	18.38	18.33	20.00
5	64QAM	12	7	18.52	18.46	18.54	18.40	18.51	20.00

5	64QAM	12	13	18.42	18.35	18.33	18.46	18.44	20.00
5	64QAM	25	0	18.51	18.38	18.52	18.46	18.42	20.00
5	256QAM	1	0	19.17	19.17	19.29	19.20	19.34	20.00
5	256QAM	1	12	19.32	19.29	19.35	19.46	19.37	20.00
5	256QAM	1	24	19.11	19.18	19.16	19.13	19.27	20.00
5	256QAM	12	0	19.49	19.34	19.37	19.45	19.47	20.00
5	256QAM	12	7	19.53	19.44	19.43	19.55	19.43	20.00
5	256QAM	12	13	19.37	19.44	19.40	19.50	19.51	20.00
5	256QAM	25	0	19.50	19.46	19.47	19.51	19.36	20.00

【LTE Band 48_FCC_Part 96 IC_RSS-192

(3550~3700MHz)_Ant 8_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	55990	56150	56640	Tune-up limit (dBm)
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	13.31	13.25	13.54	13.30	13.23	14.70
20	QPSK	1	49	13.09	12.96	13.20	13.09	13.06	14.70
20	QPSK	1	99	13.10	13.13	13.19	13.07	13.01	14.70
20	QPSK	50	0	13.26	13.21	13.51	13.34	13.29	14.70
20	QPSK	50	24	13.11	12.96	13.13	13.13	13.01	14.70
20	QPSK	50	50	13.03	13.07	13.06	13.07	12.99	14.70
20	QPSK	100	0	13.34	13.29	13.41	13.26	13.30	14.70
20	16QAM	1	0	13.30	13.27	13.46	13.25	13.27	14.70
20	16QAM	1	49	13.31	13.26	13.43	13.30	13.19	14.70
20	16QAM	1	99	13.27	13.29	13.51	13.33	13.27	14.70
20	16QAM	50	0	13.26	13.27	13.47	13.29	13.31	14.70
20	16QAM	50	24	13.25	13.30	13.45	13.30	13.28	14.70
20	16QAM	50	50	13.31	13.27	13.46	13.28	13.29	14.70
20	16QAM	100	0	13.32	13.31	13.40	13.33	13.27	14.70
20	64QAM	1	0	13.22	13.31	13.51	13.26	13.24	14.70
20	64QAM	1	49	13.26	13.28	13.50	13.24	13.30	14.70
20	64QAM	1	99	13.28	13.31	13.43	13.28	13.20	14.70
20	64QAM	50	0	13.25	13.28	13.48	13.29	13.23	14.70
20	64QAM	50	24	13.23	13.23	13.46	13.32	13.24	14.70
20	64QAM	50	50	13.31	13.25	13.46	13.23	13.27	14.70
20	64QAM	100	0	13.34	13.21	13.49	13.25	13.30	14.70
20	256QAM	1	0	13.32	13.29	13.45	13.30	13.29	14.70
20	256QAM	1	49	13.26	13.30	13.50	13.35	13.23	14.70
20	256QAM	1	99	13.31	13.24	13.47	13.31	13.25	14.70
20	256QAM	50	0	13.22	13.30	13.41	13.34	13.21	14.70
20	256QAM	50	24	13.32	13.23	13.52	13.26	13.23	14.70
20	256QAM	50	50	13.24	13.23	13.51	13.30	13.30	14.70
20	256QAM	100	0	13.26	13.28	13.50	13.24	13.26	14.70
Channel				55315	55820	55990	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	13.27	13.17	13.49	13.21	13.17	14.70
15	QPSK	1	37	13.19	13.12	13.42	13.21	13.21	14.70
15	QPSK	1	74	13.18	13.15	13.38	13.21	13.15	14.70
15	QPSK	36	0	13.19	13.14	13.46	13.30	13.14	14.70
15	QPSK	36	20	13.26	13.08	13.44	13.28	13.12	14.70
15	QPSK	36	39	13.16	13.22	13.41	13.23	13.12	14.70
15	QPSK	75	0	13.23	13.22	13.30	13.13	13.28	14.70
15	16QAM	1	0	13.17	13.25	13.44	13.21	13.20	14.70
15	16QAM	1	37	13.26	13.12	13.30	13.21	13.05	14.70
15	16QAM	1	74	13.13	13.19	13.43	13.28	13.22	14.70
15	16QAM	36	0	13.15	13.16	13.38	13.16	13.20	14.70
15	16QAM	36	20	13.20	13.21	13.33	13.19	13.24	14.70
15	16QAM	36	39	13.26	13.13	13.45	13.25	13.28	14.70
15	16QAM	75	0	13.28	13.29	13.38	13.26	13.20	14.70
15	64QAM	1	0	13.11	13.24	13.38	13.16	13.20	14.70
15	64QAM	1	37	13.23	13.23	13.36	13.20	13.20	14.70
15	64QAM	1	74	13.19	13.17	13.38	13.25	13.12	14.70
15	64QAM	36	0	13.17	13.23	13.41	13.15	13.11	14.70
15	64QAM	36	20	13.19	13.17	13.44	13.30	13.22	14.70
15	64QAM	36	39	13.23	13.24	13.36	13.21	13.13	14.70
15	64QAM	75	0	13.29	13.07	13.39	13.22	13.28	14.70
15	256QAM	1	0	13.30	13.18	13.40	13.17	13.21	14.70
15	256QAM	1	37	13.17	13.16	13.47	13.28	13.14	14.70
15	256QAM	1	74	13.23	13.09	13.33	13.19	13.12	14.70
15	256QAM	36	0	13.08	13.28	13.29	13.30	13.08	14.70

15	256QAM	36	20	13.24	13.16	13.48	13.21	13.22	14.70
15	256QAM	36	39	13.15	13.13	13.45	13.28	13.23	14.70
15	256QAM	75	0	13.17	13.17	13.37	13.17	13.15	14.70
Channel				55290	55815	55990	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	13.17	13.18	13.51	13.23	13.21	14.70
10	QPSK	1	25	13.20	13.13	13.38	13.11	13.11	14.70
10	QPSK	1	49	13.23	13.15	13.43	13.25	13.16	14.70
10	QPSK	25	0	13.15	13.08	13.45	13.28	13.14	14.70
10	QPSK	25	12	13.24	13.06	13.44	13.18	13.17	14.70
10	QPSK	25	25	13.15	13.22	13.37	13.21	13.17	14.70
10	QPSK	50	0	13.31	13.15	13.29	13.15	13.15	14.70
10	16QAM	1	0	13.28	13.24	13.36	13.17	13.17	14.70
10	16QAM	1	25	13.16	13.13	13.38	13.20	13.12	14.70
10	16QAM	1	49	13.23	13.19	13.43	13.29	13.13	14.70
10	16QAM	25	0	13.19	13.19	13.43	13.27	13.23	14.70
10	16QAM	25	12	13.21	13.16	13.41	13.22	13.17	14.70
10	16QAM	25	25	13.29	13.13	13.33	13.21	13.27	14.70
10	16QAM	50	0	13.22	13.20	13.32	13.28	13.14	14.70
10	64QAM	1	0	13.13	13.29	13.50	13.14	13.21	14.70
10	64QAM	1	25	13.11	13.24	13.39	13.19	13.17	14.70
10	64QAM	1	49	13.24	13.23	13.36	13.14	13.15	14.70
10	64QAM	25	0	13.13	13.16	13.35	13.28	13.19	14.70
10	64QAM	25	12	13.15	13.14	13.38	13.25	13.23	14.70
10	64QAM	25	25	13.25	13.18	13.34	13.20	13.25	14.70
10	64QAM	50	0	13.26	13.12	13.34	13.13	13.24	14.70
10	256QAM	1	0	13.21	13.23	13.41	13.26	13.23	14.70
10	256QAM	1	25	13.16	13.24	13.48	13.34	13.13	14.70
10	256QAM	1	49	13.29	13.18	13.42	13.27	13.21	14.70
10	256QAM	25	0	13.15	13.25	13.39	13.32	13.07	14.70
10	256QAM	25	12	13.27	13.17	13.38	13.13	13.10	14.70
10	256QAM	25	25	13.16	13.14	13.38	13.20	13.26	14.70
10	256QAM	50	0	13.22	13.19	13.45	13.14	13.15	14.70
Channel				55265	55810	55990	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	13.26	13.18	13.45	13.17	13.22	14.70
5	QPSK	1	12	13.24	13.14	13.31	13.14	13.22	14.70
5	QPSK	1	24	13.20	13.19	13.44	13.15	13.18	14.70
5	QPSK	12	0	13.23	13.14	13.38	13.20	13.16	14.70
5	QPSK	12	7	13.18	13.15	13.46	13.16	13.18	14.70
5	QPSK	12	13	13.20	13.13	13.45	13.20	13.16	14.70
5	QPSK	25	0	13.23	13.20	13.34	13.23	13.22	14.70
5	16QAM	1	0	13.23	13.13	13.35	13.10	13.19	14.70
5	16QAM	1	12	13.29	13.22	13.34	13.17	13.18	14.70
5	16QAM	1	24	13.24	13.19	13.41	13.22	13.16	14.70
5	16QAM	12	0	13.14	13.24	13.34	13.18	13.21	14.70
5	16QAM	12	7	13.14	13.23	13.31	13.24	13.21	14.70
5	16QAM	12	13	13.27	13.16	13.39	13.21	13.14	14.70
5	16QAM	25	0	13.25	13.17	13.28	13.19	13.24	14.70
5	64QAM	1	0	13.09	13.24	13.46	13.14	13.11	14.70
5	64QAM	1	12	13.24	13.26	13.43	13.11	13.27	14.70
5	64QAM	1	24	13.13	13.22	13.35	13.21	13.10	14.70
5	64QAM	12	0	13.13	13.14	13.39	13.21	13.21	14.70
5	64QAM	12	7	13.13	13.21	13.41	13.23	13.10	14.70
5	64QAM	12	13	13.18	13.22	13.40	13.12	13.22	14.70
5	64QAM	25	0	13.24	13.18	13.45	13.14	13.16	14.70
5	256QAM	1	0	13.23	13.19	13.36	13.24	13.22	14.70
5	256QAM	1	12	13.21	13.22	13.48	13.30	13.09	14.70
5	256QAM	1	24	13.28	13.21	13.46	13.27	13.23	14.70
5	256QAM	12	0	13.10	13.28	13.26	13.24	13.14	14.70
5	256QAM	12	7	13.17	13.19	13.50	13.21	13.10	14.70
5	256QAM	12	13	13.11	13.16	13.44	13.20	13.23	14.70
5	256QAM	25	0	13.12	13.20	13.46	13.17	13.18	14.70

【LTE Band 48__FCC_Part 96 IC_RSS-192
(3550~3700MHz)_Ant 9_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	55990	56150	56640	22.00
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	21.07	21.01	21.23	21.13	21.05	22.00
20	QPSK	1	49	21.13	21.16	21.08	21.02	21.13	22.00
20	QPSK	1	99	21.01	21.21	21.13	21.05	21.12	22.00
20	QPSK	50	0	21.05	21.11	21.21	21.15	21.14	22.00
20	QPSK	50	24	21.11	21.14	21.06	21.08	21.03	22.00
20	QPSK	50	50	21.13	21.05	21.06	21.20	21.02	22.00
20	QPSK	100	0	21.11	21.19	21.11	21.07	21.04	22.00
20	16QAM	1	0	21.04	21.05	21.16	21.11	21.16	22.00
20	16QAM	1	49	21.04	21.08	21.11	21.07	21.13	22.00
20	16QAM	1	99	21.03	21.14	21.12	21.13	21.01	22.00
20	16QAM	50	0	20.99	21.07	21.09	21.09	21.09	22.00
20	16QAM	50	24	21.07	21.08	21.04	21.19	21.08	22.00
20	16QAM	50	50	21.08	21.14	21.23	21.14	21.05	22.00
20	16QAM	100	0	21.12	21.08	21.19	21.10	21.03	22.00
20	64QAM	1	0	21.14	21.14	21.18	21.13	21.12	22.00
20	64QAM	1	49	21.11	21.04	21.07	21.16	20.97	22.00
20	64QAM	1	99	21.13	21.20	21.16	21.14	21.08	22.00
20	64QAM	50	0	20.55	20.56	20.59	20.60	20.65	21.50
20	64QAM	50	24	20.62	20.50	20.48	20.62	20.55	21.50
20	64QAM	50	50	20.65	20.60	20.64	20.56	20.69	21.50
20	64QAM	100	0	20.67	20.58	20.60	20.55	20.57	21.50
20	256QAM	1	0	18.55	18.58	18.57	18.67	18.52	19.50
20	256QAM	1	49	18.60	18.50	18.56	18.58	18.52	19.50
20	256QAM	1	99	18.54	18.63	18.60	18.57	18.57	19.50
20	256QAM	50	0	18.65	18.67	18.62	18.58	18.59	19.50
20	256QAM	50	24	18.59	18.60	18.53	18.61	18.56	19.50
20	256QAM	50	50	18.63	18.64	18.50	18.50	18.63	19.50
20	256QAM	100	0	18.55	18.55	18.62	18.68	18.66	19.50
Channel				55315	55820	55990	56160	56665	22.00
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	21.05	20.91	21.16	21.10	21.04	22.00
15	QPSK	1	37	21.05	21.07	20.98	20.89	21.05	22.00
15	QPSK	1	74	20.95	21.15	21.09	21.02	21.00	22.00
15	QPSK	36	0	20.93	21.02	21.14	21.07	21.06	22.00
15	QPSK	36	20	21.04	21.08	21.03	21.05	20.89	22.00
15	QPSK	36	39	21.10	21.00	20.94	21.09	21.00	22.00
15	QPSK	75	0	20.97	21.08	21.03	21.01	20.97	22.00
15	16QAM	1	0	20.94	21.04	21.01	20.98	21.13	22.00
15	16QAM	1	37	21.02	20.97	21.06	20.94	21.03	22.00
15	16QAM	1	74	20.90	21.02	21.00	21.08	20.92	22.00
15	16QAM	36	0	20.93	21.03	21.03	21.02	21.06	22.00
15	16QAM	36	20	21.06	20.95	21.01	21.15	21.02	22.00
15	16QAM	36	39	20.94	21.11	21.10	21.02	20.94	22.00
15	16QAM	75	0	21.08	21.07	21.11	21.04	20.97	22.00
15	64QAM	1	0	21.10	21.08	21.05	21.07	21.05	22.00
15	64QAM	1	37	20.98	20.91	20.92	21.03	20.94	22.00
15	64QAM	1	74	21.01	21.16	21.10	20.99	21.02	22.00
15	64QAM	36	0	20.51	20.51	20.52	20.46	20.57	21.50
15	64QAM	36	20	20.49	20.41	20.47	20.53	20.50	21.50
15	64QAM	36	39	20.58	20.57	20.50	20.48	20.63	21.50
15	64QAM	75	0	20.56	20.56	20.50	20.52	20.54	21.50
15	256QAM	1	0	18.49	18.52	18.46	18.52	18.38	19.50
15	256QAM	1	37	18.53	18.38	18.51	18.53	18.50	19.50
15	256QAM	1	74	18.44	18.56	18.58	18.50	18.44	19.50
15	256QAM	36	0	18.56	18.63	18.58	18.45	18.56	19.50
15	256QAM	36	20	18.48	18.55	18.47	18.51	18.51	19.50
15	256QAM	36	39	18.58	18.58	18.36	18.45	18.51	19.50
15	256QAM	75	0	18.46	18.52	18.51	18.57	18.55	19.50
Channel				55290	55815	55990	56165	56690	22.00
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	21.04	20.87	21.16	21.02	21.04	22.00
10	QPSK	1	25	21.01	21.09	21.04	20.96	21.06	22.00
10	QPSK	1	49	20.89	21.08	21.10	20.93	20.98	22.00
10	QPSK	25	0	20.96	21.09	21.10	21.09	21.12	22.00
10	QPSK	25	12	21.09	21.00	21.02	20.94	20.97	22.00
10	QPSK	25	25	21.04	21.02	21.04	21.16	21.00	22.00

10	QPSK	50	0	21.07	21.16	21.01	20.96	20.97	22.00
10	16QAM	1	0	20.93	20.96	21.12	21.06	21.11	22.00
10	16QAM	1	25	20.97	20.98	21.09	20.96	21.10	22.00
10	16QAM	1	49	21.00	21.08	21.09	21.12	20.88	22.00
10	16QAM	25	0	20.84	20.93	20.95	20.94	20.95	22.00
10	16QAM	25	12	20.93	20.96	21.00	21.06	20.99	22.00
10	16QAM	25	25	20.99	21.02	21.15	21.03	21.00	22.00
10	16QAM	50	0	21.07	21.07	21.18	21.05	20.99	22.00
10	64QAM	1	0	21.01	21.06	21.10	20.99	20.99	22.00
10	64QAM	1	25	21.03	21.00	21.02	21.09	20.90	22.00
10	64QAM	1	49	21.06	21.14	21.15	21.04	21.03	22.00
10	64QAM	25	0	20.45	20.47	20.55	20.48	20.61	21.50
10	64QAM	25	12	20.61	20.37	20.45	20.61	20.52	21.50
10	64QAM	25	25	20.60	20.45	20.57	20.43	20.62	21.50
10	64QAM	50	0	20.62	20.52	20.55	20.49	20.44	21.50
10	256QAM	1	0	18.50	18.52	18.47	18.54	18.45	19.50
10	256QAM	1	25	18.51	18.42	18.51	18.48	18.48	19.50
10	256QAM	1	49	18.42	18.58	18.48	18.53	18.49	19.50
10	256QAM	25	0	18.60	18.58	18.51	18.43	18.55	19.50
10	256QAM	25	12	18.54	18.49	18.41	18.54	18.55	19.50
10	256QAM	25	25	18.62	18.59	18.42	18.46	18.58	19.50
10	256QAM	50	0	18.44	18.51	18.56	18.56	18.61	19.50
Channel				55265	55810	55990	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	20.96	20.93	21.13	21.04	21.03	22.00
5	QPSK	1	12	21.04	21.06	21.00	20.87	21.12	22.00
5	QPSK	1	24	20.99	21.16	21.02	21.02	21.04	22.00
5	QPSK	12	0	21.02	21.02	21.12	21.08	21.11	22.00
5	QPSK	12	7	21.02	21.11	20.99	20.96	20.93	22.00
5	QPSK	12	13	21.02	20.94	21.02	21.17	20.93	22.00
5	QPSK	25	0	21.10	21.12	21.09	21.00	20.94	22.00
5	16QAM	1	0	21.03	21.02	21.07	20.97	21.07	22.00
5	16QAM	1	12	20.96	21.06	21.01	20.99	21.02	22.00
5	16QAM	1	24	20.90	20.99	21.07	21.07	20.95	22.00
5	16QAM	12	0	20.86	21.06	20.95	21.01	20.99	22.00
5	16QAM	12	7	21.05	20.94	20.95	21.17	21.03	22.00
5	16QAM	12	13	21.02	21.04	21.08	21.02	20.92	22.00
5	16QAM	25	0	21.02	21.05	21.05	21.01	20.90	22.00
5	64QAM	1	0	21.08	21.10	21.15	21.05	21.10	22.00
5	64QAM	1	12	21.08	21.02	21.02	21.05	20.87	22.00
5	64QAM	1	24	21.05	21.14	21.13	21.11	21.06	22.00
5	64QAM	12	0	20.51	20.43	20.47	20.46	20.62	21.50
5	64QAM	12	7	20.54	20.36	20.37	20.59	20.44	21.50
5	64QAM	12	13	20.60	20.57	20.59	20.55	20.67	21.50
5	64QAM	25	0	20.57	20.43	20.54	20.49	20.43	21.50
5	256QAM	1	0	18.46	18.53	18.44	18.66	18.43	19.50
5	256QAM	1	12	18.53	18.41	18.55	18.52	18.37	19.50
5	256QAM	1	24	18.42	18.59	18.49	18.43	18.53	19.50
5	256QAM	12	0	18.62	18.56	18.52	18.45	18.53	19.50
5	256QAM	12	7	18.53	18.48	18.44	18.48	18.42	19.50
5	256QAM	12	13	18.48	18.58	18.45	18.46	18.59	19.50
5	256QAM	25	0	18.48	18.45	18.51	18.59	18.60	19.50

【LTE Band 48_FCC_Part 96 IC_RSS-192

(3550~3700MHz)_Ant 9_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	55990	56150	56640	
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	21.07	21.01	21.23	21.13	21.05	22.00
20	QPSK	1	49	21.13	21.16	21.08	21.02	21.13	22.00
20	QPSK	1	99	21.01	21.21	21.13	21.05	21.12	22.00
20	QPSK	50	0	21.05	21.11	21.21	21.15	21.14	22.00
20	QPSK	50	24	21.11	21.14	21.06	21.08	21.03	22.00
20	QPSK	50	50	21.13	21.05	21.06	21.20	21.02	22.00
20	QPSK	100	0	21.11	21.19	21.11	21.07	21.04	22.00
20	16QAM	1	0	21.04	21.05	21.16	21.11	21.16	22.00
20	16QAM	1	49	21.04	21.08	21.11	21.07	21.13	22.00
20	16QAM	1	99	21.03	21.14	21.12	21.13	21.01	22.00
20	16QAM	50	0	20.99	21.07	21.09	21.09	21.09	22.00
20	16QAM	50	24	21.07	21.08	21.04	21.19	21.08	22.00

20	16QAM	50	50	21.08	21.14	21.23	21.14	21.05	22.00
20	16QAM	100	0	21.12	21.08	21.19	21.10	21.03	22.00
20	64QAM	1	0	21.14	21.14	21.18	21.13	21.12	22.00
20	64QAM	1	49	21.11	21.04	21.07	21.16	20.97	22.00
20	64QAM	1	99	21.13	21.20	21.16	21.14	21.08	22.00
20	64QAM	50	0	20.55	20.56	20.59	20.60	20.65	21.50
20	64QAM	50	24	20.62	20.50	20.48	20.62	20.55	21.50
20	64QAM	50	50	20.65	20.60	20.64	20.56	20.69	21.50
20	64QAM	100	0	20.67	20.58	20.60	20.55	20.57	21.50
20	256QAM	1	0	18.55	18.58	18.57	18.67	18.52	19.50
20	256QAM	1	49	18.60	18.50	18.56	18.58	18.52	19.50
20	256QAM	1	99	18.54	18.63	18.60	18.57	18.57	19.50
20	256QAM	50	0	18.65	18.67	18.62	18.58	18.59	19.50
20	256QAM	50	24	18.59	18.60	18.53	18.61	18.56	19.50
20	256QAM	50	50	18.63	18.64	18.50	18.50	18.63	19.50
20	256QAM	100	0	18.55	18.55	18.62	18.68	18.66	19.50
Channel				55315	55820	55990	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	21.05	20.91	21.16	21.10	21.04	22.00
15	QPSK	1	37	21.05	21.07	20.98	20.89	21.05	22.00
15	QPSK	1	74	20.95	21.15	21.09	21.02	21.00	22.00
15	QPSK	36	0	20.93	21.02	21.14	21.07	21.06	22.00
15	QPSK	36	20	21.04	21.08	21.03	21.05	20.89	22.00
15	QPSK	36	39	21.10	21.00	20.94	21.09	21.00	22.00
15	QPSK	75	0	20.97	21.08	21.03	21.01	20.97	22.00
15	16QAM	1	0	20.94	21.04	21.01	20.98	21.13	22.00
15	16QAM	1	37	21.02	20.97	21.06	20.94	21.03	22.00
15	16QAM	1	74	20.90	21.02	21.00	21.08	20.92	22.00
15	16QAM	36	0	20.93	21.03	21.03	21.02	21.06	22.00
15	16QAM	36	20	21.06	20.95	21.01	21.15	21.02	22.00
15	16QAM	36	39	20.94	21.11	21.10	21.02	20.94	22.00
15	16QAM	75	0	21.08	21.07	21.11	21.04	20.97	22.00
15	64QAM	1	0	21.10	21.08	21.05	21.07	21.05	22.00
15	64QAM	1	37	20.98	20.91	20.92	21.03	20.94	22.00
15	64QAM	1	74	21.01	21.16	21.10	20.99	21.02	22.00
15	64QAM	36	0	20.51	20.51	20.52	20.46	20.57	21.50
15	64QAM	36	20	20.49	20.41	20.47	20.53	20.50	21.50
15	64QAM	36	39	20.58	20.57	20.50	20.48	20.63	21.50
15	64QAM	75	0	20.56	20.56	20.50	20.52	20.54	21.50
15	256QAM	1	0	18.49	18.52	18.46	18.52	18.38	19.50
15	256QAM	1	37	18.53	18.38	18.51	18.53	18.50	19.50
15	256QAM	1	74	18.44	18.56	18.58	18.50	18.44	19.50
15	256QAM	36	0	18.56	18.63	18.58	18.45	18.56	19.50
15	256QAM	36	20	18.48	18.55	18.47	18.51	18.51	19.50
15	256QAM	36	39	18.58	18.58	18.36	18.45	18.51	19.50
15	256QAM	75	0	18.46	18.52	18.51	18.57	18.55	19.50
Channel				55290	55815	55990	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	21.04	20.87	21.16	21.02	21.04	22.00
10	QPSK	1	25	21.01	21.09	21.04	20.96	21.06	22.00
10	QPSK	1	49	20.89	21.08	21.10	20.93	20.98	22.00
10	QPSK	25	0	20.96	21.09	21.10	21.09	21.12	22.00
10	QPSK	25	12	21.09	21.00	21.02	20.94	20.97	22.00
10	QPSK	25	25	21.04	21.02	21.04	21.16	21.00	22.00
10	QPSK	50	0	21.07	21.16	21.01	20.96	20.97	22.00
10	16QAM	1	0	20.93	20.96	21.12	21.06	21.11	22.00
10	16QAM	1	25	20.97	20.98	21.09	20.96	21.10	22.00
10	16QAM	1	49	21.00	21.08	21.09	21.12	20.88	22.00
10	16QAM	25	0	20.84	20.93	20.95	20.94	20.95	22.00
10	16QAM	25	12	20.93	20.96	21.00	21.06	20.99	22.00
10	16QAM	25	25	20.99	21.02	21.15	21.03	21.00	22.00
10	16QAM	50	0	21.07	21.07	21.18	21.05	20.99	22.00
10	64QAM	1	0	21.01	21.06	21.10	20.99	20.99	22.00
10	64QAM	1	25	21.03	21.00	21.02	21.09	20.90	22.00
10	64QAM	1	49	21.06	21.14	21.15	21.04	21.03	22.00
10	64QAM	25	0	20.45	20.47	20.55	20.48	20.61	21.50
10	64QAM	25	12	20.61	20.37	20.45	20.61	20.52	21.50
10	64QAM	25	25	20.60	20.45	20.57	20.43	20.62	21.50
10	64QAM	50	0	20.62	20.52	20.55	20.49	20.44	21.50
10	256QAM	1	0	18.50	18.52	18.47	18.54	18.45	19.50
10	256QAM	1	25	18.51	18.42	18.51	18.48	18.48	19.50
10	256QAM	1	49	18.42	18.58	18.48	18.53	18.49	19.50
10	256QAM	25	0	18.60	18.58	18.51	18.43	18.55	19.50
10	256QAM	25	12	18.54	18.49	18.41	18.54	18.55	19.50
10	256QAM	25	25	18.62	18.59	18.42	18.46	18.58	19.50
10	256QAM	50	0	18.44	18.51	18.56	18.56	18.61	19.50

