

Appendix E. Output Power Measurement

<GSM Conducted Power>

【GSM850_Ant 0_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	
GSM 1 Tx slot	31.85	31.95	31.87	33.00	22.85	22.95	22.87	24.00
GPRS 1 Tx slot	31.84	31.89	31.85	33.00	22.84	22.89	22.85	24.00
GPRS 2 Tx slots	31.03	31.02	31.06	32.00	25.03	25.02	25.06	26.00
GPRS 3 Tx slots	29.25	29.26	29.31	30.00	24.99	25.00	25.05	25.74
GPRS 4 Tx slots	28.11	28.25	28.20	29.00	25.11	25.25	25.20	26.00
EDGE 1 Tx slot	26.45	26.33	26.39	27.00	17.45	17.33	17.39	18.00
EDGE 2 Tx slots	25.24	25.11	25.15	26.00	19.24	19.11	19.15	20.00
EDGE 3 Tx slots	22.80	22.85	22.74	24.00	18.54	18.59	18.48	19.74
EDGE 4 Tx slots	21.52	21.49	21.44	22.50	18.52	18.49	18.44	19.50

【GSM850_Ant 0_ECI 2】

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	
GSM 1 Tx slot	31.85	31.95	31.87	33.00	22.85	22.95	22.87	24.00
GPRS 1 Tx slot	31.84	31.89	31.85	33.00	22.84	22.89	22.85	24.00
GPRS 2 Tx slots	31.03	31.02	31.06	32.00	25.03	25.02	25.06	26.00
GPRS 3 Tx slots	29.25	29.26	29.31	30.00	24.99	25.00	25.05	25.74
GPRS 4 Tx slots	28.11	28.25	28.20	29.00	25.11	25.25	25.20	26.00
EDGE 1 Tx slot	26.45	26.33	26.39	27.00	17.45	17.33	17.39	18.00
EDGE 2 Tx slots	25.24	25.11	25.15	26.00	19.24	19.11	19.15	20.00
EDGE 3 Tx slots	22.80	22.85	22.74	24.00	18.54	18.59	18.48	19.74
EDGE 4 Tx slots	21.52	21.49	21.44	22.50	18.52	18.49	18.44	19.50

【GSM850_Ant 0_ECI 3】

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	
GSM 1 Tx slot	30.86	30.97	30.86	32.10	21.86	21.97	21.86	23.10
GPRS 1 Tx slot	30.83	30.87	30.84	32.10	21.83	21.87	21.84	23.10
GPRS 2 Tx slots	30.03	30.06	30.03	31.10	24.03	24.06	24.03	25.10
GPRS 3 Tx slots	28.24	28.30	28.33	29.10	23.98	24.04	24.07	24.84
GPRS 4 Tx slots	27.09	27.21	27.21	28.10	24.09	24.21	24.21	25.10
EDGE 1 Tx slot	26.45	26.33	26.39	27.00	17.45	17.33	17.39	18.00
EDGE 2 Tx slots	25.24	25.11	25.15	26.00	19.24	19.11	19.15	20.00
EDGE 3 Tx slots	22.80	22.85	22.74	24.00	18.54	18.59	18.48	19.74
EDGE 4 Tx slots	21.52	21.49	21.44	22.50	18.52	18.49	18.44	19.50

【GSM850_Ant 0_ECI 4】

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	
GSM 1 Tx slot	31.85	31.95	31.87	33.00	22.85	22.95	22.87	24.00
GPRS 1 Tx slot	31.84	31.89	31.85	33.00	22.84	22.89	22.85	24.00
GPRS 2 Tx slots	31.03	31.02	31.06	32.00	25.03	25.02	25.06	26.00
GPRS 3 Tx slots	29.25	29.26	29.31	30.00	24.99	25.00	25.05	25.74
GPRS 4 Tx slots	28.11	28.25	28.20	29.00	25.11	25.25	25.20	26.00
EDGE 1 Tx slot	26.45	26.33	26.39	27.00	17.45	17.33	17.39	18.00
EDGE 2 Tx slots	25.24	25.11	25.15	26.00	19.24	19.11	19.15	20.00
EDGE 3 Tx slots	22.80	22.85	22.74	24.00	18.54	18.59	18.48	19.74
EDGE 4 Tx slots	21.52	21.49	21.44	22.50	18.52	18.49	18.44	19.50

【GSM850_Ant 0_ECI 6】

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	
GSM 1 Tx slot	31.85	31.95	31.87	33.00	22.85	22.95	22.87	24.00
GPRS 1 Tx slot	31.84	31.89	31.85	33.00	22.84	22.89	22.85	24.00
GPRS 2 Tx slots	31.03	31.02	31.06	32.00	25.03	25.02	25.06	26.00
GPRS 3 Tx slots	29.25	29.26	29.31	30.00	24.99	25.00	25.05	25.74
GPRS 4 Tx slots	28.11	28.25	28.20	29.00	25.11	25.25	25.20	26.00
EDGE 1 Tx slot	26.45	26.33	26.39	27.00	17.45	17.33	17.39	18.00
EDGE 2 Tx slots	25.24	25.11	25.15	26.00	19.24	19.11	19.15	20.00
EDGE 3 Tx slots	22.80	22.85	22.74	24.00	18.54	18.59	18.48	19.74
EDGE 4 Tx slots	21.52	21.49	21.44	22.50	18.52	18.49	18.44	19.50

【GSM850_Ant 0_ECI 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	
GSM 1 Tx slot	30.86	30.97	30.86	32.10	21.86	21.97	21.86	23.10
GPRS 1 Tx slot	30.83	30.87	30.84	32.10	21.83	21.87	21.84	23.10
GPRS 2 Tx slots	30.03	30.06	30.03	31.10	24.03	24.06	24.03	25.10
GPRS 3 Tx slots	28.24	28.30	28.33	29.10	23.98	24.04	24.07	24.84
GPRS 4 Tx slots	27.09	27.21	27.21	28.10	24.09	24.21	24.21	25.10
EDGE 1 Tx slot	26.45	26.33	26.39	27.00	17.45	17.33	17.39	18.00
EDGE 2 Tx slots	25.24	25.11	25.15	26.00	19.24	19.11	19.15	20.00
EDGE 3 Tx slots	22.80	22.85	22.74	24.00	18.54	18.59	18.48	19.74
EDGE 4 Tx slots	21.52	21.49	21.44	22.50	18.52	18.49	18.44	19.50

【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	
GSM 1 Tx slot	29.12	29.22	29.15	30.00	20.12	20.22	20.15	21.00
GPRS 1 Tx slot	29.13	29.21	29.15	30.00	20.13	20.21	20.15	21.00
GPRS 2 Tx slots	28.34	28.44	28.42	29.50	22.34	22.44	22.42	23.50
GPRS 3 Tx slots	26.46	26.61	26.65	27.50	22.20	22.35	22.39	23.24
GPRS 4 Tx slots	25.41	25.59	25.54	26.50	22.41	22.59	22.54	23.50
EDGE 1 Tx slot	25.24	25.18	25.32	26.00	16.24	16.18	16.32	17.00
EDGE 2 Tx slots	24.10	24.02	24.24	25.00	18.10	18.02	18.24	19.00
EDGE 3 Tx slots	22.11	21.88	22.06	23.00	17.85	17.62	17.80	18.74
EDGE 4 Tx slots	20.72	20.72	20.89	22.00	17.72	17.72	17.89	19.00

【GSM1900_Ant 1_ECI 2】

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	
GSM 1 Tx slot	29.12	29.22	29.15	30.00	20.12	20.22	20.15	21.00
GPRS 1 Tx slot	29.13	29.21	29.15	30.00	20.13	20.21	20.15	21.00
GPRS 2 Tx slots	28.34	28.44	28.42	29.50	22.34	22.44	22.42	23.50
GPRS 3 Tx slots	26.46	26.61	26.65	27.50	22.20	22.35	22.39	23.24
GPRS 4 Tx slots	25.41	25.59	25.54	26.50	22.41	22.59	22.54	23.50
EDGE 1 Tx slot	25.24	25.18	25.32	26.00	16.24	16.18	16.32	17.00
EDGE 2 Tx slots	24.10	24.02	24.24	25.00	18.10	18.02	18.24	19.00
EDGE 3 Tx slots	22.11	21.88	22.06	23.00	17.85	17.62	17.80	18.74
EDGE 4 Tx slots	20.72	20.72	20.89	22.00	17.72	17.72	17.89	19.00

【GSM1900_Ant 1_ECI 3】

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	
GSM 1 Tx slot	28.59	28.76	28.67	29.50	19.59	19.76	19.67	20.50
GPRS 1 Tx slot	28.61	28.73	28.65	29.50	19.61	19.73	19.65	20.50
GPRS 2 Tx slots	27.81	27.91	27.89	29.00	21.81	21.91	21.89	23.00
GPRS 3 Tx slots	25.94	26.16	26.13	27.00	21.68	21.90	21.87	22.74

GPRS 4 Tx slots	24.93	25.10	25.08	26.00	21.93	22.10	22.08	23.00
EDGE 1 Tx slot	25.24	25.18	25.32	26.00	16.24	16.18	16.32	17.00
EDGE 2 Tx slots	24.10	24.02	24.24	25.00	18.10	18.02	18.24	19.00
EDGE 3 Tx slots	22.11	21.88	22.06	23.00	17.85	17.62	17.80	18.74
EDGE 4 Tx slots	20.72	20.72	20.89	22.00	17.72	17.72	17.89	19.00

【GSM1900_Ant 1_ECI 4】

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	
GSM 1 Tx slot	29.12	29.22	29.15	30.00	20.12	20.22	20.15	21.00
GPRS 1 Tx slot	29.13	29.21	29.15	30.00	20.13	20.21	20.15	21.00
GPRS 2 Tx slots	28.34	28.44	28.42	29.50	22.34	22.44	22.42	23.50
GPRS 3 Tx slots	26.46	26.61	26.65	27.50	22.20	22.35	22.39	23.24
GPRS 4 Tx slots	25.41	25.59	25.54	26.50	22.41	22.59	22.54	23.50
EDGE 1 Tx slot	25.24	25.18	25.32	26.00	16.24	16.18	16.32	17.00
EDGE 2 Tx slots	24.10	24.02	24.24	25.00	18.10	18.02	18.24	19.00
EDGE 3 Tx slots	22.11	21.88	22.06	23.00	17.85	17.62	17.80	18.74
EDGE 4 Tx slots	20.72	20.72	20.89	22.00	17.72	17.72	17.89	19.00

【GSM1900_Ant 1_ECI 6】

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	
GSM 1 Tx slot	29.12	29.22	29.15	30.00	20.12	20.22	20.15	21.00
GPRS 1 Tx slot	29.13	29.21	29.15	30.00	20.13	20.21	20.15	21.00
GPRS 2 Tx slots	28.34	28.44	28.42	29.50	22.34	22.44	22.42	23.50
GPRS 3 Tx slots	26.46	26.61	26.65	27.50	22.20	22.35	22.39	23.24
GPRS 4 Tx slots	25.41	25.59	25.54	26.50	22.41	22.59	22.54	23.50
EDGE 1 Tx slot	25.24	25.18	25.32	26.00	16.24	16.18	16.32	17.00
EDGE 2 Tx slots	24.10	24.02	24.24	25.00	18.10	18.02	18.24	19.00
EDGE 3 Tx slots	22.11	21.88	22.06	23.00	17.85	17.62	17.80	18.74
EDGE 4 Tx slots	20.72	20.72	20.89	22.00	17.72	17.72	17.89	19.00

【GSM1900_Ant 1_ECI 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	
GSM 1 Tx slot	27.07	27.26	27.14	28.20	18.07	18.26	18.14	19.20
GPRS 1 Tx slot	27.14	27.19	27.12	28.20	18.14	18.19	18.12	19.20
GPRS 2 Tx slots	26.34	26.40	26.45	27.70	20.34	20.40	20.45	21.70
GPRS 3 Tx slots	24.44	24.59	24.68	25.70	20.18	20.33	20.42	21.44
GPRS 4 Tx slots	23.40	23.55	23.52	24.70	20.40	20.55	20.52	21.70
EDGE 1 Tx slot	25.24	25.18	25.32	26.00	16.24	16.18	16.32	17.00
EDGE 2 Tx slots	24.10	24.02	24.24	25.00	18.10	18.02	18.24	19.00
EDGE 3 Tx slots	22.11	21.88	22.06	23.00	17.85	17.62	17.80	18.74
EDGE 4 Tx slots	20.72	20.72	20.89	22.00	17.72	17.72	17.89	19.00

<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	AMR 12.2Kbps	22.17	22.14	22.02	24.00
3GPP Rel 99	RMC 12.2Kbps	22.24	22.26	22.14	24.00
3GPP Rel 6	HSDPA Subtest-1	21.16	21.20	21.13	23.00
3GPP Rel 6	HSDPA Subtest-2	21.22	21.18	21.13	23.00
3GPP Rel 6	HSDPA Subtest-3	20.72	20.67	20.63	22.50
3GPP Rel 6	HSDPA Subtest-4	20.72	20.73	20.59	22.50

3GPP Rel 8	DC-HSDPA Subtest-1	21.17	21.19	21.10	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.25	21.16	21.08	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	20.75	20.65	20.62	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	20.75	20.72	20.57	22.50
3GPP Rel 6	HSUPA Subtest-1	21.25	21.19	21.08	23.00
3GPP Rel 6	HSUPA Subtest-2	19.17	19.20	19.16	21.00
3GPP Rel 6	HSUPA Subtest-3	20.16	20.20	20.13	22.00
3GPP Rel 6	HSUPA Subtest-4	19.18	19.20	19.06	21.00
3GPP Rel 6	HSUPA Subtest-5	21.17	21.22	21.13	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.75	18.72	18.58	20.50

【WCDMA II_Ant 1_ECI 2】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	22.17	22.14	22.02	24.00
3GPP Rel 99	RMC 12.2Kbps	22.24	22.26	22.14	24.00
3GPP Rel 6	HSDPA Subtest-1	21.16	21.20	21.13	23.00
3GPP Rel 6	HSDPA Subtest-2	21.22	21.18	21.13	23.00
3GPP Rel 6	HSDPA Subtest-3	20.72	20.67	20.63	22.50
3GPP Rel 6	HSDPA Subtest-4	20.72	20.73	20.59	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.17	21.19	21.10	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.25	21.16	21.08	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	20.75	20.65	20.62	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	20.75	20.72	20.57	22.50
3GPP Rel 6	HSUPA Subtest-1	21.25	21.19	21.08	23.00
3GPP Rel 6	HSUPA Subtest-2	19.17	19.20	19.16	21.00
3GPP Rel 6	HSUPA Subtest-3	20.16	20.20	20.13	22.00
3GPP Rel 6	HSUPA Subtest-4	19.18	19.20	19.06	21.00
3GPP Rel 6	HSUPA Subtest-5	21.17	21.22	21.13	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.75	18.72	18.58	20.50

【WCDMA II_Ant 1_ECI 3】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	19.14	19.16	19.03	20.50
3GPP Rel 99	RMC 12.2Kbps	19.22	19.23	19.18	20.50
3GPP Rel 6	HSDPA Subtest-1	18.19	18.24	18.14	19.50
3GPP Rel 6	HSDPA Subtest-2	18.19	18.21	18.15	19.50
3GPP Rel 6	HSDPA Subtest-3	17.71	17.64	17.67	19.00
3GPP Rel 6	HSDPA Subtest-4	17.75	17.70	17.60	19.00
3GPP Rel 8	DC-HSDPA Subtest-1	18.20	18.22	18.12	19.50
3GPP Rel 8	DC-HSDPA Subtest-2	18.26	18.18	18.12	19.50
3GPP Rel 8	DC-HSDPA Subtest-3	17.72	17.70	17.63	19.00
3GPP Rel 8	DC-HSDPA Subtest-4	17.73	17.74	17.55	19.00
3GPP Rel 6	HSUPA Subtest-1	18.28	18.22	18.06	19.50
3GPP Rel 6	HSUPA Subtest-2	16.22	16.17	16.19	17.50
3GPP Rel 6	HSUPA Subtest-3	17.12	17.22	17.08	18.50
3GPP Rel 6	HSUPA Subtest-4	16.19	16.23	16.03	17.50
3GPP Rel 6	HSUPA Subtest-5	18.22	18.17	18.16	19.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	15.70	15.74	15.61	17.00

【WCDMA II_Ant 1_ECI 4】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	22.17	22.14	22.02	24.00
3GPP Rel 99	RMC 12.2Kbps	22.24	22.26	22.14	24.00
3GPP Rel 6	HSDPA Subtest-1	21.16	21.20	21.13	23.00
3GPP Rel 6	HSDPA Subtest-2	21.22	21.18	21.13	23.00
3GPP Rel 6	HSDPA Subtest-3	20.72	20.67	20.63	22.50
3GPP Rel 6	HSDPA Subtest-4	20.72	20.73	20.59	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.17	21.19	21.10	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.25	21.16	21.08	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	20.75	20.65	20.62	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	20.75	20.72	20.57	22.50
3GPP Rel 6	HSUPA Subtest-1	21.25	21.19	21.08	23.00
3GPP Rel 6	HSUPA Subtest-2	19.17	19.20	19.16	21.00
3GPP Rel 6	HSUPA Subtest-3	20.16	20.20	20.13	22.00
3GPP Rel 6	HSUPA Subtest-4	19.18	19.20	19.06	21.00
3GPP Rel 6	HSUPA Subtest-5	21.17	21.22	21.13	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.75	18.72	18.58	20.50