Channel				55265	55810	55990	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	20.96	20.93	21.13	21.04	21.03	22.00
5	QPSK	1	12	21.04	21.06	21.00	20.87	21.12	22.00
5	QPSK	1	24	20.99	21.16	21.02	21.02	21.04	22.00
5	QPSK	12	0	21.02	21.02	21.12	21.08	21.11	22.00
5	QPSK	12	7	21.02	21.11	20.99	20.96	20.93	22.00
5	QPSK	12	13	21.02	20.94	21.02	21.17	20.93	22.00
5	QPSK	25	0	21.10	21.12	21.09	21.00	20.94	22.00
5	16QAM	1	0	21.03	21.02	21.07	20.97	21.07	22.00
5	16QAM	1	12	20.96	21.06	21.01	20.99	21.02	22.00
5	16QAM	1	24	20.90	20.99	21.07	21.07	20.95	22.00
5	16QAM	12	0	20.86	21.06	20.95	21.01	20.99	22.00
5	16QAM	12	7	21.05	20.94	20.95	21.17	21.03	22.00
5	16QAM	12	13	21.02	21.04	21.08	21.02	20.92	22.00
5	16QAM	25	0	21.02	21.05	21.05	21.01	20.90	22.00
5	64QAM	1	0	21.08	21.10	21.15	21.05	21.10	22.00
5	64QAM	1	12	21.08	21.02	21.02	21.05	20.87	22.00
5	64QAM	1	24	21.05	21.14	21.13	21.11	21.06	22.00
5	64QAM	12	0	20.51	20.43	20.47	20.46	20.62	21.50
5	64QAM	12	7	20.54	20.36	20.37	20.59	20.44	21.50
5	64QAM	12	13	20.60	20.57	20.59	20.55	20.67	21.50
5	64QAM	25	0	20.57	20.43	20.54	20.49	20.43	21.50
5	256QAM	1	0	18.46	18.53	18.44	18.66	18.43	19.50
5	256QAM	1	12	18.53	18.41	18.55	18.52	18.37	19.50
5	256QAM	1	24	18.42	18.59	18.49	18.43	18.53	19.50
5	256QAM	12	0	18.62	18.56	18.52	18.45	18.53	19.50
5	256QAM	12	7	18.53	18.48	18.44	18.48	18.42	19.50
5	256QAM	12	13	18.48	18.58	18.45	18.46	18.59	19.50
5	256QAM	25	0	18.48	18.45	18.51	18.59	18.60	19.50

【LTE Band 48_FCC_Part 96 IC_RSS-192

(3550~3700MHz)_Ant 9_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	55990	56150	56640	
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	15.41	15.37	15.50	15.41	15.34	16.60
20	QPSK	1	49	15.18	15.18	15.23	15.16	15.12	16.60
20	QPSK	1	99	15.26	15.20	15.27	15.19	15.16	16.60
20	QPSK	50	0	15.41	15.37	15.48	15.40	15.33	16.60
20	QPSK	50	24	15.09	15.19	15.19	15.18	15.12	16.60
20	QPSK	50	50	15.24	15.20	15.13	15.20	15.06	16.60
20	QPSK	100	0	15.37	15.39	15.45	15.35	15.40	16.60
20	16QAM	1	0	15.40	15.40	15.37	15.40	15.29	16.60
20	16QAM	1	49	15.37	15.34	15.39	15.35	15.36	16.60
20	16QAM	1	99	15.35	15.37	15.38	15.34	15.37	16.60
20	16QAM	50	0	15.34	15.42	15.45	15.44	15.40	16.60
20	16QAM	50	24	15.38	15.38	15.36	15.39	15.35	16.60
20	16QAM	50	50	15.33	15.43	15.37	15.44	15.35	16.60
20	16QAM	100	0	15.31	15.46	15.41	15.34	15.31	16.60
20	64QAM	1	0	15.38	15.37	15.44	15.41	15.39	16.60
20	64QAM	1	49	15.31	15.43	15.42	15.38	15.40	16.60
20	64QAM	1	99	15.37	15.39	15.41	15.38	15.31	16.60
20	64QAM	50	0	15.36	15.40	15.43	15.37	15.40	16.60
20	64QAM	50	24	15.38	15.37	15.38	15.45	15.34	16.60
20	64QAM	50	50	15.35	15.40	15.44	15.42	15.30	16.60
20	64QAM	100	0	15.39	15.41	15.47	15.35	15.34	16.60
20	256QAM	1	0	15.33	15.43	15.43	15.37	15.35	16.60
20	256QAM	1	49	15.42	15.46	15.44	15.42	15.34	16.60
20	256QAM	1	99	15.31	15.42	15.45	15.44	15.38	16.60
20	256QAM	50	0	15.34	15.39	15.40	15.41	15.41	16.60
20	256QAM	50	24	15.43	15.44	15.37	15.39	15.36	16.60
20	256QAM	50	50	15.42	15.41	15.39	15.36	15.40	16.60
20	256QAM	100	0	15.39	15.45	15.37	15.43	15.40	16.60
Channel				55315	55820	55990	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	15.29	15.25	15.36	15.30	15.33	16.60
15	QPSK	1	37	15.31	15.24	15.38	15.28	15.23	16.60
15	QPSK	1	74	15.35	15.31	15.39	15.28	15.26	16.60

15	QPSK	36	0	15.33	15.30	15.44	15.32	15.28	16.60
15	QPSK	36	20	15.22	15.33	15.32	15.30	15.31	16.60
15	QPSK	36	39	15.32	15.37	15.28	15.35	15.21	16.60
15	QPSK	75	0	15.28	15.35	15.29	15.25	15.34	16.60
15	16QAM	1	0	15.26	15.35	15.26	15.36	15.24	16.60
15	16QAM	1	37	15.24	15.20	15.27	15.27	15.30	16.60
15	16QAM	1	74	15.24	15.28	15.29	15.31	15.28	16.60
15	16QAM	36	0	15.22	15.30	15.43	15.42	15.34	16.60
15	16QAM	36	20	15.36	15.29	15.26	15.31	15.23	16.60
15	16QAM	36	39	15.31	15.41	15.25	15.35	15.23	16.60
15	16QAM	75	0	15.25	15.39	15.40	15.24	15.29	16.60
15	64QAM	1	0	15.36	15.34	15.33	15.36	15.27	16.60
15	64QAM	1	37	15.27	15.39	15.31	15.30	15.25	16.60
15	64QAM	1	74	15.30	15.32	15.28	15.34	15.25	16.60
15	64QAM	36	0	15.33	15.27	15.30	15.32	15.31	16.60
15	64QAM	36	20	15.30	15.26	15.29	15.36	15.30	16.60
15	64QAM	36	39	15.25	15.33	15.30	15.36	15.22	16.60
15	64QAM	75	0	15.38	15.29	15.36	15.34	15.26	16.60
15	256QAM	1	0	15.27	15.35	15.35	15.23	15.28	16.60
15	256QAM	1	37	15.29	15.40	15.35	15.32	15.26	16.60
15	256QAM	1	74	15.24	15.28	15.43	15.34	15.28	16.60
15	256QAM	36	0	15.21	15.29	15.35	15.38	15.40	16.60
15	256QAM	36	20	15.32	15.31	15.27	15.36	15.24	16.60
15	256QAM	36	39	15.33	15.29	15.26	15.31	15.30	16.60
15	256QAM	75	0	15.31	15.37	15.29	15.35	15.30	16.60
Channel				55290	55815	55990	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	15.34	15.34	15.46	15.32	15.20	16.60
10	QPSK	1	25	15.29	15.23	15.31	15.34	15.36	16.60
10	QPSK	1	49	15.37	15.35	15.32	15.29	15.15	16.60
10	QPSK	25	0	15.34	15.30	15.44	15.38	15.25	16.60
10	QPSK	25	12	15.18	15.21	15.32	15.21	15.22	16.60
10	QPSK	25	25	15.27	15.27	15.30	15.25	15.15	16.60
10	QPSK	50	0	15.32	15.37	15.33	15.33	15.36	16.60
10	16QAM	1	0	15.31	15.25	15.23	15.31	15.25	16.60
10	16QAM	1	25	15.24	15.28	15.32	15.26	15.32	16.60
10	16QAM	1	49	15.31	15.35	15.29	15.28	15.36	16.60
10	16QAM	25	0	15.22	15.35	15.32	15.31	15.30	16.60
10	16QAM	25	12	15.33	15.25	15.22	15.36	15.27	16.60
10	16QAM	25	25	15.27	15.32	15.35	15.31	15.34	16.60
10	16QAM	50	0	15.26	15.39	15.26	15.21	15.16	16.60
10	64QAM	1	0	15.33	15.36	15.39	15.28	15.28	16.60
10	64QAM	1	25	15.24	15.34	15.37	15.30	15.33	16.60
10	64QAM	1	49	15.31	15.24	15.39	15.25	15.17	16.60
10	64QAM	25	0	15.29	15.30	15.41	15.33	15.34	16.60
10	64QAM	25	12	15.25	15.22	15.35	15.35	15.33	16.60
10	64QAM	25	25	15.22	15.36	15.32	15.31	15.20	16.60
10	64QAM	50	0	15.37	15.38	15.39	15.29	15.27	16.60
10	256QAM	1	0	15.23	15.35	15.40	15.28	15.23	16.60
10	256QAM	1	25	15.36	15.40	15.30	15.31	15.33	16.60
10	256QAM	1	49	15.26	15.35	15.30	15.31	15.35	16.60
10	256QAM	25	0	15.21	15.27	15.33	15.31	15.31	16.60
10	256QAM	25	12	15.34	15.43	15.22	15.27	15.27	16.60
10	256QAM	25	25	15.39	15.35	15.29	15.29	15.33	16.60
10	256QAM	50	0	15.25	15.42	15.31	15.32	15.32	16.60
Channel				55265	55810	55990	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	15.31	15.23	15.41	15.38	15.23	16.60
5	QPSK	1	12	15.21	15.23	15.36	15.25	15.35	16.60
5	QPSK	1	24	15.37	15.35	15.38	15.34	15.25	16.60
5	QPSK	12	0	15.36	15.27	15.47	15.37	15.24	16.60
5	QPSK	12	7	15.22	15.30	15.26	15.30	15.31	16.60
5	QPSK	12	13	15.29	15.33	15.22	15.25	15.24	16.60
5	QPSK	25	0	15.29	15.36	15.26	15.24	15.29	16.60
5	16QAM	1	0	15.31	15.37	15.32	15.26	15.15	16.60
5	16QAM	1	12	15.26	15.23	15.37	15.30	15.29	16.60
5	16QAM	1	24	15.28	15.34	15.34	15.23	15.26	16.60
5	16QAM	12	0	15.28	15.37	15.42	15.38	15.29	16.60
5	16QAM	12	7	15.27	15.33	15.23	15.32	15.23	16.60
5	16QAM	12	13	15.25	15.34	15.26	15.32	15.22	16.60
5	16QAM	25	0	15.29	15.33	15.36	15.21	15.27	16.60
5	64QAM	1	0	15.30	15.36	15.30	15.32	15.26	16.60
5	64QAM	1	12	15.21	15.34	15.38	15.24	15.36	16.60
5	64QAM	1	24	15.34	15.26	15.31	15.29	15.24	16.60
5	64QAM	12	0	15.32	15.34	15.32	15.22	15.35	16.60
5	64QAM	12	7	15.28	15.30	15.29	15.43	15.32	16.60

5	64QAM	12	13	15.22	15.25	15.34	15.39	15.18	16.60
5	64QAM	25	0	15.33	15.39	15.38	15.24	15.29	16.60
5	256QAM	1	0	15.30	15.39	15.36	15.34	15.26	16.60
5	256QAM	1	12	15.33	15.37	15.40	15.35	15.25	16.60
5	256QAM	1	24	15.16	15.29	15.44	15.41	15.25	16.60
5	256QAM	12	0	15.28	15.25	15.30	15.37	15.35	16.60
5	256QAM	12	7	15.37	15.37	15.31	15.25	15.23	16.60
5	256QAM	12	13	15.38	15.37	15.26	15.29	15.25	16.60
5	256QAM	25	0	15.25	15.31	15.23	15.31	15.28	16.60

【LTE Band 66_Ant 1_Full Power】

Channel	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
132072	132322	132572		
Frequency (MHz)	1720	1745	1770	
20	QPSK	1	0	23.29
20	QPSK	1	49	23.34
20	QPSK	1	99	23.25
20	QPSK	50	0	22.34
20	QPSK	50	24	22.32
20	QPSK	50	50	22.20
20	QPSK	100	0	22.20
20	16QAM	1	0	22.35
20	16QAM	1	49	22.50
20	16QAM	1	99	22.29
20	16QAM	50	0	21.30
20	16QAM	50	24	21.32
20	16QAM	50	50	21.45
20	16QAM	100	0	21.30
20	64QAM	1	0	21.26
20	64QAM	1	49	21.25
20	64QAM	1	99	21.44
20	64QAM	50	0	20.26
20	64QAM	50	24	20.44
20	64QAM	50	50	20.30
20	64QAM	100	0	20.34
20	256QAM	1	0	18.16
20	256QAM	1	49	18.29
20	256QAM	1	99	18.32
20	256QAM	50	0	18.33
20	256QAM	50	24	18.26
20	256QAM	50	50	18.26
20	256QAM	100	0	18.26
Channel	132047	132322	132597	Tune-up limit
Frequency (MHz)	1717.5	1745	1772.5	(dBm)
15	QPSK	1	0	23.20
15	QPSK	1	37	23.27
15	QPSK	1	74	23.12
15	QPSK	36	0	22.26
15	QPSK	36	20	22.21
15	QPSK	36	39	22.10
15	QPSK	75	0	22.11
15	16QAM	1	0	22.29
15	16QAM	1	37	22.44
15	16QAM	1	74	22.18
15	16QAM	36	0	21.28
15	16QAM	36	20	21.29
15	16QAM	36	39	21.38
15	16QAM	75	0	21.19
15	64QAM	1	0	21.18
15	64QAM	1	37	21.22
15	64QAM	1	74	21.32
15	64QAM	36	0	20.14
15	64QAM	36	20	20.30
15	64QAM	36	39	20.21
15	64QAM	75	0	20.25
15	256QAM	1	0	18.13
15	256QAM	1	37	18.26
15	256QAM	1	74	18.23
15	256QAM	36	0	18.27
15	256QAM	36	20	18.11
15	256QAM	36	39	18.24

15	256QAM	75	0	18.23	18.38	18.35	20.10
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	23.21	23.50	23.28	25.10
10	QPSK	1	25	23.31	23.26	23.43	25.10
10	QPSK	1	49	23.19	23.35	23.23	25.10
10	QPSK	25	0	22.31	22.49	22.24	24.10
10	QPSK	25	12	22.29	22.30	22.43	24.10
10	QPSK	25	25	22.15	22.40	22.48	24.10
10	QPSK	50	0	22.10	22.35	22.39	24.10
10	16QAM	1	0	22.29	22.49	22.36	24.10
10	16QAM	1	25	22.45	22.54	22.29	24.10
10	16QAM	1	49	22.22	22.57	22.30	24.10
10	16QAM	25	0	21.29	21.53	21.24	23.10
10	16QAM	25	12	21.31	21.40	21.43	23.10
10	16QAM	25	25	21.36	21.44	21.29	23.10
10	16QAM	50	0	21.28	21.42	21.28	23.10
10	64QAM	1	0	21.22	21.37	21.34	23.10
10	64QAM	1	25	21.22	21.45	21.22	23.10
10	64QAM	1	49	21.42	21.44	21.36	23.10
10	64QAM	25	0	20.16	20.58	20.38	22.10
10	64QAM	25	12	20.41	20.40	20.24	22.10
10	64QAM	25	25	20.21	20.43	20.40	22.10
10	64QAM	50	0	20.20	20.44	20.42	22.10
10	256QAM	1	0	18.14	18.45	18.29	20.10
10	256QAM	1	25	18.19	18.32	18.48	20.10
10	256QAM	1	49	18.27	18.38	18.39	20.10
10	256QAM	25	0	18.27	18.36	18.35	20.10
10	256QAM	25	12	18.23	18.28	18.27	20.10
10	256QAM	25	25	18.21	18.43	18.32	20.10
10	256QAM	50	0	18.12	18.45	18.36	20.10
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	23.26	23.51	23.35	25.10
5	QPSK	1	12	23.32	23.29	23.40	25.10
5	QPSK	1	24	23.18	23.38	23.16	25.10
5	QPSK	12	0	22.25	22.56	22.28	24.10
5	QPSK	12	7	22.27	22.27	22.47	24.10
5	QPSK	12	13	22.11	22.35	22.46	24.10
5	QPSK	25	0	22.17	22.42	22.42	24.10
5	16QAM	1	0	22.27	22.47	22.41	24.10
5	16QAM	1	12	22.48	22.42	22.26	24.10
5	16QAM	1	24	22.26	22.59	22.36	24.10
5	16QAM	12	0	21.29	21.50	21.23	23.10
5	16QAM	12	7	21.26	21.41	21.41	23.10
5	16QAM	12	13	21.34	21.37	21.35	23.10
5	16QAM	25	0	21.21	21.38	21.30	23.10
5	64QAM	1	0	21.15	21.47	21.29	23.10
5	64QAM	1	12	21.22	21.37	21.23	23.10
5	64QAM	1	24	21.31	21.44	21.33	23.10
5	64QAM	12	0	20.19	20.60	20.37	22.10
5	64QAM	12	7	20.31	20.37	20.21	22.10
5	64QAM	12	13	20.20	20.41	20.40	22.10
5	64QAM	25	0	20.30	20.45	20.37	22.10
5	256QAM	1	0	18.12	18.49	18.39	20.10
5	256QAM	1	12	18.20	18.42	18.47	20.10
5	256QAM	1	24	18.21	18.37	18.40	20.10
5	256QAM	12	0	18.21	18.39	18.33	20.10
5	256QAM	12	7	18.17	18.30	18.25	20.10
5	256QAM	12	13	18.16	18.49	18.31	20.10
5	256QAM	25	0	18.23	18.41	18.30	20.10
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	23.16	23.41	23.37	25.10
3	QPSK	1	8	23.21	23.37	23.32	25.10
3	QPSK	1	14	23.21	23.35	23.22	25.10
3	QPSK	8	0	22.33	22.51	22.22	24.10
3	QPSK	8	4	22.27	22.35	22.43	24.10
3	QPSK	8	7	22.11	22.35	22.48	24.10
3	QPSK	15	0	22.10	22.44	22.44	24.10
3	16QAM	1	0	22.28	22.50	22.40	24.10
3	16QAM	1	8	22.47	22.51	22.31	24.10
3	16QAM	1	14	22.20	22.46	22.40	24.10
3	16QAM	8	0	21.27	21.54	21.23	23.10
3	16QAM	8	4	21.20	21.43	21.35	23.10
3	16QAM	8	7	21.37	21.38	21.28	23.10
3	16QAM	15	0	21.23	21.37	21.28	23.10
3	64QAM	1	0	21.21	21.41	21.30	23.10

3	64QAM	1	8	21.15	21.39	21.27	23.10
3	64QAM	1	14	21.30	21.52	21.36	23.10
3	64QAM	8	0	20.20	20.56	20.43	22.10
3	64QAM	8	4	20.35	20.42	20.30	22.10
3	64QAM	8	7	20.27	20.52	20.41	22.10
3	64QAM	15	0	20.28	20.54	20.42	22.10
3	256QAM	1	0	18.11	18.46	18.40	20.10
3	256QAM	1	8	18.26	18.44	18.39	20.10
3	256QAM	1	14	18.27	18.48	18.45	20.10
3	256QAM	8	0	18.21	18.33	18.44	20.10
3	256QAM	8	4	18.11	18.37	18.32	20.10
3	256QAM	8	7	18.21	18.44	18.32	20.10
3	256QAM	15	0	18.13	18.35	18.44	20.10
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	23.25	23.50	23.26	25.10
1.4	QPSK	1	3	23.31	23.26	23.43	25.10
1.4	QPSK	1	5	23.17	23.33	23.20	25.10
1.4	QPSK	3	0	23.26	23.54	23.29	25.10
1.4	QPSK	3	1	23.21	23.28	23.46	25.10
1.4	QPSK	3	3	23.11	23.41	23.56	25.10
1.4	QPSK	6	0	22.17	22.44	22.41	24.10
1.4	16QAM	1	0	22.23	22.48	22.34	24.10
1.4	16QAM	1	3	22.40	22.52	22.29	24.10
1.4	16QAM	1	5	22.22	22.51	22.38	24.10
1.4	16QAM	3	0	22.18	22.54	22.23	24.10
1.4	16QAM	3	1	22.23	22.38	22.48	24.10
1.4	16QAM	3	3	22.35	22.40	22.27	24.10
1.4	16QAM	6	0	21.17	21.40	21.29	23.10
1.4	64QAM	1	0	21.13	21.46	21.31	23.10
1.4	64QAM	1	3	21.14	21.41	21.34	23.10
1.4	64QAM	1	5	21.42	21.45	21.25	23.10
1.4	64QAM	3	0	21.16	21.59	21.44	23.10
1.4	64QAM	3	1	21.40	21.43	21.26	23.10
1.4	64QAM	3	3	21.16	21.42	21.42	23.10
1.4	64QAM	6	0	20.24	20.54	20.49	22.10
1.4	256QAM	1	0	18.10	18.53	18.39	20.10
1.4	256QAM	1	3	18.21	18.45	18.38	20.10
1.4	256QAM	1	5	18.19	18.40	18.47	20.10
1.4	256QAM	3	0	18.32	18.42	18.41	20.10
1.4	256QAM	3	1	18.22	18.33	18.33	20.10
1.4	256QAM	3	3	18.17	18.39	18.43	20.10
1.4	256QAM	6	0	18.20	18.39	18.40	20.10

【LTE Band 66_Ant 1_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	23.29	23.54	23.40	25.10
20	QPSK	1	49	23.34	23.38	23.44	25.10
20	QPSK	1	99	23.25	23.44	23.29	25.10
20	QPSK	50	0	22.34	22.59	22.37	24.10
20	QPSK	50	24	22.32	22.42	22.51	24.10
20	QPSK	50	50	22.20	22.45	22.58	24.10
20	QPSK	100	0	22.20	22.49	22.47	24.10
20	16QAM	1	0	22.35	22.57	22.45	24.10
20	16QAM	1	49	22.50	22.56	22.37	24.10
20	16QAM	1	99	22.29	22.61	22.42	24.10
20	16QAM	50	0	21.30	21.60	21.34	23.10
20	16QAM	50	24	21.32	21.51	21.50	23.10
20	16QAM	50	50	21.45	21.51	21.36	23.10
20	16QAM	100	0	21.30	21.48	21.42	23.10
20	64QAM	1	0	21.26	21.50	21.43	23.10
20	64QAM	1	49	21.25	21.52	21.35	23.10
20	64QAM	1	99	21.44	21.53	21.40	23.10
20	64QAM	50	0	20.26	20.63	20.51	22.10
20	64QAM	50	24	20.44	20.52	20.31	22.10
20	64QAM	50	50	20.30	20.55	20.43	22.10
20	64QAM	100	0	20.34	20.56	20.51	22.10
20	256QAM	1	0	18.16	18.55	18.44	20.10
20	256QAM	1	49	18.29	18.46	18.50	20.10

20	256QAM	1	99	18.32	18.50	18.50	20.10
20	256QAM	50	0	18.33	18.43	18.46	20.10
20	256QAM	50	24	18.26	18.42	18.37	20.10
20	256QAM	50	50	18.26	18.53	18.45	20.10
20	256QAM	100	0	18.26	18.47	18.45	20.10
Channel				132047	132322	132597	Tune-up limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	QPSK	1	0	23.20	23.44	23.38	25.10
15	QPSK	1	37	23.27	23.34	23.31	25.10
15	QPSK	1	74	23.12	23.34	23.19	25.10
15	QPSK	36	0	22.26	22.52	22.35	24.10
15	QPSK	36	20	22.21	22.38	22.49	24.10
15	QPSK	36	39	22.10	22.31	22.43	24.10
15	QPSK	75	0	22.11	22.47	22.44	24.10
15	16QAM	1	0	22.29	22.45	22.35	24.10
15	16QAM	1	37	22.44	22.47	22.35	24.10
15	16QAM	1	74	22.18	22.52	22.30	24.10
15	16QAM	36	0	21.28	21.58	21.25	23.10
15	16QAM	36	20	21.29	21.37	21.43	23.10
15	16QAM	36	39	21.38	21.39	21.35	23.10
15	16QAM	75	0	21.19	21.35	21.34	23.10
15	64QAM	1	0	21.18	21.41	21.28	23.10
15	64QAM	1	37	21.22	21.50	21.25	23.10
15	64QAM	1	74	21.32	21.50	21.31	23.10
15	64QAM	36	0	20.14	20.52	20.48	22.10
15	64QAM	36	20	20.30	20.43	20.25	22.10
15	64QAM	36	39	20.21	20.51	20.30	22.10
15	64QAM	75	0	20.25	20.48	20.49	22.10
15	256QAM	1	0	18.13	18.40	18.43	20.10
15	256QAM	1	37	18.26	18.39	18.43	20.10
15	256QAM	1	74	18.23	18.42	18.35	20.10
15	256QAM	36	0	18.27	18.37	18.44	20.10
15	256QAM	36	20	18.11	18.31	18.30	20.10
15	256QAM	36	39	18.24	18.44	18.36	20.10
15	256QAM	75	0	18.23	18.38	18.35	20.10
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	23.21	23.50	23.28	25.10
10	QPSK	1	25	23.31	23.26	23.43	25.10
10	QPSK	1	49	23.19	23.35	23.23	25.10
10	QPSK	25	0	22.31	22.49	22.24	24.10
10	QPSK	25	12	22.29	22.30	22.43	24.10
10	QPSK	25	25	22.15	22.40	22.48	24.10
10	QPSK	50	0	22.10	22.35	22.39	24.10
10	16QAM	1	0	22.29	22.49	22.36	24.10
10	16QAM	1	25	22.45	22.54	22.29	24.10
10	16QAM	1	49	22.22	22.57	22.30	24.10
10	16QAM	25	0	21.29	21.53	21.24	23.10
10	16QAM	25	12	21.31	21.40	21.43	23.10
10	16QAM	25	25	21.36	21.44	21.29	23.10
10	16QAM	50	0	21.28	21.42	21.28	23.10
10	64QAM	1	0	21.22	21.37	21.34	23.10
10	64QAM	1	25	21.22	21.45	21.22	23.10
10	64QAM	1	49	21.42	21.44	21.36	23.10
10	64QAM	25	0	20.16	20.58	20.38	22.10
10	64QAM	25	12	20.41	20.40	20.24	22.10
10	64QAM	25	25	20.21	20.43	20.40	22.10
10	64QAM	50	0	20.20	20.44	20.42	22.10
10	256QAM	1	0	18.14	18.45	18.29	20.10
10	256QAM	1	25	18.19	18.32	18.48	20.10
10	256QAM	1	49	18.27	18.38	18.39	20.10
10	256QAM	25	0	18.27	18.36	18.35	20.10
10	256QAM	25	12	18.23	18.28	18.27	20.10
10	256QAM	25	25	18.21	18.43	18.32	20.10
10	256QAM	50	0	18.12	18.45	18.36	20.10
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	23.26	23.51	23.35	25.10
5	QPSK	1	12	23.32	23.29	23.40	25.10
5	QPSK	1	24	23.18	23.38	23.16	25.10
5	QPSK	12	0	22.25	22.56	22.28	24.10
5	QPSK	12	7	22.27	22.27	22.47	24.10
5	QPSK	12	13	22.11	22.35	22.46	24.10
5	QPSK	25	0	22.17	22.42	22.42	24.10
5	16QAM	1	0	22.27	22.47	22.41	24.10
5	16QAM	1	12	22.48	22.42	22.26	24.10
5	16QAM	1	24	22.26	22.59	22.36	24.10
5	16QAM	12	0	21.29	21.50	21.23	23.10

5	16QAM	12	7	21.26	21.41	21.41	23.10
5	16QAM	12	13	21.34	21.37	21.35	23.10
5	16QAM	25	0	21.21	21.38	21.30	23.10
5	64QAM	1	0	21.15	21.47	21.29	23.10
5	64QAM	1	12	21.22	21.37	21.23	23.10
5	64QAM	1	24	21.31	21.44	21.33	23.10
5	64QAM	12	0	20.19	20.60	20.37	22.10
5	64QAM	12	7	20.31	20.37	20.21	22.10
5	64QAM	12	13	20.20	20.41	20.40	22.10
5	64QAM	25	0	20.30	20.45	20.37	22.10
5	256QAM	1	0	18.12	18.49	18.39	20.10
5	256QAM	1	12	18.20	18.42	18.47	20.10
5	256QAM	1	24	18.21	18.37	18.40	20.10
5	256QAM	12	0	18.21	18.39	18.33	20.10
5	256QAM	12	7	18.17	18.30	18.25	20.10
5	256QAM	12	13	18.16	18.49	18.31	20.10
5	256QAM	25	0	18.23	18.41	18.30	20.10
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	23.16	23.41	23.37	25.10
3	QPSK	1	8	23.21	23.37	23.32	25.10
3	QPSK	1	14	23.21	23.35	23.22	25.10
3	QPSK	8	0	22.33	22.51	22.22	24.10
3	QPSK	8	4	22.27	22.35	22.43	24.10
3	QPSK	8	7	22.11	22.35	22.48	24.10
3	QPSK	15	0	22.10	22.44	22.44	24.10
3	16QAM	1	0	22.28	22.50	22.40	24.10
3	16QAM	1	8	22.47	22.51	22.31	24.10
3	16QAM	1	14	22.20	22.46	22.40	24.10
3	16QAM	8	0	21.27	21.54	21.23	23.10
3	16QAM	8	4	21.20	21.43	21.35	23.10
3	16QAM	8	7	21.37	21.38	21.28	23.10
3	16QAM	15	0	21.23	21.37	21.28	23.10
3	64QAM	1	0	21.21	21.41	21.30	23.10
3	64QAM	1	8	21.15	21.39	21.27	23.10
3	64QAM	1	14	21.30	21.52	21.36	23.10
3	64QAM	8	0	20.20	20.56	20.43	22.10
3	64QAM	8	4	20.35	20.42	20.30	22.10
3	64QAM	8	7	20.27	20.52	20.41	22.10
3	64QAM	15	0	20.28	20.54	20.42	22.10
3	256QAM	1	0	18.11	18.46	18.40	20.10
3	256QAM	1	8	18.26	18.44	18.39	20.10
3	256QAM	1	14	18.27	18.48	18.45	20.10
3	256QAM	8	0	18.21	18.33	18.44	20.10
3	256QAM	8	4	18.11	18.37	18.32	20.10
3	256QAM	8	7	18.21	18.44	18.32	20.10
3	256QAM	15	0	18.13	18.35	18.44	20.10
Channel				131979	132322	132665	Tune-up limit
Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	23.25	23.50	23.26	25.10
1.4	QPSK	1	3	23.31	23.26	23.43	25.10
1.4	QPSK	1	5	23.17	23.33	23.20	25.10
1.4	QPSK	3	0	23.26	23.54	23.29	25.10
1.4	QPSK	3	1	23.21	23.28	23.46	25.10
1.4	QPSK	3	3	23.11	23.41	23.56	25.10
1.4	QPSK	6	0	22.17	22.44	22.41	24.10
1.4	16QAM	1	0	22.23	22.48	22.34	24.10
1.4	16QAM	1	3	22.40	22.52	22.29	24.10
1.4	16QAM	1	5	22.22	22.51	22.38	24.10
1.4	16QAM	3	0	22.18	22.54	22.23	24.10
1.4	16QAM	3	1	22.23	22.38	22.48	24.10
1.4	16QAM	3	3	22.35	22.40	22.27	24.10
1.4	16QAM	6	0	21.17	21.40	21.29	23.10
1.4	64QAM	1	0	21.13	21.46	21.31	23.10
1.4	64QAM	1	3	21.14	21.41	21.34	23.10
1.4	64QAM	1	5	21.42	21.45	21.25	23.10
1.4	64QAM	3	0	21.16	21.59	21.44	23.10
1.4	64QAM	3	1	21.40	21.43	21.26	23.10
1.4	64QAM	3	3	21.16	21.42	21.42	23.10
1.4	64QAM	6	0	20.24	20.54	20.49	22.10
1.4	256QAM	1	0	18.10	18.53	18.39	20.10
1.4	256QAM	1	3	18.21	18.45	18.38	20.10
1.4	256QAM	1	5	18.19	18.40	18.47	20.10
1.4	256QAM	3	0	18.32	18.42	18.41	20.10
1.4	256QAM	3	1	18.22	18.33	18.33	20.10
1.4	256QAM	3	3	18.17	18.39	18.43	20.10
1.4	256QAM	6	0	18.20	18.39	18.40	20.10

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Channel	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
132072	132322	132572		
1720	1745	1770		
20	14.47	14.56	14.43	16.00
20	14.26	14.41	14.37	16.00
20	14.27	14.40	14.40	16.00
20	14.41	14.50	14.41	16.00
20	14.32	14.35	14.37	16.00
20	14.33	14.37	14.36	16.00
20	14.35	14.48	14.39	16.00
20	14.26	14.48	14.40	16.00
20	14.27	14.45	14.36	16.00
20	14.35	14.49	14.46	16.00
20	14.32	14.40	14.40	16.00
20	14.29	14.45	14.42	16.00
20	14.32	14.40	14.44	16.00
20	14.28	14.41	14.47	16.00
20	14.34	14.41	14.46	16.00
20	14.30	14.47	14.43	16.00
20	14.29	14.43	14.41	16.00
20	14.29	14.51	14.45	16.00
20	14.28	14.43	14.40	16.00
20	14.25	14.45	14.45	16.00
20	14.35	14.39	14.40	16.00
20	14.31	14.50	14.40	16.00
20	14.30	14.49	14.42	16.00
20	14.28	14.41	14.35	16.00
20	14.32	14.43	14.44	16.00
20	14.29	14.48	14.41	16.00
20	14.27	14.48	14.46	16.00
20	14.34	14.47	14.46	16.00
132047	132322	132597		
1717.5	1745	1772.5		
15	14.23	14.48	14.40	16.00
15	14.13	14.42	14.35	16.00
15	14.21	14.40	14.35	16.00
15	14.21	14.35	14.30	16.00
15	14.27	14.30	14.34	16.00
15	14.31	14.42	14.25	16.00
15	14.17	14.43	14.28	16.00
15	14.23	14.37	14.27	16.00
15	14.17	14.41	14.21	16.00
15	14.28	14.35	14.36	16.00
15	14.29	14.26	14.32	16.00
15	14.14	14.37	14.34	16.00
15	14.19	14.33	14.37	16.00
15	14.23	14.37	14.43	16.00
15	14.28	14.38	14.39	16.00
15	14.24	14.34	14.37	16.00
15	14.21	14.35	14.37	16.00
15	14.16	14.45	14.34	16.00
15	14.15	14.37	14.29	16.00
15	14.15	14.40	14.43	16.00
15	14.25	14.27	14.35	16.00
15	14.16	14.43	14.35	16.00
15	14.24	14.42	14.41	16.00
15	14.24	14.40	14.22	16.00
15	14.21	14.30	14.31	16.00
15	14.21	14.36	14.31	16.00
15	14.15	14.42	14.38	16.00
15	14.30	14.37	14.39	16.00
132022	132322	132622		
1715	1745	1775		
10	14.19	14.48	14.38	16.00
10	14.15	14.33	14.27	16.00
10	14.21	14.36	14.45	16.00
10	14.25	14.47	14.27	16.00
10	14.24	14.38	14.29	16.00
10	14.20	14.36	14.27	16.00
10	14.23	14.42	14.35	16.00

10	16QAM	1	0	14.18	14.41	14.29	16.00
10	16QAM	1	25	14.14	14.42	14.32	16.00
10	16QAM	1	49	14.26	14.35	14.38	16.00
10	16QAM	25	0	14.25	14.29	14.29	16.00
10	16QAM	25	12	14.24	14.33	14.35	16.00
10	16QAM	25	25	14.20	14.38	14.30	16.00
10	16QAM	50	0	14.25	14.36	14.33	16.00
10	64QAM	1	0	14.28	14.36	14.35	16.00
10	64QAM	1	25	14.17	14.38	14.36	16.00
10	64QAM	1	49	14.22	14.38	14.38	16.00
10	64QAM	25	0	14.21	14.43	14.35	16.00
10	64QAM	25	12	14.26	14.37	14.33	16.00
10	64QAM	25	25	14.11	14.42	14.43	16.00
10	64QAM	50	0	14.21	14.31	14.34	16.00
10	256QAM	1	0	14.19	14.48	14.31	16.00
10	256QAM	1	25	14.15	14.39	14.39	16.00
10	256QAM	1	49	14.18	14.31	14.31	16.00
10	256QAM	25	0	14.19	14.32	14.42	16.00
10	256QAM	25	12	14.27	14.42	14.38	16.00
10	256QAM	25	25	14.21	14.45	14.43	16.00
10	256QAM	50	0	14.26	14.45	14.36	16.00
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	14.21	14.54	14.29	16.00
5	QPSK	1	12	14.25	14.46	14.28	16.00
5	QPSK	1	24	14.24	14.29	14.44	16.00
5	QPSK	12	0	14.23	14.40	14.29	16.00
5	QPSK	12	7	14.19	14.27	14.32	16.00
5	QPSK	12	13	14.21	14.39	14.23	16.00
5	QPSK	25	0	14.19	14.39	14.32	16.00
5	16QAM	1	0	14.14	14.37	14.30	16.00
5	16QAM	1	12	14.21	14.33	14.30	16.00
5	16QAM	1	24	14.32	14.42	14.33	16.00
5	16QAM	12	0	14.18	14.35	14.31	16.00
5	16QAM	12	7	14.20	14.32	14.28	16.00
5	16QAM	12	13	14.18	14.37	14.37	16.00
5	16QAM	25	0	14.15	14.38	14.42	16.00
5	64QAM	1	0	14.25	14.37	14.44	16.00
5	64QAM	1	12	14.29	14.41	14.33	16.00
5	64QAM	1	24	14.22	14.39	14.37	16.00
5	64QAM	12	0	14.17	14.38	14.30	16.00
5	64QAM	12	7	14.15	14.41	14.36	16.00
5	64QAM	12	13	14.11	14.35	14.42	16.00
5	64QAM	25	0	14.27	14.34	14.35	16.00
5	256QAM	1	0	14.26	14.41	14.27	16.00
5	256QAM	1	12	14.20	14.39	14.29	16.00
5	256QAM	1	24	14.18	14.27	14.25	16.00
5	256QAM	12	0	14.18	14.33	14.34	16.00
5	256QAM	12	7	14.20	14.39	14.29	16.00
5	256QAM	12	13	14.15	14.43	14.43	16.00
5	256QAM	25	0	14.19	14.45	14.35	16.00
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	14.13	14.50	14.34	16.00
3	QPSK	1	8	14.20	14.44	14.23	16.00
3	QPSK	1	14	14.23	14.29	14.32	16.00
3	QPSK	8	0	14.28	14.45	14.40	16.00
3	QPSK	8	4	14.19	14.35	14.25	16.00
3	QPSK	8	7	14.27	14.43	14.31	16.00
3	QPSK	15	0	14.14	14.44	14.27	16.00
3	16QAM	1	0	14.12	14.37	14.31	16.00
3	16QAM	1	8	14.22	14.31	14.34	16.00
3	16QAM	1	14	14.24	14.43	14.35	16.00
3	16QAM	8	0	14.20	14.28	14.28	16.00
3	16QAM	8	4	14.28	14.36	14.34	16.00
3	16QAM	8	7	14.24	14.37	14.37	16.00
3	16QAM	15	0	14.22	14.37	14.42	16.00
3	64QAM	1	0	14.32	14.33	14.33	16.00
3	64QAM	1	8	14.20	14.34	14.29	16.00
3	64QAM	1	14	14.23	14.37	14.37	16.00
3	64QAM	8	0	14.22	14.46	14.38	16.00
3	64QAM	8	4	14.21	14.32	14.32	16.00
3	64QAM	8	7	14.17	14.43	14.40	16.00
3	64QAM	15	0	14.33	14.38	14.38	16.00
3	256QAM	1	0	14.24	14.49	14.30	16.00
3	256QAM	1	8	14.17	14.37	14.40	16.00
3	256QAM	1	14	14.26	14.33	14.29	16.00
3	256QAM	8	0	14.18	14.31	14.30	16.00

3	256QAM	8	4	14.16	14.36	14.33	16.00
3	256QAM	8	7	14.22	14.43	14.38	16.00
3	256QAM	15	0	14.29	14.33	14.36	16.00
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	14.23	14.44	14.35	16.00
1.4	QPSK	1	3	14.13	14.40	14.28	16.00
1.4	QPSK	1	5	14.17	14.42	14.38	16.00
1.4	QPSK	3	0	14.19	14.39	14.30	16.00
1.4	QPSK	3	1	14.30	14.34	14.26	16.00
1.4	QPSK	3	3	14.26	14.31	14.34	16.00
1.4	QPSK	6	0	14.21	14.39	14.34	16.00
1.4	16QAM	1	0	14.20	14.33	14.38	16.00
1.4	16QAM	1	3	14.23	14.35	14.26	16.00
1.4	16QAM	1	5	14.21	14.46	14.41	16.00
1.4	16QAM	3	0	14.28	14.33	14.37	16.00
1.4	16QAM	3	1	14.26	14.33	14.37	16.00
1.4	16QAM	3	3	14.26	14.36	14.35	16.00
1.4	16QAM	6	0	14.18	14.34	14.39	16.00
1.4	64QAM	1	0	14.27	14.29	14.38	16.00
1.4	64QAM	1	3	14.25	14.44	14.38	16.00
1.4	64QAM	1	5	14.23	14.33	14.37	16.00
1.4	64QAM	3	0	14.21	14.38	14.38	16.00
1.4	64QAM	3	1	14.20	14.33	14.30	16.00
1.4	64QAM	3	3	14.14	14.42	14.43	16.00
1.4	64QAM	6	0	14.31	14.34	14.27	16.00
1.4	256QAM	1	0	14.23	14.45	14.31	16.00
1.4	256QAM	1	3	14.16	14.39	14.41	16.00
1.4	256QAM	1	5	14.14	14.28	14.32	16.00
1.4	256QAM	3	0	14.22	14.29	14.36	16.00
1.4	256QAM	3	1	14.14	14.47	14.30	16.00
1.4	256QAM	3	3	14.17	14.42	14.42	16.00
1.4	256QAM	6	0	14.21	14.38	14.43	16.00

【LTE Band 66_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				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	24.14	24.21	24.14	25.10
20	QPSK	1	49	24.10	24.02	24.05	25.10
20	QPSK	1	99	24.18	24.16	24.13	25.10
20	QPSK	50	0	23.15	23.25	23.18	24.10
20	QPSK	50	24	23.19	23.24	23.12	24.10
20	QPSK	50	50	23.19	23.16	23.09	24.10
20	QPSK	100	0	23.15	23.23	23.12	24.10
20	16QAM	1	0	23.18	23.17	23.08	24.10
20	16QAM	1	49	23.11	23.11	23.19	24.10
20	16QAM	1	99	23.18	23.16	23.20	24.10
20	16QAM	50	0	22.10	22.21	22.19	23.10
20	16QAM	50	24	22.20	22.16	22.22	23.10
20	16QAM	50	50	22.08	22.16	22.14	23.10
20	16QAM	100	0	22.14	22.10	22.18	23.10
20	64QAM	1	0	22.19	22.13	22.13	23.10
20	64QAM	1	49	22.23	22.21	22.17	23.10
20	64QAM	1	99	22.19	22.23	22.07	23.10
20	64QAM	50	0	21.13	21.20	21.17	22.10
20	64QAM	50	24	21.17	21.09	21.14	22.10
20	64QAM	50	50	21.19	21.28	21.10	22.10
20	64QAM	100	0	21.24	21.20	21.10	22.10
20	256QAM	1	0	19.26	19.20	19.22	20.10
20	256QAM	1	49	19.22	19.18	19.17	20.10
20	256QAM	1	99	19.15	19.26	19.14	20.10
20	256QAM	50	0	19.24	19.22	19.17	20.10
20	256QAM	50	24	19.20	19.16	19.19	20.10
20	256QAM	50	50	19.22	19.21	19.14	20.10
20	256QAM	100	0	19.16	19.10	19.13	20.10
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	24.04	24.07	24.01	25.10
15	QPSK	1	37	24.07	23.90	23.99	25.10
15	QPSK	1	74	24.08	24.15	24.06	25.10

15	QPSK	36	0	23.04	23.21	23.11	24.10
15	QPSK	36	20	23.13	23.20	23.07	24.10
15	QPSK	36	39	23.15	23.03	22.99	24.10
15	QPSK	75	0	23.10	23.07	23.08	24.10
15	16QAM	1	0	23.08	23.02	22.95	24.10
15	16QAM	1	37	23.08	23.03	23.10	24.10
15	16QAM	1	74	23.06	23.05	23.09	24.10
15	16QAM	36	0	21.95	22.19	22.06	23.10
15	16QAM	36	20	22.10	22.12	22.18	23.10
15	16QAM	36	39	22.05	22.08	22.00	23.10
15	16QAM	75	0	22.06	22.08	22.07	23.10
15	64QAM	1	0	22.08	22.02	22.06	23.10
15	64QAM	1	37	22.16	22.07	22.06	23.10
15	64QAM	1	74	22.15	22.17	21.97	23.10
15	64QAM	36	0	21.09	21.13	21.06	22.10
15	64QAM	36	20	21.08	20.97	21.02	22.10
15	64QAM	36	39	21.07	21.13	20.96	22.10
15	64QAM	75	0	21.20	21.05	21.07	22.10
15	256QAM	1	0	19.23	19.15	19.18	20.10
15	256QAM	1	37	19.20	19.05	19.06	20.10
15	256QAM	1	74	19.03	19.17	19.12	20.10
15	256QAM	36	0	19.16	19.15	19.14	20.10
15	256QAM	36	20	19.15	19.11	19.10	20.10
15	256QAM	36	39	19.08	19.12	19.10	20.10
15	256QAM	75	0	19.05	19.08	19.01	20.10
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	24.10	24.15	24.11	25.10
10	QPSK	1	25	24.03	23.91	24.00	25.10
10	QPSK	1	49	24.06	24.03	24.00	25.10
10	QPSK	25	0	23.09	23.17	23.14	24.10
10	QPSK	25	12	23.07	23.12	22.99	24.10
10	QPSK	25	25	23.12	23.15	22.97	24.10
10	QPSK	50	0	23.21	23.11	22.98	24.10
10	16QAM	1	0	23.14	23.02	22.96	24.10
10	16QAM	1	25	23.00	23.06	23.07	24.10
10	16QAM	1	49	23.11	23.15	23.19	24.10
10	16QAM	25	0	21.98	22.06	22.15	23.10
10	16QAM	25	12	22.07	22.11	22.09	23.10
10	16QAM	25	25	22.01	22.14	22.10	23.10
10	16QAM	50	0	22.04	21.98	22.10	23.10
10	64QAM	1	0	22.17	22.06	21.99	23.10
10	64QAM	1	25	22.16	22.18	22.11	23.10
10	64QAM	1	49	22.12	22.22	21.99	23.10
10	64QAM	25	0	20.99	21.18	21.06	22.10
10	64QAM	25	12	21.10	21.04	21.09	22.10
10	64QAM	25	25	21.06	21.23	20.97	22.10
10	64QAM	50	0	21.11	21.10	21.00	22.10
10	256QAM	1	0	19.20	19.05	19.13	20.10
10	256QAM	1	25	19.17	19.09	19.07	20.10
10	256QAM	1	49	19.10	19.23	19.10	20.10
10	256QAM	25	0	19.12	19.10	19.09	20.10
10	256QAM	25	12	19.15	19.04	19.10	20.10
10	256QAM	25	25	19.11	19.11	19.12	20.10
10	256QAM	50	0	19.09	19.05	19.07	20.10
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	24.03	24.11	24.11	25.10
5	QPSK	1	12	24.01	23.88	23.91	25.10
5	QPSK	1	24	24.06	24.15	24.08	25.10
5	QPSK	12	0	23.11	23.23	23.06	24.10
5	QPSK	12	7	23.09	23.13	23.10	24.10
5	QPSK	12	13	23.05	23.09	23.00	24.10
5	QPSK	25	0	23.20	23.07	23.02	24.10
5	16QAM	1	0	23.17	23.14	22.93	24.10
5	16QAM	1	12	23.03	23.01	23.09	24.10
5	16QAM	1	24	23.10	23.08	23.10	24.10
5	16QAM	12	0	22.06	22.16	22.11	23.10
5	16QAM	12	7	22.11	22.06	22.10	23.10
5	16QAM	12	13	21.99	22.09	22.05	23.10
5	16QAM	25	0	22.08	22.08	22.03	23.10
5	64QAM	1	0	22.06	22.08	22.03	23.10
5	64QAM	1	12	22.20	22.15	22.04	23.10
5	64QAM	1	24	22.15	22.10	22.05	23.10
5	64QAM	12	0	21.11	21.09	21.09	22.10
5	64QAM	12	7	21.08	21.01	21.09	22.10
5	64QAM	12	13	21.08	21.25	21.00	22.10
5	64QAM	25	0	21.19	21.09	21.01	22.10

5	256QAM	1	0	19.13	19.06	19.10	20.10
5	256QAM	1	12	19.08	19.04	19.12	20.10
5	256QAM	1	24	19.12	19.12	19.10	20.10
5	256QAM	12	0	19.17	19.19	19.08	20.10
5	256QAM	12	7	19.16	19.09	19.08	20.10
5	256QAM	12	13	19.15	19.16	19.07	20.10
5	256QAM	25	0	19.04	19.00	18.99	20.10
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	24.00	24.15	24.06	25.10
3	QPSK	1	8	24.08	23.94	23.94	25.10
3	QPSK	1	14	24.17	24.04	24.10	25.10
3	QPSK	8	0	23.09	23.23	23.06	24.10
3	QPSK	8	4	23.17	23.21	23.00	24.10
3	QPSK	8	7	23.13	23.11	22.99	24.10
3	QPSK	15	0	23.10	23.07	22.99	24.10
3	16QAM	1	0	23.12	23.15	23.07	24.10
3	16QAM	1	8	23.00	22.97	23.16	24.10
3	16QAM	1	14	23.09	23.07	23.09	24.10
3	16QAM	8	0	22.03	22.06	22.08	23.10
3	16QAM	8	4	22.12	22.10	22.10	23.10
3	16QAM	8	7	21.95	22.10	22.07	23.10
3	16QAM	15	0	22.12	22.01	22.16	23.10
3	64QAM	1	0	22.07	22.04	22.09	23.10
3	64QAM	1	8	22.21	22.06	22.05	23.10
3	64QAM	1	14	22.10	22.09	21.98	23.10
3	64QAM	8	0	21.09	21.08	21.15	22.10
3	64QAM	8	4	21.08	21.06	21.07	22.10
3	64QAM	8	7	21.12	21.17	20.99	22.10
3	64QAM	15	0	21.13	21.14	20.95	22.10
3	256QAM	1	0	19.13	19.19	19.12	20.10
3	256QAM	1	8	19.21	19.09	19.08	20.10
3	256QAM	1	14	19.06	19.25	19.03	20.10
3	256QAM	8	0	19.20	19.19	19.14	20.10
3	256QAM	8	4	19.16	19.10	19.17	20.10
3	256QAM	8	7	19.09	19.17	19.08	20.10
3	256QAM	15	0	19.05	18.99	19.02	20.10
Channel				131979	132322	132665	Tune-up limit
Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	24.04	24.10	24.06	25.10
1.4	QPSK	1	3	24.02	23.97	24.01	25.10
1.4	QPSK	1	5	24.14	24.04	24.08	25.10
1.4	QPSK	3	0	24.08	24.19	24.14	25.10
1.4	QPSK	3	1	24.13	24.11	24.01	25.10
1.4	QPSK	3	3	24.15	24.03	24.00	25.10
1.4	QPSK	6	0	23.23	23.11	23.00	24.10
1.4	16QAM	1	0	23.08	23.10	23.06	24.10
1.4	16QAM	1	3	22.98	23.07	23.14	24.10
1.4	16QAM	1	5	23.11	23.13	23.08	24.10
1.4	16QAM	3	0	23.00	23.14	23.14	24.10
1.4	16QAM	3	1	23.07	23.14	23.15	24.10
1.4	16QAM	3	3	22.94	23.14	23.08	24.10
1.4	16QAM	6	0	22.10	22.06	22.06	23.10
1.4	64QAM	1	0	22.08	22.02	22.07	23.10
1.4	64QAM	1	3	22.13	22.06	22.07	23.10
1.4	64QAM	1	5	22.17	22.17	21.97	23.10
1.4	64QAM	3	0	22.06	22.18	22.02	23.10
1.4	64QAM	3	1	22.10	21.97	22.13	23.10
1.4	64QAM	3	3	22.17	22.24	22.09	23.10
1.4	64QAM	6	0	21.16	21.11	21.01	22.10
1.4	256QAM	1	0	19.22	19.10	19.09	20.10
1.4	256QAM	1	3	19.20	19.15	19.16	20.10
1.4	256QAM	1	5	19.09	19.20	19.00	20.10
1.4	256QAM	3	0	19.15	19.13	19.12	20.10
1.4	256QAM	3	1	19.18	19.06	19.05	20.10
1.4	256QAM	3	3	19.11	19.12	19.10	20.10
1.4	256QAM	6	0	19.14	19.08	19.00	20.10