【WCDMA II_Ant 1_ECI 6】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	20.71	20.59	20.54	21.90
3GPP Rel 99	RMC 12.2Kbps	20.70	20.81	20.68	21.90
3GPP Rel 6	HSDPA Subtest-1	19.66	19.73	19.67	20.90
3GPP Rel 6	HSDPA Subtest-2	19.68	19.64	19.61	20.90
3GPP Rel 6	HSDPA Subtest-3	19.21	19.19	19.09	20.40
3GPP Rel 6	HSDPA Subtest-4	19.18	19.27	19.10	20.40
3GPP Rel 8	DC-HSDPA Subtest-1	19.64	19.67	19.64	20.90
3GPP Rel 8	DC-HSDPA Subtest-2	19.74	19.67	19.60	20.90
3GPP Rel 8	DC-HSDPA Subtest-3	19.24	19.14	19.10	20.40
3GPP Rel 8	DC-HSDPA Subtest-4	19.23	19.20	19.09	20.40
3GPP Rel 6	HSUPA Subtest-1	19.72	19.70	19.61	20.90
3GPP Rel 6	HSUPA Subtest-2	17.69	17.70	17.64	18.90
3GPP Rel 6	HSUPA Subtest-3	18.69	18.75	18.58	19.90
3GPP Rel 6	HSUPA Subtest-4	17.65	17.69	17.51	18.90
3GPP Rel 6	HSUPA Subtest-5	19.67	19.75	19.64	20.90
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.21	17.24	17.12	18.40

【WCDMA II_Ant 1_ECI 7】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	18.21	18.16	18.00	19.50
3GPP Rel 99	RMC 12.2Kbps	18.21	18.27	18.17	19.50
3GPP Rel 6	HSDPA Subtest-1	17.18	17.21	17.10	18.50
3GPP Rel 6	HSDPA Subtest-2	17.25	17.23	17.17	18.50
3GPP Rel 6	HSDPA Subtest-3	16.77	16.63	16.59	18.00
3GPP Rel 6	HSDPA Subtest-4	16.68	16.76	16.58	18.00
3GPP Rel 8	DC-HSDPA Subtest-1	17.20	17.18	17.09	18.50
3GPP Rel 8	DC-HSDPA Subtest-2	17.30	17.16	17.06	18.50
3GPP Rel 8	DC-HSDPA Subtest-3	16.74	16.60	16.67	18.00
3GPP Rel 8	DC-HSDPA Subtest-4	16.71	16.74	16.57	18.00
3GPP Rel 6	HSUPA Subtest-1	17.27	17.21	17.11	18.50
3GPP Rel 6	HSUPA Subtest-2	15.19	15.17	15.17	16.50
3GPP Rel 6	HSUPA Subtest-3	16.18	16.25	16.12	17.50
3GPP Rel 6	HSUPA Subtest-4	15.14	15.18	15.06	16.50
3GPP Rel 6	HSUPA Subtest-5	17.20	17.17	17.11	18.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	14.79	14.67	14.61	16.00

【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	AMR 12.2Kbps	22.32	22.35	22.23	24.00
3GPP Rel 99	RMC 12.2Kbps	22.36	22.39	22.33	24.00
3GPP Rel 6	HSDPA Subtest-1	21.32	21.37	21.31	23.00
3GPP Rel 6	HSDPA Subtest-2	21.36	21.35	21.31	23.00
3GPP Rel 6	HSDPA Subtest-3	20.80	20.89	20.79	22.50
3GPP Rel 6	HSDPA Subtest-4	20.79	20.90	20.82	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.30	21.36	21.31	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.35	21.41	21.33	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	20.82	20.82	20.79	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	20.80	20.89	20.81	22.50
3GPP Rel 6	HSUPA Subtest-1	21.37	21.32	21.30	23.00
3GPP Rel 6	HSUPA Subtest-2	19.32	19.31	19.30	21.00
3GPP Rel 6	HSUPA Subtest-3	20.30	20.32	20.32	22.00
3GPP Rel 6	HSUPA Subtest-4	19.29	19.32	19.27	21.00
3GPP Rel 6	HSUPA Subtest-5	21.36	21.38	21.32	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.86	18.88	18.80	20.50

【WCDMA IV_Ant 1_ECI 2】

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	22.32	22.35	22.23	24.00
3GPP Rel 99	RMC 12.2Kbps	22.36	22.39	22.33	24.00
3GPP Rel 6	HSDPA Subtest-1	21.32	21.37	21.31	23.00
3GPP Rel 6	HSDPA Subtest-2	21.36	21.35	21.31	23.00
3GPP Rel 6	HSDPA Subtest-3	20.80	20.89	20.79	22.50
3GPP Rel 6	HSDPA Subtest-4	20.79	20.90	20.82	22.50

3GPP Rel 8	DC-HSDPA Subtest-1	21.30	21.36	21.31	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.35	21.41	21.33	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	20.82	20.82	20.79	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	20.80	20.89	20.81	22.50
3GPP Rel 6	HSUPA Subtest-1	21.37	21.32	21.30	23.00
3GPP Rel 6	HSUPA Subtest-2	19.32	19.31	19.30	21.00
3GPP Rel 6	HSUPA Subtest-3	20.30	20.32	20.32	22.00
3GPP Rel 6	HSUPA Subtest-4	19.29	19.32	19.27	21.00
3GPP Rel 6	HSUPA Subtest-5	21.36	21.38	21.32	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.86	18.88	18.80	20.50

【WCDMA IV_Ant 1_ECI 3】

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	19.87	19.88	19.77	21.40
3GPP Rel 99	RMC 12.2Kbps	19.86	19.90	19.79	21.40
3GPP Rel 6	HSDPA Subtest-1	18.82	18.87	18.83	20.40
3GPP Rel 6	HSDPA Subtest-2	18.91	18.81	18.81	20.40
3GPP Rel 6	HSDPA Subtest-3	18.30	18.36	18.31	19.90
3GPP Rel 6	HSDPA Subtest-4	18.32	18.37	18.28	19.90
3GPP Rel 8	DC-HSDPA Subtest-1	18.85	18.82	18.83	20.40
3GPP Rel 8	DC-HSDPA Subtest-2	18.82	18.86	18.82	20.40
3GPP Rel 8	DC-HSDPA Subtest-3	18.30	18.31	18.31	19.90
3GPP Rel 8	DC-HSDPA Subtest-4	18.34	18.37	18.27	19.90
3GPP Rel 6	HSUPA Subtest-1	18.84	18.77	18.85	20.40
3GPP Rel 6	HSUPA Subtest-2	16.86	16.77	16.78	18.40
3GPP Rel 6	HSUPA Subtest-3	17.76	17.79	17.78	19.40
3GPP Rel 6	HSUPA Subtest-4	16.79	16.78	16.79	18.40
3GPP Rel 6	HSUPA Subtest-5	18.81	18.89	18.87	20.40
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	16.38	16.38	16.27	17.90

【WCDMA IV_Ant 1_ECI 4】

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	22.32	22.35	22.23	24.00
3GPP Rel 99	RMC 12.2Kbps	22.36	22.39	22.33	24.00
3GPP Rel 6	HSDPA Subtest-1	21.32	21.37	21.31	23.00
3GPP Rel 6	HSDPA Subtest-2	21.36	21.35	21.31	23.00
3GPP Rel 6	HSDPA Subtest-3	20.80	20.89	20.79	22.50
3GPP Rel 6	HSDPA Subtest-4	20.79	20.90	20.82	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.30	21.36	21.31	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.35	21.41	21.33	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	20.82	20.82	20.79	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	20.80	20.89	20.81	22.50
3GPP Rel 6	HSUPA Subtest-1	21.37	21.32	21.30	23.00
3GPP Rel 6	HSUPA Subtest-2	19.32	19.31	19.30	21.00
3GPP Rel 6	HSUPA Subtest-3	20.30	20.32	20.32	22.00
3GPP Rel 6	HSUPA Subtest-4	19.29	19.32	19.27	21.00
3GPP Rel 6	HSUPA Subtest-5	21.36	21.38	21.32	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.86	18.88	18.80	20.50

【WCDMA IV_Ant 1_ECI 6】

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	20.31	20.33	20.19	21.80
3GPP Rel 99	RMC 12.2Kbps	20.36	20.38	20.31	21.80
3GPP Rel 6	HSDPA Subtest-1	19.32	19.40	19.29	20.80
3GPP Rel 6	HSDPA Subtest-2	19.34	19.38	19.27	20.80
3GPP Rel 6	HSDPA Subtest-3	18.78	18.88	18.78	20.30
3GPP Rel 6	HSDPA Subtest-4	18.75	18.87	18.80	20.30
3GPP Rel 8	DC-HSDPA Subtest-1	19.33	19.32	19.36	20.80
3GPP Rel 8	DC-HSDPA Subtest-2	19.34	19.37	19.30	20.80
3GPP Rel 8	DC-HSDPA Subtest-3	18.85	18.87	18.79	20.30
3GPP Rel 8	DC-HSDPA Subtest-4	18.79	18.92	18.83	20.30
3GPP Rel 6	HSUPA Subtest-1	19.34	19.27	19.25	20.80
3GPP Rel 6	HSUPA Subtest-2	17.29	17.36	17.34	18.80
3GPP Rel 6	HSUPA Subtest-3	18.27	18.29	18.29	19.80
3GPP Rel 6	HSUPA Subtest-4	17.26	17.35	17.26	18.80
3GPP Rel 6	HSUPA Subtest-5	19.40	19.40	19.27	20.80
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	16.88	16.88	16.81	18.30

【WCDMA IV_Ant 1_ECI 7】

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	18.85	18.88	18.78	20.00
3GPP Rel 99	RMC 12.2Kbps	18.89	18.93	18.80	20.00
3GPP Rel 6	HSDPA Subtest-1	17.82	17.86	17.82	19.00
3GPP Rel 6	HSDPA Subtest-2	17.83	17.81	17.81	19.00
3GPP Rel 6	HSDPA Subtest-3	17.30	17.38	17.26	18.50
3GPP Rel 6	HSDPA Subtest-4	17.33	17.38	17.32	18.50
3GPP Rel 8	DC-HSDPA Subtest-1	17.83	17.82	17.85	19.00
3GPP Rel 8	DC-HSDPA Subtest-2	17.89	17.87	17.79	19.00
3GPP Rel 8	DC-HSDPA Subtest-3	17.32	17.33	17.29	18.50
3GPP Rel 8	DC-HSDPA Subtest-4	17.30	17.37	17.36	18.50
3GPP Rel 6	HSUPA Subtest-1	17.91	17.85	17.85	19.00
3GPP Rel 6	HSUPA Subtest-2	15.87	15.82	15.84	17.00
3GPP Rel 6	HSUPA Subtest-3	16.83	16.80	16.83	18.00
3GPP Rel 6	HSUPA Subtest-4	15.74	15.79	15.74	17.00
3GPP Rel 6	HSUPA Subtest-5	17.81	17.91	17.84	19.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	15.40	15.35	15.33	16.50

【WCDMA V_Ant 0_Full Power】

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.75	22.75	22.71	24.00
3GPP Rel 99	RMC 12.2Kbps	22.87	22.89	22.78	24.00
3GPP Rel 6	HSDPA Subtest-1	21.84	21.84	21.79	23.00
3GPP Rel 6	HSDPA Subtest-2	21.83	21.84	21.77	23.00
3GPP Rel 6	HSDPA Subtest-3	21.33	21.35	21.22	22.50
3GPP Rel 6	HSDPA Subtest-4	21.34	21.31	21.24	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.85	21.81	21.80	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.83	21.77	21.73	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.38	21.35	21.24	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.31	21.35	21.27	22.50
3GPP Rel 6	HSUPA Subtest-1	21.83	21.81	21.79	23.00
3GPP Rel 6	HSUPA Subtest-2	19.85	19.79	19.80	21.00
3GPP Rel 6	HSUPA Subtest-3	20.84	20.82	20.80	22.00
3GPP Rel 6	HSUPA Subtest-4	19.84	19.81	19.78	21.00
3GPP Rel 6	HSUPA Subtest-5	21.88	21.80	21.71	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.36	19.30	19.27	20.50

【WCDMA V_Ant 0_ECI 2】

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.75	22.75	22.71	24.00
3GPP Rel 99	RMC 12.2Kbps	22.87	22.89	22.78	24.00
3GPP Rel 6	HSDPA Subtest-1	21.84	21.84	21.79	23.00
3GPP Rel 6	HSDPA Subtest-2	21.83	21.84	21.77	23.00
3GPP Rel 6	HSDPA Subtest-3	21.33	21.35	21.22	22.50
3GPP Rel 6	HSDPA Subtest-4	21.34	21.31	21.24	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.85	21.81	21.80	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.83	21.77	21.73	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.38	21.35	21.24	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.31	21.35	21.27	22.50
3GPP Rel 6	HSUPA Subtest-1	21.83	21.81	21.79	23.00
3GPP Rel 6	HSUPA Subtest-2	19.85	19.79	19.80	21.00
3GPP Rel 6	HSUPA Subtest-3	20.84	20.82	20.80	22.00
3GPP Rel 6	HSUPA Subtest-4	19.84	19.81	19.78	21.00
3GPP Rel 6	HSUPA Subtest-5	21.88	21.80	21.71	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.36	19.30	19.27	20.50

【WCDMA V_Ant 0_ECI 3】

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.75	22.75	22.71	24.00
3GPP Rel 99	RMC 12.2Kbps	22.87	22.89	22.78	24.00
3GPP Rel 6	HSDPA Subtest-1	21.84	21.84	21.79	23.00
3GPP Rel 6	HSDPA Subtest-2	21.83	21.84	21.77	23.00
3GPP Rel 6	HSDPA Subtest-3	21.33	21.35	21.22	22.50
3GPP Rel 6	HSDPA Subtest-4	21.34	21.31	21.24	22.50

3GPP Rel 8	DC-HSDPA Subtest-1	21.85	21.81	21.80	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.83	21.77	21.73	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.38	21.35	21.24	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.31	21.35	21.27	22.50
3GPP Rel 6	HSUPA Subtest-1	21.83	21.81	21.79	23.00
3GPP Rel 6	HSUPA Subtest-2	19.85	19.79	19.80	21.00
3GPP Rel 6	HSUPA Subtest-3	20.84	20.82	20.80	22.00
3GPP Rel 6	HSUPA Subtest-4	19.84	19.81	19.78	21.00
3GPP Rel 6	HSUPA Subtest-5	21.88	21.80	21.71	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.36	19.30	19.27	20.50

【WCDMA V_Ant 0_ECI 4】

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.75	22.75	22.71	24.00
3GPP Rel 99	RMC 12.2Kbps	22.87	22.89	22.78	24.00
3GPP Rel 6	HSDPA Subtest-1	21.84	21.84	21.79	23.00
3GPP Rel 6	HSDPA Subtest-2	21.83	21.84	21.77	23.00
3GPP Rel 6	HSDPA Subtest-3	21.33	21.35	21.22	22.50
3GPP Rel 6	HSDPA Subtest-4	21.34	21.31	21.24	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.85	21.81	21.80	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.83	21.77	21.73	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.38	21.35	21.24	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.31	21.35	21.27	22.50
3GPP Rel 6	HSUPA Subtest-1	21.83	21.81	21.79	23.00
3GPP Rel 6	HSUPA Subtest-2	19.85	19.79	19.80	21.00
3GPP Rel 6	HSUPA Subtest-3	20.84	20.82	20.80	22.00
3GPP Rel 6	HSUPA Subtest-4	19.84	19.81	19.78	21.00
3GPP Rel 6	HSUPA Subtest-5	21.88	21.80	21.71	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.36	19.30	19.27	20.50

【WCDMA V_Ant 0_ECI 6】

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.75	22.75	22.71	24.00
3GPP Rel 99	RMC 12.2Kbps	22.87	22.89	22.78	24.00
3GPP Rel 6	HSDPA Subtest-1	21.84	21.84	21.79	23.00
3GPP Rel 6	HSDPA Subtest-2	21.83	21.84	21.77	23.00
3GPP Rel 6	HSDPA Subtest-3	21.33	21.35	21.22	22.50
3GPP Rel 6	HSDPA Subtest-4	21.34	21.31	21.24	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.85	21.81	21.80	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.83	21.77	21.73	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.38	21.35	21.24	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.31	21.35	21.27	22.50
3GPP Rel 6	HSUPA Subtest-1	21.83	21.81	21.79	23.00
3GPP Rel 6	HSUPA Subtest-2	19.85	19.79	19.80	21.00
3GPP Rel 6	HSUPA Subtest-3	20.84	20.82	20.80	22.00
3GPP Rel 6	HSUPA Subtest-4	19.84	19.81	19.78	21.00
3GPP Rel 6	HSUPA Subtest-5	21.88	21.80	21.71	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.36	19.30	19.27	20.50

【WCDMA V_Ant 0_ECI 7】

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.75	22.75	22.71	24.00
3GPP Rel 99	RMC 12.2Kbps	22.87	22.89	22.78	24.00
3GPP Rel 6	HSDPA Subtest-1	21.84	21.84	21.79	23.00
3GPP Rel 6	HSDPA Subtest-2	21.83	21.84	21.77	23.00
3GPP Rel 6	HSDPA Subtest-3	21.33	21.35	21.22	22.50
3GPP Rel 6	HSDPA Subtest-4	21.34	21.31	21.24	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.85	21.81	21.80	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.83	21.77	21.73	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.38	21.35	21.24	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.31	21.35	21.27	22.50
3GPP Rel 6	HSUPA Subtest-1	21.83	21.81	21.79	23.00
3GPP Rel 6	HSUPA Subtest-2	19.85	19.79	19.80	21.00
3GPP Rel 6	HSUPA Subtest-3	20.84	20.82	20.80	22.00
3GPP Rel 6	HSUPA Subtest-4	19.84	19.81	19.78	21.00
3GPP Rel 6	HSUPA Subtest-5	21.88	21.80	21.71	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.36	19.30	19.27	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	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	22.76	22.97	22.71	24.00
20	QPSK	1	49	22.72	22.96	22.56	24.00
20	QPSK	1	99	22.48	22.82	22.45	24.00
20	QPSK	50	0	21.70	21.95	21.64	23.00
20	QPSK	50	24	21.59	21.90	21.64	23.00
20	QPSK	50	50	21.64	21.94	21.66	23.00
20	QPSK	100	0	21.69	21.91	21.55	23.00
20	16QAM	1	0	21.76	22.05	21.79	23.00
20	16QAM	1	49	21.80	22.08	21.81	23.00
20	16QAM	1	99	21.76	22.10	21.71	23.00
20	16QAM	50	0	20.68	20.91	20.61	22.00
20	16QAM	50	24	20.57	20.90	20.54	22.00
20	16QAM	50	50	20.68	20.89	20.64	22.00
20	16QAM	100	0	20.62	20.90	20.64	22.00
20	64QAM	1	0	20.65	20.97	20.68	22.00
20	64QAM	1	49	20.73	21.04	20.79	22.00
20	64QAM	1	99	20.63	20.91	20.61	22.00
20	64QAM	50	0	19.69	19.88	19.63	21.00
20	64QAM	50	24	19.65	19.92	19.61	21.00
20	64QAM	50	50	19.60	19.91	19.67	21.00
20	64QAM	100	0	19.65	19.89	19.60	21.00
20	256QAM	1	0	17.68	17.94	17.62	19.00
20	256QAM	1	49	17.80	18.02	17.67	19.00
20	256QAM	1	99	17.52	17.82	17.59	19.00
20	256QAM	50	0	17.69	17.90	17.65	19.00
20	256QAM	50	24	17.66	17.88	17.59	19.00
20	256QAM	50	50	17.68	17.90	17.66	19.00
20	256QAM	100	0	17.68	17.87	17.63	19.00
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	22.64	22.91	22.58	24.00
15	QPSK	1	37	22.57	22.91	22.44	24.00
15	QPSK	1	74	22.34	22.80	22.34	24.00
15	QPSK	36	0	21.65	21.86	21.54	23.00
15	QPSK	36	20	21.56	21.76	21.53	23.00
15	QPSK	36	39	21.51	21.80	21.53	23.00
15	QPSK	75	0	21.55	21.89	21.43	23.00
15	16QAM	1	0	21.62	22.02	21.66	23.00
15	16QAM	1	37	21.70	22.04	21.79	23.00
15	16QAM	1	74	21.75	21.95	21.62	23.00
15	16QAM	36	0	20.55	20.84	20.52	22.00
15	16QAM	36	20	20.44	20.75	20.49	22.00
15	16QAM	36	39	20.66	20.84	20.61	22.00
15	16QAM	75	0	20.47	20.86	20.55	22.00
15	64QAM	1	0	20.63	20.94	20.64	22.00
15	64QAM	1	37	20.60	20.89	20.73	22.00
15	64QAM	1	74	20.62	20.87	20.49	22.00
15	64QAM	36	0	19.59	19.80	19.54	21.00
15	64QAM	36	20	19.59	19.77	19.56	21.00
15	64QAM	36	39	19.52	19.86	19.64	21.00
15	64QAM	75	0	19.57	19.84	19.52	21.00
15	256QAM	1	0	17.66	17.85	17.49	19.00
15	256QAM	1	37	17.78	17.89	17.54	19.00
15	256QAM	1	74	17.47	17.73	17.53	19.00
15	256QAM	36	0	17.56	17.86	17.60	19.00
15	256QAM	36	20	17.53	17.81	17.57	19.00
15	256QAM	36	39	17.62	17.75	17.52	19.00
15	256QAM	75	0	17.56	17.76	17.51	19.00
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	22.75	22.85	22.68	24.00
10	QPSK	1	25	22.71	22.90	22.54	24.00

10	QPSK	1	49	22.34	22.81	22.31	24.00
10	QPSK	25	0	21.59	21.80	21.56	23.00
10	QPSK	25	12	21.47	21.81	21.60	23.00
10	QPSK	25	25	21.53	21.90	21.60	23.00
10	QPSK	50	0	21.67	21.85	21.45	23.00
10	16QAM	1	0	21.67	22.01	21.64	23.00
10	16QAM	1	25	21.74	22.02	21.72	23.00
10	16QAM	1	49	21.73	21.99	21.66	23.00
10	16QAM	25	0	20.57	20.87	20.53	22.00
10	16QAM	25	12	20.44	20.84	20.50	22.00
10	16QAM	25	25	20.57	20.75	20.55	22.00
10	16QAM	50	0	20.49	20.78	20.55	22.00
10	64QAM	1	0	20.61	20.90	20.66	22.00
10	64QAM	1	25	20.59	20.97	20.68	22.00
10	64QAM	1	49	20.54	20.88	20.47	22.00
10	64QAM	25	0	19.66	19.75	19.55	21.00
10	64QAM	25	12	19.62	19.81	19.60	21.00
10	64QAM	25	25	19.55	19.85	19.59	21.00
10	64QAM	50	0	19.62	19.75	19.54	21.00
10	256QAM	1	0	17.57	17.80	17.53	19.00
10	256QAM	1	25	17.77	17.97	17.59	19.00
10	256QAM	1	49	17.38	17.69	17.55	19.00
10	256QAM	25	0	17.63	17.85	17.56	19.00
10	256QAM	25	12	17.57	17.75	17.47	19.00
10	256QAM	25	25	17.58	17.78	17.51	19.00
10	256QAM	50	0	17.65	17.82	17.58	19.00
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	22.63	22.94	22.67	24.00
5	QPSK	1	12	22.65	22.82	22.51	24.00
5	QPSK	1	24	22.46	22.73	22.43	24.00
5	QPSK	12	0	21.63	21.86	21.52	23.00
5	QPSK	12	7	21.52	21.77	21.58	23.00
5	QPSK	12	13	21.60	21.87	21.63	23.00
5	QPSK	25	0	21.59	21.87	21.45	23.00
5	16QAM	1	0	21.71	22.01	21.71	23.00
5	16QAM	1	12	21.68	22.04	21.71	23.00
5	16QAM	1	24	21.65	21.96	21.65	23.00
5	16QAM	12	0	20.64	20.89	20.57	22.00
5	16QAM	12	7	20.47	20.78	20.46	22.00
5	16QAM	12	13	20.58	20.77	20.52	22.00
5	16QAM	25	0	20.54	20.89	20.51	22.00
5	64QAM	1	0	20.58	20.92	20.54	22.00
5	64QAM	1	12	20.67	20.97	20.75	22.00
5	64QAM	1	24	20.51	20.83	20.57	22.00
5	64QAM	12	0	19.67	19.81	19.51	21.00
5	64QAM	12	7	19.54	19.82	19.55	21.00
5	64QAM	12	13	19.51	19.87	19.58	21.00
5	64QAM	25	0	19.61	19.79	19.53	21.00
5	256QAM	1	0	17.58	17.84	17.55	19.00
5	256QAM	1	12	17.78	17.90	17.62	19.00
5	256QAM	1	24	17.47	17.76	17.51	19.00
5	256QAM	12	0	17.58	17.80	17.59	19.00
5	256QAM	12	7	17.56	17.75	17.54	19.00
5	256QAM	12	13	17.57	17.88	17.57	19.00
5	256QAM	25	0	17.57	17.86	17.57	19.00
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	22.71	22.87	22.63	24.00
3	QPSK	1	8	22.58	22.83	22.46	24.00
3	QPSK	1	14	22.37	22.80	22.37	24.00
3	QPSK	8	0	21.59	21.81	21.55	23.00
3	QPSK	8	4	21.57	21.84	21.56	23.00
3	QPSK	8	7	21.58	21.88	21.65	23.00
3	QPSK	15	0	21.63	21.82	21.44	23.00
3	16QAM	1	0	21.62	21.90	21.75	23.00
3	16QAM	1	8	21.68	22.04	21.74	23.00
3	16QAM	1	14	21.72	22.06	21.70	23.00
3	16QAM	8	0	20.63	20.78	20.49	22.00
3	16QAM	8	4	20.55	20.84	20.48	22.00
3	16QAM	8	7	20.59	20.86	20.59	22.00
3	16QAM	15	0	20.53	20.75	20.52	22.00
3	64QAM	1	0	20.53	20.93	20.60	22.00
3	64QAM	1	8	20.70	20.95	20.70	22.00
3	64QAM	1	14	20.56	20.81	20.57	22.00
3	64QAM	8	0	19.64	19.76	19.61	21.00
3	64QAM	8	4	19.61	19.77	19.58	21.00
3	64QAM	8	7	19.56	19.86	19.64	21.00

3	64QAM	15	0	19.59	19.82	19.55	21.00
3	256QAM	1	0	17.66	17.80	17.60	19.00
3	256QAM	1	8	17.71	17.93	17.64	19.00
3	256QAM	1	14	17.50	17.81	17.53	19.00
3	256QAM	8	0	17.57	17.83	17.60	19.00
3	256QAM	8	4	17.53	17.78	17.55	19.00
3	256QAM	8	7	17.56	17.80	17.57	19.00
3	256QAM	15	0	17.54	17.85	17.51	19.00
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	22.72	22.88	22.59	24.00
1.4	QPSK	1	3	22.65	22.87	22.47	24.00
1.4	QPSK	1	5	22.42	22.73	22.42	24.00
1.4	QPSK	3	0	22.69	22.90	22.59	24.00
1.4	QPSK	3	1	22.58	22.82	22.49	24.00
1.4	QPSK	3	3	22.53	22.83	22.54	24.00
1.4	QPSK	6	0	21.63	21.79	21.49	23.00
1.4	16QAM	1	0	21.63	21.92	21.68	23.00
1.4	16QAM	1	3	21.75	22.04	21.78	23.00
1.4	16QAM	1	5	21.66	21.95	21.59	23.00
1.4	16QAM	3	0	21.62	21.78	21.55	23.00
1.4	16QAM	3	1	21.48	21.79	21.50	23.00
1.4	16QAM	3	3	21.59	21.83	21.59	23.00
1.4	16QAM	6	0	20.50	20.82	20.58	22.00
1.4	64QAM	1	0	20.56	20.89	20.59	22.00
1.4	64QAM	1	3	20.61	20.91	20.71	22.00
1.4	64QAM	1	5	20.49	20.88	20.46	22.00
1.4	64QAM	3	0	20.68	20.86	20.52	22.00
1.4	64QAM	3	1	20.62	20.86	20.52	22.00
1.4	64QAM	3	3	20.54	20.81	20.60	22.00
1.4	64QAM	6	0	19.51	19.86	19.50	21.00
1.4	256QAM	1	0	17.63	17.84	17.53	19.00
1.4	256QAM	1	3	17.78	17.97	17.58	19.00
1.4	256QAM	1	5	17.41	17.75	17.50	19.00
1.4	256QAM	3	0	17.56	17.76	17.50	19.00
1.4	256QAM	3	1	17.64	17.76	17.55	19.00
1.4	256QAM	3	3	17.59	17.86	17.56	19.00
1.4	256QAM	6	0	17.60	17.77	17.51	19.00

【LTE Band 2_Ant 1_Full Power-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	22.92	22.96	22.88	24.00
20	QPSK	1	49	22.86	22.88	22.68	24.00
20	QPSK	1	99	22.68	22.89	22.70	24.00
20	QPSK	50	0	21.83	21.94	21.83	23.00
20	QPSK	50	24	21.73	21.82	21.73	23.00
20	QPSK	50	50	21.82	21.89	21.68	23.00
20	QPSK	100	0	21.77	21.79	21.74	23.00
20	16QAM	1	0	21.68	21.90	21.63	23.00
20	16QAM	1	49	21.82	21.89	21.74	23.00
20	16QAM	1	99	21.84	21.88	21.66	23.00
20	16QAM	50	0	20.80	20.84	20.57	22.00
20	16QAM	50	24	20.77	20.90	20.69	22.00
20	16QAM	50	50	20.77	20.90	20.74	22.00
20	16QAM	100	0	20.78	20.96	20.75	22.00
20	64QAM	1	0	20.75	20.86	20.68	22.00
20	64QAM	1	49	20.76	20.85	20.72	22.00
20	64QAM	1	99	20.83	20.95	20.73	22.00
20	64QAM	50	0	19.84	19.90	19.86	21.00
20	64QAM	50	24	19.79	19.84	19.67	21.00
20	64QAM	50	50	19.75	19.93	19.83	21.00
20	64QAM	100	0	19.85	19.97	19.71	21.00
20	256QAM	1	0	17.69	17.76	17.55	19.00
20	256QAM	1	49	17.67	17.78	17.64	19.00
20	256QAM	1	99	17.60	17.69	17.49	19.00
20	256QAM	50	0	17.57	17.76	17.66	19.00
20	256QAM	50	24	17.71	17.83	17.71	19.00
20	256QAM	50	50	17.67	17.69	17.61	19.00
20	256QAM	100	0	17.62	17.70	17.60	19.00

Channel				18675	18900	19125	Tune-up limit
Frequency (MHz)				1857.5	1880	1902.5	(dBm)
15	QPSK	1	0	22.78	22.87	22.74	24.00
15	QPSK	1	37	22.73	22.87	22.59	24.00
15	QPSK	1	74	22.58	22.77	22.65	24.00
15	QPSK	36	0	21.81	21.82	21.70	23.00
15	QPSK	36	20	21.65	21.81	21.65	23.00
15	QPSK	36	39	21.70	21.76	21.58	23.00
15	QPSK	75	0	21.70	21.72	21.67	23.00
15	16QAM	1	0	21.61	21.78	21.54	23.00
15	16QAM	1	37	21.80	21.81	21.66	23.00
15	16QAM	1	74	21.71	21.85	21.56	23.00
15	16QAM	36	0	20.72	20.79	20.42	22.00
15	16QAM	36	20	20.66	20.84	20.57	22.00
15	16QAM	36	39	20.69	20.80	20.62	22.00
15	16QAM	75	0	20.70	20.90	20.72	22.00
15	64QAM	1	0	20.71	20.72	20.55	22.00
15	64QAM	1	37	20.70	20.83	20.69	22.00
15	64QAM	1	74	20.76	20.91	20.60	22.00
15	64QAM	36	0	19.76	19.77	19.80	21.00
15	64QAM	36	20	19.73	19.78	19.53	21.00
15	64QAM	36	39	19.72	19.91	19.75	21.00
15	64QAM	75	0	19.71	19.90	19.65	21.00
15	256QAM	1	0	17.57	17.68	17.54	19.00
15	256QAM	1	37	17.64	17.70	17.57	19.00
15	256QAM	1	74	17.53	17.66	17.47	19.00
15	256QAM	36	0	17.49	17.68	17.59	19.00
15	256QAM	36	20	17.59	17.73	17.60	19.00
15	256QAM	36	39	17.56	17.54	17.50	19.00
15	256QAM	75	0	17.55	17.61	17.52	19.00
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	22.84	22.92	22.81	24.00
10	QPSK	1	25	22.84	22.80	22.57	24.00
10	QPSK	1	49	22.64	22.79	22.64	24.00
10	QPSK	25	0	21.71	21.83	21.70	23.00
10	QPSK	25	12	21.72	21.77	21.70	23.00
10	QPSK	25	25	21.72	21.80	21.59	23.00
10	QPSK	50	0	21.74	21.68	21.61	23.00
10	16QAM	1	0	21.64	21.76	21.56	23.00
10	16QAM	1	25	21.75	21.85	21.63	23.00
10	16QAM	1	49	21.76	21.81	21.62	23.00
10	16QAM	25	0	20.72	20.78	20.50	22.00
10	16QAM	25	12	20.66	20.85	20.65	22.00
10	16QAM	25	25	20.69	20.80	20.59	22.00
10	16QAM	50	0	20.74	20.94	20.61	22.00
10	64QAM	1	0	20.66	20.81	20.61	22.00
10	64QAM	1	25	20.75	20.80	20.60	22.00
10	64QAM	1	49	20.70	20.87	20.70	22.00
10	64QAM	25	0	19.77	19.77	19.72	21.00
10	64QAM	25	12	19.73	19.81	19.57	21.00
10	64QAM	25	25	19.66	19.85	19.77	21.00
10	64QAM	50	0	19.75	19.84	19.57	21.00
10	256QAM	1	0	17.68	17.73	17.54	19.00
10	256QAM	1	25	17.64	17.71	17.60	19.00
10	256QAM	1	49	17.54	17.59	17.35	19.00
10	256QAM	25	0	17.49	17.68	17.58	19.00
10	256QAM	25	12	17.58	17.70	17.69	19.00
10	256QAM	25	25	17.55	17.57	17.56	19.00
10	256QAM	50	0	17.53	17.64	17.56	19.00
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	22.79	22.87	22.76	24.00
5	QPSK	1	12	22.76	22.82	22.53	24.00
5	QPSK	1	24	22.58	22.80	22.58	24.00
5	QPSK	12	0	21.78	21.83	21.77	23.00
5	QPSK	12	7	21.70	21.72	21.61	23.00
5	QPSK	12	13	21.74	21.81	21.54	23.00
5	QPSK	25	0	21.76	21.65	21.69	23.00
5	16QAM	1	0	21.60	21.79	21.50	23.00
5	16QAM	1	12	21.73	21.81	21.72	23.00
5	16QAM	1	24	21.82	21.78	21.53	23.00
5	16QAM	12	0	20.66	20.74	20.44	22.00
5	16QAM	12	7	20.67	20.85	20.65	22.00
5	16QAM	12	13	20.67	20.80	20.66	22.00
5	16QAM	25	0	20.77	20.94	20.71	22.00
5	64QAM	1	0	20.72	20.71	20.63	22.00
5	64QAM	1	12	20.61	20.79	20.64	22.00