【LTE Band 66_Ant 5_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	24.18	24.21	24.17	25.10
20	QPSK	1	49	24.10	24.02	24.05	25.10
20	QPSK	1	99	24.10	24.16	24.13	25.10
20	QPSK	50	0	23.21	23.25	23.18	24.10
20	QPSK	50	24	23.10	23.15	23.13	24.10
20	QPSK	50	50	23.10	23.16	23.09	24.10
20	QPSK	100	0	23.15	23.23	23.12	24.10
20	16QAM	1	0	23.18	23.17	23.08	24.10
20	16QAM	1	49	23.11	23.11	23.19	24.10
20	16QAM	1	99	23.18	23.16	23.20	24.10
20	16QAM	50	0	22.10	22.21	22.19	23.10
20	16QAM	50	24	22.20	22.16	22.22	23.10
20	16QAM	50	50	22.08	22.16	22.14	23.10
20	16QAM	100	0	22.14	22.10	22.18	23.10
20	64QAM	1	0	22.19	22.13	22.13	23.10
20	64QAM	1	49	22.23	22.21	22.17	23.10
20	64QAM	1	99	22.19	22.23	22.07	23.10
20	64QAM	50	0	21.13	21.20	21.17	22.10
20	64QAM	50	24	21.17	21.09	21.14	22.10
20	64QAM	50	50	21.19	21.28	21.10	22.10
20	64QAM	100	0	21.24	21.20	21.10	22.10
20	256QAM	1	0	19.26	19.20	19.22	20.10
20	256QAM	1	49	19.22	19.18	19.17	20.10
20	256QAM	1	99	19.15	19.26	19.14	20.10
20	256QAM	50	0	19.24	19.22	19.17	20.10
20	256QAM	50	24	19.20	19.16	19.19	20.10
20	256QAM	50	50	19.22	19.21	19.14	20.10
20	256QAM	100	0	19.16	19.10	19.13	20.10
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	24.04	24.07	24.01	25.10
15	QPSK	1	37	24.07	23.90	23.99	25.10
15	QPSK	1	74	24.08	24.15	24.06	25.10
15	QPSK	36	0	23.04	23.21	23.11	24.10
15	QPSK	36	20	23.13	23.20	23.07	24.10
15	QPSK	36	39	23.15	23.03	22.99	24.10
15	QPSK	75	0	23.10	23.07	23.08	24.10
15	16QAM	1	0	23.08	23.02	22.95	24.10
15	16QAM	1	37	23.08	23.03	23.10	24.10
15	16QAM	1	74	23.06	23.05	23.09	24.10
15	16QAM	36	0	21.95	22.19	22.06	23.10
15	16QAM	36	20	22.10	22.12	22.18	23.10
15	16QAM	36	39	22.05	22.08	22.00	23.10
15	16QAM	75	0	22.06	22.08	22.07	23.10
15	64QAM	1	0	22.08	22.02	22.06	23.10
15	64QAM	1	37	22.16	22.07	22.06	23.10
15	64QAM	1	74	22.15	22.17	21.97	23.10
15	64QAM	36	0	21.09	21.13	21.06	22.10
15	64QAM	36	20	21.08	20.97	21.02	22.10
15	64QAM	36	39	21.07	21.13	20.96	22.10
15	64QAM	75	0	21.20	21.05	21.07	22.10
15	256QAM	1	0	19.23	19.15	19.18	20.10
15	256QAM	1	37	19.20	19.05	19.06	20.10
15	256QAM	1	74	19.03	19.17	19.12	20.10
15	256QAM	36	0	19.16	19.15	19.14	20.10
15	256QAM	36	20	19.15	19.11	19.10	20.10
15	256QAM	36	39	19.08	19.12	19.10	20.10
15	256QAM	75	0	19.05	19.08	19.01	20.10
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	24.10	24.15	24.11	25.10
10	QPSK	1	25	24.03	23.91	24.00	25.10
10	QPSK	1	49	24.06	24.03	24.00	25.10
10	QPSK	25	0	23.09	23.17	23.14	24.10
10	QPSK	25	12	23.07	23.12	22.99	24.10
10	QPSK	25	25	23.12	23.15	22.97	24.10
10	QPSK	50	0	23.21	23.11	22.98	24.10
10	16QAM	1	0	23.14	23.02	22.96	24.10

10	16QAM	1	25	23.00	23.06	23.07	24.10
10	16QAM	1	49	23.11	23.15	23.19	24.10
10	16QAM	25	0	21.98	22.06	22.15	23.10
10	16QAM	25	12	22.07	22.11	22.09	23.10
10	16QAM	25	25	22.01	22.14	22.10	23.10
10	16QAM	50	0	22.04	21.98	22.10	23.10
10	64QAM	1	0	22.17	22.06	21.99	23.10
10	64QAM	1	25	22.16	22.18	22.11	23.10
10	64QAM	1	49	22.12	22.22	21.99	23.10
10	64QAM	25	0	20.99	21.18	21.06	22.10
10	64QAM	25	12	21.10	21.04	21.09	22.10
10	64QAM	25	25	21.06	21.23	20.97	22.10
10	64QAM	50	0	21.11	21.10	21.00	22.10
10	256QAM	1	0	19.20	19.05	19.13	20.10
10	256QAM	1	25	19.17	19.09	19.07	20.10
10	256QAM	1	49	19.10	19.23	19.10	20.10
10	256QAM	25	0	19.12	19.10	19.09	20.10
10	256QAM	25	12	19.15	19.04	19.10	20.10
10	256QAM	25	25	19.11	19.11	19.12	20.10
10	256QAM	50	0	19.09	19.05	19.07	20.10
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	24.03	24.11	24.11	25.10
5	QPSK	1	12	24.01	23.88	23.91	25.10
5	QPSK	1	24	24.06	24.15	24.08	25.10
5	QPSK	12	0	23.11	23.23	23.06	24.10
5	QPSK	12	7	23.09	23.13	23.10	24.10
5	QPSK	12	13	23.05	23.09	23.00	24.10
5	QPSK	25	0	23.20	23.07	23.02	24.10
5	16QAM	1	0	23.17	23.14	22.93	24.10
5	16QAM	1	12	23.03	23.01	23.09	24.10
5	16QAM	1	24	23.10	23.08	23.10	24.10
5	16QAM	12	0	22.06	22.16	22.11	23.10
5	16QAM	12	7	22.11	22.06	22.10	23.10
5	16QAM	12	13	21.99	22.09	22.05	23.10
5	16QAM	25	0	22.08	22.08	22.03	23.10
5	64QAM	1	0	22.06	22.08	22.03	23.10
5	64QAM	1	12	22.20	22.15	22.04	23.10
5	64QAM	1	24	22.15	22.10	22.05	23.10
5	64QAM	12	0	21.11	21.09	21.09	22.10
5	64QAM	12	7	21.08	21.01	21.09	22.10
5	64QAM	12	13	21.08	21.25	21.00	22.10
5	64QAM	25	0	21.19	21.09	21.01	22.10
5	256QAM	1	0	19.13	19.06	19.10	20.10
5	256QAM	1	12	19.08	19.04	19.12	20.10
5	256QAM	1	24	19.12	19.12	19.10	20.10
5	256QAM	12	0	19.17	19.19	19.08	20.10
5	256QAM	12	7	19.16	19.09	19.08	20.10
5	256QAM	12	13	19.15	19.16	19.07	20.10
5	256QAM	25	0	19.04	19.00	18.99	20.10
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	24.00	24.15	24.06	25.10
3	QPSK	1	8	24.08	23.94	23.94	25.10
3	QPSK	1	14	24.17	24.04	24.10	25.10
3	QPSK	8	0	23.09	23.23	23.06	24.10
3	QPSK	8	4	23.17	23.21	23.00	24.10
3	QPSK	8	7	23.13	23.11	22.99	24.10
3	QPSK	15	0	23.10	23.07	22.99	24.10
3	16QAM	1	0	23.12	23.15	23.07	24.10
3	16QAM	1	8	23.00	22.97	23.16	24.10
3	16QAM	1	14	23.09	23.07	23.09	24.10
3	16QAM	8	0	22.03	22.06	22.08	23.10
3	16QAM	8	4	22.12	22.10	22.10	23.10
3	16QAM	8	7	21.95	22.10	22.07	23.10
3	16QAM	15	0	22.12	22.01	22.16	23.10
3	64QAM	1	0	22.07	22.04	22.09	23.10
3	64QAM	1	8	22.21	22.06	22.05	23.10
3	64QAM	1	14	22.10	22.09	21.98	23.10
3	64QAM	8	0	21.09	21.08	21.15	22.10
3	64QAM	8	4	21.08	21.06	21.07	22.10
3	64QAM	8	7	21.12	21.17	20.99	22.10
3	64QAM	15	0	21.13	21.14	20.95	22.10
3	256QAM	1	0	19.13	19.19	19.12	20.10
3	256QAM	1	8	19.21	19.09	19.08	20.10
3	256QAM	1	14	19.06	19.25	19.03	20.10
3	256QAM	8	0	19.20	19.19	19.14	20.10
3	256QAM	8	4	19.16	19.10	19.17	20.10

3	256QAM	8	7	19.09	19.17	19.08	20.10
3	256QAM	15	0	19.05	18.99	19.02	20.10
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	24.04	24.10	24.06	25.10
1.4	QPSK	1	3	24.02	23.97	24.01	25.10
1.4	QPSK	1	5	24.14	24.04	24.08	25.10
1.4	QPSK	3	0	24.08	24.19	24.14	25.10
1.4	QPSK	3	1	24.13	24.11	24.01	25.10
1.4	QPSK	3	3	24.15	24.03	24.00	25.10
1.4	QPSK	6	0	23.23	23.11	23.00	24.10
1.4	16QAM	1	0	23.08	23.10	23.06	24.10
1.4	16QAM	1	3	22.98	23.07	23.14	24.10
1.4	16QAM	1	5	23.11	23.13	23.08	24.10
1.4	16QAM	3	0	23.00	23.14	23.14	24.10
1.4	16QAM	3	1	23.07	23.14	23.15	24.10
1.4	16QAM	3	3	22.94	23.14	23.08	24.10
1.4	16QAM	6	0	22.10	22.06	22.06	23.10
1.4	64QAM	1	0	22.08	22.02	22.07	23.10
1.4	64QAM	1	3	22.13	22.06	22.07	23.10
1.4	64QAM	1	5	22.17	22.17	21.97	23.10
1.4	64QAM	3	0	22.06	22.18	22.02	23.10
1.4	64QAM	3	1	22.10	21.97	22.13	23.10
1.4	64QAM	3	3	22.17	22.24	22.09	23.10
1.4	64QAM	6	0	21.16	21.11	21.01	22.10
1.4	256QAM	1	0	19.22	19.10	19.09	20.10
1.4	256QAM	1	3	19.20	19.15	19.16	20.10
1.4	256QAM	1	5	19.09	19.20	19.00	20.10
1.4	256QAM	3	0	19.15	19.13	19.12	20.10
1.4	256QAM	3	1	19.18	19.06	19.05	20.10
1.4	256QAM	3	3	19.11	19.12	19.10	20.10
1.4	256QAM	6	0	19.14	19.08	19.00	20.10

【LTE Band 66_Ant 5_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	16.19	16.25	16.20	17.70
20	QPSK	1	49	16.12	16.19	16.13	17.70
20	QPSK	1	99	16.15	16.18	16.14	17.70
20	QPSK	50	0	16.11	16.24	16.17	17.70
20	QPSK	50	24	16.09	16.21	16.08	17.70
20	QPSK	50	50	16.10	16.21	16.07	17.70
20	QPSK	100	0	16.05	16.22	16.06	17.70
20	16QAM	1	0	16.09	16.20	16.07	17.70
20	16QAM	1	49	16.09	16.13	16.15	17.70
20	16QAM	1	99	16.16	16.14	16.13	17.70
20	16QAM	50	0	16.12	16.21	16.16	17.70
20	16QAM	50	24	16.11	16.22	16.06	17.70
20	16QAM	50	50	16.09	16.18	16.09	17.70
20	16QAM	100	0	16.12	16.12	16.14	17.70
20	64QAM	1	0	16.12	16.13	16.06	17.70
20	64QAM	1	49	16.05	16.14	16.10	17.70
20	64QAM	1	99	16.13	16.23	16.08	17.70
20	64QAM	50	0	16.16	16.19	16.07	17.70
20	64QAM	50	24	16.11	16.22	16.07	17.70
20	64QAM	50	50	16.11	16.18	16.14	17.70
20	64QAM	100	0	16.15	16.14	16.09	17.70
20	256QAM	1	0	16.09	16.20	16.12	17.70
20	256QAM	1	49	16.09	16.18	16.13	17.70
20	256QAM	1	99	16.07	16.11	16.05	17.70
20	256QAM	50	0	16.05	16.22	16.04	17.70
20	256QAM	50	24	16.05	16.22	16.04	17.70
20	256QAM	50	50	16.06	16.22	16.05	17.70
20	256QAM	100	0	16.14	16.12	16.07	17.70
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	16.00	16.13	16.00	17.70
15	QPSK	1	37	16.10	16.12	16.05	17.70
15	QPSK	1	74	16.03	16.11	16.09	17.70
15	QPSK	36	0	16.07	16.21	16.15	17.70

15	QPSK	36	20	16.01	16.14	16.05	17.70
15	QPSK	36	39	15.98	16.07	15.94	17.70
15	QPSK	75	0	15.91	16.16	15.93	17.70
15	16QAM	1	0	16.05	16.11	15.94	17.70
15	16QAM	1	37	15.96	16.09	16.10	17.70
15	16QAM	1	74	16.03	16.08	16.09	17.70
15	16QAM	36	0	16.07	16.12	16.13	17.70
15	16QAM	36	20	15.97	16.14	15.91	17.70
15	16QAM	36	39	16.00	16.05	16.00	17.70
15	16QAM	75	0	16.04	15.98	16.08	17.70
15	64QAM	1	0	16.08	16.01	15.99	17.70
15	64QAM	1	37	15.98	16.12	16.06	17.70
15	64QAM	1	74	15.98	16.17	15.98	17.70
15	64QAM	36	0	16.09	16.12	15.95	17.70
15	64QAM	36	20	16.05	16.18	15.98	17.70
15	64QAM	36	39	16.05	16.08	16.11	17.70
15	64QAM	75	0	16.01	16.06	15.96	17.70
15	256QAM	1	0	16.01	16.11	16.01	17.70
15	256QAM	1	37	16.02	16.12	16.02	17.70
15	256QAM	1	74	16.01	16.01	15.96	17.70
15	256QAM	36	0	15.97	16.10	16.02	17.70
15	256QAM	36	20	16.00	16.16	16.02	17.70
15	256QAM	36	39	15.95	16.09	15.92	17.70
15	256QAM	75	0	16.04	16.06	15.95	17.70
Channel				132022	132322	132622	Tune-up limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	16.14	16.14	16.07	17.70
10	QPSK	1	25	16.08	16.11	16.09	17.70
10	QPSK	1	49	16.04	16.05	16.04	17.70
10	QPSK	25	0	16.03	16.23	16.09	17.70
10	QPSK	25	12	16.03	16.20	16.04	17.70
10	QPSK	25	25	16.01	16.16	16.03	17.70
10	QPSK	50	0	15.94	16.06	15.99	17.70
10	16QAM	1	0	16.08	16.12	16.00	17.70
10	16QAM	1	25	16.01	16.06	16.04	17.70
10	16QAM	1	49	16.14	16.07	16.03	17.70
10	16QAM	25	0	16.02	16.19	16.07	17.70
10	16QAM	25	12	16.04	16.14	15.92	17.70
10	16QAM	25	25	16.01	16.11	15.96	17.70
10	16QAM	50	0	15.98	15.99	16.00	17.70
10	64QAM	1	0	16.01	16.09	16.04	17.70
10	64QAM	1	25	15.94	16.06	16.05	17.70
10	64QAM	1	49	16.09	16.14	15.97	17.70
10	64QAM	25	0	16.13	16.18	15.96	17.70
10	64QAM	25	12	16.01	16.07	15.95	17.70
10	64QAM	25	25	16.02	16.09	16.12	17.70
10	64QAM	50	0	16.09	16.04	16.01	17.70
10	256QAM	1	0	16.01	16.18	16.04	17.70
10	256QAM	1	25	16.02	16.14	16.11	17.70
10	256QAM	1	49	15.94	16.04	16.03	17.70
10	256QAM	25	0	15.98	16.15	15.96	17.70
10	256QAM	25	12	15.96	16.08	15.94	17.70
10	256QAM	25	25	15.99	16.17	15.95	17.70
10	256QAM	50	0	16.09	16.06	15.93	17.70
Channel				131997	132322	132647	Tune-up limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	16.03	16.21	16.09	17.70
5	QPSK	1	12	16.10	16.16	16.09	17.70
5	QPSK	1	24	16.05	16.15	16.00	17.70
5	QPSK	12	0	15.96	16.10	16.12	17.70
5	QPSK	12	7	15.96	16.10	16.01	17.70
5	QPSK	12	13	16.06	16.07	15.97	17.70
5	QPSK	25	0	16.01	16.07	15.98	17.70
5	16QAM	1	0	15.96	16.08	16.03	17.70
5	16QAM	1	12	15.94	16.11	16.12	17.70
5	16QAM	1	24	16.14	16.01	16.09	17.70
5	16QAM	12	0	15.99	16.16	16.10	17.70
5	16QAM	12	7	16.08	16.10	15.93	17.70
5	16QAM	12	13	16.01	16.04	16.03	17.70
5	16QAM	25	0	16.06	16.11	16.04	17.70
5	64QAM	1	0	16.05	16.11	16.02	17.70
5	64QAM	1	12	15.95	16.09	15.98	17.70
5	64QAM	1	24	16.04	16.19	15.98	17.70
5	64QAM	12	0	16.02	16.11	16.02	17.70
5	64QAM	12	7	16.07	16.11	15.99	17.70
5	64QAM	12	13	16.10	16.15	16.04	17.70
5	64QAM	25	0	16.10	16.12	16.00	17.70
5	256QAM	1	0	16.07	16.18	15.97	17.70

5	256QAM	1	12	16.07	16.07	16.02	17.70
5	256QAM	1	24	16.06	16.03	15.97	17.70
5	256QAM	12	0	16.03	16.18	15.92	17.70
5	256QAM	12	7	15.95	16.11	16.00	17.70
5	256QAM	12	13	15.96	16.17	15.97	17.70
5	256QAM	25	0	16.01	16.06	15.98	17.70
Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	16.07	16.22	16.09	17.70
3	QPSK	1	8	16.00	16.14	16.06	17.70
3	QPSK	1	14	16.05	16.05	16.13	17.70
3	QPSK	8	0	16.04	16.22	16.03	17.70
3	QPSK	8	4	15.95	16.08	16.00	17.70
3	QPSK	8	7	15.99	16.07	15.96	17.70
3	QPSK	15	0	16.00	16.09	16.02	17.70
3	16QAM	1	0	16.00	16.15	15.98	17.70
3	16QAM	1	8	16.00	16.06	16.12	17.70
3	16QAM	1	14	16.12	16.06	16.09	17.70
3	16QAM	8	0	16.09	16.13	16.11	17.70
3	16QAM	8	4	16.09	16.07	15.97	17.70
3	16QAM	8	7	16.03	16.05	15.99	17.70
3	16QAM	15	0	16.01	16.06	16.01	17.70
3	64QAM	1	0	16.05	15.99	15.96	17.70
3	64QAM	1	8	15.90	16.10	16.07	17.70
3	64QAM	1	14	16.07	16.13	16.07	17.70
3	64QAM	8	0	16.11	16.15	15.94	17.70
3	64QAM	8	4	16.01	16.13	15.97	17.70
3	64QAM	8	7	16.03	16.06	16.02	17.70
3	64QAM	15	0	16.12	16.07	16.00	17.70
3	256QAM	1	0	15.99	16.06	16.11	17.70
3	256QAM	1	8	16.07	16.16	16.11	17.70
3	256QAM	1	14	16.01	16.02	15.96	17.70
3	256QAM	8	0	16.00	16.16	15.90	17.70
3	256QAM	8	4	15.95	16.15	16.00	17.70
3	256QAM	8	7	16.03	16.17	15.95	17.70
3	256QAM	15	0	16.07	16.02	15.96	17.70
Channel				131979	132322	132665	Tune-up limit
Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	16.08	16.20	16.01	17.70
1.4	QPSK	1	3	16.00	16.10	16.05	17.70
1.4	QPSK	1	5	16.14	16.10	16.05	17.70
1.4	QPSK	3	0	15.99	16.11	16.05	17.70
1.4	QPSK	3	1	16.04	16.14	16.03	17.70
1.4	QPSK	3	3	16.00	16.13	16.01	17.70
1.4	QPSK	6	0	15.96	16.16	15.94	17.70
1.4	16QAM	1	0	16.01	16.12	16.06	17.70
1.4	16QAM	1	3	15.97	16.11	16.04	17.70
1.4	16QAM	1	5	16.03	16.01	16.04	17.70
1.4	16QAM	3	0	16.01	16.17	16.15	17.70
1.4	16QAM	3	1	15.99	16.18	15.95	17.70
1.4	16QAM	3	3	16.00	16.15	15.98	17.70
1.4	16QAM	6	0	16.08	15.99	16.05	17.70
1.4	64QAM	1	0	16.07	16.11	15.96	17.70
1.4	64QAM	1	3	15.96	16.12	16.06	17.70
1.4	64QAM	1	5	15.98	16.17	16.06	17.70
1.4	64QAM	3	0	16.10	16.07	16.02	17.70
1.4	64QAM	3	1	15.99	16.15	16.01	17.70
1.4	64QAM	3	3	16.08	16.08	16.11	17.70
1.4	64QAM	6	0	16.13	16.11	16.03	17.70
1.4	256QAM	1	0	16.08	16.16	16.02	17.70
1.4	256QAM	1	3	16.07	16.06	16.10	17.70
1.4	256QAM	1	5	15.94	16.03	15.92	17.70
1.4	256QAM	3	0	15.94	16.09	15.97	17.70
1.4	256QAM	3	1	15.98	16.17	15.95	17.70
1.4	256QAM	3	3	15.99	16.14	15.97	17.70
1.4	256QAM	6	0	16.07	15.99	15.96	17.70

【LTE Band 71_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				133222	133297	133372	Tune-up limit (dBm)
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	24.01	24.03	24.02	25.10
20	QPSK	1	49	23.89	24.00	23.97	25.10
20	QPSK	1	99	23.81	23.96	23.94	25.10
20	QPSK	50	0	22.83	23.16	23.00	24.10
20	QPSK	50	24	22.92	22.99	23.07	24.10
20	QPSK	50	50	22.80	23.07	23.02	24.10
20	QPSK	100	0	22.82	23.12	23.03	24.10
20	16QAM	1	0	22.95	23.15	22.98	24.10
20	16QAM	1	49	22.82	23.09	23.02	24.10
20	16QAM	1	99	22.94	23.06	23.01	24.10
20	16QAM	50	0	21.85	22.20	21.97	23.10
20	16QAM	50	24	21.89	22.05	22.10	23.10
20	16QAM	50	50	21.94	22.10	22.06	23.10
20	16QAM	100	0	21.88	22.04	22.04	23.10
20	64QAM	1	0	21.88	22.08	22.01	23.10
20	64QAM	1	49	21.89	22.18	21.95	23.10
20	64QAM	1	99	21.93	22.11	22.07	23.10
20	64QAM	50	0	20.86	21.13	21.08	22.10
20	64QAM	50	24	20.88	21.06	21.01	22.10
20	64QAM	50	50	20.92	21.08	21.07	22.10
20	64QAM	100	0	20.98	21.13	20.98	22.10
20	256QAM	1	0	18.88	19.14	19.13	20.10
20	256QAM	1	49	18.94	19.12	19.10	20.10
20	256QAM	1	99	18.82	19.06	19.00	20.10
20	256QAM	50	0	18.89	19.17	18.95	20.10
20	256QAM	50	24	18.80	18.99	18.97	20.10
20	256QAM	50	50	18.86	19.02	18.97	20.10
20	256QAM	100	0	18.81	19.07	19.04	20.10
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	23.98	23.89	23.93	25.10
15	QPSK	1	37	23.81	23.87	23.86	25.10
15	QPSK	1	74	23.72	23.85	23.79	25.10
15	QPSK	36	0	22.76	23.06	22.96	24.10
15	QPSK	36	20	22.83	22.95	23.04	24.10
15	QPSK	36	39	22.76	22.96	22.98	24.10
15	QPSK	75	0	22.79	23.01	22.94	24.10
15	16QAM	1	0	22.81	23.09	22.84	24.10
15	16QAM	1	37	22.79	23.04	22.96	24.10
15	16QAM	1	74	22.86	22.98	22.87	24.10
15	16QAM	36	0	21.72	22.19	21.89	23.10
15	16QAM	36	20	21.83	21.96	22.07	23.10
15	16QAM	36	39	21.90	22.01	21.93	23.10
15	16QAM	75	0	21.77	22.00	21.95	23.10
15	64QAM	1	0	21.84	21.97	21.93	23.10
15	64QAM	1	37	21.75	22.16	21.91	23.10
15	64QAM	1	74	21.90	21.97	21.93	23.10
15	64QAM	36	0	20.73	21.09	20.93	22.10
15	64QAM	36	20	20.82	21.02	20.90	22.10
15	64QAM	36	39	20.80	20.99	20.94	22.10
15	64QAM	75	0	20.93	21.04	20.90	22.10
15	256QAM	1	0	18.73	19.02	19.07	20.10
15	256QAM	1	37	18.88	19.10	18.97	20.10
15	256QAM	1	74	18.79	19.03	18.92	20.10
15	256QAM	36	0	18.87	19.10	18.89	20.10
15	256QAM	36	20	18.67	18.91	18.84	20.10
15	256QAM	36	39	18.76	18.98	18.93	20.10
15	256QAM	75	0	18.74	18.99	18.98	20.10
Channel				133172	133297	133422	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	23.96	23.94	23.89	25.10
10	QPSK	1	25	23.85	23.93	23.83	25.10
10	QPSK	1	49	23.69	23.84	23.80	25.10
10	QPSK	25	0	22.80	23.03	22.97	24.10
10	QPSK	25	12	22.87	22.88	23.05	24.10
10	QPSK	25	25	22.69	23.06	22.90	24.10
10	QPSK	50	0	22.78	23.08	22.98	24.10
10	16QAM	1	0	22.91	23.09	22.94	24.10

10	16QAM	1	25	22.69	23.04	22.96	24.10
10	16QAM	1	49	22.93	23.00	22.94	24.10
10	16QAM	25	0	21.75	22.06	21.84	23.10
10	16QAM	25	12	21.75	22.03	22.06	23.10
10	16QAM	25	25	21.88	22.08	21.92	23.10
10	16QAM	50	0	21.85	21.94	21.97	23.10
10	64QAM	1	0	21.84	22.02	21.97	23.10
10	64QAM	1	25	21.79	22.10	21.89	23.10
10	64QAM	1	49	21.87	22.03	21.95	23.10
10	64QAM	25	0	20.83	20.99	20.99	22.10
10	64QAM	25	12	20.76	20.96	20.97	22.10
10	64QAM	25	25	20.82	21.05	21.05	22.10
10	64QAM	50	0	20.92	21.07	20.97	22.10
10	256QAM	1	0	18.82	19.07	18.98	20.10
10	256QAM	1	25	18.92	19.09	19.06	20.10
10	256QAM	1	49	18.79	19.00	18.91	20.10
10	256QAM	25	0	18.88	19.09	18.89	20.10
10	256QAM	25	12	18.69	18.89	18.89	20.10
10	256QAM	25	25	18.85	18.97	18.88	20.10
10	256QAM	50	0	18.76	18.93	18.99	20.10
Channel				133147	133297	133447	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	QPSK	1	0	23.86	23.91	23.94	25.10
5	QPSK	1	12	23.76	23.88	23.89	25.10
5	QPSK	1	24	23.75	23.87	23.84	25.10
5	QPSK	12	0	22.79	23.14	22.89	24.10
5	QPSK	12	7	22.84	22.87	22.98	24.10
5	QPSK	12	13	22.73	23.01	22.98	24.10
5	QPSK	25	0	22.74	23.03	22.91	24.10
5	16QAM	1	0	22.86	23.13	22.83	24.10
5	16QAM	1	12	22.76	23.02	22.98	24.10
5	16QAM	1	24	22.80	22.95	22.87	24.10
5	16QAM	12	0	21.75	22.07	21.90	23.10
5	16QAM	12	7	21.77	21.96	21.96	23.10
5	16QAM	12	13	21.81	22.03	21.97	23.10
5	16QAM	25	0	21.80	21.90	21.99	23.10
5	64QAM	1	0	21.74	21.95	21.99	23.10
5	64QAM	1	12	21.79	22.12	21.89	23.10
5	64QAM	1	24	21.86	21.99	21.97	23.10
5	64QAM	12	0	20.72	21.01	21.05	22.10
5	64QAM	12	7	20.81	20.94	20.87	22.10
5	64QAM	12	13	20.86	21.01	20.98	22.10
5	64QAM	25	0	20.84	20.99	20.96	22.10
5	256QAM	1	0	18.78	19.10	19.00	20.10
5	256QAM	1	12	18.88	19.03	19.03	20.10
5	256QAM	1	24	18.77	19.02	18.92	20.10
5	256QAM	12	0	18.78	19.08	18.86	20.10
5	256QAM	12	7	18.77	18.97	18.96	20.10
5	256QAM	12	13	18.82	18.88	18.84	20.10
5	256QAM	25	0	18.73	18.92	18.92	20.10

【LTE Band 71_Ant 8_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133297	133372	
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	24.01	24.03	24.02	25.10
20	QPSK	1	49	23.89	24.00	23.97	25.10
20	QPSK	1	99	23.81	23.96	23.94	25.10
20	QPSK	50	0	22.83	23.16	23.00	24.10
20	QPSK	50	24	22.92	22.99	23.07	24.10
20	QPSK	50	50	22.80	23.07	23.02	24.10
20	QPSK	100	0	22.82	23.12	23.03	24.10
20	16QAM	1	0	22.95	23.15	22.98	24.10
20	16QAM	1	49	22.82	23.09	23.02	24.10
20	16QAM	1	99	22.94	23.06	23.01	24.10
20	16QAM	50	0	21.85	22.20	21.97	23.10
20	16QAM	50	24	21.89	22.05	22.10	23.10
20	16QAM	50	50	21.94	22.10	22.06	23.10
20	16QAM	100	0	21.88	22.04	22.04	23.10
20	64QAM	1	0	21.88	22.08	22.01	23.10
20	64QAM	1	49	21.89	22.18	21.95	23.10

20	64QAM	1	99	21.93	22.11	22.07	23.10
20	64QAM	50	0	20.86	21.13	21.08	22.10
20	64QAM	50	24	20.88	21.06	21.01	22.10
20	64QAM	50	50	20.92	21.08	21.07	22.10
20	64QAM	100	0	20.98	21.13	20.98	22.10
20	256QAM	1	0	18.88	19.14	19.13	20.10
20	256QAM	1	49	18.94	19.12	19.10	20.10
20	256QAM	1	99	18.82	19.06	19.00	20.10
20	256QAM	50	0	18.89	19.17	18.95	20.10
20	256QAM	50	24	18.80	18.99	18.97	20.10
20	256QAM	50	50	18.86	19.02	18.97	20.10
20	256QAM	100	0	18.81	19.07	19.04	20.10
Channel				133197	133297	133397	Tune-up limit
Frequency (MHz)				670.5	680.5	690.5	(dBm)
15	QPSK	1	0	23.98	23.89	23.93	25.10
15	QPSK	1	37	23.81	23.87	23.86	25.10
15	QPSK	1	74	23.72	23.85	23.79	25.10
15	QPSK	36	0	22.76	23.06	22.96	24.10
15	QPSK	36	20	22.83	22.95	23.04	24.10
15	QPSK	36	39	22.76	22.96	22.98	24.10
15	QPSK	75	0	22.79	23.01	22.94	24.10
15	16QAM	1	0	22.81	23.09	22.84	24.10
15	16QAM	1	37	22.79	23.04	22.96	24.10
15	16QAM	1	74	22.86	22.98	22.87	24.10
15	16QAM	36	0	21.72	22.19	21.89	23.10
15	16QAM	36	20	21.83	21.96	22.07	23.10
15	16QAM	36	39	21.90	22.01	21.93	23.10
15	16QAM	75	0	21.77	22.00	21.95	23.10
15	64QAM	1	0	21.84	21.97	21.93	23.10
15	64QAM	1	37	21.75	22.16	21.91	23.10
15	64QAM	1	74	21.90	21.97	21.93	23.10
15	64QAM	36	0	20.73	21.09	20.93	22.10
15	64QAM	36	20	20.82	21.02	20.90	22.10
15	64QAM	36	39	20.80	20.99	20.94	22.10
15	64QAM	75	0	20.93	21.04	20.90	22.10
15	256QAM	1	0	18.73	19.02	19.07	20.10
15	256QAM	1	37	18.88	19.10	18.97	20.10
15	256QAM	1	74	18.79	19.03	18.92	20.10
15	256QAM	36	0	18.87	19.10	18.89	20.10
15	256QAM	36	20	18.67	18.91	18.84	20.10
15	256QAM	36	39	18.76	18.98	18.93	20.10
15	256QAM	75	0	18.74	18.99	18.98	20.10
Channel				133172	133297	133422	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	QPSK	1	0	23.96	23.94	23.89	25.10
10	QPSK	1	25	23.85	23.93	23.83	25.10
10	QPSK	1	49	23.69	23.84	23.80	25.10
10	QPSK	25	0	22.80	23.03	22.97	24.10
10	QPSK	25	12	22.87	22.88	23.05	24.10
10	QPSK	25	25	22.69	23.06	22.90	24.10
10	QPSK	50	0	22.78	23.08	22.98	24.10
10	16QAM	1	0	22.91	23.09	22.94	24.10
10	16QAM	1	25	22.69	23.04	22.96	24.10
10	16QAM	1	49	22.93	23.00	22.94	24.10
10	16QAM	25	0	21.75	22.06	21.84	23.10
10	16QAM	25	12	21.75	22.03	22.06	23.10
10	16QAM	25	25	21.88	22.08	21.92	23.10
10	16QAM	50	0	21.85	21.94	21.97	23.10
10	64QAM	1	0	21.84	22.02	21.97	23.10
10	64QAM	1	25	21.79	22.10	21.89	23.10
10	64QAM	1	49	21.87	22.03	21.95	23.10
10	64QAM	25	0	20.83	20.99	20.99	22.10
10	64QAM	25	12	20.76	20.96	20.97	22.10
10	64QAM	25	25	20.82	21.05	21.05	22.10
10	64QAM	50	0	20.92	21.07	20.97	22.10
10	256QAM	1	0	18.82	19.07	18.98	20.10
10	256QAM	1	25	18.92	19.09	19.06	20.10
10	256QAM	1	49	18.79	19.00	18.91	20.10
10	256QAM	25	0	18.88	19.09	18.89	20.10
10	256QAM	25	12	18.69	18.89	18.89	20.10
10	256QAM	25	25	18.85	18.97	18.88	20.10
10	256QAM	50	0	18.76	18.93	18.99	20.10
Channel				133147	133297	133447	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	QPSK	1	0	23.86	23.91	23.94	25.10
5	QPSK	1	12	23.76	23.88	23.89	25.10
5	QPSK	1	24	23.75	23.87	23.84	25.10
5	QPSK	12	0	22.79	23.14	22.89	24.10

5	QPSK	12	7	22.84	22.87	22.98	24.10
5	QPSK	12	13	22.73	23.01	22.98	24.10
5	QPSK	25	0	22.74	23.03	22.91	24.10
5	16QAM	1	0	22.86	23.13	22.83	24.10
5	16QAM	1	12	22.76	23.02	22.98	24.10
5	16QAM	1	24	22.80	22.95	22.87	24.10
5	16QAM	12	0	21.75	22.07	21.90	23.10
5	16QAM	12	7	21.77	21.96	21.96	23.10
5	16QAM	12	13	21.81	22.03	21.97	23.10
5	16QAM	25	0	21.80	21.90	21.99	23.10
5	64QAM	1	0	21.74	21.95	21.99	23.10
5	64QAM	1	12	21.79	22.12	21.89	23.10
5	64QAM	1	24	21.86	21.99	21.97	23.10
5	64QAM	12	0	20.72	21.01	21.05	22.10
5	64QAM	12	7	20.81	20.94	20.87	22.10
5	64QAM	12	13	20.86	21.01	20.98	22.10
5	64QAM	25	0	20.84	20.99	20.96	22.10
5	256QAM	1	0	18.78	19.10	19.00	20.10
5	256QAM	1	12	18.88	19.03	19.03	20.10
5	256QAM	1	24	18.77	19.02	18.92	20.10
5	256QAM	12	0	18.78	19.08	18.86	20.10
5	256QAM	12	7	18.77	18.97	18.96	20.10
5	256QAM	12	13	18.82	18.88	18.84	20.10
5	256QAM	25	0	18.73	18.92	18.92	20.10

【LTE Band 71_Ant 8_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133297	133372	Tune-up limit (dBm)
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	21.58	21.61	21.60	23.30
20	QPSK	1	49	21.56	21.56	21.55	23.30
20	QPSK	1	99	21.48	21.51	21.53	23.30
20	QPSK	50	0	21.47	21.60	21.57	23.30
20	QPSK	50	24	21.50	21.52	21.50	23.30
20	QPSK	50	50	21.57	21.58	21.56	23.30
20	QPSK	100	0	21.54	21.51	21.54	23.30
20	16QAM	1	0	21.49	21.52	21.54	23.30
20	16QAM	1	49	21.57	21.55	21.56	23.30
20	16QAM	1	99	21.56	21.55	21.57	23.30
20	16QAM	50	0	21.45	21.39	21.37	23.10
20	16QAM	50	24	21.36	21.41	21.36	23.10
20	16QAM	50	50	21.44	21.46	21.39	23.10
20	16QAM	100	0	21.43	21.38	21.37	23.10
20	64QAM	1	0	21.39	21.39	21.43	23.10
20	64QAM	1	49	21.40	21.47	21.40	23.10
20	64QAM	1	99	21.43	21.42	21.45	23.10
20	64QAM	50	0	20.34	20.42	20.41	22.10
20	64QAM	50	24	20.36	20.44	20.40	22.10
20	64QAM	50	50	20.37	20.46	20.46	22.10
20	64QAM	100	0	20.45	20.43	20.41	22.10
20	256QAM	1	0	18.33	18.40	18.38	20.10
20	256QAM	1	49	18.33	18.40	18.35	20.10
20	256QAM	1	99	18.44	18.45	18.45	20.10
20	256QAM	50	0	18.35	18.42	18.42	20.10
20	256QAM	50	24	18.34	18.47	18.43	20.10
20	256QAM	50	50	18.34	18.39	18.45	20.10
20	256QAM	100	0	18.38	18.43	18.42	20.10
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	21.49	21.51	21.48	23.30
15	QPSK	1	37	21.52	21.55	21.50	23.30
15	QPSK	1	74	21.43	21.37	21.42	23.30
15	QPSK	36	0	21.33	21.47	21.44	23.30
15	QPSK	36	20	21.45	21.50	21.38	23.30
15	QPSK	36	39	21.55	21.48	21.43	23.30
15	QPSK	75	0	21.46	21.38	21.49	23.30
15	16QAM	1	0	21.44	21.46	21.49	23.30
15	16QAM	1	37	21.54	21.50	21.52	23.30
15	16QAM	1	74	21.46	21.49	21.47	23.30
15	16QAM	36	0	21.44	21.38	21.32	23.10
15	16QAM	36	20	21.23	21.30	21.28	23.10

15	16QAM	36	39	21.38	21.32	21.29	23.10
15	16QAM	75	0	21.31	21.32	21.32	23.10
15	64QAM	1	0	21.26	21.27	21.29	23.10
15	64QAM	1	37	21.32	21.45	21.29	23.10
15	64QAM	1	74	21.34	21.37	21.35	23.10
15	64QAM	36	0	20.21	20.41	20.34	22.10
15	64QAM	36	20	20.31	20.41	20.36	22.10
15	64QAM	36	39	20.26	20.33	20.34	22.10
15	64QAM	75	0	20.37	20.39	20.33	22.10
15	256QAM	1	0	18.21	18.32	18.24	20.10
15	256QAM	1	37	18.27	18.26	18.22	20.10
15	256QAM	1	74	18.41	18.34	18.40	20.10
15	256QAM	36	0	18.30	18.32	18.36	20.10
15	256QAM	36	20	18.25	18.39	18.39	20.10
15	256QAM	36	39	18.20	18.30	18.40	20.10
15	256QAM	75	0	18.35	18.38	18.40	20.10
Channel				133172	133297	133422	Tune-up limit
Frequency (MHz)				668	680.5	693	(dBm)
10	QPSK	1	0	21.55	21.49	21.59	23.30
10	QPSK	1	25	21.53	21.51	21.47	23.30
10	QPSK	1	49	21.33	21.41	21.50	23.30
10	QPSK	25	0	21.45	21.47	21.50	23.30
10	QPSK	25	12	21.35	21.39	21.44	23.30
10	QPSK	25	25	21.54	21.55	21.48	23.30
10	QPSK	50	0	21.52	21.48	21.46	23.30
10	16QAM	1	0	21.47	21.45	21.40	23.30
10	16QAM	1	25	21.46	21.48	21.50	23.30
10	16QAM	1	49	21.52	21.45	21.52	23.30
10	16QAM	25	0	21.32	21.32	21.23	23.10
10	16QAM	25	12	21.30	21.28	21.27	23.10
10	16QAM	25	25	21.33	21.42	21.37	23.10
10	16QAM	50	0	21.41	21.30	21.29	23.10
10	64QAM	1	0	21.25	21.32	21.41	23.10
10	64QAM	1	25	21.26	21.42	21.33	23.10
10	64QAM	1	49	21.40	21.32	21.41	23.10
10	64QAM	25	0	20.19	20.29	20.27	22.10
10	64QAM	25	12	20.27	20.42	20.27	22.10
10	64QAM	25	25	20.26	20.39	20.33	22.10
10	64QAM	50	0	20.31	20.39	20.30	22.10
10	256QAM	1	0	18.23	18.30	18.30	20.10
10	256QAM	1	25	18.30	18.35	18.29	20.10
10	256QAM	1	49	18.34	18.43	18.44	20.10
10	256QAM	25	0	18.31	18.34	18.40	20.10
10	256QAM	25	12	18.26	18.44	18.37	20.10
10	256QAM	25	25	18.31	18.37	18.35	20.10
10	256QAM	50	0	18.24	18.34	18.34	20.10
Channel				133147	133297	133447	Tune-up limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	QPSK	1	0	21.51	21.56	21.59	23.30
5	QPSK	1	12	21.41	21.54	21.41	23.30
5	QPSK	1	24	21.36	21.47	21.46	23.30
5	QPSK	12	0	21.34	21.51	21.47	23.30
5	QPSK	12	7	21.40	21.38	21.35	23.30
5	QPSK	12	13	21.48	21.44	21.41	23.30
5	QPSK	25	0	21.40	21.40	21.47	23.30
5	16QAM	1	0	21.47	21.51	21.53	23.30
5	16QAM	1	12	21.55	21.43	21.45	23.30
5	16QAM	1	24	21.43	21.53	21.50	23.30
5	16QAM	12	0	21.42	21.34	21.29	23.10
5	16QAM	12	7	21.33	21.35	21.32	23.10
5	16QAM	12	13	21.30	21.31	21.27	23.10
5	16QAM	25	0	21.30	21.23	21.24	23.10
5	64QAM	1	0	21.30	21.34	21.40	23.10
5	64QAM	1	12	21.26	21.43	21.32	23.10
5	64QAM	1	24	21.31	21.29	21.31	23.10
5	64QAM	12	0	20.29	20.40	20.32	22.10
5	64QAM	12	7	20.29	20.39	20.38	22.10
5	64QAM	12	13	20.32	20.31	20.40	22.10
5	64QAM	25	0	20.34	20.34	20.38	22.10
5	256QAM	1	0	18.19	18.38	18.27	20.10
5	256QAM	1	12	18.22	18.35	18.30	20.10
5	256QAM	1	24	18.38	18.32	18.44	20.10
5	256QAM	12	0	18.23	18.38	18.33	20.10
5	256QAM	12	7	18.27	18.35	18.28	20.10
5	256QAM	12	13	18.29	18.28	18.43	20.10
5	256QAM	25	0	18.32	18.30	18.29	20.10

LTE Band 53 Ant8 Full Power&DSi0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				60190	60197.5	60205	
Frequency (MHz)				2488.5	2489.25	2490	
10	QPSK	1	0	24.45	24.55	24.44	25.1
10	QPSK	1	25	24.40	24.51	24.42	
10	QPSK	1	49	24.29	24.43	24.33	
10	QPSK	25	0	23.43	23.49	23.43	
10	QPSK	25	12	23.47	23.50	23.43	24.1
10	QPSK	25	25	23.38	23.42	23.38	
10	QPSK	50	0	23.34	23.41	23.30	
10	16QAM	1	0	23.50	23.53	23.41	
10	16QAM	1	25	23.45	23.55	23.50	24.1
10	16QAM	1	49	23.36	23.44	23.39	
10	16QAM	25	0	22.36	22.48	22.39	
10	16QAM	25	12	22.43	22.46	22.39	
10	16QAM	25	25	22.28	22.40	22.30	23.1
10	16QAM	50	0	22.39	22.43	22.39	
10	64QAM	1	0	22.29	22.41	22.33	
10	64QAM	1	25	22.33	22.43	22.32	
10	64QAM	1	49	22.43	22.50	22.40	23.1
10	64QAM	25	0	21.38	21.47	21.38	
10	64QAM	25	12	21.31	21.44	21.32	
10	64QAM	25	25	21.32	21.41	21.27	
10	64QAM	50	0	21.30	21.43	21.33	22.1
10	256QAM	1	0	19.33	19.38	19.31	
10	256QAM	1	25	19.30	19.42	19.30	
10	256QAM	1	49	19.25	19.32	19.23	
10	256QAM	25	0	19.30	19.41	19.33	20.1
10	256QAM	25	12	19.40	19.44	19.38	
10	256QAM	25	25	19.31	19.45	19.30	
10	256QAM	50	0	19.36	19.43	19.39	
Channel				60165	60197.5	60230	Tune-up limit (dBm)
Frequency (MHz)				2486	2489.25	2492.5	
5	QPSK	1	0	24.36	24.43	24.35	25.1
5	QPSK	1	12	24.45	24.46	24.42	
5	QPSK	1	24	24.32	24.40	24.36	
5	QPSK	12	0	23.41	23.42	23.40	
5	QPSK	12	7	23.41	23.42	23.39	24.1
5	QPSK	12	13	23.35	23.38	23.28	
5	QPSK	25	0	23.29	23.30	23.27	
5	16QAM	1	0	23.38	23.39	23.44	
5	16QAM	1	12	23.49	23.45	23.47	24.1
5	16QAM	1	24	23.33	23.34	23.31	
5	16QAM	12	0	22.43	22.43	22.45	
5	16QAM	12	7	22.33	22.32	22.36	
5	16QAM	12	13	22.34	22.29	22.27	23.1
5	16QAM	25	0	22.39	22.32	22.36	
5	64QAM	1	0	22.30	22.30	22.36	
5	64QAM	1	12	22.37	22.34	22.39	
5	64QAM	1	24	22.39	22.45	22.42	23.1
5	64QAM	12	0	21.37	21.44	21.40	
5	64QAM	12	7	21.37	21.36	21.39	
5	64QAM	12	13	21.32	21.30	21.33	
5	64QAM	25	0	21.38	21.39	21.33	22.1
5	256QAM	1	0	19.33	19.24	19.26	
5	256QAM	1	12	19.39	19.39	19.39	
5	256QAM	1	24	19.19	19.24	19.21	
5	256QAM	12	0	19.26	19.27	19.34	20.1
5	256QAM	12	7	19.30	19.36	19.30	
5	256QAM	12	13	19.39	19.38	19.37	
5	256QAM	25	0	19.34	19.39	19.38	
Channel				60155	60197.5	60240	Tune-up limit (dBm)
Frequency (MHz)				2485	2489.25	2493.5	
3	QPSK	1	0	24.40	24.45	24.42	25.1
3	QPSK	1	8	24.43	24.48	24.45	
3	QPSK	1	14	24.36	24.32	24.31	
3	QPSK	8	0	23.41	23.43	23.40	
3	QPSK	8	4	23.44	23.46	23.46	24.1
3	QPSK	8	7	23.35	23.32	23.33	
3	QPSK	15	0	23.35	23.35	23.27	
3	16QAM	1	0	23.46	23.50	23.41	
3	16QAM	1	8	23.48	23.46	23.44	24.1

3	16QAM	1	14	23.40	23.38	23.39	23.1
3	16QAM	8	0	22.38	22.35	22.34	
3	16QAM	8	4	22.42	22.36	22.37	
3	16QAM	8	7	22.26	22.37	22.26	
3	16QAM	15	0	22.38	22.38	22.37	23.1
3	64QAM	1	0	22.27	22.28	22.29	
3	64QAM	1	8	22.35	22.29	22.37	
3	64QAM	1	14	22.40	22.45	22.45	
3	64QAM	8	0	21.36	21.41	21.36	22.1
3	64QAM	8	4	21.33	21.29	21.30	
3	64QAM	8	7	21.35	21.36	21.37	
3	64QAM	15	0	21.37	21.33	21.37	
3	256QAM	1	0	19.34	19.35	19.33	20.1
3	256QAM	1	8	19.33	19.35	19.38	
3	256QAM	1	14	19.27	19.23	19.18	
3	256QAM	8	0	19.29	19.36	19.31	
3	256QAM	8	4	19.37	19.35	19.40	20.1
3	256QAM	8	7	19.32	19.38	19.32	
3	256QAM	15	0	19.37	19.29	19.28	
Channel				60147	60197.5	60248	Tune-up limit (dBm)
Frequency (MHz)				2484.2	2489.25	2494.3	
1.4	QPSK	1	0	24.38	24.39	24.35	25.1
1.4	QPSK	1	3	24.32	24.41	24.32	
1.4	QPSK	1	5	24.30	24.31	24.35	
1.4	QPSK	3	0	23.34	23.32	23.41	
1.4	QPSK	3	1	23.32	23.32	23.36	
1.4	QPSK	3	3	23.23	23.26	23.30	
1.4	QPSK	6	0	23.23	23.30	23.27	24.1
1.4	16QAM	1	0	23.36	23.35	23.39	24.1
1.4	16QAM	1	3	23.43	23.46	23.44	
1.4	16QAM	1	5	23.33	23.28	23.28	
1.4	16QAM	3	0	22.38	22.31	22.32	
1.4	16QAM	3	1	22.31	22.36	22.32	
1.4	16QAM	3	3	22.23	22.29	22.31	
1.4	16QAM	6	0	22.28	22.32	22.31	23.1
1.4	64QAM	1	0	22.25	22.26	22.23	23.1
1.4	64QAM	1	3	22.33	22.25	22.35	
1.4	64QAM	1	5	22.30	22.38	22.30	
1.4	64QAM	3	0	21.32	21.38	21.30	
1.4	64QAM	3	1	21.27	21.27	21.28	
1.4	64QAM	3	3	21.29	21.27	21.32	
1.4	64QAM	6	0	21.29	21.33	21.26	22.1
1.4	256QAM	1	0	19.27	19.23	19.19	20.1
1.4	256QAM	1	3	19.27	19.25	19.25	
1.4	256QAM	1	5	19.16	19.14	19.23	
1.4	256QAM	3	0	19.31	19.32	19.33	
1.4	256QAM	3	1	19.32	19.30	19.33	
1.4	256QAM	3	3	19.35	19.27	19.36	
1.4	256QAM	6	0	19.24	19.26	19.31	20.1

LTE Band 53 Ant8 DSI7							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				60190	60197.5	60205	
Frequency (MHz)				2488.5	2489.25	2490	
10	QPSK	1	0	16.11	16.15	16.13	17.4
10	QPSK	1	25	15.92	16.10	15.91	
10	QPSK	1	49	15.93	16.08	15.93	
10	QPSK	25	0	16.05	16.10	16.09	17.4
10	QPSK	25	12	15.93	16.04	16.00	
10	QPSK	25	25	16.02	16.04	15.99	
10	QPSK	50	0	15.94	16.00	15.93	17.4
10	16QAM	1	0	15.95	16.08	15.99	
10	16QAM	1	25	16.01	16.10	15.91	
10	16QAM	1	49	15.99	16.09	15.95	17.4
10	16QAM	25	0	15.98	16.11	15.99	
10	16QAM	25	12	15.96	16.07	15.92	
10	16QAM	25	25	15.94	16.05	15.95	17.4
10	16QAM	50	0	15.92	16.12	15.98	
10	64QAM	1	0	15.92	16.03	15.90	
10	64QAM	1	25	16.02	16.10	15.97	17.4
10	64QAM	1	49	15.98	16.04	15.96	
10	64QAM	25	0	15.97	16.05	15.97	
10	64QAM	25	12	16.00	16.06	15.89	17.4
10	64QAM	25	25	15.92	16.01	15.89	

10	64QAM	50	0	15.95	16.10	15.96	17.4
10	256QAM	1	0	15.99	16.07	15.89	
10	256QAM	1	25	15.96	16.06	16.00	
10	256QAM	1	49	15.92	16.03	15.90	
10	256QAM	25	0	15.99	16.06	15.91	17.4
10	256QAM	25	12	15.91	16.10	15.97	
10	256QAM	25	25	15.92	16.04	16.00	
10	256QAM	50	0	16.01	16.05	15.92	
Channel				60165	60197.5	60230	Tune-up limit (dBm)
Frequency (MHz)				2486	2489.25	2492.5	
5	QPSK	1	0	16.03	16.11	16.10	17.4
5	QPSK	1	12	15.81	16.04	15.87	
5	QPSK	1	24	15.90	16.00	15.87	
5	QPSK	12	0	15.97	15.97	15.94	
5	QPSK	12	7	15.88	15.98	15.94	17.4
5	QPSK	12	13	15.97	15.90	15.95	
5	QPSK	25	0	15.79	15.91	15.88	
5	16QAM	1	0	15.89	16.01	15.89	
5	16QAM	1	12	15.95	16.05	15.79	17.4
5	16QAM	1	24	15.84	16.01	15.88	
5	16QAM	12	0	15.88	16.07	15.86	
5	16QAM	12	7	15.91	16.01	15.82	
5	16QAM	12	13	15.81	15.98	15.80	17.4
5	16QAM	25	0	15.78	16.07	15.94	
5	64QAM	1	0	15.86	15.90	15.80	
5	64QAM	1	12	15.89	16.05	15.85	
5	64QAM	1	24	15.91	15.93	15.82	17.4
5	64QAM	12	0	15.82	15.93	15.94	
5	64QAM	12	7	15.95	15.99	15.82	
5	64QAM	12	13	15.85	15.96	15.77	
5	64QAM	25	0	15.84	16.00	15.91	17.4
5	256QAM	1	0	15.89	15.98	15.75	
5	256QAM	1	12	15.82	15.91	15.94	
5	256QAM	1	24	15.87	15.97	15.86	
5	256QAM	12	0	15.93	16.02	15.84	17.4
5	256QAM	12	7	15.79	16.02	15.94	
5	256QAM	12	13	15.81	15.99	15.96	
5	256QAM	25	0	15.97	15.91	15.80	
Channel				60155	60197.5	60240	Tune-up limit (dBm)
Frequency (MHz)				2485	2489.25	2493.5	
3	QPSK	1	0	16.05	16.06	16.07	17.4
3	QPSK	1	8	15.78	16.03	15.84	
3	QPSK	1	14	15.79	16.04	15.86	
3	QPSK	8	0	15.95	16.02	15.98	
3	QPSK	8	4	15.87	15.89	15.86	17.4
3	QPSK	8	7	15.96	15.95	15.90	
3	QPSK	15	0	15.84	15.88	15.82	
3	16QAM	1	0	15.86	16.03	15.87	
3	16QAM	1	8	15.88	15.98	15.82	17.4
3	16QAM	1	14	15.87	16.00	15.90	
3	16QAM	8	0	15.83	16.03	15.94	
3	16QAM	8	4	15.91	15.97	15.82	
3	16QAM	8	7	15.80	16.00	15.87	17.4
3	16QAM	15	0	15.79	16.06	15.94	
3	64QAM	1	0	15.81	15.89	15.82	
3	64QAM	1	8	15.88	15.97	15.93	
3	64QAM	1	14	15.94	15.96	15.86	17.4
3	64QAM	8	0	15.90	15.92	15.82	
3	64QAM	8	4	15.96	15.99	15.81	
3	64QAM	8	7	15.84	15.96	15.78	
3	64QAM	15	0	15.91	16.03	15.92	17.4
3	256QAM	1	0	15.84	16.02	15.85	
3	256QAM	1	8	15.87	16.03	15.95	
3	256QAM	1	14	15.79	15.91	15.79	
3	256QAM	8	0	15.87	15.96	15.78	17.4
3	256QAM	8	4	15.78	16.00	15.91	
3	256QAM	8	7	15.87	15.98	15.91	
3	256QAM	15	0	15.96	15.95	15.81	
Channel				60147	60197.5	60248	Tune-up limit (dBm)
Frequency (MHz)				2484.2	2489.25	2494.3	
1.4	QPSK	1	0	15.98	16.02	16.06	17.4
1.4	QPSK	1	3	15.82	15.97	15.77	
1.4	QPSK	1	5	15.81	16.00	15.87	
1.4	QPSK	3	0	16.00	16.02	16.02	
1.4	QPSK	3	1	15.88	15.94	15.90	
1.4	QPSK	3	3	15.96	15.97	15.95	
1.4	QPSK	6	0	15.79	15.91	15.82	17.4
1.4	16QAM	1	0	15.92	15.94	15.94	17.4