5	64QAM	1	24	20.76	20.84	20.64	22.00
5	64QAM	12	0	19.78	19.87	19.76	21.00
5	64QAM	12	7	19.67	19.82	19.54	21.00
5	64QAM	12	13	19.62	19.81	19.76	21.00
5	64QAM	25	0	19.83	19.93	19.63	21.00
5	256QAM	1	0	17.58	17.72	17.45	19.00
5	256QAM	1	12	17.54	17.64	17.58	19.00
5	256QAM	1	24	17.54	17.55	17.45	19.00
5	256QAM	12	0	17.46	17.63	17.52	19.00
5	256QAM	12	7	17.67	17.72	17.64	19.00
5	256QAM	12	13	17.62	17.59	17.46	19.00
5	256QAM	25	0	17.48	17.57	17.50	19.00
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	22.89	22.90	22.82	24.00
3	QPSK	1	8	22.80	22.79	22.53	24.00
3	QPSK	1	14	22.58	22.88	22.63	24.00
3	QPSK	8	0	21.73	21.90	21.78	23.00
3	QPSK	8	4	21.60	21.81	21.66	23.00
3	QPSK	8	7	21.71	21.84	21.65	23.00
3	QPSK	15	0	21.73	21.70	21.70	23.00
3	16QAM	1	0	21.58	21.88	21.49	23.00
3	16QAM	1	8	21.78	21.82	21.67	23.00
3	16QAM	1	14	21.79	21.81	21.52	23.00
3	16QAM	8	0	20.66	20.79	20.43	22.00
3	16QAM	8	4	20.71	20.78	20.63	22.00
3	16QAM	8	7	20.67	20.79	20.67	22.00
3	16QAM	15	0	20.64	20.94	20.62	22.00
3	64QAM	1	0	20.61	20.71	20.64	22.00
3	64QAM	1	8	20.63	20.74	20.60	22.00
3	64QAM	1	14	20.77	20.93	20.63	22.00
3	64QAM	8	0	19.81	19.79	19.73	21.00
3	64QAM	8	4	19.69	19.70	19.60	21.00
3	64QAM	8	7	19.72	19.83	19.69	21.00
3	64QAM	15	0	19.82	19.88	19.62	21.00
3	256QAM	1	0	17.63	17.71	17.52	19.00
3	256QAM	1	8	17.63	17.70	17.58	19.00
3	256QAM	1	14	17.49	17.59	17.40	19.00
3	256QAM	8	0	17.55	17.71	17.62	19.00
3	256QAM	8	4	17.69	17.72	17.61	19.00
3	256QAM	8	7	17.64	17.55	17.60	19.00
3	256QAM	15	0	17.57	17.67	17.54	19.00
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	22.82	22.86	22.77	24.00
1.4	QPSK	1	3	22.77	22.81	22.60	24.00
1.4	QPSK	1	5	22.64	22.81	22.57	24.00
1.4	QPSK	3	0	22.72	22.92	22.81	24.00
1.4	QPSK	3	1	22.71	22.76	22.63	24.00
1.4	QPSK	3	3	22.73	22.84	22.62	24.00
1.4	QPSK	6	0	21.74	21.65	21.71	23.00
1.4	16QAM	1	0	21.66	21.87	21.56	23.00
1.4	16QAM	1	3	21.81	21.83	21.69	23.00
1.4	16QAM	1	5	21.75	21.86	21.52	23.00
1.4	16QAM	3	0	21.73	21.82	21.55	23.00
1.4	16QAM	3	1	21.73	21.79	21.61	23.00
1.4	16QAM	3	3	21.73	21.88	21.65	23.00
1.4	16QAM	6	0	20.67	20.94	20.65	22.00
1.4	64QAM	1	0	20.72	20.78	20.54	22.00
1.4	64QAM	1	3	20.74	20.70	20.58	22.00
1.4	64QAM	1	5	20.69	20.91	20.67	22.00
1.4	64QAM	3	0	20.71	20.89	20.78	22.00
1.4	64QAM	3	1	20.66	20.73	20.53	22.00
1.4	64QAM	3	3	20.66	20.78	20.81	22.00
1.4	64QAM	6	0	19.72	19.83	19.65	21.00
1.4	256QAM	1	0	17.61	17.69	17.52	19.00
1.4	256QAM	1	3	17.53	17.64	17.56	19.00
1.4	256QAM	1	5	17.52	17.61	17.41	19.00
1.4	256QAM	3	0	17.49	17.68	17.58	19.00
1.4	256QAM	3	1	17.63	17.69	17.70	19.00
1.4	256QAM	3	3	17.55	17.61	17.60	19.00
1.4	256QAM	6	0	17.58	17.69	17.46	19.00

【LTE Band 2_Ant 1_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	22.76	22.97	22.71	24.00
20	QPSK	1	49	22.72	22.96	22.56	24.00
20	QPSK	1	99	22.48	22.82	22.45	24.00
20	QPSK	50	0	21.70	21.95	21.64	23.00
20	QPSK	50	24	21.59	21.90	21.64	23.00
20	QPSK	50	50	21.64	21.94	21.66	23.00
20	QPSK	100	0	21.69	21.91	21.55	23.00
20	16QAM	1	0	21.76	22.05	21.79	23.00
20	16QAM	1	49	21.80	22.08	21.81	23.00
20	16QAM	1	99	21.76	22.10	21.71	23.00
20	16QAM	50	0	20.68	20.91	20.61	22.00
20	16QAM	50	24	20.57	20.90	20.54	22.00
20	16QAM	50	50	20.68	20.89	20.64	22.00
20	16QAM	100	0	20.62	20.90	20.64	22.00
20	64QAM	1	0	20.65	20.97	20.68	22.00
20	64QAM	1	49	20.73	21.04	20.79	22.00
20	64QAM	1	99	20.63	20.91	20.61	22.00
20	64QAM	50	0	19.69	19.88	19.63	21.00
20	64QAM	50	24	19.65	19.92	19.61	21.00
20	64QAM	50	50	19.60	19.91	19.67	21.00
20	64QAM	100	0	19.65	19.89	19.60	21.00
20	256QAM	1	0	17.68	17.94	17.62	19.00
20	256QAM	1	49	17.80	18.02	17.67	19.00
20	256QAM	1	99	17.52	17.82	17.59	19.00
20	256QAM	50	0	17.69	17.90	17.65	19.00
20	256QAM	50	24	17.66	17.88	17.59	19.00
20	256QAM	50	50	17.68	17.90	17.66	19.00
20	256QAM	100	0	17.68	17.87	17.63	19.00
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	22.64	22.91	22.58	24.00
15	QPSK	1	37	22.57	22.91	22.44	24.00
15	QPSK	1	74	22.34	22.80	22.34	24.00
15	QPSK	36	0	21.65	21.86	21.54	23.00
15	QPSK	36	20	21.56	21.76	21.53	23.00
15	QPSK	36	39	21.51	21.80	21.53	23.00
15	QPSK	75	0	21.55	21.89	21.43	23.00
15	16QAM	1	0	21.62	22.02	21.66	23.00
15	16QAM	1	37	21.70	22.04	21.79	23.00
15	16QAM	1	74	21.75	21.95	21.62	23.00
15	16QAM	36	0	20.55	20.84	20.52	22.00
15	16QAM	36	20	20.44	20.75	20.49	22.00
15	16QAM	36	39	20.66	20.84	20.61	22.00
15	16QAM	75	0	20.47	20.86	20.55	22.00
15	64QAM	1	0	20.63	20.94	20.64	22.00
15	64QAM	1	37	20.60	20.89	20.73	22.00
15	64QAM	1	74	20.62	20.87	20.49	22.00
15	64QAM	36	0	19.59	19.80	19.54	21.00
15	64QAM	36	20	19.59	19.77	19.56	21.00
15	64QAM	36	39	19.52	19.86	19.64	21.00
15	64QAM	75	0	19.57	19.84	19.52	21.00
15	256QAM	1	0	17.66	17.85	17.49	19.00
15	256QAM	1	37	17.78	17.89	17.54	19.00
15	256QAM	1	74	17.47	17.73	17.53	19.00
15	256QAM	36	0	17.56	17.86	17.60	19.00
15	256QAM	36	20	17.53	17.81	17.57	19.00
15	256QAM	36	39	17.62	17.75	17.52	19.00
15	256QAM	75	0	17.56	17.76	17.51	19.00
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	22.75	22.85	22.68	24.00
10	QPSK	1	25	22.71	22.90	22.54	24.00
10	QPSK	1	49	22.34	22.81	22.31	24.00
10	QPSK	25	0	21.59	21.80	21.56	23.00
10	QPSK	25	12	21.47	21.81	21.60	23.00
10	QPSK	25	25	21.53	21.90	21.60	23.00
10	QPSK	50	0	21.67	21.85	21.45	23.00
10	16QAM	1	0	21.67	22.01	21.64	23.00
10	16QAM	1	25	21.74	22.02	21.72	23.00
10	16QAM	1	49	21.73	21.99	21.66	23.00
10	16QAM	25	0	20.57	20.87	20.53	22.00
10	16QAM	25	12	20.44	20.84	20.50	22.00

10	16QAM	25	25	20.57	20.75	20.55	22.00
10	16QAM	50	0	20.49	20.78	20.55	22.00
10	64QAM	1	0	20.61	20.90	20.66	22.00
10	64QAM	1	25	20.59	20.97	20.68	22.00
10	64QAM	1	49	20.54	20.88	20.47	22.00
10	64QAM	25	0	19.66	19.75	19.55	21.00
10	64QAM	25	12	19.62	19.81	19.60	21.00
10	64QAM	25	25	19.55	19.85	19.59	21.00
10	64QAM	50	0	19.62	19.75	19.54	21.00
10	256QAM	1	0	17.57	17.80	17.53	19.00
10	256QAM	1	25	17.77	17.97	17.59	19.00
10	256QAM	1	49	17.38	17.69	17.55	19.00
10	256QAM	25	0	17.63	17.85	17.56	19.00
10	256QAM	25	12	17.57	17.75	17.47	19.00
10	256QAM	25	25	17.58	17.78	17.51	19.00
10	256QAM	50	0	17.65	17.82	17.58	19.00
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	22.63	22.94	22.67	24.00
5	QPSK	1	12	22.65	22.82	22.51	24.00
5	QPSK	1	24	22.46	22.73	22.43	24.00
5	QPSK	12	0	21.63	21.86	21.52	23.00
5	QPSK	12	7	21.52	21.77	21.58	23.00
5	QPSK	12	13	21.60	21.87	21.63	23.00
5	QPSK	25	0	21.59	21.87	21.45	23.00
5	16QAM	1	0	21.71	22.01	21.71	23.00
5	16QAM	1	12	21.68	22.04	21.71	23.00
5	16QAM	1	24	21.65	21.96	21.65	23.00
5	16QAM	12	0	20.64	20.89	20.57	22.00
5	16QAM	12	7	20.47	20.78	20.46	22.00
5	16QAM	12	13	20.58	20.77	20.52	22.00
5	16QAM	25	0	20.54	20.89	20.51	22.00
5	64QAM	1	0	20.58	20.92	20.54	22.00
5	64QAM	1	12	20.67	20.97	20.75	22.00
5	64QAM	1	24	20.51	20.83	20.57	22.00
5	64QAM	12	0	19.67	19.81	19.51	21.00
5	64QAM	12	7	19.54	19.82	19.55	21.00
5	64QAM	12	13	19.51	19.87	19.58	21.00
5	64QAM	25	0	19.61	19.79	19.53	21.00
5	256QAM	1	0	17.58	17.84	17.55	19.00
5	256QAM	1	12	17.78	17.90	17.62	19.00
5	256QAM	1	24	17.47	17.76	17.51	19.00
5	256QAM	12	0	17.58	17.80	17.59	19.00
5	256QAM	12	7	17.56	17.75	17.54	19.00
5	256QAM	12	13	17.57	17.88	17.57	19.00
5	256QAM	25	0	17.57	17.86	17.57	19.00
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	22.71	22.87	22.63	24.00
3	QPSK	1	8	22.58	22.83	22.46	24.00
3	QPSK	1	14	22.37	22.80	22.37	24.00
3	QPSK	8	0	21.59	21.81	21.55	23.00
3	QPSK	8	4	21.57	21.84	21.56	23.00
3	QPSK	8	7	21.58	21.88	21.65	23.00
3	QPSK	15	0	21.63	21.82	21.44	23.00
3	16QAM	1	0	21.62	21.90	21.75	23.00
3	16QAM	1	8	21.68	22.04	21.74	23.00
3	16QAM	1	14	21.72	22.06	21.70	23.00
3	16QAM	8	0	20.63	20.78	20.49	22.00
3	16QAM	8	4	20.55	20.84	20.48	22.00
3	16QAM	8	7	20.59	20.86	20.59	22.00
3	16QAM	15	0	20.53	20.75	20.52	22.00
3	64QAM	1	0	20.53	20.93	20.60	22.00
3	64QAM	1	8	20.70	20.95	20.70	22.00
3	64QAM	1	14	20.56	20.81	20.57	22.00
3	64QAM	8	0	19.64	19.76	19.61	21.00
3	64QAM	8	4	19.61	19.77	19.58	21.00
3	64QAM	8	7	19.56	19.86	19.64	21.00
3	64QAM	15	0	19.59	19.82	19.55	21.00
3	256QAM	1	0	17.66	17.80	17.60	19.00
3	256QAM	1	8	17.71	17.93	17.64	19.00
3	256QAM	1	14	17.50	17.81	17.53	19.00
3	256QAM	8	0	17.57	17.83	17.60	19.00
3	256QAM	8	4	17.53	17.78	17.55	19.00
3	256QAM	8	7	17.56	17.80	17.57	19.00
3	256QAM	15	0	17.54	17.85	17.51	19.00
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	

1.4	QPSK	1	0	22.72	22.88	22.59	24.00
1.4	QPSK	1	3	22.65	22.87	22.47	24.00
1.4	QPSK	1	5	22.42	22.73	22.42	24.00
1.4	QPSK	3	0	22.69	22.90	22.59	24.00
1.4	QPSK	3	1	22.58	22.82	22.49	24.00
1.4	QPSK	3	3	22.53	22.83	22.54	24.00
1.4	QPSK	6	0	21.63	21.79	21.49	23.00
1.4	16QAM	1	0	21.63	21.92	21.68	23.00
1.4	16QAM	1	3	21.75	22.04	21.78	23.00
1.4	16QAM	1	5	21.66	21.95	21.59	23.00
1.4	16QAM	3	0	21.62	21.78	21.55	23.00
1.4	16QAM	3	1	21.48	21.79	21.50	23.00
1.4	16QAM	3	3	21.59	21.83	21.59	23.00
1.4	16QAM	6	0	20.50	20.82	20.58	22.00
1.4	64QAM	1	0	20.56	20.89	20.59	22.00
1.4	64QAM	1	3	20.61	20.91	20.71	22.00
1.4	64QAM	1	5	20.49	20.88	20.46	22.00
1.4	64QAM	3	0	20.68	20.86	20.52	22.00
1.4	64QAM	3	1	20.62	20.86	20.52	22.00
1.4	64QAM	3	3	20.54	20.81	20.60	22.00
1.4	64QAM	6	0	19.51	19.86	19.50	21.00
1.4	256QAM	1	0	17.63	17.84	17.53	19.00
1.4	256QAM	1	3	17.78	17.97	17.58	19.00
1.4	256QAM	1	5	17.41	17.75	17.50	19.00
1.4	256QAM	3	0	17.56	17.76	17.50	19.00
1.4	256QAM	3	1	17.64	17.76	17.55	19.00
1.4	256QAM	3	3	17.59	17.86	17.56	19.00
1.4	256QAM	6	0	17.60	17.77	17.51	19.00

【LTE Band 2_Ant 1_ECI 2-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	22.92	22.96	22.88	24.00
20	QPSK	1	49	22.86	22.88	22.68	24.00
20	QPSK	1	99	22.68	22.89	22.70	24.00
20	QPSK	50	0	21.83	21.94	21.83	23.00
20	QPSK	50	24	21.73	21.82	21.73	23.00
20	QPSK	50	50	21.82	21.89	21.68	23.00
20	QPSK	100	0	21.77	21.79	21.74	23.00
20	16QAM	1	0	21.68	21.90	21.63	23.00
20	16QAM	1	49	21.82	21.89	21.74	23.00
20	16QAM	1	99	21.84	21.88	21.66	23.00
20	16QAM	50	0	20.80	20.84	20.57	22.00
20	16QAM	50	24	20.77	20.90	20.69	22.00
20	16QAM	50	50	20.77	20.90	20.74	22.00
20	16QAM	100	0	20.78	20.96	20.75	22.00
20	64QAM	1	0	20.75	20.86	20.68	22.00
20	64QAM	1	49	20.76	20.85	20.72	22.00
20	64QAM	1	99	20.83	20.95	20.73	22.00
20	64QAM	50	0	19.84	19.90	19.86	21.00
20	64QAM	50	24	19.79	19.84	19.67	21.00
20	64QAM	50	50	19.75	19.93	19.83	21.00
20	64QAM	100	0	19.85	19.97	19.71	21.00
20	256QAM	1	0	17.69	17.76	17.55	19.00
20	256QAM	1	49	17.67	17.78	17.64	19.00
20	256QAM	1	99	17.60	17.69	17.49	19.00
20	256QAM	50	0	17.57	17.76	17.66	19.00
20	256QAM	50	24	17.71	17.83	17.71	19.00
20	256QAM	50	50	17.67	17.69	17.61	19.00
20	256QAM	100	0	17.62	17.70	17.60	19.00
Channel				18675	18900	19125	
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	22.78	22.87	22.74	24.00
15	QPSK	1	37	22.73	22.87	22.59	24.00
15	QPSK	1	74	22.58	22.77	22.65	24.00
15	QPSK	36	0	21.81	21.82	21.70	23.00
15	QPSK	36	20	21.65	21.81	21.65	23.00
15	QPSK	36	39	21.70	21.76	21.58	23.00
15	QPSK	75	0	21.70	21.72	21.67	23.00
15	16QAM	1	0	21.61	21.78	21.54	23.00