1.4	16QAM	1	3	15.98	16.05	15.77	
1.4	16QAM	1	5	15.85	16.05	15.85	
1.4	16QAM	3	0	15.92	15.98	15.94	
1.4	16QAM	3	1	15.87	15.99	15.81	
1.4	16QAM	3	3	15.91	15.97	15.86	17.4
1.4	16QAM	6	0	15.77	15.97	15.90	
1.4	64QAM	1	0	15.87	15.99	15.78	
1.4	64QAM	1	3	15.97	15.99	15.88	
1.4	64QAM	1	5	15.95	15.94	15.85	17.4
1.4	64QAM	3	0	15.89	15.97	15.83	
1.4	64QAM	3	1	15.86	16.00	15.80	
1.4	64QAM	3	3	15.88	15.94	15.74	
1.4	64QAM	6	0	15.88	16.02	15.85	17.4
1.4	256QAM	1	0	15.93	16.00	15.85	
1.4	256QAM	1	3	15.87	16.00	15.86	
1.4	256QAM	1	5	15.85	15.89	15.81	
1.4	256QAM	3	0	15.86	16.02	15.87	17.4
1.4	256QAM	3	1	15.81	16.01	15.83	
1.4	256QAM	3	3	15.79	15.92	15.94	
1.4	256QAM	6	0	15.98	15.94	15.84	

LTE Band 106 Ant8 Full Power&DSIO							
Channel				134322		Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				899			
3	QPSK	1 0		23.59		25.1	0
3	QPSK	1 8		23.58			
3	QPSK	1 14		23.56			
3	QPSK	8 0		22.51		24.1	1
3	QPSK	8 4		22.59			
3	QPSK	8 7		22.62			
3	QPSK	15 0		22.55		24.1	1
3	16QAM	1 0		22.22			
3	16QAM	1 8		22.34			
3	16QAM	1 14		22.37		23.1	2
3	16QAM	8 0		21.48			
3	16QAM	8 4		21.51			
3	16QAM	8 7		21.56		23.1	2
3	16QAM	15 0		21.40			
3	64QAM	1 0		21.35			
3	64QAM	1 8		21.57		23.1	2
3	64QAM	1 14		21.55			
3	64QAM	8 0		20.35			
3	64QAM	8 4		20.40		22.1	3
3	64QAM	8 7		20.42			
3	64QAM	15 0		20.49			
3	256QAM	1 0		18.15		20.1	5
3	256QAM	1 8		18.13			
3	256QAM	1 14		18.16			
3	256QAM	8 0		18.13		20.1	5
3	256QAM	8 4		18.22			
3	256QAM	8 7		18.27			
3	256QAM	15 0		18.34			
Channel			134314	134322	134330	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			898.2	899	899.8		
1.4	QPSK	1 0	23.50	23.48	23.45	25.1	0
1.4	QPSK	1 3	23.55	23.52	23.49		
1.4	QPSK	1 5	23.46	23.50	23.50		
1.4	QPSK	3 0	23.49	23.50	23.52		
1.4	QPSK	3 1	23.54	23.53	23.56		
1.4	QPSK	3 3	23.54	23.45	23.45		
1.4	QPSK	6 0	22.58	22.59	22.61	24.1	1
1.4	16QAM	1 0	22.54	22.55	22.57	24.1	1
1.4	16QAM	1 3	22.57	22.59	22.58		
1.4	16QAM	1 5	22.61	22.54	22.58		
1.4	16QAM	3 0	22.63	22.62	22.64		
1.4	16QAM	3 1	22.60	22.61	22.58		
1.4	16QAM	3 3	22.58	22.55	22.66		
1.4	16QAM	6 0	21.61	21.60	21.59	23.1	2
1.4	64QAM	1 0	21.62	21.56	21.63	23.1	2
1.4	64QAM	1 3	21.60	21.63	21.63		
1.4	64QAM	1 5	21.57	21.59	21.63		
1.4	64QAM	3 0	21.57	21.59	21.54		
1.4	64QAM	3 1	21.62	21.64	21.55		
1.4	64QAM	3 3	21.55	21.57	21.57		
1.4	64QAM	6 0	20.61	20.59	20.59	22.1	3
1.4	256QAM	1 0	18.65	18.59	18.57	20.1	5
1.4	256QAM	1 3	18.63	18.57	18.59		
1.4	256QAM	1 5	18.64	18.61	18.57		

1.4	256QAM	3	0	18.61	18.57	18.60		
1.4	256QAM	3	1	18.60	18.56	18.66		
1.4	256QAM	3	3	18.58	18.66	18.64		
1.4	256QAM	6	0	18.62	18.54	18.61	20.1	5

LTE Band 106 Ant8 DSI7								
Channel					134322		Tune-up limit (dBm)	
Frequency (MHz)					899			
3	QPSK	1	0		19.68		20.8	
3	QPSK	1	8		19.55			
3	QPSK	1	14		19.55			
3	QPSK	8	0		19.65		20.8	
3	QPSK	8	4		19.64			
3	QPSK	8	7		19.64			
3	QPSK	15	0		19.64		20.8	
3	16QAM	1	0		19.62			
3	16QAM	1	8		19.58			
3	16QAM	1	14		19.61		20.8	
3	16QAM	8	0		19.55			
3	16QAM	8	4		19.55			
3	16QAM	8	7		19.60		20.8	
3	16QAM	15	0		19.61			
3	64QAM	1	0		19.59			
3	64QAM	1	8		19.54		20.8	
3	64QAM	1	14		19.61			
3	64QAM	8	0		19.60			
3	64QAM	8	4		19.63		20.8	
3	64QAM	8	7		19.57			
3	64QAM	15	0		19.56			
3	256QAM	1	0		18.57		19.8	
3	256QAM	1	8		18.54			
3	256QAM	1	14		18.64			
3	256QAM	8	0		18.57		19.8	
3	256QAM	8	4		18.59			
3	256QAM	8	7		18.66			
3	256QAM	15	0		18.68			
Channel				134314	134322	134330	Tune-up limit (dBm)	
Frequency (MHz)				898.2	899	899.8		
1.4	QPSK	1	0	19.63	19.54	19.62	20.8	
1.4	QPSK	1	3	19.47	19.50	19.45		
1.4	QPSK	1	5	19.49	19.41	19.43		
1.4	QPSK	3	0	19.58	19.61	19.57		
1.4	QPSK	3	1	19.53	19.58	19.57		
1.4	QPSK	3	3	19.51	19.53	19.58		
1.4	QPSK	6	0	19.57	19.56	19.57	20.8	
1.4	16QAM	1	0	19.47	19.50	19.56	20.8	
1.4	16QAM	1	3	19.47	19.48	19.49		
1.4	16QAM	1	5	19.58	19.55	19.52		
1.4	16QAM	3	0	19.48	19.48	19.51		
1.4	16QAM	3	1	19.42	19.45	19.52		
1.4	16QAM	3	3	19.53	19.45	19.50		
1.4	16QAM	6	0	19.57	19.50	19.47	20.8	
1.4	64QAM	1	0	19.55	19.48	19.56	20.8	
1.4	64QAM	1	3	19.48	19.46	19.42		
1.4	64QAM	1	5	19.48	19.53	19.50		
1.4	64QAM	3	0	19.50	19.55	19.53		
1.4	64QAM	3	1	19.60	19.52	19.59		
1.4	64QAM	3	3	19.50	19.51	19.46		
1.4	64QAM	6	0	19.49	19.52	19.41	20.8	
1.4	256QAM	1	0	18.40	18.53	18.46	19.8	
1.4	256QAM	1	3	18.50	18.48	18.47		
1.4	256QAM	1	5	18.46	18.52	18.42		
1.4	256QAM	3	0	18.52	18.60	18.59		
1.4	256QAM	3	1	18.55	18.48	18.51		
1.4	256QAM	3	3	18.65	18.65	18.54		
1.4	256QAM	6	0	18.54	18.56	18.49	19.8	

LTE Band 70 Ant1 Full Power&DSIO							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					133047		
Frequency (MHz)					1702.5		
15	QPSK	1	0		23.81		25.1
15	QPSK	1	37		23.74		
15	QPSK	1	74		23.71		
15	QPSK	36	0		22.72		24.1
15	QPSK	36	20		22.76		
15	QPSK	36	39		22.74		
15	QPSK	75	0		22.77		24.1
15	16QAM	1	0		22.79		
15	16QAM	1	37		22.75		
15	16QAM	1	74		22.80		23.1
15	16QAM	36	0		21.83		
15	16QAM	36	20		21.87		
15	16QAM	36	39		21.85		23.1
15	16QAM	75	0		21.91		
15	64QAM	1	0		21.84		
15	64QAM	1	37		21.89		22.1
15	64QAM	1	74		21.85		
15	64QAM	36	0		20.85		
15	64QAM	36	20		20.85		20.1
15	64QAM	36	39		20.87		
15	64QAM	75	0		20.82		
15	256QAM	1	0		18.80		20.1
15	256QAM	1	37		18.88		
15	256QAM	1	74		18.82		
15	256QAM	36	0		18.89		20.1
15	256QAM	36	20		18.88		
15	256QAM	36	39		18.89		
15	256QAM	75	0		18.84		
Channel				133022	133047	133072	Tune-up limit (dBm)
Frequency (MHz)				1700	1702.5	1705	
10	QPSK	1	0	23.64	23.73	23.64	25.1
10	QPSK	1	25	23.63	23.59	23.65	
10	QPSK	1	49	23.53	23.53	23.59	
10	QPSK	25	0	22.61	22.57	22.56	24.1
10	QPSK	25	12	22.62	22.60	22.66	
10	QPSK	25	25	22.55	22.59	22.59	
10	QPSK	50	0	22.57	22.68	22.63	24.1
10	16QAM	1	0	22.71	22.65	22.61	
10	16QAM	1	25	22.65	22.59	22.63	
10	16QAM	1	49	22.65	22.63	22.63	23.1
10	16QAM	25	0	21.65	21.72	21.65	
10	16QAM	25	12	21.75	21.74	21.72	
10	16QAM	25	25	21.67	21.67	21.67	23.1
10	16QAM	50	0	21.81	21.77	21.82	
10	64QAM	1	0	21.65	21.68	21.70	
10	64QAM	1	25	21.77	21.80	21.71	22.1
10	64QAM	1	49	21.77	21.71	21.68	
10	64QAM	25	0	20.68	20.66	20.70	
10	64QAM	25	12	20.68	20.76	20.72	20.1
10	64QAM	25	25	20.68	20.70	20.69	
10	64QAM	50	0	20.73	20.63	20.71	
10	256QAM	1	0	18.61	18.66	18.65	20.1
10	256QAM	1	25	18.77	18.77	18.75	
10	256QAM	1	49	18.67	18.62	18.63	
10	256QAM	25	0	18.75	18.78	18.70	20.1
10	256QAM	25	12	18.70	18.76	18.76	
10	256QAM	25	25	18.77	18.76	18.75	
10	256QAM	50	0	18.74	18.68	18.72	
Channel				132997	133047	133097	Tune-up limit (dBm)
Frequency (MHz)				1697.5	1702.5	1707.5	
5	QPSK	1	0	23.64	23.73	23.64	25.1
5	QPSK	1	12	23.63	23.59	23.65	
5	QPSK	1	24	23.53	23.53	23.59	
5	QPSK	12	0	22.61	22.57	22.56	24.1
5	QPSK	12	7	22.62	22.60	22.66	
5	QPSK	12	13	22.55	22.59	22.59	
5	QPSK	25	0	22.57	22.68	22.63	24.1
5	16QAM	1	0	22.71	22.65	22.61	
5	16QAM	1	12	22.65	22.59	22.63	
5	16QAM	1	24	22.65	22.63	22.63	23.1
5	16QAM	12	0	21.65	21.72	21.65	

5	16QAM	12	7	21.75	21.74	21.72	23.1
5	16QAM	12	13	21.67	21.67	21.67	
5	16QAM	25	0	21.81	21.77	21.82	
5	64QAM	1	0	21.65	21.68	21.70	
5	64QAM	1	12	21.77	21.80	21.71	22.1
5	64QAM	1	24	21.77	21.71	21.68	
5	64QAM	12	0	20.68	20.66	20.70	
5	64QAM	12	7	20.68	20.76	20.72	
5	64QAM	12	13	20.68	20.70	20.69	20.1
5	64QAM	25	0	20.73	20.63	20.71	
5	256QAM	1	0	18.61	18.66	18.65	
5	256QAM	1	12	18.77	18.77	18.75	
5	256QAM	1	24	18.67	18.62	18.63	20.1
5	256QAM	12	0	18.75	18.78	18.70	
5	256QAM	12	7	18.70	18.76	18.76	
5	256QAM	12	13	18.77	18.76	18.75	
5	256QAM	25	0	18.74	18.68	18.72	

LTE Band 70 Ant1 DSI7							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel Frequency (MHz)					133047		
					1702.5		
15	QPSK	1	0		14.91		16
15	QPSK	1	37		14.83		
15	QPSK	1	74		14.79		
15	QPSK	36	0		14.89		
15	QPSK	36	20		14.86		15
15	QPSK	36	39		14.80		
15	QPSK	75	0		14.84		
15	16QAM	1	0		14.81		
15	16QAM	1	37		14.84		15
15	16QAM	1	74		14.86		
15	16QAM	36	0		14.81		
15	16QAM	36	20		14.76		
15	16QAM	36	39		14.86		14
15	16QAM	75	0		14.82		
15	64QAM	1	0		14.86		
15	64QAM	1	37		14.87		
15	64QAM	1	74		14.82		14
15	64QAM	36	0		14.87		
15	64QAM	36	20		14.84		
15	64QAM	36	39		14.85		
15	64QAM	75	0		14.85		13
15	256QAM	1	0		14.88		
15	256QAM	1	37		14.76		
15	256QAM	1	74		14.87		
15	256QAM	36	0		14.86		11
15	256QAM	36	20		14.84		
15	256QAM	36	39		14.77		
15	256QAM	75	0		14.76		
Channel Frequency (MHz)				133022	133047	133072	Tune-up limit (dBm)
				1700	1702.5	1705	
10	QPSK	1	0	14.77	14.78	14.74	16
10	QPSK	1	25	14.70	14.73	14.77	
10	QPSK	1	49	14.72	14.70	14.74	
10	QPSK	25	0	14.73	14.78	14.74	
10	QPSK	25	12	14.72	14.82	14.79	15
10	QPSK	25	25	14.72	14.76	14.76	
10	QPSK	50	0	14.79	14.73	14.71	
10	16QAM	1	0	14.73	14.76	14.72	
10	16QAM	1	25	14.80	14.72	14.74	15
10	16QAM	1	49	14.83	14.78	14.80	
10	16QAM	25	0	14.70	14.69	14.66	
10	16QAM	25	12	14.71	14.64	14.64	
10	16QAM	25	25	14.76	14.73	14.81	14
10	16QAM	50	0	14.74	14.72	14.75	
10	64QAM	1	0	14.79	14.80	14.78	
10	64QAM	1	25	14.73	14.77	14.73	
10	64QAM	1	49	14.69	14.74	14.68	14
10	64QAM	25	0	14.79	14.81	14.83	
10	64QAM	25	12	14.77	14.76	14.80	
10	64QAM	25	25	14.70	14.71	14.80	
10	64QAM	50	0	14.81	14.71	14.75	13
10	256QAM	1	0	14.78	14.85	14.80	
10	256QAM	1	25	14.73	14.72	14.70	
10	256QAM	1	49	14.79	14.77	14.75	

10	256QAM	25	0	14.80	14.72	14.77	11
10	256QAM	25	12	14.76	14.72	14.76	
10	256QAM	25	25	14.72	14.66	14.72	
10	256QAM	50	0	14.63	14.68	14.63	
Channel				132997	133047	133097	Tune-up limit (dBm)
Frequency (MHz)				1697.5	1702.5	1707.5	
5	QPSK	1	0	14.73	14.74	14.78	16
5	QPSK	1	12	14.72	14.72	14.72	
5	QPSK	1	24	14.75	14.67	14.67	
5	QPSK	12	0	14.69	14.74	14.75	
5	QPSK	12	7	14.82	14.74	14.77	15
5	QPSK	12	13	14.75	14.68	14.73	
5	QPSK	25	0	14.80	14.76	14.76	
5	16QAM	1	0	14.68	14.73	14.77	
5	16QAM	1	12	14.74	14.76	14.75	15
5	16QAM	1	24	14.83	14.75	14.78	
5	16QAM	12	0	14.70	14.70	14.69	
5	16QAM	12	7	14.65	14.68	14.63	
5	16QAM	12	13	14.74	14.82	14.78	14
5	16QAM	25	0	14.72	14.73	14.78	
5	64QAM	1	0	14.74	14.78	14.80	
5	64QAM	1	12	14.83	14.77	14.82	
5	64QAM	1	24	14.71	14.79	14.73	14
5	64QAM	12	0	14.77	14.75	14.83	
5	64QAM	12	7	14.79	14.75	14.76	
5	64QAM	12	13	14.81	14.79	14.72	
5	64QAM	25	0	14.75	14.76	14.82	13
5	256QAM	1	0	14.77	14.74	14.73	
5	256QAM	1	12	14.70	14.68	14.71	
5	256QAM	1	24	14.83	14.74	14.76	
5	256QAM	12	0	14.75	14.82	14.78	11
5	256QAM	12	7	14.75	14.70	14.79	
5	256QAM	12	13	14.68	14.69	14.64	
5	256QAM	25	0	14.67	14.71	14.66	

FR1 Conducted Power

【FR1 n2_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				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	23.90	23.93	23.91	25.20
40	PI/2 BPSK	1	108	23.83	23.85	23.80	25.20
40	PI/2 BPSK	1	214	23.85	23.82	23.80	25.20
40	PI/2 BPSK	108	0	23.45	23.40	23.45	24.70
40	PI/2 BPSK	108	54	23.75	23.79	23.77	25.20
40	PI/2 BPSK	108	108	23.37	23.48	23.41	24.70
40	PI/2 BPSK	216	0	23.40	23.43	23.36	24.70
40	QPSK	1	1	23.82	23.85	23.84	25.20
40	QPSK	1	108	23.77	23.85	23.77	25.20
40	QPSK	1	214	23.81	23.81	23.80	25.20
40	QPSK	108	0	22.91	22.95	22.86	24.20
40	QPSK	108	54	23.85	23.83	23.77	25.20
40	QPSK	108	108	22.87	22.97	22.95	24.20
40	QPSK	216	0	22.94	22.89	22.98	24.20
40	16QAM	1	1	22.89	22.98	22.94	24.20
40	64QAM	1	1	21.41	21.44	21.44	22.70
40	256QAM	1	1	19.42	19.39	19.42	20.70
Channel				373500	376000	378500	
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	23.84	23.81	23.84	25.20
Channel				373000	376000	379000	
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	23.83	23.80	23.84	25.20
Channel				372500	376000	379500	
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	23.79	23.85	23.79	25.20
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	23.88	23.80	23.79	25.20
Channel				371500	376000	380500	
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	23.89	23.79	23.86	25.20
Channel				371000	376000	381000	
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	23.86	23.79	23.90	25.20
Channel				370500	376000	381500	
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	23.89	23.82	23.89	25.20

【FR1 n2_Ant 1_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	23.90	23.93	23.91	25.20
40	PI/2 BPSK	1	108	23.83	23.85	23.80	25.20
40	PI/2 BPSK	1	214	23.85	23.82	23.80	25.20
40	PI/2 BPSK	108	0	23.45	23.40	23.45	24.70
40	PI/2 BPSK	108	54	23.75	23.79	23.77	25.20
40	PI/2 BPSK	108	108	23.37	23.48	23.41	24.70
40	PI/2 BPSK	216	0	23.40	23.43	23.36	24.70
40	QPSK	1	1	23.82	23.85	23.84	25.20
40	QPSK	1	108	23.77	23.85	23.77	25.20
40	QPSK	1	214	23.81	23.81	23.80	25.20
40	QPSK	108	0	22.91	22.95	22.86	24.20
40	QPSK	108	54	23.85	23.83	23.77	25.20
40	QPSK	108	108	22.87	22.97	22.95	24.20
40	QPSK	216	0	22.94	22.89	22.98	24.20
40	16QAM	1	1	22.89	22.98	22.94	24.20
40	64QAM	1	1	21.41	21.44	21.44	22.70
40	256QAM	1	1	19.42	19.39	19.42	20.70

Channel				373500	376000	378500	Tune-up limit
Frequency (MHz)				1867.5	1880	1892.5	(dBm)
35	PI/2 BPSK	1	1	23.84	23.81	23.84	25.20
Channel				373000	376000	379000	Tune-up limit
Frequency (MHz)				1865	1880	1895	(dBm)
30	PI/2 BPSK	1	1	23.83	23.80	23.84	25.20
Channel				372500	376000	379500	Tune-up limit
Frequency (MHz)				1862.5	1880	1897.5	(dBm)
25	PI/2 BPSK	1	1	23.79	23.85	23.79	25.20
Channel				372000	376000	380000	Tune-up limit
Frequency (MHz)				1860	1880	1900	(dBm)
20	PI/2 BPSK	1	1	23.88	23.80	23.79	25.20
Channel				371500	376000	380500	Tune-up limit
Frequency (MHz)				1857.5	1880	1902.5	(dBm)
15	PI/2 BPSK	1	1	23.89	23.79	23.86	25.20
Channel				371000	376000	381000	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	PI/2 BPSK	1	1	23.86	23.79	23.90	25.20
Channel				370500	376000	381500	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	PI/2 BPSK	1	1	23.89	23.82	23.89	25.20

【FR1 n2_Ant 1_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	15.60	15.78	15.64	16.80
40	PI/2 BPSK	1	108	15.62	15.66	15.41	16.80
40	PI/2 BPSK	1	214	15.63	15.46	15.67	16.80
40	PI/2 BPSK	108	0	15.51	15.59	15.51	16.80
40	PI/2 BPSK	108	54	15.59	15.67	15.51	16.80
40	PI/2 BPSK	108	108	15.51	15.55	15.60	16.80
40	PI/2 BPSK	216	0	15.51	15.40	15.61	16.80
40	QPSK	1	1	15.57	15.51	15.69	16.80
40	QPSK	1	108	15.60	15.54	15.55	16.80
40	QPSK	1	214	15.63	15.59	15.51	16.80
40	QPSK	108	0	15.52	15.59	15.53	16.80
40	QPSK	108	54	15.50	15.45	15.53	16.80
40	QPSK	108	108	15.56	15.50	15.63	16.80
40	QPSK	216	0	15.45	15.48	15.61	16.80
40	16QAM	1	1	15.61	15.51	15.38	16.80
40	64QAM	1	1	15.64	15.56	15.60	16.80
40	256QAM	1	1	15.46	15.52	15.55	16.80
Channel				373500	376000	378500	Tune-up limit
Frequency (MHz)				1867.5	1880	1892.5	(dBm)
35	PI/2 BPSK	1	1	15.55	15.63	15.61	16.80
Channel				373000	376000	379000	Tune-up limit
Frequency (MHz)				1865	1880	1895	(dBm)
30	PI/2 BPSK	1	1	15.46	15.68	15.50	16.80
Channel				372500	376000	379500	Tune-up limit
Frequency (MHz)				1862.5	1880	1897.5	(dBm)
25	PI/2 BPSK	1	1	15.49	15.76	15.63	16.80
Channel				372000	376000	380000	Tune-up limit
Frequency (MHz)				1860	1880	1900	(dBm)
20	PI/2 BPSK	1	1	15.46	15.73	15.56	16.80
Channel				371500	376000	380500	Tune-up limit
Frequency (MHz)				1857.5	1880	1902.5	(dBm)
15	PI/2 BPSK	1	1	15.50	15.77	15.61	16.80
Channel				371000	376000	381000	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	PI/2 BPSK	1	1	15.50	15.72	15.51	16.80
Channel				370500	376000	381500	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	PI/2 BPSK	1	1	15.57	15.73	15.60	16.80

【FR1 n2_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				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	24.43	24.46	24.40	25.20
40	PI/2 BPSK	1	108	24.35	24.39	24.27	25.20
40	PI/2 BPSK	1	214	24.32	24.35	24.29	25.20
40	PI/2 BPSK	108	0	23.98	23.95	23.95	24.70
40	PI/2 BPSK	108	54	24.39	24.41	24.31	25.20
40	PI/2 BPSK	108	108	23.99	23.93	23.89	24.70
40	PI/2 BPSK	216	0	23.89	24.02	23.86	24.70
40	QPSK	1	1	24.35	24.37	24.29	25.20
40	QPSK	1	108	24.32	24.36	24.36	25.20
40	QPSK	1	214	24.37	24.31	24.27	25.20
40	QPSK	108	0	23.44	23.44	23.40	24.20
40	QPSK	108	54	24.30	24.40	24.28	25.20
40	QPSK	108	108	23.48	23.50	23.42	24.20
40	QPSK	216	0	23.45	23.47	23.39	24.20
40	16QAM	1	1	23.40	23.50	23.40	24.20
40	64QAM	1	1	21.99	21.94	21.91	22.70
40	256QAM	1	1	19.94	19.98	19.88	20.70
Channel				373500	376000	378500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	24.36	24.43	24.37	25.20
Channel				373000	376000	379000	Tune-up limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	24.32	24.37	24.38	25.20
Channel				372500	376000	379500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	24.41	24.42	24.33	25.20
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	24.39	24.32	24.27	25.20
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	24.38	24.34	24.36	25.20
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	24.31	24.45	24.36	25.20
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	24.38	24.36	24.33	25.20

【FR1 n2_Ant 5_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	24.43	24.46	24.40	25.20
40	PI/2 BPSK	1	108	24.35	24.39	24.27	25.20
40	PI/2 BPSK	1	214	24.32	24.35	24.29	25.20
40	PI/2 BPSK	108	0	23.98	23.95	23.95	24.70
40	PI/2 BPSK	108	54	24.39	24.41	24.31	25.20
40	PI/2 BPSK	108	108	23.99	23.93	23.89	24.70
40	PI/2 BPSK	216	0	23.89	24.02	23.86	24.70
40	QPSK	1	1	24.35	24.37	24.29	25.20
40	QPSK	1	108	24.32	24.36	24.36	25.20
40	QPSK	1	214	24.37	24.31	24.27	25.20
40	QPSK	108	0	23.44	23.44	23.40	24.20
40	QPSK	108	54	24.30	24.40	24.28	25.20
40	QPSK	108	108	23.48	23.50	23.42	24.20
40	QPSK	216	0	23.45	23.47	23.39	24.20
40	16QAM	1	1	23.40	23.50	23.40	24.20
40	64QAM	1	1	21.99	21.94	21.91	22.70
40	256QAM	1	1	19.94	19.98	19.88	20.70
Channel				373500	376000	378500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	24.36	24.43	24.37	25.20
Channel				373000	376000	379000	Tune-up limit

	Frequency (MHz)			1865	1880	1895	(dBm)
30	PI/2 BPSK	1	1	24.32	24.37	24.38	25.20
	Channel			372500	376000	379500	Tune-up limit (dBm)
	Frequency (MHz)			1862.5	1880	1897.5	(dBm)
25	PI/2 BPSK	1	1	24.41	24.42	24.33	25.20
	Channel			372000	376000	380000	Tune-up limit (dBm)
	Frequency (MHz)			1860	1880	1900	(dBm)
20	PI/2 BPSK	1	1	24.39	24.32	24.27	25.20
	Channel			371500	376000	380500	Tune-up limit (dBm)
	Frequency (MHz)			1857.5	1880	1902.5	(dBm)
15	PI/2 BPSK	1	1	24.38	24.34	24.36	25.20
	Channel			371000	376000	381000	Tune-up limit (dBm)
	Frequency (MHz)			1855	1880	1905	(dBm)
10	PI/2 BPSK	1	1	24.31	24.45	24.36	25.20
	Channel			370500	376000	381500	Tune-up limit (dBm)
	Frequency (MHz)			1852.5	1880	1907.5	(dBm)
5	PI/2 BPSK	1	1	24.38	24.36	24.33	25.20

【FR1 n2_Ant 5_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel			374000	376000	378000	
	Frequency (MHz)			1870	1880	1890	
40	PI/2 BPSK	1	1	16.29	16.41	16.31	17.60
40	PI/2 BPSK	1	108	16.21	16.31	16.23	17.60
40	PI/2 BPSK	1	214	16.22	16.32	16.26	17.60
40	PI/2 BPSK	108	0	16.17	16.24	16.13	17.60
40	PI/2 BPSK	108	54	16.22	16.40	16.20	17.60
40	PI/2 BPSK	108	108	16.27	16.33	16.22	17.60
40	PI/2 BPSK	216	0	16.21	16.33	16.16	17.60
40	QPSK	1	1	16.28	16.30	16.15	17.60
40	QPSK	1	108	16.30	16.23	16.21	17.60
40	QPSK	1	214	16.09	16.39	16.24	17.60
40	QPSK	108	0	16.31	16.28	16.28	17.60
40	QPSK	108	54	16.20	16.29	16.25	17.60
40	QPSK	108	108	16.28	16.19	16.12	17.60
40	QPSK	216	0	16.22	16.24	16.08	17.60
40	16QAM	1	1	16.30	16.39	16.16	17.60
40	64QAM	1	1	16.25	16.30	16.18	17.60
40	256QAM	1	1	16.26	16.39	16.18	17.60
	Channel			373500	376000	378500	Tune-up limit (dBm)
	Frequency (MHz)			1867.5	1880	1892.5	(dBm)
35	PI/2 BPSK	1	1	16.25	16.33	16.26	17.60
	Channel			373000	376000	379000	Tune-up limit (dBm)
	Frequency (MHz)			1865	1880	1895	(dBm)
30	PI/2 BPSK	1	1	16.25	16.35	16.28	17.60
	Channel			372500	376000	379500	Tune-up limit (dBm)
	Frequency (MHz)			1862.5	1880	1897.5	(dBm)
25	PI/2 BPSK	1	1	16.21	16.35	16.21	17.60
	Channel			372000	376000	380000	Tune-up limit (dBm)
	Frequency (MHz)			1860	1880	1900	(dBm)
20	PI/2 BPSK	1	1	16.17	16.37	16.21	17.60
	Channel			371500	376000	380500	Tune-up limit (dBm)
	Frequency (MHz)			1857.5	1880	1902.5	(dBm)
15	PI/2 BPSK	1	1	16.17	16.39	16.25	17.60
	Channel			371000	376000	381000	Tune-up limit (dBm)
	Frequency (MHz)			1855	1880	1905	(dBm)
10	PI/2 BPSK	1	1	16.24	16.30	16.25	17.60
	Channel			370500	376000	381500	Tune-up limit (dBm)
	Frequency (MHz)			1852.5	1880	1907.5	(dBm)
5	PI/2 BPSK	1	1	16.21	16.27	16.21	17.60

【FR1 n5_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				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	24.26	24.29	24.14	25.20
20	PI/2 BPSK	1	53	24.11	24.11	24.10	25.20
20	PI/2 BPSK	1	104	24.13	24.20	24.16	25.20
20	PI/2 BPSK	50	0	23.68	23.83	23.74	24.70
20	PI/2 BPSK	50	28	24.15	24.16	24.09	25.20
20	PI/2 BPSK	50	56	23.77	23.86	23.59	24.70
20	PI/2 BPSK	100	0	23.72	23.76	23.64	24.70
20	QPSK	1	1	24.06	24.18	24.06	25.20
20	QPSK	1	53	24.15	24.18	24.04	25.20
20	QPSK	1	104	24.15	24.14	23.98	25.20
20	QPSK	50	0	23.16	23.22	23.11	24.20
20	QPSK	50	28	24.22	24.23	24.06	25.20
20	QPSK	50	56	23.19	23.22	23.11	24.20
20	QPSK	100	0	23.17	23.30	23.06	24.20
20	16QAM	1	1	23.14	23.23	23.10	24.20
20	64QAM	1	1	21.72	21.79	21.66	22.70
20	256QAM	1	1	19.77	19.82	19.68	20.70
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	24.12	24.19	24.03	25.20
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	24.18	24.21	24.05	25.20
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	24.25	24.22	24.06	25.20

【FR1 n5_Ant 8_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	24.26	24.29	24.14	25.20
20	PI/2 BPSK	1	53	24.11	24.11	24.10	25.20
20	PI/2 BPSK	1	104	24.13	24.20	24.16	25.20
20	PI/2 BPSK	50	0	23.68	23.83	23.74	24.70
20	PI/2 BPSK	50	28	24.15	24.16	24.09	25.20
20	PI/2 BPSK	50	56	23.77	23.86	23.59	24.70
20	PI/2 BPSK	100	0	23.72	23.76	23.64	24.70
20	QPSK	1	1	24.06	24.18	24.06	25.20
20	QPSK	1	53	24.15	24.18	24.04	25.20
20	QPSK	1	104	24.15	24.14	23.98	25.20
20	QPSK	50	0	23.16	23.22	23.11	24.20
20	QPSK	50	28	24.22	24.23	24.06	25.20
20	QPSK	50	56	23.19	23.22	23.11	24.20
20	QPSK	100	0	23.17	23.30	23.06	24.20
20	16QAM	1	1	23.14	23.23	23.10	24.20
20	64QAM	1	1	21.72	21.79	21.66	22.70
20	256QAM	1	1	19.77	19.82	19.68	20.70
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	24.12	24.19	24.03	25.20
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	24.18	24.21	24.05	25.20
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	24.25	24.22	24.06	25.20

【FR1 n5_Ant 8_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	19.15	19.13	19.07	20.60
20	PI/2 BPSK	1	53	18.64	18.60	18.65	20.60
20	PI/2 BPSK	1	104	18.71	18.74	18.76	20.60
20	PI/2 BPSK	50	0	18.72	18.81	18.86	20.60
20	PI/2 BPSK	50	28	19.01	19.07	19.13	20.60
20	PI/2 BPSK	50	56	18.73	18.73	18.66	20.60
20	PI/2 BPSK	100	0	18.76	18.85	18.81	20.60
20	QPSK	1	1	18.74	18.67	18.66	20.60
20	QPSK	1	53	18.82	18.76	18.73	20.60
20	QPSK	1	104	18.64	18.68	18.66	20.60
20	QPSK	50	0	18.72	18.71	18.68	20.60
20	QPSK	50	28	18.69	18.71	18.61	20.60
20	QPSK	50	56	18.80	18.80	18.85	20.60
20	QPSK	100	0	18.78	18.84	18.77	20.60
20	16QAM	1	1	18.77	18.73	18.72	20.60
20	64QAM	1	1	18.84	18.72	18.82	20.60
20	256QAM	1	1	18.61	18.62	18.65	20.60
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	19.13	19.03	19.04	20.60
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	19.01	19.06	18.93	20.60
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	19.02	19.04	18.94	20.60

【FR1 n5_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				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	24.21	24.31	24.12	25.20
20	PI/2 BPSK	1	53	24.14	24.15	24.05	25.20
20	PI/2 BPSK	1	104	24.17	24.16	24.18	25.20
20	PI/2 BPSK	50	0	23.64	23.79	23.74	24.70
20	PI/2 BPSK	50	28	24.15	24.12	24.06	25.20
20	PI/2 BPSK	50	56	23.81	23.86	23.54	24.70
20	PI/2 BPSK	100	0	23.73	23.73	23.62	24.70
20	QPSK	1	1	24.11	24.23	24.13	25.20
20	QPSK	1	53	24.20	24.19	24.05	25.20
20	QPSK	1	104	24.11	24.12	24.03	25.20
20	QPSK	50	0	23.11	23.28	23.07	24.20
20	QPSK	50	28	24.29	24.27	24.06	25.20
20	QPSK	50	56	23.18	23.22	23.13	24.20
20	QPSK	100	0	23.23	23.33	23.04	24.20
20	16QAM	1	1	23.18	23.25	23.07	24.20
20	64QAM	1	1	21.68	21.77	21.64	22.70
20	256QAM	1	1	19.72	19.79	19.74	20.70
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	24.17	24.21	24.00	25.20
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	24.10	24.19	24.08	25.20
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	24.09	24.21	24.08	25.20

【FR1 n5_Ant 10_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	24.21	24.31	24.12	25.20
20	PI/2 BPSK	1	53	24.14	24.15	24.05	25.20
20	PI/2 BPSK	1	104	24.17	24.16	24.18	25.20
20	PI/2 BPSK	50	0	23.64	23.79	23.74	24.70
20	PI/2 BPSK	50	28	24.15	24.12	24.06	25.20
20	PI/2 BPSK	50	56	23.81	23.86	23.54	24.70
20	PI/2 BPSK	100	0	23.73	23.73	23.62	24.70
20	QPSK	1	1	24.11	24.23	24.13	25.20
20	QPSK	1	53	24.20	24.19	24.05	25.20
20	QPSK	1	104	24.11	24.12	24.03	25.20
20	QPSK	50	0	23.11	23.28	23.07	24.20
20	QPSK	50	28	24.29	24.27	24.06	25.20
20	QPSK	50	56	23.18	23.22	23.13	24.20
20	QPSK	100	0	23.23	23.33	23.04	24.20
20	16QAM	1	1	23.18	23.25	23.07	24.20
20	64QAM	1	1	21.68	21.77	21.64	22.70
20	256QAM	1	1	19.72	19.79	19.74	20.70
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	24.17	24.21	24.00	25.20
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	24.10	24.19	24.08	25.20
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	24.09	24.21	24.08	25.20

【FR1 n5_Ant 10_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	18.35	18.41	18.25	19.80
20	PI/2 BPSK	1	53	18.16	18.32	18.11	19.80
20	PI/2 BPSK	1	104	18.30	18.37	18.06	19.80
20	PI/2 BPSK	50	0	18.16	18.25	18.02	19.80
20	PI/2 BPSK	50	28	18.17	18.35	18.10	19.80
20	PI/2 BPSK	50	56	18.11	18.30	18.10	19.80
20	PI/2 BPSK	100	0	18.19	18.29	18.09	19.80
20	QPSK	1	1	18.22	18.33	18.10	19.80
20	QPSK	1	53	18.08	18.25	18.01	19.80
20	QPSK	1	104	18.03	18.22	17.92	19.80
20	QPSK	50	0	18.11	18.26	17.99	19.80
20	QPSK	50	28	18.05	18.20	17.96	19.80
20	QPSK	50	56	18.21	18.29	18.03	19.80
20	QPSK	100	0	18.13	18.30	18.06	19.80
20	16QAM	1	1	18.10	18.25	18.04	19.80
20	64QAM	1	1	18.11	18.27	18.05	19.80
20	256QAM	1	1	18.09	18.24	17.95	19.80
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	18.25	18.27	18.18	19.80
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	18.22	18.34	18.10	19.80
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	18.23	18.33	18.11	19.80

【FR1 n7_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				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	24.22	24.22	24.17	25.20
50	PI/2 BPSK	1	135	24.14	24.21	24.16	25.20
50	PI/2 BPSK	1	268	24.12	24.07	24.12	25.20
50	PI/2 BPSK	135	0	23.75	23.83	23.79	24.70
50	PI/2 BPSK	135	68	24.16	24.14	24.13	25.20
50	PI/2 BPSK	135	135	23.67	23.77	23.72	24.70
50	PI/2 BPSK	270	0	23.72	23.69	23.65	24.70
50	QPSK	1	1	24.08	24.12	24.05	25.20
50	QPSK	1	135	24.16	24.09	24.06	25.20
50	QPSK	1	268	24.13	24.14	24.09	25.20
50	QPSK	135	0	23.19	23.26	23.23	24.20
50	QPSK	135	68	24.10	24.14	24.08	25.20
50	QPSK	135	135	23.27	23.26	23.24	24.20
50	QPSK	270	0	23.24	23.24	23.18	24.20
50	16QAM	1	1	23.20	23.19	23.13	24.20
50	64QAM	1	1	21.79	21.71	21.64	22.70
50	256QAM	1	1	19.69	19.74	19.68	20.70
Channel				504000	507000	510000	Tune-up limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	24.09	24.12	24.12	25.20
Channel				503500	507000	510500	Tune-up limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	PI/2 BPSK	1	1	24.19	24.08	24.09	25.20
Channel				503000	507000	511000	Tune-up limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	24.19	24.14	24.16	25.20
Channel				502500	507000	511500	Tune-up limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	24.09	24.10	24.04	25.20
Channel				502000	507000	512000	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	24.14	24.18	24.12	25.20
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	24.09	24.15	24.14	25.20
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	24.07	24.19	24.12	25.20
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	24.09	24.16	24.04	25.20

【FR1 n7_Ant 5_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	24.22	24.22	24.17	25.20
50	PI/2 BPSK	1	135	24.14	24.21	24.16	25.20
50	PI/2 BPSK	1	268	24.12	24.07	24.12	25.20
50	PI/2 BPSK	135	0	23.75	23.83	23.79	24.70
50	PI/2 BPSK	135	68	24.16	24.14	24.13	25.20
50	PI/2 BPSK	135	135	23.67	23.77	23.72	24.70
50	PI/2 BPSK	270	0	23.72	23.69	23.65	24.70
50	QPSK	1	1	24.08	24.12	24.05	25.20
50	QPSK	1	135	24.16	24.09	24.06	25.20
50	QPSK	1	268	24.13	24.14	24.09	25.20
50	QPSK	135	0	23.19	23.26	23.23	24.20
50	QPSK	135	68	24.10	24.14	24.08	25.20
50	QPSK	135	135	23.27	23.26	23.24	24.20
50	QPSK	270	0	23.24	23.24	23.18	24.20
50	16QAM	1	1	23.20	23.19	23.13	24.20
50	64QAM	1	1	21.79	21.71	21.64	22.70
50	256QAM	1	1	19.69	19.74	19.68	20.70
Channel				504000	507000	510000	Tune-up limit

	Frequency (MHz)			2520	2535	2550	(dBm)
40	PI/2 BPSK	1	1	24.09	24.12	24.12	25.20
	Channel			503500	507000	510500	Tune-up limit
	Frequency (MHz)			2517.5	2535	2552.5	(dBm)
35	PI/2 BPSK	1	1	24.19	24.08	24.09	25.20
	Channel			503000	507000	511000	Tune-up limit
	Frequency (MHz)			2515	2535	2555	(dBm)
30	PI/2 BPSK	1	1	24.19	24.14	24.16	25.20
	Channel			502500	507000	511500	Tune-up limit
	Frequency (MHz)			2512.5	2535	2557.5	(dBm)
25	PI/2 BPSK	1	1	24.09	24.10	24.04	25.20
	Channel			502000	507000	512000	Tune-up limit
	Frequency (MHz)			2510	2535	2560	(dBm)
20	PI/2 BPSK	1	1	24.14	24.18	24.12	25.20
	Channel			501500	507000	512500	Tune-up limit
	Frequency (MHz)			2507.5	2535	2562.5	(dBm)
15	PI/2 BPSK	1	1	24.09	24.15	24.14	25.20
	Channel			501000	507000	513000	Tune-up limit
	Frequency (MHz)			2505	2535	2565	(dBm)
10	PI/2 BPSK	1	1	24.07	24.19	24.12	25.20
	Channel			500500	507000	513500	Tune-up limit
	Frequency (MHz)			2502.5	2535	2567.5	(dBm)
5	PI/2 BPSK	1	1	24.09	24.16	24.04	25.20

【FR1 n7_Ant 5_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel			505000	507000	509000	
	Frequency (MHz)			2525	2535	2545	
50	PI/2 BPSK	1	1	12.65	12.69	12.62	13.80
50	PI/2 BPSK	1	135	12.44	12.58	12.43	13.80
50	PI/2 BPSK	1	268	12.36	12.54	12.33	13.80
50	PI/2 BPSK	135	0	12.52	12.60	12.48	13.80
50	PI/2 BPSK	135	68	12.52	12.61	12.43	13.80
50	PI/2 BPSK	135	135	12.39	12.52	12.43	13.80
50	PI/2 BPSK	270	0	12.36	12.44	12.23	13.80
50	QPSK	1	1	12.33	12.50	12.30	13.80
50	QPSK	1	135	12.41	12.47	12.38	13.80
50	QPSK	1	268	12.41	12.53	12.37	13.80
50	QPSK	135	0	12.52	12.59	12.44	13.80
50	QPSK	135	68	12.44	12.50	12.30	13.80
50	QPSK	135	135	12.38	12.49	12.37	13.80
50	QPSK	270	0	12.34	12.47	12.36	13.80
50	16QAM	1	1	12.47	12.52	12.33	13.80
50	64QAM	1	1	12.42	12.50	12.41	13.80
50	256QAM	1	1	12.32	12.44	12.26	13.80
	Channel			504000	507000	510000	Tune-up limit
	Frequency (MHz)			2520	2535	2550	(dBm)
40	PI/2 BPSK	1	1	12.56	12.68	12.51	13.80
	Channel			503500	507000	510500	Tune-up limit
	Frequency (MHz)			2517.5	2535	2552.5	(dBm)
35	PI/2 BPSK	1	1	12.61	12.61	12.48	13.80
	Channel			503000	507000	511000	Tune-up limit
	Frequency (MHz)			2515	2535	2555	(dBm)
30	PI/2 BPSK	1	1	12.62	12.54	12.59	13.80
	Channel			502500	507000	511500	Tune-up limit
	Frequency (MHz)			2512.5	2535	2557.5	(dBm)
25	PI/2 BPSK	1	1	12.56	12.68	12.50	13.80
	Channel			502000	507000	512000	Tune-up limit
	Frequency (MHz)			2510	2535	2560	(dBm)
20	PI/2 BPSK	1	1	12.51	12.59	12.60	13.80
	Channel			501500	507000	512500	Tune-up limit
	Frequency (MHz)			2507.5	2535	2562.5	(dBm)
15	PI/2 BPSK	1	1	12.54	12.67	12.49	13.80
	Channel			501000	507000	513000	Tune-up limit
	Frequency (MHz)			2505	2535	2565	(dBm)
10	PI/2 BPSK	1	1	12.55	12.67	12.53	13.80
	Channel			500500	507000	513500	Tune-up limit
	Frequency (MHz)			2502.5	2535	2567.5	(dBm)
5	PI/2 BPSK	1	1	12.57	12.64	12.48	13.80

【FR1 n7_Ant 8_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	23.81	23.83	23.82	25.20
50	PI/2 BPSK	1	135	23.68	23.80	23.78	25.20
50	PI/2 BPSK	1	268	23.74	23.70	23.70	25.20
50	PI/2 BPSK	135	0	23.37	23.30	23.38	24.70
50	PI/2 BPSK	135	68	23.78	23.77	23.79	25.20
50	PI/2 BPSK	135	135	23.31	23.37	23.29	24.70
50	PI/2 BPSK	270	0	23.32	23.38	23.37	24.70
50	QPSK	1	1	23.75	23.80	23.77	25.20
50	QPSK	1	135	23.69	23.79	23.76	25.20
50	QPSK	1	268	23.74	23.78	23.68	25.20
50	QPSK	135	0	22.86	22.80	22.86	24.20
50	QPSK	135	68	23.74	23.71	23.78	25.20
50	QPSK	135	135	22.83	22.89	22.88	24.20
50	QPSK	270	0	22.84	22.82	22.81	24.20
50	16QAM	1	1	22.88	22.82	22.85	24.20
50	64QAM	1	1	20.83	20.88	20.78	22.70
50	256QAM	1	1	18.84	18.87	18.83	20.70
Channel				504000	507000	510000	Tune-up limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	23.77	23.72	23.71	25.20
Channel				503500	507000	510500	Tune-up limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	PI/2 BPSK	1	1	23.72	23.75	23.78	25.20
Channel				503000	507000	511000	Tune-up limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	23.66	23.82	23.79	25.20
Channel				502500	507000	511500	Tune-up limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	23.73	23.69	23.80	25.20
Channel				502000	507000	512000	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	23.77	23.82	23.76	25.20
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	23.77	23.72	23.70	25.20
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	23.74	23.69	23.73	25.20
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	23.76	23.73	23.77	25.20

【FR1 n7_Ant 8_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	23.81	23.83	23.82	25.20
50	PI/2 BPSK	1	135	23.68	23.80	23.78	25.20
50	PI/2 BPSK	1	268	23.74	23.70	23.70	25.20
50	PI/2 BPSK	135	0	23.37	23.30	23.38	24.70
50	PI/2 BPSK	135	68	23.78	23.77	23.79	25.20
50	PI/2 BPSK	135	135	23.31	23.37	23.29	24.70
50	PI/2 BPSK	270	0	23.32	23.38	23.37	24.70
50	QPSK	1	1	23.75	23.80	23.77	25.20
50	QPSK	1	135	23.69	23.79	23.76	25.20
50	QPSK	1	268	23.74	23.78	23.68	25.20
50	QPSK	135	0	22.86	22.80	22.86	24.20
50	QPSK	135	68	23.74	23.71	23.78	25.20
50	QPSK	135	135	22.83	22.89	22.88	24.20
50	QPSK	270	0	22.84	22.82	22.81	24.20
50	16QAM	1	1	22.88	22.82	22.85	24.20
50	64QAM	1	1	20.83	20.88	20.78	22.70
50	256QAM	1	1	18.84	18.87	18.83	20.70
Channel				504000	507000	510000	Tune-up limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	23.77	23.72	23.71	25.20

Channel				503500	507000	510500	Tune-up limit
Frequency (MHz)				2517.5	2535	2552.5	(dBm)
35	PI/2 BPSK	1	1	23.72	23.75	23.78	25.20
Channel				503000	507000	511000	Tune-up limit
Frequency (MHz)				2515	2535	2555	(dBm)
30	PI/2 BPSK	1	1	23.66	23.82	23.79	25.20
Channel				502500	507000	511500	Tune-up limit
Frequency (MHz)				2512.5	2535	2557.5	(dBm)
25	PI/2 BPSK	1	1	23.73	23.69	23.80	25.20
Channel				502000	507000	512000	Tune-up limit
Frequency (MHz)				2510	2535	2560	(dBm)
20	PI/2 BPSK	1	1	23.77	23.82	23.76	25.20
Channel				501500	507000	512500	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	PI/2 BPSK	1	1	23.77	23.72	23.70	25.20
Channel				501000	507000	513000	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	PI/2 BPSK	1	1	23.74	23.69	23.73	25.20
Channel				500500	507000	513500	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	PI/2 BPSK	1	1	23.76	23.73	23.77	25.20

【FR1 n7_Ant 8_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	12.75	12.85	12.78	14.00
50	PI/2 BPSK	1	135	12.73	12.76	12.70	14.00
50	PI/2 BPSK	1	268	12.73	12.75	12.74	14.00
50	PI/2 BPSK	135	0	12.73	12.76	12.72	14.00
50	PI/2 BPSK	135	68	12.75	12.81	12.77	14.00
50	PI/2 BPSK	135	135	12.74	12.71	12.75	14.00
50	PI/2 BPSK	270	0	12.76	12.80	12.78	14.00
50	QPSK	1	1	12.73	12.72	12.79	14.00
50	QPSK	1	135	12.71	12.80	12.80	14.00
50	QPSK	1	268	12.77	12.70	12.77	14.00
50	QPSK	135	0	12.71	12.78	12.69	14.00
50	QPSK	135	68	12.79	12.76	12.77	14.00
50	QPSK	135	135	12.75	12.75	12.68	14.00
50	QPSK	270	0	12.69	12.71	12.79	14.00
50	16QAM	1	1	12.67	12.79	12.78	14.00
50	64QAM	1	1	12.78	12.69	12.73	14.00
50	256QAM	1	1	12.79	12.78	12.76	14.00
Channel				504000	507000	510000	Tune-up limit
Frequency (MHz)				2520	2535	2550	(dBm)
40	PI/2 BPSK	1	1	12.70	12.72	12.71	14.00
Channel				503500	507000	510500	Tune-up limit
Frequency (MHz)				2517.5	2535	2552.5	(dBm)
35	PI/2 BPSK	1	1	12.68	12.83	12.66	14.00
Channel				503000	507000	511000	Tune-up limit
Frequency (MHz)				2515	2535	2555	(dBm)
30	PI/2 BPSK	1	1	12.70	12.78	12.66	14.00
Channel				502500	507000	511500	Tune-up limit
Frequency (MHz)				2512.5	2535	2557.5	(dBm)
25	PI/2 BPSK	1	1	12.66	12.72	12.69	14.00
Channel				502000	507000	512000	Tune-up limit
Frequency (MHz)				2510	2535	2560	(dBm)
20	PI/2 BPSK	1	1	12.71	12.74	12.66	14.00
Channel				501500	507000	512500	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	PI/2 BPSK	1	1	12.71	12.77	12.69	14.00
Channel				501000	507000	513000	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	PI/2 BPSK	1	1	12.74	12.72	12.72	14.00
Channel				500500	507000	513500	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	PI/2 BPSK	1	1	12.60	12.84	12.64	14.00