15	16QAM	1	37	21.80	21.81	21.66	23.00
15	16QAM	1	74	21.71	21.85	21.56	23.00
15	16QAM	36	0	20.72	20.79	20.42	22.00
15	16QAM	36	20	20.66	20.84	20.57	22.00
15	16QAM	36	39	20.69	20.80	20.62	22.00
15	16QAM	75	0	20.70	20.90	20.72	22.00
15	64QAM	1	0	20.71	20.72	20.55	22.00
15	64QAM	1	37	20.70	20.83	20.69	22.00
15	64QAM	1	74	20.76	20.91	20.60	22.00
15	64QAM	36	0	19.76	19.77	19.80	21.00
15	64QAM	36	20	19.73	19.78	19.53	21.00
15	64QAM	36	39	19.72	19.91	19.75	21.00
15	64QAM	75	0	19.71	19.90	19.65	21.00
15	256QAM	1	0	17.57	17.68	17.54	19.00
15	256QAM	1	37	17.64	17.70	17.57	19.00
15	256QAM	1	74	17.53	17.66	17.47	19.00
15	256QAM	36	0	17.49	17.68	17.59	19.00
15	256QAM	36	20	17.59	17.73	17.60	19.00
15	256QAM	36	39	17.56	17.54	17.50	19.00
15	256QAM	75	0	17.55	17.61	17.52	19.00
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	22.84	22.92	22.81	24.00
10	QPSK	1	25	22.84	22.80	22.57	24.00
10	QPSK	1	49	22.64	22.79	22.64	24.00
10	QPSK	25	0	21.71	21.83	21.70	23.00
10	QPSK	25	12	21.72	21.77	21.70	23.00
10	QPSK	25	25	21.72	21.80	21.59	23.00
10	QPSK	50	0	21.74	21.68	21.61	23.00
10	16QAM	1	0	21.64	21.76	21.56	23.00
10	16QAM	1	25	21.75	21.85	21.63	23.00
10	16QAM	1	49	21.76	21.81	21.62	23.00
10	16QAM	25	0	20.72	20.78	20.50	22.00
10	16QAM	25	12	20.66	20.85	20.65	22.00
10	16QAM	25	25	20.69	20.80	20.59	22.00
10	16QAM	50	0	20.74	20.94	20.61	22.00
10	64QAM	1	0	20.66	20.81	20.61	22.00
10	64QAM	1	25	20.75	20.80	20.60	22.00
10	64QAM	1	49	20.70	20.87	20.70	22.00
10	64QAM	25	0	19.77	19.77	19.72	21.00
10	64QAM	25	12	19.73	19.81	19.57	21.00
10	64QAM	25	25	19.66	19.85	19.77	21.00
10	64QAM	50	0	19.75	19.84	19.57	21.00
10	256QAM	1	0	17.68	17.73	17.54	19.00
10	256QAM	1	25	17.64	17.71	17.60	19.00
10	256QAM	1	49	17.54	17.59	17.35	19.00
10	256QAM	25	0	17.49	17.68	17.58	19.00
10	256QAM	25	12	17.58	17.70	17.69	19.00
10	256QAM	25	25	17.55	17.57	17.56	19.00
10	256QAM	50	0	17.53	17.64	17.56	19.00
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	22.79	22.87	22.76	24.00
5	QPSK	1	12	22.76	22.82	22.53	24.00
5	QPSK	1	24	22.58	22.80	22.58	24.00
5	QPSK	12	0	21.78	21.83	21.77	23.00
5	QPSK	12	7	21.70	21.72	21.61	23.00
5	QPSK	12	13	21.74	21.81	21.54	23.00
5	QPSK	25	0	21.76	21.65	21.69	23.00
5	16QAM	1	0	21.60	21.79	21.50	23.00
5	16QAM	1	12	21.73	21.81	21.72	23.00
5	16QAM	1	24	21.82	21.78	21.53	23.00
5	16QAM	12	0	20.66	20.74	20.44	22.00
5	16QAM	12	7	20.67	20.85	20.65	22.00
5	16QAM	12	13	20.67	20.80	20.66	22.00
5	16QAM	25	0	20.77	20.94	20.71	22.00
5	64QAM	1	0	20.72	20.71	20.63	22.00
5	64QAM	1	12	20.61	20.79	20.64	22.00
5	64QAM	1	24	20.76	20.84	20.64	22.00
5	64QAM	12	0	19.78	19.87	19.76	21.00
5	64QAM	12	7	19.67	19.82	19.54	21.00
5	64QAM	12	13	19.62	19.81	19.76	21.00
5	64QAM	25	0	19.83	19.93	19.63	21.00
5	256QAM	1	0	17.58	17.72	17.45	19.00
5	256QAM	1	12	17.54	17.64	17.58	19.00
5	256QAM	1	24	17.54	17.55	17.45	19.00
5	256QAM	12	0	17.46	17.63	17.52	19.00
5	256QAM	12	7	17.67	17.72	17.64	19.00

5	256QAM	12	13	17.62	17.59	17.46	19.00
5	256QAM	25	0	17.48	17.57	17.50	19.00
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	22.89	22.90	22.82	24.00
3	QPSK	1	8	22.80	22.79	22.53	24.00
3	QPSK	1	14	22.58	22.88	22.63	24.00
3	QPSK	8	0	21.73	21.90	21.78	23.00
3	QPSK	8	4	21.60	21.81	21.66	23.00
3	QPSK	8	7	21.71	21.84	21.65	23.00
3	QPSK	15	0	21.73	21.70	21.70	23.00
3	16QAM	1	0	21.58	21.88	21.49	23.00
3	16QAM	1	8	21.78	21.82	21.67	23.00
3	16QAM	1	14	21.79	21.81	21.52	23.00
3	16QAM	8	0	20.66	20.79	20.43	22.00
3	16QAM	8	4	20.71	20.78	20.63	22.00
3	16QAM	8	7	20.67	20.79	20.67	22.00
3	16QAM	15	0	20.64	20.94	20.62	22.00
3	64QAM	1	0	20.61	20.71	20.64	22.00
3	64QAM	1	8	20.63	20.74	20.60	22.00
3	64QAM	1	14	20.77	20.93	20.63	22.00
3	64QAM	8	0	19.81	19.79	19.73	21.00
3	64QAM	8	4	19.69	19.70	19.60	21.00
3	64QAM	8	7	19.72	19.83	19.69	21.00
3	64QAM	15	0	19.82	19.88	19.62	21.00
3	256QAM	1	0	17.63	17.71	17.52	19.00
3	256QAM	1	8	17.63	17.70	17.58	19.00
3	256QAM	1	14	17.49	17.59	17.40	19.00
3	256QAM	8	0	17.55	17.71	17.62	19.00
3	256QAM	8	4	17.69	17.72	17.61	19.00
3	256QAM	8	7	17.64	17.55	17.60	19.00
3	256QAM	15	0	17.57	17.67	17.54	19.00
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	22.82	22.86	22.77	24.00
1.4	QPSK	1	3	22.77	22.81	22.60	24.00
1.4	QPSK	1	5	22.64	22.81	22.57	24.00
1.4	QPSK	3	0	22.72	22.92	22.81	24.00
1.4	QPSK	3	1	22.71	22.76	22.63	24.00
1.4	QPSK	3	3	22.73	22.84	22.62	24.00
1.4	QPSK	6	0	21.74	21.65	21.71	23.00
1.4	16QAM	1	0	21.66	21.87	21.56	23.00
1.4	16QAM	1	3	21.81	21.83	21.69	23.00
1.4	16QAM	1	5	21.75	21.86	21.52	23.00
1.4	16QAM	3	0	21.73	21.82	21.55	23.00
1.4	16QAM	3	1	21.73	21.79	21.61	23.00
1.4	16QAM	3	3	21.73	21.88	21.65	23.00
1.4	16QAM	6	0	20.67	20.94	20.65	22.00
1.4	64QAM	1	0	20.72	20.78	20.54	22.00
1.4	64QAM	1	3	20.74	20.70	20.58	22.00
1.4	64QAM	1	5	20.69	20.91	20.67	22.00
1.4	64QAM	3	0	20.71	20.89	20.78	22.00
1.4	64QAM	3	1	20.66	20.73	20.53	22.00
1.4	64QAM	3	3	20.66	20.78	20.81	22.00
1.4	64QAM	6	0	19.72	19.83	19.65	21.00
1.4	256QAM	1	0	17.61	17.69	17.52	19.00
1.4	256QAM	1	3	17.53	17.64	17.56	19.00
1.4	256QAM	1	5	17.52	17.61	17.41	19.00
1.4	256QAM	3	0	17.49	17.68	17.58	19.00
1.4	256QAM	3	1	17.63	17.69	17.70	19.00
1.4	256QAM	3	3	17.55	17.61	17.60	19.00
1.4	256QAM	6	0	17.58	17.69	17.46	19.00

【LTE Band 2_Ant 1_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	20.62	20.77	20.64	21.90
20	QPSK	1	49	20.50	20.73	20.47	21.90
20	QPSK	1	99	20.58	20.70	20.49	21.90
20	QPSK	50	0	20.51	20.71	20.54	21.90

20	QPSK	50	24	20.60	20.69	20.49	21.90
20	QPSK	50	50	20.51	20.67	20.51	21.90
20	QPSK	100	0	20.52	20.65	20.54	21.90
20	16QAM	1	0	20.53	20.72	20.50	21.90
20	16QAM	1	49	20.55	20.73	20.48	21.90
20	16QAM	1	99	20.57	20.63	20.48	21.90
20	16QAM	50	0	20.56	20.65	20.53	21.90
20	16QAM	50	24	20.55	20.71	20.54	21.90
20	16QAM	50	50	20.59	20.71	20.54	21.90
20	16QAM	100	0	20.53	20.64	20.49	21.90
20	64QAM	1	0	20.56	20.64	20.51	21.90
20	64QAM	1	49	20.54	20.71	20.50	21.90
20	64QAM	1	99	20.55	20.65	20.47	21.90
20	64QAM	50	0	19.69	19.88	19.63	20.90
20	64QAM	50	24	19.65	19.92	19.61	20.90
20	64QAM	50	50	19.60	19.91	19.67	20.90
20	64QAM	100	0	19.65	19.89	19.60	20.90
20	256QAM	1	0	17.68	17.94	17.62	18.90
20	256QAM	1	49	17.80	18.02	17.67	18.90
20	256QAM	1	99	17.52	17.82	17.59	18.90
20	256QAM	50	0	17.69	17.90	17.65	18.90
20	256QAM	50	24	17.66	17.88	17.59	18.90
20	256QAM	50	50	17.68	17.90	17.66	18.90
20	256QAM	100	0	17.68	17.87	17.63	18.90
Channel				18675	18900	19125	Tune-up limit
Frequency (MHz)				1857.5	1880	1902.5	(dBm)
15	QPSK	1	0	20.47	20.74	20.56	21.90
15	QPSK	1	37	20.41	20.66	20.45	21.90
15	QPSK	1	74	20.53	20.63	20.36	21.90
15	QPSK	36	0	20.40	20.61	20.47	21.90
15	QPSK	36	20	20.55	20.54	20.46	21.90
15	QPSK	36	39	20.41	20.62	20.42	21.90
15	QPSK	75	0	20.50	20.51	20.45	21.90
15	16QAM	1	0	20.38	20.62	20.41	21.90
15	16QAM	1	37	20.53	20.70	20.40	21.90
15	16QAM	1	74	20.55	20.56	20.37	21.90
15	16QAM	36	0	20.52	20.62	20.40	21.90
15	16QAM	36	20	20.43	20.59	20.44	21.90
15	16QAM	36	39	20.49	20.65	20.41	21.90
15	16QAM	75	0	20.44	20.50	20.42	21.90
15	64QAM	1	0	20.47	20.59	20.43	21.90
15	64QAM	1	37	20.40	20.65	20.49	21.90
15	64QAM	1	74	20.52	20.58	20.33	21.90
15	64QAM	36	0	19.55	19.75	19.50	20.90
15	64QAM	36	20	19.50	19.87	19.48	20.90
15	64QAM	36	39	19.53	19.84	19.60	20.90
15	64QAM	75	0	19.62	19.79	19.56	20.90
15	256QAM	1	0	17.67	17.81	17.49	18.90
15	256QAM	1	37	17.74	17.91	17.56	18.90
15	256QAM	1	74	17.47	17.68	17.50	18.90
15	256QAM	36	0	17.55	17.77	17.52	18.90
15	256QAM	36	20	17.63	17.80	17.54	18.90
15	256QAM	36	39	17.59	17.88	17.63	18.90
15	256QAM	75	0	17.66	17.79	17.59	18.90
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	20.55	20.73	20.61	21.90
10	QPSK	1	25	20.48	20.60	20.35	21.90
10	QPSK	1	49	20.43	20.59	20.35	21.90
10	QPSK	25	0	20.48	20.63	20.43	21.90
10	QPSK	25	12	20.49	20.64	20.40	21.90
10	QPSK	25	25	20.47	20.58	20.46	21.90
10	QPSK	50	0	20.51	20.52	20.48	21.90
10	16QAM	1	0	20.42	20.65	20.44	21.90
10	16QAM	1	25	20.46	20.67	20.40	21.90
10	16QAM	1	49	20.47	20.50	20.34	21.90
10	16QAM	25	0	20.42	20.55	20.41	21.90
10	16QAM	25	12	20.49	20.65	20.41	21.90
10	16QAM	25	25	20.46	20.66	20.50	21.90
10	16QAM	50	0	20.38	20.53	20.48	21.90
10	64QAM	1	0	20.52	20.62	20.43	21.90
10	64QAM	1	25	20.46	20.60	20.35	21.90
10	64QAM	1	49	20.47	20.55	20.40	21.90
10	64QAM	25	0	19.67	19.80	19.49	20.90
10	64QAM	25	12	19.60	19.80	19.60	20.90
10	64QAM	25	25	19.57	19.83	19.65	20.90
10	64QAM	50	0	19.58	19.87	19.56	20.90
10	256QAM	1	0	17.65	17.83	17.52	18.90

10	256QAM	1	25	17.71	17.92	17.56	18.90
10	256QAM	1	49	17.45	17.69	17.55	18.90
10	256QAM	25	0	17.57	17.82	17.56	18.90
10	256QAM	25	12	17.56	17.84	17.45	18.90
10	256QAM	25	25	17.57	17.76	17.56	18.90
10	256QAM	50	0	17.65	17.73	17.58	18.90
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	20.58	20.68	20.55	21.90
5	QPSK	1	12	20.46	20.69	20.34	21.90
5	QPSK	1	24	20.52	20.59	20.48	21.90
5	QPSK	12	0	20.36	20.68	20.41	21.90
5	QPSK	12	7	20.53	20.62	20.42	21.90
5	QPSK	12	13	20.36	20.65	20.49	21.90
5	QPSK	25	0	20.47	20.57	20.47	21.90
5	16QAM	1	0	20.44	20.61	20.45	21.90
5	16QAM	1	12	20.48	20.67	20.44	21.90
5	16QAM	1	24	20.51	20.52	20.45	21.90
5	16QAM	12	0	20.52	20.62	20.46	21.90
5	16QAM	12	7	20.48	20.67	20.44	21.90
5	16QAM	12	13	20.44	20.63	20.51	21.90
5	16QAM	25	0	20.47	20.53	20.45	21.90
5	64QAM	1	0	20.55	20.54	20.44	21.90
5	64QAM	1	12	20.42	20.64	20.35	21.90
5	64QAM	1	24	20.53	20.58	20.35	21.90
5	64QAM	12	0	19.55	19.78	19.51	20.90
5	64QAM	12	7	19.58	19.88	19.47	20.90
5	64QAM	12	13	19.53	19.88	19.57	20.90
5	64QAM	25	0	19.57	19.76	19.56	20.90
5	256QAM	1	0	17.54	17.80	17.50	18.90
5	256QAM	1	12	17.77	17.96	17.58	18.90
5	256QAM	1	24	17.42	17.69	17.56	18.90
5	256QAM	12	0	17.62	17.77	17.60	18.90
5	256QAM	12	7	17.51	17.74	17.58	18.90
5	256QAM	12	13	17.65	17.89	17.58	18.90
5	256QAM	25	0	17.59	17.74	17.50	18.90
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	20.50	20.75	20.57	21.90
3	QPSK	1	8	20.45	20.59	20.35	21.90
3	QPSK	1	14	20.53	20.62	20.45	21.90
3	QPSK	8	0	20.45	20.67	20.50	21.90
3	QPSK	8	4	20.56	20.59	20.36	21.90
3	QPSK	8	7	20.45	20.53	20.42	21.90
3	QPSK	15	0	20.44	20.64	20.50	21.90
3	16QAM	1	0	20.39	20.62	20.48	21.90
3	16QAM	1	8	20.54	20.68	20.40	21.90
3	16QAM	1	14	20.47	20.55	20.44	21.90
3	16QAM	8	0	20.48	20.55	20.44	21.90
3	16QAM	8	4	20.46	20.63	20.46	21.90
3	16QAM	8	7	20.56	20.59	20.47	21.90
3	16QAM	15	0	20.42	20.52	20.44	21.90
3	64QAM	1	0	20.50	20.54	20.49	21.90
3	64QAM	1	8	20.51	20.58	20.46	21.90
3	64QAM	1	14	20.46	20.50	20.34	21.90
3	64QAM	8	0	19.57	19.83	19.55	20.90
3	64QAM	8	4	19.53	19.83	19.53	20.90
3	64QAM	8	7	19.55	19.78	19.61	20.90
3	64QAM	15	0	19.55	19.83	19.48	20.90
3	256QAM	1	0	17.64	17.81	17.54	18.90
3	256QAM	1	8	17.78	17.96	17.64	18.90
3	256QAM	1	14	17.49	17.81	17.56	18.90
3	256QAM	8	0	17.64	17.76	17.64	18.90
3	256QAM	8	4	17.52	17.84	17.47	18.90
3	256QAM	8	7	17.56	17.81	17.52	18.90
3	256QAM	15	0	17.63	17.74	17.58	18.90
Channel				18607	18900	19193	Tune-up limit
Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	20.61	20.73	20.52	21.90
1.4	QPSK	1	3	20.42	20.71	20.39	21.90
1.4	QPSK	1	5	20.45	20.61	20.36	21.90
1.4	QPSK	3	0	20.37	20.60	20.52	21.90
1.4	QPSK	3	1	20.58	20.56	20.36	21.90
1.4	QPSK	3	3	20.40	20.59	20.37	21.90
1.4	QPSK	6	0	20.47	20.58	20.44	21.90
1.4	16QAM	1	0	20.42	20.67	20.42	21.90
1.4	16QAM	1	3	20.44	20.68	20.43	21.90
1.4	16QAM	1	5	20.48	20.50	20.39	21.90

1.4	16QAM	3	0	20.54	20.59	20.51	21.90
1.4	16QAM	3	1	20.53	20.66	20.44	21.90
1.4	16QAM	3	3	20.48	20.65	20.42	21.90
1.4	16QAM	6	0	20.48	20.59	20.43	21.90
1.4	64QAM	1	0	20.48	20.61	20.42	21.90
1.4	64QAM	1	3	20.46	20.65	20.43	21.90
1.4	64QAM	1	5	20.52	20.50	20.34	21.90
1.4	64QAM	3	0	20.54	20.77	20.53	21.90
1.4	64QAM	3	1	20.57	20.81	20.57	21.90
1.4	64QAM	3	3	20.52	20.88	20.53	21.90
1.4	64QAM	6	0	19.51	19.76	19.50	20.90
1.4	256QAM	1	0	17.66	17.91	17.58	18.90
1.4	256QAM	1	3	17.71	17.99	17.64	18.90
1.4	256QAM	1	5	17.49	17.68	17.51	18.90
1.4	256QAM	3	0	17.67	17.83	17.56	18.90
1.4	256QAM	3	1	17.60	17.76	17.57	18.90
1.4	256QAM	3	3	17.66	17.83	17.62	18.90
1.4	256QAM	6	0	17.60	17.77	17.51	18.90

【LTE Band 2_Ant 1_ECI 3-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	20.68	20.76	20.62	21.90
20	QPSK	1	49	20.56	20.69	20.53	21.90
20	QPSK	1	99	20.54	20.73	20.55	21.90
20	QPSK	50	0	20.62	20.70	20.58	21.90
20	QPSK	50	24	20.59	20.69	20.50	21.90
20	QPSK	50	50	20.52	20.69	20.56	21.90
20	QPSK	100	0	20.59	20.66	20.48	21.90
20	16QAM	1	0	20.50	20.72	20.51	21.90
20	16QAM	1	49	20.55	20.64	20.51	21.90
20	16QAM	1	99	20.55	20.71	20.52	21.90
20	16QAM	50	0	20.55	20.63	20.55	21.90
20	16QAM	50	24	20.54	20.65	20.49	21.90
20	16QAM	50	50	20.57	20.71	20.55	21.90
20	16QAM	100	0	20.60	20.70	20.50	21.90
20	64QAM	1	0	20.55	20.67	20.49	21.90
20	64QAM	1	49	20.58	20.69	20.49	21.90
20	64QAM	1	99	20.55	20.64	20.50	21.90
20	64QAM	50	0	19.84	19.90	19.86	20.90
20	64QAM	50	24	19.79	19.84	19.67	20.90
20	64QAM	50	50	19.75	19.93	19.83	20.90
20	64QAM	100	0	19.85	19.97	19.71	20.90
20	256QAM	1	0	17.69	17.76	17.55	18.90
20	256QAM	1	49	17.67	17.78	17.64	18.90
20	256QAM	1	99	17.60	17.69	17.49	18.90
20	256QAM	50	0	17.57	17.76	17.66	18.90
20	256QAM	50	24	17.71	17.83	17.71	18.90
20	256QAM	50	50	17.67	17.69	17.61	18.90
20	256QAM	100	0	17.62	17.70	17.60	18.90
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	20.63	20.66	20.53	21.90
15	QPSK	1	37	20.44	20.54	20.50	21.90
15	QPSK	1	74	20.45	20.62	20.45	21.90
15	QPSK	36	0	20.48	20.65	20.41	21.90
15	QPSK	36	20	20.53	20.64	20.47	21.90
15	QPSK	36	39	20.40	20.60	20.53	21.90
15	QPSK	75	0	20.53	20.61	20.40	21.90
15	16QAM	1	0	20.45	20.64	20.44	21.90
15	16QAM	1	37	20.49	20.51	20.37	21.90
15	16QAM	1	74	20.51	20.62	20.49	21.90
15	16QAM	36	0	20.52	20.62	20.52	21.90
15	16QAM	36	20	20.41	20.51	20.43	21.90
15	16QAM	36	39	20.53	20.62	20.48	21.90
15	16QAM	75	0	20.53	20.62	20.45	21.90
15	64QAM	1	0	20.46	20.56	20.45	21.90
15	64QAM	1	37	20.52	20.60	20.38	21.90
15	64QAM	1	74	20.41	20.50	20.48	21.90
15	64QAM	36	0	19.73	19.89	19.73	20.90

15	64QAM	36	20	19.69	19.73	19.55	20.90
15	64QAM	36	39	19.64	19.81	19.69	20.90
15	64QAM	75	0	19.80	19.88	19.64	20.90
15	256QAM	1	0	17.56	17.70	17.42	18.90
15	256QAM	1	37	17.55	17.67	17.60	18.90
15	256QAM	1	74	17.45	17.54	17.45	18.90
15	256QAM	36	0	17.51	17.72	17.53	18.90
15	256QAM	36	20	17.62	17.76	17.64	18.90
15	256QAM	36	39	17.58	17.66	17.58	18.90
15	256QAM	75	0	17.55	17.57	17.49	18.90
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	20.63	20.64	20.48	21.90
10	QPSK	1	25	20.43	20.65	20.52	21.90
10	QPSK	1	49	20.40	20.70	20.49	21.90
10	QPSK	25	0	20.41	20.62	20.34	21.90
10	QPSK	25	12	20.56	20.55	20.37	21.90
10	QPSK	25	25	20.43	20.66	20.43	21.90
10	QPSK	50	0	20.53	20.56	20.42	21.90
10	16QAM	1	0	20.37	20.71	20.40	21.90
10	16QAM	1	25	20.41	20.59	20.38	21.90
10	16QAM	1	49	20.52	20.64	20.37	21.90
10	16QAM	25	0	20.44	20.61	20.53	21.90
10	16QAM	25	12	20.44	20.62	20.36	21.90
10	16QAM	25	25	20.53	20.57	20.51	21.90
10	16QAM	50	0	20.46	20.67	20.43	21.90
10	64QAM	1	0	20.50	20.61	20.36	21.90
10	64QAM	1	25	20.49	20.68	20.46	21.90
10	64QAM	1	49	20.42	20.60	20.38	21.90
10	64QAM	25	0	19.72	19.77	19.75	20.90
10	64QAM	25	12	19.67	19.83	19.63	20.90
10	64QAM	25	25	19.67	19.90	19.78	20.90
10	64QAM	50	0	19.77	19.86	19.69	20.90
10	256QAM	1	0	17.57	17.64	17.50	18.90
10	256QAM	1	25	17.55	17.64	17.50	18.90
10	256QAM	1	49	17.48	17.67	17.40	18.90
10	256QAM	25	0	17.54	17.61	17.62	18.90
10	256QAM	25	12	17.64	17.77	17.69	18.90
10	256QAM	25	25	17.58	17.57	17.57	18.90
10	256QAM	50	0	17.56	17.57	17.59	18.90
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	20.58	20.63	20.60	21.90
5	QPSK	1	12	20.53	20.59	20.39	21.90
5	QPSK	1	24	20.49	20.66	20.52	21.90
5	QPSK	12	0	20.47	20.66	20.41	21.90
5	QPSK	12	7	20.48	20.63	20.44	21.90
5	QPSK	12	13	20.43	20.64	20.48	21.90
5	QPSK	25	0	20.56	20.56	20.45	21.90
5	16QAM	1	0	20.41	20.70	20.39	21.90
5	16QAM	1	12	20.48	20.53	20.41	21.90
5	16QAM	1	24	20.41	20.63	20.44	21.90
5	16QAM	12	0	20.52	20.49	20.51	21.90
5	16QAM	12	7	20.48	20.61	20.35	21.90
5	16QAM	12	13	20.42	20.65	20.46	21.90
5	16QAM	25	0	20.49	20.58	20.42	21.90
5	64QAM	1	0	20.44	20.58	20.45	21.90
5	64QAM	1	12	20.44	20.55	20.48	21.90
5	64QAM	1	24	20.46	20.61	20.36	21.90
5	64QAM	12	0	19.80	19.80	19.84	20.90
5	64QAM	12	7	19.74	19.75	19.64	20.90
5	64QAM	12	13	19.66	19.85	19.78	20.90
5	64QAM	25	0	19.83	19.86	19.61	20.90
5	256QAM	1	0	17.65	17.72	17.43	18.90
5	256QAM	1	12	17.62	17.73	17.60	18.90
5	256QAM	1	24	17.57	17.55	17.46	18.90
5	256QAM	12	0	17.56	17.73	17.59	18.90
5	256QAM	12	7	17.67	17.74	17.59	18.90
5	256QAM	12	13	17.64	17.58	17.54	18.90
5	256QAM	25	0	17.57	17.59	17.55	18.90
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	20.56	20.71	20.53	21.90
3	QPSK	1	8	20.52	20.61	20.46	21.90
3	QPSK	1	14	20.43	20.72	20.47	21.90
3	QPSK	8	0	20.38	20.65	20.34	21.90
3	QPSK	8	4	20.50	20.54	20.41	21.90
3	QPSK	8	7	20.45	20.55	20.54	21.90

3	QPSK	15	0	20.53	20.52	20.39	21.90
3	16QAM	1	0	20.38	20.61	20.38	21.90
3	16QAM	1	8	20.50	20.53	20.42	21.90
3	16QAM	1	14	20.49	20.60	20.46	21.90
3	16QAM	8	0	20.48	20.56	20.47	21.90
3	16QAM	8	4	20.45	20.63	20.39	21.90
3	16QAM	8	7	20.54	20.63	20.41	21.90
3	16QAM	15	0	20.51	20.56	20.39	21.90
3	64QAM	1	0	20.46	20.61	20.38	21.90
3	64QAM	1	8	20.56	20.61	20.45	21.90
3	64QAM	1	14	20.45	20.62	20.36	21.90
3	64QAM	8	0	19.70	19.86	19.79	20.90
3	64QAM	8	4	19.76	19.82	19.63	20.90
3	64QAM	8	7	19.73	19.86	19.76	20.90
3	64QAM	15	0	19.71	19.94	19.67	20.90
3	256QAM	1	0	17.58	17.70	17.49	18.90
3	256QAM	1	8	17.62	17.69	17.58	18.90
3	256QAM	1	14	17.54	17.66	17.46	18.90
3	256QAM	8	0	17.48	17.70	17.64	18.90
3	256QAM	8	4	17.66	17.78	17.65	18.90
3	256QAM	8	7	17.55	17.64	17.49	18.90
3	256QAM	15	0	17.55	17.59	17.45	18.90
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	20.56	20.62	20.59	21.90
1.4	QPSK	1	3	20.47	20.56	20.40	21.90
1.4	QPSK	1	5	20.39	20.67	20.44	21.90
1.4	QPSK	3	0	20.46	20.63	20.38	21.90
1.4	QPSK	3	1	20.56	20.60	20.41	21.90
1.4	QPSK	3	3	20.50	20.59	20.42	21.90
1.4	QPSK	6	0	20.52	20.57	20.36	21.90
1.4	16QAM	1	0	20.41	20.63	20.48	21.90
1.4	16QAM	1	3	20.40	20.62	20.39	21.90
1.4	16QAM	1	5	20.49	20.57	20.46	21.90
1.4	16QAM	3	0	20.49	20.57	20.47	21.90
1.4	16QAM	3	1	20.44	20.53	20.37	21.90
1.4	16QAM	3	3	20.54	20.62	20.47	21.90
1.4	16QAM	6	0	20.51	20.56	20.39	21.90
1.4	64QAM	1	0	20.49	20.60	20.35	21.90
1.4	64QAM	1	3	20.45	20.66	20.45	21.90
1.4	64QAM	1	5	20.45	20.60	20.40	21.90
1.4	64QAM	3	0	20.74	20.85	20.79	21.90
1.4	64QAM	3	1	20.71	20.69	20.53	21.90
1.4	64QAM	3	3	20.61	20.91	20.75	21.90
1.4	64QAM	6	0	19.84	19.86	19.58	20.90
1.4	256QAM	1	0	17.55	17.71	17.53	18.90
1.4	256QAM	1	3	17.57	17.63	17.63	18.90
1.4	256QAM	1	5	17.55	17.56	17.42	18.90
1.4	256QAM	3	0	17.54	17.72	17.62	18.90
1.4	256QAM	3	1	17.68	17.69	17.63	18.90
1.4	256QAM	3	3	17.52	17.65	17.57	18.90
1.4	256QAM	6	0	17.52	17.56	17.49	18.90

【LTE Band 2_Ant 1_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	22.76	22.97	22.71	24.00
20	QPSK	1	49	22.72	22.96	22.56	24.00
20	QPSK	1	99	22.48	22.82	22.45	24.00
20	QPSK	50	0	21.70	21.95	21.64	23.00
20	QPSK	50	24	21.59	21.90	21.64	23.00
20	QPSK	50	50	21.64	21.94	21.66	23.00
20	QPSK	100	0	21.69	21.91	21.55	23.00
20	16QAM	1	0	21.76	22.05	21.79	23.00
20	16QAM	1	49	21.80	22.08	21.81	23.00
20	16QAM	1	99	21.76	22.10	21.71	23.00
20	16QAM	50	0	20.68	20.91	20.61	22.00
20	16QAM	50	24	20.57	20.90	20.54	22.00
20	16QAM	50	50	20.68	20.89	20.64	22.00
20	16QAM	100	0	20.62	20.90	20.64	22.00

20	64QAM	1	0	20.65	20.97	20.68	22.00
20	64QAM	1	49	20.73	21.04	20.79	22.00
20	64QAM	1	99	20.63	20.91	20.61	22.00
20	64QAM	50	0	19.69	19.88	19.63	21.00
20	64QAM	50	24	19.65	19.92	19.61	21.00
20	64QAM	50	50	19.60	19.91	19.67	21.00
20	64QAM	100	0	19.65	19.89	19.60	21.00
20	256QAM	1	0	17.68	17.94	17.62	19.00
20	256QAM	1	49	17.80	18.02	17.67	19.00
20	256QAM	1	99	17.52	17.82	17.59	19.00
20	256QAM	50	0	17.69	17.90	17.65	19.00
20	256QAM	50	24	17.66	17.88	17.59	19.00
20	256QAM	50	50	17.68	17.90	17.66	19.00
20	256QAM	100	0	17.68	17.87	17.63	19.00
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	22.64	22.91	22.58	24.00
15	QPSK	1	37	22.57	22.91	22.44	24.00
15	QPSK	1	74	22.34	22.80	22.34	24.00
15	QPSK	36	0	21.65	21.86	21.54	23.00
15	QPSK	36	20	21.56	21.76	21.53	23.00
15	QPSK	36	39	21.51	21.80	21.53	23.00
15	QPSK	75	0	21.55	21.89	21.43	23.00
15	16QAM	1	0	21.62	22.02	21.66	23.00
15	16QAM	1	37	21.70	22.04	21.79	23.00
15	16QAM	1	74	21.75	21.95	21.62	23.00
15	16QAM	36	0	20.55	20.84	20.52	22.00
15	16QAM	36	20	20.44	20.75	20.49	22.00
15	16QAM	36	39	20.66	20.84	20.61	22.00
15	16QAM	75	0	20.47	20.86	20.55	22.00
15	64QAM	1	0	20.63	20.94	20.64	22.00
15	64QAM	1	37	20.60	20.89	20.73	22.00
15	64QAM	1	74	20.62	20.87	20.49	22.00
15	64QAM	36	0	19.59	19.80	19.54	21.00
15	64QAM	36	20	19.59	19.77	19.56	21.00
15	64QAM	36	39	19.52	19.86	19.64	21.00
15	64QAM	75	0	19.57	19.84	19.52	21.00
15	256QAM	1	0	17.66	17.85	17.49	19.00
15	256QAM	1	37	17.78	17.89	17.54	19.00
15	256QAM	1	74	17.47	17.73	17.53	19.00
15	256QAM	36	0	17.56	17.86	17.60	19.00
15	256QAM	36	20	17.53	17.81	17.57	19.00
15	256QAM	36	39	17.62	17.75	17.52	19.00
15	256QAM	75	0	17.56	17.76	17.51	19.00
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	22.75	22.85	22.68	24.00
10	QPSK	1	25	22.71	22.90	22.54	24.00
10	QPSK	1	49	22.34	22.81	22.31	24.00
10	QPSK	25	0	21.59	21.80	21.56	23.00
10	QPSK	25	12	21.47	21.81	21.60	23.00
10	QPSK	25	25	21.53	21.90	21.60	23.00
10	QPSK	50	0	21.67	21.85	21.45	23.00
10	16QAM	1	0	21.67	22.01	21.64	23.00
10	16QAM	1	25	21.74	22.02	21.72	23.00
10	16QAM	1	49	21.73	21.99	21.66	23.00
10	16QAM	25	0	20.57	20.87	20.53	22.00
10	16QAM	25	12	20.44	20.84	20.50	22.00
10	16QAM	25	25	20.57	20.75	20.55	22.00
10	16QAM	50	0	20.49	20.78	20.55	22.00
10	64QAM	1	0	20.61	20.90	20.66	22.00
10	64QAM	1	25	20.59	20.97	20.68	22.00
10	64QAM	1	49	20.54	20.88	20.47	22.00
10	64QAM	25	0	19.66	19.75	19.55	21.00
10	64QAM	25	12	19.62	19.81	19.60	21.00
10	64QAM	25	25	19.55	19.85	19.59	21.00
10	64QAM	50	0	19.62	19.75	19.54	21.00
10	256QAM	1	0	17.57	17.80	17.53	19.00
10	256QAM	1	25	17.77	17.97	17.59	19.00
10	256QAM	1	49	17.38	17.69	17.55	19.00
10	256QAM	25	0	17.63	17.85	17.56	19.00
10	256QAM	25	12	17.57	17.75	17.47	19.00
10	256QAM	25	25	17.58	17.78	17.51	19.00
10	256QAM	50	0	17.65	17.82	17.58	19.00
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	22.63	22.94	22.67	24.00
5	QPSK	1	12	22.65	22.82	22.51	24.00