【FR1 n12_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				141300	141500	141700	
Frequency (MHz)				706.5	707.5	708.5	
15	PI/2 BPSK	1	1	24.25	24.31	24.14	25.20
15	PI/2 BPSK	1	40	24.07	24.11	24.13	25.20
15	PI/2 BPSK	1	77	24.13	24.18	24.11	25.20
15	PI/2 BPSK	36	0	23.70	23.87	23.76	24.70
15	PI/2 BPSK	36	22	24.10	24.20	24.06	25.20
15	PI/2 BPSK	36	43	23.83	23.82	23.60	24.70
15	PI/2 BPSK	75	0	23.71	23.78	23.66	24.70
15	QPSK	1	1	24.04	24.18	24.11	25.20
15	QPSK	1	40	24.21	24.21	24.08	25.20
15	QPSK	1	77	24.16	24.16	23.93	25.20
15	QPSK	36	0	23.15	23.18	23.10	24.20
15	QPSK	36	22	24.20	24.22	24.05	25.20
15	QPSK	36	43	23.22	23.22	23.09	24.20
15	QPSK	75	0	23.22	23.33	23.04	24.20
15	16QAM	1	1	23.10	23.19	23.13	24.20
15	64QAM	1	1	21.76	21.77	21.64	22.70
15	256QAM	1	1	19.76	19.81	19.75	20.70
Channel				140800	141500	142200	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	24.13	24.25	24.09	25.20
Channel				140300	141500	142700	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	24.18	24.24	24.03	25.20

【FR1 n12_Ant 8_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				141300	141500	141700	
Frequency (MHz)				706.5	707.5	708.5	
15	PI/2 BPSK	1	1	24.25	24.31	24.14	25.20
15	PI/2 BPSK	1	40	24.07	24.11	24.13	25.20
15	PI/2 BPSK	1	77	24.13	24.18	24.11	25.20
15	PI/2 BPSK	36	0	23.70	23.87	23.76	24.70
15	PI/2 BPSK	36	22	24.10	24.20	24.06	25.20
15	PI/2 BPSK	36	43	23.83	23.82	23.60	24.70
15	PI/2 BPSK	75	0	23.71	23.78	23.66	24.70
15	QPSK	1	1	24.04	24.18	24.11	25.20
15	QPSK	1	40	24.21	24.21	24.08	25.20
15	QPSK	1	77	24.16	24.16	23.93	25.20
15	QPSK	36	0	23.15	23.18	23.10	24.20
15	QPSK	36	22	24.20	24.22	24.05	25.20
15	QPSK	36	43	23.22	23.22	23.09	24.20
15	QPSK	75	0	23.22	23.33	23.04	24.20
15	16QAM	1	1	23.10	23.19	23.13	24.20
15	64QAM	1	1	21.76	21.77	21.64	22.70
15	256QAM	1	1	19.76	19.81	19.75	20.70
Channel				140800	141500	142200	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	24.13	24.25	24.09	25.20
Channel				140300	141500	142700	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	24.18	24.24	24.03	25.20

【FR1 n12_Ant 8_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				141300	141500	141700	Tune-up limit (dBm)
Frequency (MHz)				706.5	707.5	708.5	
15	PI/2 BPSK	1	1	21.31	21.41	21.13	22.70
15	PI/2 BPSK	1	40	21.23	21.28	21.19	22.70
15	PI/2 BPSK	1	77	21.27	21.30	21.16	22.70
15	PI/2 BPSK	36	0	21.23	21.36	21.19	22.70
15	PI/2 BPSK	36	22	21.24	21.39	21.16	22.70
15	PI/2 BPSK	36	43	21.24	21.38	21.10	22.70
15	PI/2 BPSK	75	0	21.34	21.35	21.12	22.70
15	QPSK	1	1	21.25	21.36	21.18	22.70
15	QPSK	1	40	21.21	21.36	21.15	22.70
15	QPSK	1	77	21.25	21.35	21.20	22.70
15	QPSK	36	0	21.29	21.27	21.17	22.70
15	QPSK	36	22	21.22	21.27	21.19	22.70
15	QPSK	36	43	21.27	21.26	21.09	22.70
15	QPSK	75	0	21.32	21.32	21.23	22.70
15	16QAM	1	1	21.33	21.32	21.16	22.70
15	64QAM	1	1	21.28	21.37	21.20	22.70
15	256QAM	1	1	19.21	19.25	19.23	20.70
Channel				140800	141500	142200	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	21.18	21.31	21.03	22.70
Channel				140300	141500	142700	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	21.19	21.34	21.06	22.70

【FR1 n13_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					156400		Tune-up limit (dBm)
Frequency (MHz)					782		
10	PI/2 BPSK	1	1		23.55		24.50
10	PI/2 BPSK	1	26		23.10		24.50
10	PI/2 BPSK	1	50		23.25		24.50
10	PI/2 BPSK	25	0		22.81		24.00
10	PI/2 BPSK	25	14		23.21		24.50
10	PI/2 BPSK	25	27		22.88		24.00
10	PI/2 BPSK	50	0		22.79		24.00
10	QPSK	1	1		23.21		24.50
10	QPSK	1	26		23.18		24.50
10	QPSK	1	50		23.12		24.50
10	QPSK	25	0		22.22		23.50
10	QPSK	25	14		23.28		24.50
10	QPSK	25	27		22.23		23.50
10	QPSK	50	0		22.35		23.50
10	16QAM	1	1		22.19		23.50
10	64QAM	1	1		20.76		22.00
10	256QAM	1	1		18.87		20.00
Channel				155900	156400	156900	Tune-up limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	PI/2 BPSK	1	1	23.45	23.41	23.39	24.50

【FR1 n13_Ant 8_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					156400		
Frequency (MHz)					782		
10	PI/2 BPSK	1	1		23.55		24.50
10	PI/2 BPSK	1	26		23.10		24.50
10	PI/2 BPSK	1	50		23.25		24.50
10	PI/2 BPSK	25	0		22.81		24.00
10	PI/2 BPSK	25	14		23.21		24.50
10	PI/2 BPSK	25	27		22.88		24.00
10	PI/2 BPSK	50	0		22.79		24.00
10	QPSK	1	1		23.21		24.50
10	QPSK	1	26		23.18		24.50
10	QPSK	1	50		23.12		24.50
10	QPSK	25	0		22.22		23.50
10	QPSK	25	14		23.28		24.50
10	QPSK	25	27		22.23		23.50
10	QPSK	50	0		22.35		23.50
10	16QAM	1	1		22.19		23.50
10	64QAM	1	1		20.76		22.00
10	256QAM	1	1		18.87		20.00
Channel				155900	156400	156900	
Frequency (MHz)				779.5	782	784.5	Tune-up limit (dBm)
5	PI/2 BPSK	1	1	23.45	23.41	23.39	24.50

【FR1 n13_Ant 8_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					156400		
Frequency (MHz)					782		
10	PI/2 BPSK	1	1		20.45		21.50
10	PI/2 BPSK	1	26		20.24		21.50
10	PI/2 BPSK	1	50		20.21		21.50
10	PI/2 BPSK	25	0		20.25		21.50
10	PI/2 BPSK	25	14		20.41		21.50
10	PI/2 BPSK	25	27		20.26		21.50
10	PI/2 BPSK	50	0		20.35		21.50
10	QPSK	1	1		20.21		21.50
10	QPSK	1	26		20.21		21.50
10	QPSK	1	50		20.30		21.50
10	QPSK	25	0		20.29		21.50
10	QPSK	25	14		20.19		21.50
10	QPSK	25	27		20.21		21.50
10	QPSK	50	0		20.18		21.50
10	16QAM	1	1		20.28		21.50
10	64QAM	1	1		20.27		21.50
10	256QAM	1	1		18.21		19.50
Channel				155900	156400	156900	
Frequency (MHz)				779.5	782	784.5	Tune-up limit (dBm)
5	PI/2 BPSK	1	1	20.35	20.38	20.31	21.50

【FR1 n14_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					158600		
Frequency (MHz)					793		
10	PI/2 BPSK	1	1		23.52		24.50
10	PI/2 BPSK	1	26		23.37		24.50
10	PI/2 BPSK	1	50		23.40		24.50
10	PI/2 BPSK	25	0		23.02		24.00
10	PI/2 BPSK	25	14		23.34		24.50
10	PI/2 BPSK	25	27		23.05		24.00
10	PI/2 BPSK	50	0		23.02		24.00
10	QPSK	1	1		23.39		24.50
10	QPSK	1	26		23.44		24.50
10	QPSK	1	50		23.34		24.50
10	QPSK	25	0		22.39		23.50
10	QPSK	25	14		23.47		24.50
10	QPSK	25	27		22.49		23.50
10	QPSK	50	0		22.51		23.50
10	16QAM	1	1		22.42		23.50
10	64QAM	1	1		20.97		22.00
10	256QAM	1	1		19.05		20.00
Channel				158100	158600	159100	
Frequency (MHz)				790.5	793	795.5	Tune-up limit (dBm)
5	PI/2 BPSK	1	1	23.45	23.41	23.46	24.50

【FR1 n14_Ant 8_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					158600		
Frequency (MHz)					793		
10	PI/2 BPSK	1	1		23.52		24.50
10	PI/2 BPSK	1	26		23.37		24.50
10	PI/2 BPSK	1	50		23.40		24.50
10	PI/2 BPSK	25	0		23.02		24.00
10	PI/2 BPSK	25	14		23.34		24.50
10	PI/2 BPSK	25	27		23.05		24.00
10	PI/2 BPSK	50	0		23.02		24.00
10	QPSK	1	1		23.39		24.50
10	QPSK	1	26		23.44		24.50
10	QPSK	1	50		23.34		24.50
10	QPSK	25	0		22.39		23.50
10	QPSK	25	14		23.47		24.50
10	QPSK	25	27		22.49		23.50
10	QPSK	50	0		22.51		23.50
10	16QAM	1	1		22.42		23.50
10	64QAM	1	1		20.97		22.00
10	256QAM	1	1		19.05		20.00
Channel				158100	158600	159100	
Frequency (MHz)				790.5	793	795.5	Tune-up limit (dBm)
5	PI/2 BPSK	1	1	23.45	23.41	23.46	24.50

【FR1 n14_Ant 8_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					158600		
Frequency (MHz)					793		
10	PI/2 BPSK	1	1		20.61		21.70
10	PI/2 BPSK	1	26		20.48		21.70
10	PI/2 BPSK	1	50		20.58		21.70
10	PI/2 BPSK	25	0		20.53		21.70
10	PI/2 BPSK	25	14		20.54		21.70
10	PI/2 BPSK	25	27		20.49		21.70
10	PI/2 BPSK	50	0		20.46		21.70
10	QPSK	1	1		20.47		21.70
10	QPSK	1	26		20.57		21.70
10	QPSK	1	50		20.50		21.70
10	QPSK	25	0		20.47		21.70
10	QPSK	25	14		20.58		21.70
10	QPSK	25	27		20.57		21.70
10	QPSK	50	0		20.47		21.70
10	16QAM	1	1		20.56		21.70
10	64QAM	1	1		20.58		21.70
10	256QAM	1	1		18.51		20.00
Channel				158100	158600	159100	
Frequency (MHz)				790.5	793	795.5	Tune-up limit (dBm)
5	PI/2 BPSK	1	1	20.55	20.53	20.52	21.70

【FR1 n25_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				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	24.02	24.10	24.02	25.20
40	PI/2 BPSK	1	108	24.02	23.99	23.97	25.20
40	PI/2 BPSK	1	214	23.97	24.02	23.91	25.20
40	PI/2 BPSK	108	0	23.65	23.62	23.55	24.70
40	PI/2 BPSK	108	54	23.90	23.94	23.92	25.20
40	PI/2 BPSK	108	108	23.58	23.61	23.56	24.70
40	PI/2 BPSK	216	0	23.60	23.61	23.57	24.70
40	QPSK	1	1	23.88	23.92	23.84	25.20
40	QPSK	1	108	23.89	23.92	23.94	25.20
40	QPSK	1	214	23.98	23.83	23.98	25.20
40	QPSK	108	0	23.02	23.15	22.96	24.20
40	QPSK	108	54	24.03	23.98	23.93	25.20
40	QPSK	108	108	23.07	23.19	23.14	24.20
40	QPSK	216	0	23.09	23.09	23.08	24.20
40	16QAM	1	1	23.04	23.08	23.11	24.20
40	64QAM	1	1	21.55	21.56	21.55	22.70
40	256QAM	1	1	19.52	19.52	19.60	20.70
Channel				373500	376500	379500	
Frequency (MHz)				1867.5	1882.5	1897.5	Tune-up limit (dBm)
35	PI/2 BPSK	1	1	23.88	24.04	23.95	25.20
Channel				373000	376500	380000	
Frequency (MHz)				1865	1882.5	1900	Tune-up limit (dBm)
30	PI/2 BPSK	1	1	23.98	24.08	23.99	25.20
Channel				372500	376500	380500	
Frequency (MHz)				1862.5	1882.5	1902.5	Tune-up limit (dBm)
25	PI/2 BPSK	1	1	23.94	24.05	23.90	25.20
Channel				372000	376500	381000	
Frequency (MHz)				1860	1882.5	1905	Tune-up limit (dBm)
20	PI/2 BPSK	1	1	23.94	24.05	23.99	25.20
Channel				371500	376500	381500	
Frequency (MHz)				1857.5	1882.5	1907.5	Tune-up limit (dBm)
15	PI/2 BPSK	1	1	23.94	24.08	23.91	25.20
Channel				371000	376500	382000	
Frequency (MHz)				1855	1882.5	1910	Tune-up limit (dBm)
10	PI/2 BPSK	1	1	23.90	24.09	23.89	25.20
Channel				370500	376500	382500	
Frequency (MHz)				1852.5	1882.5	1912.5	Tune-up limit (dBm)
5	PI/2 BPSK	1	1	24.01	23.99	23.94	25.20

【FR1 n25_Ant 1_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	24.02	24.10	24.02	25.20
40	PI/2 BPSK	1	108	24.02	23.99	23.97	25.20
40	PI/2 BPSK	1	214	23.97	24.02	23.91	25.20
40	PI/2 BPSK	108	0	23.65	23.62	23.55	24.70
40	PI/2 BPSK	108	54	23.90	23.94	23.92	25.20
40	PI/2 BPSK	108	108	23.58	23.61	23.56	24.70
40	PI/2 BPSK	216	0	23.60	23.61	23.57	24.70
40	QPSK	1	1	23.88	23.92	23.84	25.20
40	QPSK	1	108	23.89	23.92	23.94	25.20
40	QPSK	1	214	23.98	23.83	23.98	25.20
40	QPSK	108	0	23.02	23.15	22.96	24.20
40	QPSK	108	54	24.03	23.98	23.93	25.20
40	QPSK	108	108	23.07	23.19	23.14	24.20
40	QPSK	216	0	23.09	23.09	23.08	24.20
40	16QAM	1	1	23.04	23.08	23.11	24.20
40	64QAM	1	1	21.55	21.56	21.55	22.70
40	256QAM	1	1	19.52	19.52	19.60	20.70
Channel				373500	376500	379500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	23.88	24.04	23.95	25.20
Channel				373000	376500	380000	Tune-up limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	23.98	24.08	23.99	25.20
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	23.94	24.05	23.90	25.20
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	23.94	24.05	23.99	25.20
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	23.94	24.08	23.91	25.20
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	23.90	24.09	23.89	25.20
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	24.01	23.99	23.94	25.20

【FR1 n25_Ant 1_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	15.77	15.85	15.81	16.80
40	PI/2 BPSK	1	108	15.70	15.77	15.61	16.80
40	PI/2 BPSK	1	214	15.70	15.63	15.81	16.80
40	PI/2 BPSK	108	0	15.69	15.70	15.61	16.80
40	PI/2 BPSK	108	54	15.76	15.71	15.62	16.80
40	PI/2 BPSK	108	108	15.67	15.65	15.76	16.80
40	PI/2 BPSK	216	0	15.54	15.60	15.56	16.80
40	QPSK	1	1	15.71	15.69	15.66	16.80
40	QPSK	1	108	15.72	15.65	15.71	16.80
40	QPSK	1	214	15.70	15.70	15.62	16.80
40	QPSK	108	0	15.69	15.69	15.69	16.80
40	QPSK	108	54	15.61	15.61	15.67	16.80
40	QPSK	108	108	15.75	15.62	15.73	16.80
40	QPSK	216	0	15.62	15.66	15.68	16.80
40	16QAM	1	1	15.68	15.66	15.57	16.80
40	64QAM	1	1	15.73	15.65	15.67	16.80
40	256QAM	1	1	15.64	15.69	15.74	16.80
Channel				373500	376500	379500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	15.66	15.83	15.75	16.80

Channel				373000	376500	380000	Tune-up limit
Frequency (MHz)				1865	1882.5	1900	(dBm)
30	PI/2 BPSK	1	1	15.74	15.80	15.69	16.80
Channel				372500	376500	380500	Tune-up limit
Frequency (MHz)				1862.5	1882.5	1902.5	(dBm)
25	PI/2 BPSK	1	1	15.66	15.71	15.77	16.80
Channel				372000	376500	381000	Tune-up limit
Frequency (MHz)				1860	1882.5	1905	(dBm)
20	PI/2 BPSK	1	1	15.66	15.76	15.70	16.80
Channel				371500	376500	381500	Tune-up limit
Frequency (MHz)				1857.5	1882.5	1907.5	(dBm)
15	PI/2 BPSK	1	1	15.71	15.84	15.74	16.80
Channel				371000	376500	382000	Tune-up limit
Frequency (MHz)				1855	1882.5	1910	(dBm)
10	PI/2 BPSK	1	1	15.75	15.83	15.71	16.80
Channel				370500	376500	382500	Tune-up limit
Frequency (MHz)				1852.5	1882.5	1912.5	(dBm)
5	PI/2 BPSK	1	1	15.66	15.82	15.69	16.80

【FR1 n25_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				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	24.43	24.48	24.40	25.20
40	PI/2 BPSK	1	108	24.35	24.39	24.27	25.20
40	PI/2 BPSK	1	214	24.32	24.35	24.29	25.20
40	PI/2 BPSK	108	0	23.98	23.95	23.95	24.70
40	PI/2 BPSK	108	54	24.33	24.39	24.31	25.20
40	PI/2 BPSK	108	108	23.99	23.93	23.89	24.70
40	PI/2 BPSK	216	0	23.89	24.02	23.86	24.70
40	QPSK	1	1	24.35	24.37	24.29	25.20
40	QPSK	1	108	24.32	24.36	24.36	25.20
40	QPSK	1	214	24.37	24.31	24.27	25.20
40	QPSK	108	0	23.44	23.44	23.40	24.20
40	QPSK	108	54	24.30	24.40	24.28	25.20
40	QPSK	108	108	23.48	23.50	23.42	24.20
40	QPSK	216	0	23.45	23.47	23.39	24.20
40	16QAM	1	1	23.40	23.50	23.40	24.20
40	64QAM	1	1	21.99	21.94	21.91	22.70
40	256QAM	1	1	19.94	19.98	19.88	20.70
Channel				373500	376500	379500	Tune-up limit
Frequency (MHz)				1867.5	1882.5	1897.5	(dBm)
35	PI/2 BPSK	1	1	24.42	24.33	24.37	25.20
Channel				373000	376500	380000	Tune-up limit
Frequency (MHz)				1865	1882.5	1900	(dBm)
30	PI/2 BPSK	1	1	24.42	24.39	24.32	25.20
Channel				372500	376500	380500	Tune-up limit
Frequency (MHz)				1862.5	1882.5	1902.5	(dBm)
25	PI/2 BPSK	1	1	24.33	24.36	24.39	25.20
Channel				372000	376500	381000	Tune-up limit
Frequency (MHz)				1860	1882.5	1905	(dBm)
20	PI/2 BPSK	1	1	24.30	24.38	24.38	25.20
Channel				371500	376500	381500	Tune-up limit
Frequency (MHz)				1857.5	1882.5	1907.5	(dBm)
15	PI/2 BPSK	1	1	24.38	24.40	24.29	25.20
Channel				371000	376500	382000	Tune-up limit
Frequency (MHz)				1855	1882.5	1910	(dBm)
10	PI/2 BPSK	1	1	24.35	24.40	24.35	25.20
Channel				370500	376500	382500	Tune-up limit
Frequency (MHz)				1852.5	1882.5	1912.5	(dBm)
5	PI/2 BPSK	1	1	24.41	24.36	24.28	25.20

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	24.43	24.48	24.40	25.20
40	PI/2 BPSK	1	108	24.35	24.39	24.27	25.20
40	PI/2 BPSK	1	214	24.32	24.35	24.29	25.20
40	PI/2 BPSK	108	0	23.98	23.95	23.95	24.70
40	PI/2 BPSK	108	54	24.33	24.38	24.31	25.20
40	PI/2 BPSK	108	108	23.99	23.93	23.89	24.70
40	PI/2 BPSK	216	0	23.89	24.02	23.86	24.70
40	QPSK	1	1	24.35	24.37	24.29	25.20
40	QPSK	1	108	24.32	24.36	24.36	25.20
40	QPSK	1	214	24.37	24.31	24.27	25.20
40	QPSK	108	0	23.44	23.44	23.40	24.20
40	QPSK	108	54	24.30	24.40	24.28	25.20
40	QPSK	108	108	23.48	23.50	23.42	24.20
40	QPSK	216	0	23.45	23.47	23.39	24.20
40	16QAM	1	1	23.40	23.50	23.40	24.20
40	64QAM	1	1	21.99	21.94	21.91	22.70
40	256QAM	1	1	19.94	19.98	19.88	20.70
Channel				373500	376500	379500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	24.42	24.33	24.37	25.20
Channel				373000	376500	380000	Tune-up limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	24.42	24.39	24.32	25.20
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	24.33	24.36	24.39	25.20
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	24.30	24.38	24.38	25.20
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	24.38	24.40	24.29	25.20
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	24.35	24.40	24.35	25.20
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	24.41	24.36	24.28	25.20

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	16.42	16.53	16.37	17.60
40	PI/2 BPSK	1	108	16.39	16.43	16.34	17.60
40	PI/2 BPSK	1	214	16.36	16.41	16.36	17.60
40	PI/2 BPSK	108	0	16.31	16.42	16.32	17.60
40	PI/2 BPSK	108	54	16.31	16.46	16.30	17.60
40	PI/2 BPSK	108	108	16.34	16.39	16.32	17.60
40	PI/2 BPSK	216	0	16.37	16.39	16.29	17.60
40	QPSK	1	1	16.37	16.40	16.34	17.60
40	QPSK	1	108	16.39	16.40	16.34	17.60
40	QPSK	1	214	16.29	16.45	16.35	17.60
40	QPSK	108	0	16.38	16.43	16.36	17.60
40	QPSK	108	54	16.35	16.43	16.38	17.60
40	QPSK	108	108	16.38	16.34	16.30	17.60
40	QPSK	216	0	16.33	16.34	16.26	17.60
40	16QAM	1	1	16.40	16.45	16.25	17.60
40	64QAM	1	1	16.36	16.46	16.34	17.60
40	256QAM	1	1	16.35	16.45	16.35	17.60
Channel				373500	376500	379500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	16.39	16.32	16.32	17.60
Channel				373000	376500	380000	Tune-up limit

Frequency (MHz)				1865	1882.5	1900	(dBm)
30	PI/2 BPSK	1	1	16.29	16.35	16.29	17.60
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	(dBm)
25	PI/2 BPSK	1	1	16.32	16.34	16.24	17.60
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	(dBm)
20	PI/2 BPSK	1	1	16.28	16.43	16.24	17.60
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	(dBm)
15	PI/2 BPSK	1	1	16.36	16.33	16.34	17.60
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	(dBm)
10	PI/2 BPSK	1	1	16.33	16.40	16.29	17.60
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	(dBm)
5	PI/2 BPSK	1	1	16.35	16.38	16.32	17.60

【FR1 n26_FCC_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				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	24.15	24.25	24.09	25.20
20	PI/2 BPSK	1	53	24.06	24.00	23.98	25.20
20	PI/2 BPSK	1	104	24.07	24.16	24.04	25.20
20	PI/2 BPSK	50	0	23.62	23.77	23.61	24.70
20	PI/2 BPSK	50	28	24.01	24.05	23.94	25.20
20	PI/2 BPSK	50	56	23.66	23.77	23.52	24.70
20	PI/2 BPSK	100	0	23.67	23.64	23.57	24.70
20	QPSK	1	1	24.01	24.09	24.00	25.20
20	QPSK	1	53	24.01	24.10	24.00	25.20
20	QPSK	1	104	24.11	24.10	23.84	25.20
20	QPSK	50	0	23.12	23.08	23.00	24.20
20	QPSK	50	28	24.18	24.10	23.93	25.20
20	QPSK	50	56	23.07	23.07	23.06	24.20
20	QPSK	100	0	23.07	23.24	23.01	24.20
20	16QAM	1	1	23.09	23.11	23.06	24.20
20	64QAM	1	1	21.65	21.68	21.52	22.70
20	256QAM	1	1	19.65	19.73	19.59	20.70
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	(dBm)
15	PI/2 BPSK	1	1	24.14	24.20	23.98	25.20
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	(dBm)
10	PI/2 BPSK	1	1	24.13	24.17	24.00	25.20
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	(dBm)
5	PI/2 BPSK	1	1	24.09	24.20	23.98	25.20

【FR1 n26__FCC_Ant 8_DSI 0】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	24.15	24.25	24.09	25.20
20	PI/2 BPSK	1	53	24.06	24.00	23.98	25.20
20	PI/2 BPSK	1	104	24.07	24.16	24.04	25.20
20	PI/2 BPSK	50	0	23.62	23.77	23.61	24.70
20	PI/2 BPSK	50	28	24.01	24.05	23.94	25.20
20	PI/2 BPSK	50	56	23.66	23.77	23.52	24.70
20	PI/2 BPSK	100	0	23.67	23.64	23.57	24.70
20	QPSK	1	1	24.01	24.09	24.00	25.20
20	QPSK	1	53	24.01	24.10	24.00	25.20
20	QPSK	1	104	24.11	24.10	23.84	25.20
20	QPSK	50	0	23.12	23.08	23.00	24.20
20	QPSK	50	28	24.18	24.10	23.93	25.20
20	QPSK	50	56	23.07	23.07	23.06	24.20
20	QPSK	100	0	23.07	23.24	23.01	24.20
20	16QAM	1	1	23.09	23.11	23.06	24.20
20	64QAM	1	1	21.65	21.68	21.52	22.70
20	256QAM	1	1	19.65	19.73	19.59	20.70
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	24.14	24.20	23.98	25.20
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	24.13	24.17	24.00	25.20
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	24.09	24.20	23.98	25.20

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	18.95	19.21	18.91	20.60
20	PI/2 BPSK	1	53	18.94	19.01	18.95	20.60
20	PI/2 BPSK	1	104	19.02	19.08	18.96	20.60
20	PI/2 BPSK	50	0	18.94	19.09	18.86	20.60
20	PI/2 BPSK	50	28	19.01	19.15	18.98	20.60
20	PI/2 BPSK	50	56	18.96	19.09	18.94	20.60
20	PI/2 BPSK	100	0	18.95	19.13	18.98	20.60
20	QPSK	1	1	19.01	19.05	18.93	20.60
20	QPSK	1	53	18.90	19.08	18.96	20.60
20	QPSK	1	104	19.04	19.04	18.89	20.60
20	QPSK	50	0	18.97	19.00	18.89	20.60
20	QPSK	50	28	18.97	19.07	18.95	20.60
20	QPSK	50	56	18.91	19.10	18.84	20.60
20	QPSK	100	0	18.98	19.12	18.90	20.60
20	16QAM	1	1	18.93	19.09	18.87	20.60
20	64QAM	1	1	18.92	19.08	18.93	20.60
20	256QAM	1	1	19.00	19.03	18.95	20.60
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	18.81	19.17	18.87	20.60
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	18.92	19.14	18.79	20.60
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	18.81	19.07	18.83	20.60