5	QPSK	1	24	22.46	22.73	22.43	24.00
5	QPSK	12	0	21.63	21.86	21.52	23.00
5	QPSK	12	7	21.52	21.77	21.58	23.00
5	QPSK	12	13	21.60	21.87	21.63	23.00
5	QPSK	25	0	21.59	21.87	21.45	23.00
5	16QAM	1	0	21.71	22.01	21.71	23.00
5	16QAM	1	12	21.68	22.04	21.71	23.00
5	16QAM	1	24	21.65	21.96	21.65	23.00
5	16QAM	12	0	20.64	20.89	20.57	22.00
5	16QAM	12	7	20.47	20.78	20.46	22.00
5	16QAM	12	13	20.58	20.77	20.52	22.00
5	16QAM	25	0	20.54	20.89	20.51	22.00
5	64QAM	1	0	20.58	20.92	20.54	22.00
5	64QAM	1	12	20.67	20.97	20.75	22.00
5	64QAM	1	24	20.51	20.83	20.57	22.00
5	64QAM	12	0	19.67	19.81	19.51	21.00
5	64QAM	12	7	19.54	19.82	19.55	21.00
5	64QAM	12	13	19.51	19.87	19.58	21.00
5	64QAM	25	0	19.61	19.79	19.53	21.00
5	256QAM	1	0	17.58	17.84	17.55	19.00
5	256QAM	1	12	17.78	17.90	17.62	19.00
5	256QAM	1	24	17.47	17.76	17.51	19.00
5	256QAM	12	0	17.58	17.80	17.59	19.00
5	256QAM	12	7	17.56	17.75	17.54	19.00
5	256QAM	12	13	17.57	17.88	17.57	19.00
5	256QAM	25	0	17.57	17.86	17.57	19.00
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	22.71	22.87	22.63	24.00
3	QPSK	1	8	22.58	22.83	22.46	24.00
3	QPSK	1	14	22.37	22.80	22.37	24.00
3	QPSK	8	0	21.59	21.81	21.55	23.00
3	QPSK	8	4	21.57	21.84	21.56	23.00
3	QPSK	8	7	21.58	21.88	21.65	23.00
3	QPSK	15	0	21.63	21.82	21.44	23.00
3	16QAM	1	0	21.62	21.90	21.75	23.00
3	16QAM	1	8	21.68	22.04	21.74	23.00
3	16QAM	1	14	21.72	22.06	21.70	23.00
3	16QAM	8	0	20.63	20.78	20.49	22.00
3	16QAM	8	4	20.55	20.84	20.48	22.00
3	16QAM	8	7	20.59	20.86	20.59	22.00
3	16QAM	15	0	20.53	20.75	20.52	22.00
3	64QAM	1	0	20.53	20.93	20.60	22.00
3	64QAM	1	8	20.70	20.95	20.70	22.00
3	64QAM	1	14	20.56	20.81	20.57	22.00
3	64QAM	8	0	19.64	19.76	19.61	21.00
3	64QAM	8	4	19.61	19.77	19.58	21.00
3	64QAM	8	7	19.56	19.86	19.64	21.00
3	64QAM	15	0	19.59	19.82	19.55	21.00
3	256QAM	1	0	17.66	17.80	17.60	19.00
3	256QAM	1	8	17.71	17.93	17.64	19.00
3	256QAM	1	14	17.50	17.81	17.53	19.00
3	256QAM	8	0	17.57	17.83	17.60	19.00
3	256QAM	8	4	17.53	17.78	17.55	19.00
3	256QAM	8	7	17.56	17.80	17.57	19.00
3	256QAM	15	0	17.54	17.85	17.51	19.00
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	22.72	22.88	22.59	24.00
1.4	QPSK	1	3	22.65	22.87	22.47	24.00
1.4	QPSK	1	5	22.42	22.73	22.42	24.00
1.4	QPSK	3	0	22.69	22.90	22.59	24.00
1.4	QPSK	3	1	22.58	22.82	22.49	24.00
1.4	QPSK	3	3	22.53	22.83	22.54	24.00
1.4	QPSK	6	0	21.63	21.79	21.49	23.00
1.4	16QAM	1	0	21.63	21.92	21.68	23.00
1.4	16QAM	1	3	21.75	22.04	21.78	23.00
1.4	16QAM	1	5	21.66	21.95	21.59	23.00
1.4	16QAM	3	0	21.62	21.78	21.55	23.00
1.4	16QAM	3	1	21.48	21.79	21.50	23.00
1.4	16QAM	3	3	21.59	21.83	21.59	23.00
1.4	16QAM	6	0	20.50	20.82	20.58	22.00
1.4	64QAM	1	0	20.56	20.89	20.59	22.00
1.4	64QAM	1	3	20.61	20.91	20.71	22.00
1.4	64QAM	1	5	20.49	20.88	20.46	22.00
1.4	64QAM	3	0	20.68	20.86	20.52	22.00
1.4	64QAM	3	1	20.62	20.86	20.52	22.00
1.4	64QAM	3	3	20.54	20.81	20.60	22.00

1.4	64QAM	6	0	19.51	19.86	19.50	21.00
1.4	256QAM	1	0	17.63	17.84	17.53	19.00
1.4	256QAM	1	3	17.78	17.97	17.58	19.00
1.4	256QAM	1	5	17.41	17.75	17.50	19.00
1.4	256QAM	3	0	17.56	17.76	17.50	19.00
1.4	256QAM	3	1	17.64	17.76	17.55	19.00
1.4	256QAM	3	3	17.59	17.86	17.56	19.00
1.4	256QAM	6	0	17.60	17.77	17.51	19.00

【LTE Band 2_Ant 1_ECI 4-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	22.92	22.96	22.88	24.00
20	QPSK	1	49	22.86	22.88	22.68	24.00
20	QPSK	1	99	22.68	22.89	22.70	24.00
20	QPSK	50	0	21.83	21.94	21.83	23.00
20	QPSK	50	24	21.73	21.82	21.73	23.00
20	QPSK	50	50	21.82	21.89	21.68	23.00
20	QPSK	100	0	21.77	21.79	21.74	23.00
20	16QAM	1	0	21.68	21.90	21.63	23.00
20	16QAM	1	49	21.82	21.89	21.74	23.00
20	16QAM	1	99	21.84	21.88	21.66	23.00
20	16QAM	50	0	20.80	20.84	20.57	22.00
20	16QAM	50	24	20.77	20.90	20.69	22.00
20	16QAM	50	50	20.77	20.90	20.74	22.00
20	16QAM	100	0	20.78	20.96	20.75	22.00
20	64QAM	1	0	20.75	20.86	20.68	22.00
20	64QAM	1	49	20.76	20.85	20.72	22.00
20	64QAM	1	99	20.83	20.95	20.73	22.00
20	64QAM	50	0	19.84	19.90	19.86	21.00
20	64QAM	50	24	19.79	19.84	19.67	21.00
20	64QAM	50	50	19.75	19.93	19.83	21.00
20	64QAM	100	0	19.85	19.97	19.71	21.00
20	256QAM	1	0	17.69	17.76	17.55	19.00
20	256QAM	1	49	17.67	17.78	17.64	19.00
20	256QAM	1	99	17.60	17.69	17.49	19.00
20	256QAM	50	0	17.57	17.76	17.66	19.00
20	256QAM	50	24	17.71	17.83	17.71	19.00
20	256QAM	50	50	17.67	17.69	17.61	19.00
20	256QAM	100	0	17.62	17.70	17.60	19.00
Channel				18675	18900	19125	
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	22.78	22.87	22.74	24.00
15	QPSK	1	37	22.73	22.87	22.59	24.00
15	QPSK	1	74	22.58	22.77	22.65	24.00
15	QPSK	36	0	21.81	21.82	21.70	23.00
15	QPSK	36	20	21.65	21.81	21.65	23.00
15	QPSK	36	39	21.70	21.76	21.58	23.00
15	QPSK	75	0	21.70	21.72	21.67	23.00
15	16QAM	1	0	21.61	21.78	21.54	23.00
15	16QAM	1	37	21.80	21.81	21.66	23.00
15	16QAM	1	74	21.71	21.85	21.56	23.00
15	16QAM	36	0	20.72	20.79	20.42	22.00
15	16QAM	36	20	20.66	20.84	20.57	22.00
15	16QAM	36	39	20.69	20.80	20.62	22.00
15	16QAM	75	0	20.70	20.90	20.72	22.00
15	64QAM	1	0	20.71	20.72	20.55	22.00
15	64QAM	1	37	20.70	20.83	20.69	22.00
15	64QAM	1	74	20.76	20.91	20.60	22.00
15	64QAM	36	0	19.76	19.77	19.80	21.00
15	64QAM	36	20	19.73	19.78	19.53	21.00
15	64QAM	36	39	19.72	19.91	19.75	21.00
15	64QAM	75	0	19.71	19.90	19.65	21.00
15	256QAM	1	0	17.57	17.68	17.54	19.00
15	256QAM	1	37	17.64	17.70	17.57	19.00
15	256QAM	1	74	17.53	17.66	17.47	19.00
15	256QAM	36	0	17.49	17.68	17.59	19.00
15	256QAM	36	20	17.59	17.73	17.60	19.00
15	256QAM	36	39	17.56	17.54	17.50	19.00
15	256QAM	75	0	17.55	17.61	17.52	19.00

Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	22.84	22.92	22.81	24.00
10	QPSK	1	25	22.84	22.80	22.57	24.00
10	QPSK	1	49	22.64	22.79	22.64	24.00
10	QPSK	25	0	21.71	21.83	21.70	23.00
10	QPSK	25	12	21.72	21.77	21.70	23.00
10	QPSK	25	25	21.72	21.80	21.59	23.00
10	QPSK	50	0	21.74	21.68	21.61	23.00
10	16QAM	1	0	21.64	21.76	21.56	23.00
10	16QAM	1	25	21.75	21.85	21.63	23.00
10	16QAM	1	49	21.76	21.81	21.62	23.00
10	16QAM	25	0	20.72	20.78	20.50	22.00
10	16QAM	25	12	20.66	20.85	20.65	22.00
10	16QAM	25	25	20.69	20.80	20.59	22.00
10	16QAM	50	0	20.74	20.94	20.61	22.00
10	64QAM	1	0	20.66	20.81	20.61	22.00
10	64QAM	1	25	20.75	20.80	20.60	22.00
10	64QAM	1	49	20.70	20.87	20.70	22.00
10	64QAM	25	0	19.77	19.77	19.72	21.00
10	64QAM	25	12	19.73	19.81	19.57	21.00
10	64QAM	25	25	19.66	19.85	19.77	21.00
10	64QAM	50	0	19.75	19.84	19.57	21.00
10	256QAM	1	0	17.68	17.73	17.54	19.00
10	256QAM	1	25	17.64	17.71	17.60	19.00
10	256QAM	1	49	17.54	17.59	17.35	19.00
10	256QAM	25	0	17.49	17.68	17.58	19.00
10	256QAM	25	12	17.58	17.70	17.69	19.00
10	256QAM	25	25	17.55	17.57	17.56	19.00
10	256QAM	50	0	17.53	17.64	17.56	19.00
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	22.79	22.87	22.76	24.00
5	QPSK	1	12	22.76	22.82	22.53	24.00
5	QPSK	1	24	22.58	22.80	22.58	24.00
5	QPSK	12	0	21.78	21.83	21.77	23.00
5	QPSK	12	7	21.70	21.72	21.61	23.00
5	QPSK	12	13	21.74	21.81	21.54	23.00
5	QPSK	25	0	21.76	21.65	21.69	23.00
5	16QAM	1	0	21.60	21.79	21.50	23.00
5	16QAM	1	12	21.73	21.81	21.72	23.00
5	16QAM	1	24	21.82	21.78	21.53	23.00
5	16QAM	12	0	20.66	20.74	20.44	22.00
5	16QAM	12	7	20.67	20.85	20.65	22.00
5	16QAM	12	13	20.67	20.80	20.66	22.00
5	16QAM	25	0	20.77	20.94	20.71	22.00
5	64QAM	1	0	20.72	20.71	20.63	22.00
5	64QAM	1	12	20.61	20.79	20.64	22.00
5	64QAM	1	24	20.76	20.84	20.64	22.00
5	64QAM	12	0	19.78	19.87	19.76	21.00
5	64QAM	12	7	19.67	19.82	19.54	21.00
5	64QAM	12	13	19.62	19.81	19.76	21.00
5	64QAM	25	0	19.83	19.93	19.63	21.00
5	256QAM	1	0	17.58	17.72	17.45	19.00
5	256QAM	1	12	17.54	17.64	17.58	19.00
5	256QAM	1	24	17.54	17.55	17.45	19.00
5	256QAM	12	0	17.46	17.63	17.52	19.00
5	256QAM	12	7	17.67	17.72	17.64	19.00
5	256QAM	12	13	17.62	17.59	17.46	19.00
5	256QAM	25	0	17.48	17.57	17.50	19.00
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	22.89	22.90	22.82	24.00
3	QPSK	1	8	22.80	22.79	22.53	24.00
3	QPSK	1	14	22.58	22.88	22.63	24.00
3	QPSK	8	0	21.73	21.90	21.78	23.00
3	QPSK	8	4	21.60	21.81	21.66	23.00
3	QPSK	8	7	21.71	21.84	21.65	23.00
3	QPSK	15	0	21.73	21.70	21.70	23.00
3	16QAM	1	0	21.58	21.88	21.49	23.00
3	16QAM	1	8	21.78	21.82	21.67	23.00
3	16QAM	1	14	21.79	21.81	21.52	23.00
3	16QAM	8	0	20.66	20.79	20.43	22.00
3	16QAM	8	4	20.71	20.78	20.63	22.00
3	16QAM	8	7	20.67	20.79	20.67	22.00
3	16QAM	15	0	20.64	20.94	20.62	22.00
3	64QAM	1	0	20.61	20.71	20.64	22.00
3	64QAM	1	8	20.63	20.74	20.60	22.00

3	64QAM	1	14	20.77	20.93	20.63	22.00
3	64QAM	8	0	19.81	19.79	19.73	21.00
3	64QAM	8	4	19.69	19.70	19.60	21.00
3	64QAM	8	7	19.72	19.83	19.69	21.00
3	64QAM	15	0	19.82	19.88	19.62	21.00
3	256QAM	1	0	17.63	17.71	17.52	19.00
3	256QAM	1	8	17.63	17.70	17.58	19.00
3	256QAM	1	14	17.49	17.59	17.40	19.00
3	256QAM	8	0	17.55	17.71	17.62	19.00
3	256QAM	8	4	17.69	17.72	17.61	19.00
3	256QAM	8	7	17.64	17.55	17.60	19.00
3	256QAM	15	0	17.57	17.67	17.54	19.00
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	22.82	22.86	22.77	24.00
1.4	QPSK	1	3	22.77	22.81	22.60	24.00
1.4	QPSK	1	5	22.64	22.81	22.57	24.00
1.4	QPSK	3	0	22.72	22.92	22.81	24.00
1.4	QPSK	3	1	22.71	22.76	22.63	24.00
1.4	QPSK	3	3	22.73	22.84	22.62	24.00
1.4	QPSK	6	0	21.74	21.65	21.71	23.00
1.4	16QAM	1	0	21.66	21.87	21.56	23.00
1.4	16QAM	1	3	21.81	21.83	21.69	23.00
1.4	16QAM	1	5	21.75	21.86	21.52	23.00
1.4	16QAM	3	0	21.73	21.82	21.55	23.00
1.4	16QAM	3	1	21.73	21.79	21.61	23.00
1.4	16QAM	3	3	21.73	21.88	21.65	23.00
1.4	16QAM	6	0	20.67	20.94	20.65	22.00
1.4	64QAM	1	0	20.72	20.78	20.54	22.00
1.4	64QAM	1	3	20.74	20.70	20.58	22.00
1.4	64QAM	1	5	20.69	20.91	20.67	22.00
1.4	64QAM	3	0	20.71	20.89	20.78	22.00
1.4	64QAM	3	1	20.66	20.73	20.53	22.00
1.4	64QAM	3	3	20.66	20.78	20.81	22.00
1.4	64QAM	6	0	19.72	19.83	19.65	21.00
1.4	256QAM	1	0	17.61	17.69	17.52	19.00
1.4	256QAM	1	3	17.53	17.64	17.56	19.00
1.4	256QAM	1	5	17.52	17.61	17.41	19.00
1.4	256QAM	3	0	17.49	17.68	17.58	19.00
1.4	256QAM	3	1	17.63	17.69	17.70	19.00
1.4	256QAM	3	3	17.55	17.61	17.60	19.00
1.4	256QAM	6	0	17.58	17.69	17.46	19.00

【LTE Band 2_Ant 1_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	22.76	22.97	22.71	24.00
20	QPSK	1	49	22.72	22.96	22.56	24.00
20	QPSK	1	99	22.48	22.82	22.45	24.00
20	QPSK	50	0	21.70	21.95	21.64	23.00
20	QPSK	50	24	21.59	21.90	21.64	23.00
20	QPSK	50	50	21.64	21.94	21.66	23.00
20	QPSK	100	0	21.69	21.91	21.55	23.00
20	16QAM	1	0	21.76	22.05	21.79	23.00
20	16QAM	1	49	21.80	22.08	21.81	23.00
20	16QAM	1	99	21.76	22.10	21.71	23.00
20	16QAM	50	0	20.68	20.91	20.61	22.00
20	16QAM	50	24	20.57	20.90	20.54	22.00
20	16QAM	50	50	20.68	20.89	20.64	22.00
20	16QAM	100	0	20.62	20.90	20.64	22.00
20	64QAM	1	0	20.65	20.97	20.68	22.00
20	64QAM	1	49	20.73	21.04	20.79	22.00
20	64QAM	1	99	20.63	20.91	20.61	22.00
20	64QAM	50	0	19.69	19.88	19.63	21.00
20	64QAM	50	24	19.65	19.92	19.61	21.00
20	64QAM	50	50	19.60	19.91	19.67	21.00
20	64QAM	100	0	19.65	19.89	19.60	21.00
20	256QAM	1	0	17.68	17.94	17.62	19.00
20	256QAM	1	49	17.80	18.02	17.67	19.00
20	256QAM	1	99	17.52	17.82	17.59	19.00

20	256QAM	50	0	17.69	17.90	17.65	19.00
20	256QAM	50	24	17.66	17.88	17.59	19.00
20	256QAM	50	50	17.68	17.90	17.66	19.00
20	256QAM	100	0	17.68	17.87	17.63	19.00
Channel				18675	18900	19125	Tune-up limit
Frequency (MHz)				1857.5	1880	1902.5	(dBm)
15	QPSK	1	0	22.64	22.91	22.58	24.00
15	QPSK	1	37	22.57	22.91	22.44	24.00
15	QPSK	1	74	22.34	22.80	22.34	24.00
15	QPSK	36	0	21.65	21.86	21.54	23.00
15	QPSK	36	20	21.56	21.76	21.53	23.00
15	QPSK	36	39	21.51	21.80	21.53	23.00
15	QPSK	75	0	21.55	21.89	21.43	23.00
15	16QAM	1	0	21.62	22.02	21.66	23.00
15	16QAM	1	37	21.70	22.04	21.79	23.00
15	16QAM	1	74	21.75	21.95	21.62	23.00
15	16QAM	36	0	20.55	20.84	20.52	22.00
15	16QAM	36	20	20.44	20.75	20.49	22.00
15	16QAM	36	39	20.66	20.84	20.61	22.00
15	16QAM	75	0	20.47	20.86	20.55	22.00
15	64QAM	1	0	20.63	20.94	20.64	22.00
15	64QAM	1	37	20.60	20.89	20.73	22.00
15	64QAM	1	74	20.62	20.87	20.49	22.00
15	64QAM	36	0	19.59	19.80	19.54	21.00
15	64QAM	36	20	19.59	19.77	19.56	21.00
15	64QAM	36	39	19.52	19.86	19.64	21.00
15	64QAM	75	0	19.57	19.84	19.52	21.00
15	256QAM	1	0	17.66	17.85	17.49	19.00
15	256QAM	1	37	17.78	17.89	17.54	19.00
15	256QAM	1	74	17.47	17.73	17.53	19.00
15	256QAM	36	0	17.56	17.86	17.60	19.00
15	256QAM	36	20	17.53	17.81	17.57	19.00
15	256QAM	36	39	17.62	17.75	17.52	19.00
15	256QAM	75	0	17.56	17.76	17.51	19.00
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	22.75	22.85	22.68	24.00
10	QPSK	1	25	22.71	22.90	22.54	24.00
10	QPSK	1	49	22.34	22.81	22.31	24.00
10	QPSK	25	0	21.59	21.80	21.56	23.00
10	QPSK	25	12	21.47	21.81	21.60	23.00
10	QPSK	25	25	21.53	21.90	21.60	23.00
10	QPSK	50	0	21.67	21.85	21.45	23.00
10	16QAM	1	0	21.67	22.01	21.64	23.00
10	16QAM	1	25	21.74	22.02	21.72	23.00
10	16QAM	1	49	21.73	21.99	21.66	23.00
10	16QAM	25	0	20.57	20.87	20.53	22.00
10	16QAM	25	12	20.44	20.84	20.50	22.00
10	16QAM	25	25	20.57	20.75	20.55	22.00
10	16QAM	50	0	20.49	20.78	20.55	22.00
10	64QAM	1	0	20.61	20.90	20.66	22.00
10	64QAM	1	25	20.59	20.97	20.68	22.00
10	64QAM	1	49	20.54	20.88	20.47	22.00
10	64QAM	25	0	19.66	19.75	19.55	21.00
10	64QAM	25	12	19.62	19.81	19.60	21.00
10	64QAM	25	25	19.55	19.85	19.59	21.00
10	64QAM	50	0	19.62	19.75	19.54	21.00
10	256QAM	1	0	17.57	17.80	17.53	19.00
10	256QAM	1	25	17.77	17.97	17.59	19.00
10	256QAM	1	49	17.38	17.69	17.55	19.00
10	256QAM	25	0	17.63	17.85	17.56	19.00
10	256QAM	25	12	17.57	17.75	17.47	19.00
10	256QAM	25	25	17.58	17.78	17.51	19.00
10	256QAM	50	0	17.65	17.82	17.58	19.00
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	22.63	22.94	22.67	24.00
5	QPSK	1	12	22.65	22.82	22.51	24.00
5	QPSK	1	24	22.46	22.73	22.43	24.00
5	QPSK	12	0	21.63	21.86	21.52	23.00
5	QPSK	12	7	21.52	21.77	21.58	23.00
5	QPSK	12	13	21.60	21.87	21.63	23.00
5	QPSK	25	0	21.59	21.87	21.45	23.00
5	16QAM	1	0	21.71	22.01	21.71	23.00
5	16QAM	1	12	21.68	22.04	21.71	23.00
5	16QAM	1	24	21.65	21.96	21.65	23.00
5	16QAM	12	0	20.64	20.89	20.57	22.00
5	16QAM	12	7	20.47	20.78	20.46	22.00

5	16QAM	12	13	20.58	20.77	20.52	22.00
5	16QAM	25	0	20.54	20.89	20.51	22.00
5	64QAM	1	0	20.58	20.92	20.54	22.00
5	64QAM	1	12	20.67	20.97	20.75	22.00
5	64QAM	1	24	20.51	20.83	20.57	22.00
5	64QAM	12	0	19.67	19.81	19.51	21.00
5	64QAM	12	7	19.54	19.82	19.55	21.00
5	64QAM	12	13	19.51	19.87	19.58	21.00
5	64QAM	25	0	19.61	19.79	19.53	21.00
5	256QAM	1	0	17.58	17.84	17.55	19.00
5	256QAM	1	12	17.78	17.90	17.62	19.00
5	256QAM	1	24	17.47	17.76	17.51	19.00
5	256QAM	12	0	17.58	17.80	17.59	19.00
5	256QAM	12	7	17.56	17.75	17.54	19.00
5	256QAM	12	13	17.57	17.88	17.57	19.00
5	256QAM	25	0	17.57	17.86	17.57	19.00
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	22.71	22.87	22.63	24.00
3	QPSK	1	8	22.58	22.83	22.46	24.00
3	QPSK	1	14	22.37	22.80	22.37	24.00
3	QPSK	8	0	21.59	21.81	21.55	23.00
3	QPSK	8	4	21.57	21.84	21.56	23.00
3	QPSK	8	7	21.58	21.88	21.65	23.00
3	QPSK	15	0	21.63	21.82	21.44	23.00
3	16QAM	1	0	21.62	21.90	21.75	23.00
3	16QAM	1	8	21.68	22.04	21.74	23.00
3	16QAM	1	14	21.72	22.06	21.70	23.00
3	16QAM	8	0	20.63	20.78	20.49	22.00
3	16QAM	8	4	20.55	20.84	20.48	22.00
3	16QAM	8	7	20.59	20.86	20.59	22.00
3	16QAM	15	0	20.53	20.75	20.52	22.00
3	64QAM	1	0	20.53	20.93	20.60	22.00
3	64QAM	1	8	20.70	20.95	20.70	22.00
3	64QAM	1	14	20.56	20.81	20.57	22.00
3	64QAM	8	0	19.64	19.76	19.61	21.00
3	64QAM	8	4	19.61	19.77	19.58	21.00
3	64QAM	8	7	19.56	19.86	19.64	21.00
3	64QAM	15	0	19.59	19.82	19.55	21.00
3	256QAM	1	0	17.66	17.80	17.60	19.00
3	256QAM	1	8	17.71	17.93	17.64	19.00
3	256QAM	1	14	17.50	17.81	17.53	19.00
3	256QAM	8	0	17.57	17.83	17.60	19.00
3	256QAM	8	4	17.53	17.78	17.55	19.00
3	256QAM	8	7	17.56	17.80	17.57	19.00
3	256QAM	15	0	17.54	17.85	17.51	19.00
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	22.72	22.88	22.59	24.00
1.4	QPSK	1	3	22.65	22.87	22.47	24.00
1.4	QPSK	1	5	22.42	22.73	22.42	24.00
1.4	QPSK	3	0	22.69	22.90	22.59	24.00
1.4	QPSK	3	1	22.58	22.82	22.49	24.00
1.4	QPSK	3	3	22.53	22.83	22.54	24.00
1.4	QPSK	6	0	21.63	21.79	21.49	23.00
1.4	16QAM	1	0	21.63	21.92	21.68	23.00
1.4	16QAM	1	3	21.75	22.04	21.78	23.00
1.4	16QAM	1	5	21.66	21.95	21.59	23.00
1.4	16QAM	3	0	21.62	21.78	21.55	23.00
1.4	16QAM	3	1	21.48	21.79	21.50	23.00
1.4	16QAM	3	3	21.59	21.83	21.59	23.00
1.4	16QAM	6	0	20.50	20.82	20.58	22.00
1.4	64QAM	1	0	20.56	20.89	20.59	22.00
1.4	64QAM	1	3	20.61	20.91	20.71	22.00
1.4	64QAM	1	5	20.49	20.88	20.46	22.00
1.4	64QAM	3	0	20.68	20.86	20.52	22.00
1.4	64QAM	3	1	20.62	20.86	20.52	22.00
1.4	64QAM	3	3	20.54	20.81	20.60	22.00
1.4	64QAM	6	0	19.51	19.86	19.50	21.00
1.4	256QAM	1	0	17.63	17.84	17.53	19.00
1.4	256QAM	1	3	17.78	17.97	17.58	19.00
1.4	256QAM	1	5	17.41	17.75	17.50	19.00
1.4	256QAM	3	0	17.56	17.76	17.50	19.00
1.4	256QAM	3	1	17.64	17.76	17.55	19.00
1.4	256QAM	3	3	17.59	17.86	17.56	19.00
1.4	256QAM	6	0	17.60	17.77	17.51	19.00

【LTE Band 2_Ant 1_ECI 6-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	22.92	22.96	22.88	24.00
20	QPSK	1	49	22.86	22.88	22.68	24.00
20	QPSK	1	99	22.68	22.89	22.70	24.00
20	QPSK	50	0	21.83	21.94	21.83	23.00
20	QPSK	50	24	21.73	21.82	21.73	23.00
20	QPSK	50	50	21.82	21.89	21.68	23.00
20	QPSK	100	0	21.77	21.79	21.74	23.00
20	16QAM	1	0	21.68	21.90	21.63	23.00
20	16QAM	1	49	21.82	21.89	21.74	23.00
20	16QAM	1	99	21.84	21.88	21.66	23.00
20	16QAM	50	0	20.80	20.84	20.57	22.00
20	16QAM	50	24	20.77	20.90	20.69	22.00
20	16QAM	50	50	20.77	20.90	20.74	22.00
20	16QAM	100	0	20.78	20.96	20.75	22.00
20	64QAM	1	0	20.75	20.86	20.68	22.00
20	64QAM	1	49	20.76	20.85	20.72	22.00
20	64QAM	1	99	20.83	20.95	20.73	22.00
20	64QAM	50	0	19.84	19.90	19.86	21.00
20	64QAM	50	24	19.79	19.84	19.67	21.00
20	64QAM	50	50	19.75	19.93	19.83	21.00
20	64QAM	100	0	19.85	19.97	19.71	21.00
20	256QAM	1	0	17.69	17.76	17.55	19.00
20	256QAM	1	49	17.67	17.78	17.64	19.00
20	256QAM	1	99	17.60	17.69	17.49	19.00
20	256QAM	50	0	17.57	17.76	17.66	19.00
20	256QAM	50	24	17.71	17.83	17.71	19.00
20	256QAM	50	50	17.67	17.69	17.61	19.00
20	256QAM	100	0	17.62	17.70	17.60	19.00
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	22.78	22.87	22.74	24.00
15	QPSK	1	37	22.73	22.87	22.59	24.00
15	QPSK	1	74	22.58	22.77	22.65	24.00
15	QPSK	36	0	21.81	21.82	21.70	23.00
15	QPSK	36	20	21.65	21.81	21.65	23.00
15	QPSK	36	39	21.70	21.76	21.58	23.00
15	QPSK	75	0	21.70	21.72	21.67	23.00
15	16QAM	1	0	21.61	21.78	21.54	23.00
15	16QAM	1	37	21.80	21.81	21.66	23.00
15	16QAM	1	74	21.71	21.85	21.56	23.00
15	16QAM	36	0	20.72	20.79	20.42	22.00
15	16QAM	36	20	20.66	20.84	20.57	22.00
15	16QAM	36	39	20.69	20.80	20.62	22.00
15	16QAM	75	0	20.70	20.90	20.72	22.00
15	64QAM	1	0	20.71	20.72	20.55	22.00
15	64QAM	1	37	20.70	20.83	20.69	22.00
15	64QAM	1	74	20.76	20.91	20.60	22.00
15	64QAM	36	0	19.76	19.77	19.80	21.00
15	64QAM	36	20	19.73	19.78	19.53	21.00
15	64QAM	36	39	19.72	19.91	19.75	21.00
15	64QAM	75	0	19.71	19.90	19.65	21.00
15	256QAM	1	0	17.57	17.68	17.54	19.00
15	256QAM	1	37	17.64	17.70	17.57	19.00
15	256QAM	1	74	17.53	17.66	17.47	19.00
15	256QAM	36	0	17.49	17.68	17.59	19.00
15	256QAM	36	20	17.59	17.73	17.60	19.00
15	256QAM	36	39	17.56	17.54	17.50	19.00
15	256QAM	75	0	17.55	17.61	17.52	19.00
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	22.84	22.92	22.81	24.00
10	QPSK	1	25	22.84	22.80	22.57	24.00
10	QPSK	1	49	22.64	22.79	22.64	24.00
10	QPSK	25	0	21.71	21.83	21.70	23.00
10	QPSK	25	12	21.72	21.77	21.70	23.00
10	QPSK	25	25	21.72	21.80	21.59	23.00
10	QPSK	50	0	21.74	21.68	21.61	23.00
10	16QAM	1	0	21.64	21.76	21.56	23.00

10	16QAM	1	25	21.75	21.85	21.63	23.00
10	16QAM	1	49	21.76	21.81	21.62	23.00
10	16QAM	25	0	20.72	20.78	20.50	22.00
10	16QAM	25	12	20.66	20.85	20.65	22.00
10	16QAM	25	25	20.69	20.80	20.59	22.00
10	16QAM	50	0	20.74	20.94	20.61	22.00
10	64QAM	1	0	20.66	20.81	20.61	22.00
10	64QAM	1	25	20.75	20.80	20.60	22.00
10	64QAM	1	49	20.70	20.87	20.70	22.00
10	64QAM	25	0	19.77	19.77	19.72	21.00
10	64QAM	25	12	19.73	19.81	19.57	21.00
10	64QAM	25	25	19.66	19.85	19.77	21.00
10	64QAM	50	0	19.75	19.84	19.57	21.00
10	256QAM	1	0	17.68	17.73	17.54	19.00
10	256QAM	1	25	17.64	17.71	17.60	19.00
10	256QAM	1	49	17.54	17.59	17.35	19.00
10	256QAM	25	0	17.49	17.68	17.58	19.00
10	256QAM	25	12	17.58	17.70	17.69	19.00
10	256QAM	25	25	17.55	17.57	17.56	19.00
10	256QAM	50	0	17.53	17.64	17.56	19.00
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	22.79	22.87	22.76	24.00
5	QPSK	1	12	22.76	22.82	22.53	24.00
5	QPSK	1	24	22.58	22.80	22.58	24.00
5	QPSK	12	0	21.78	21.83	21.77	23.00
5	QPSK	12	7	21.70	21.72	21.61	23.00
5	QPSK	12	13	21.74	21.81	21.54	23.00
5	QPSK	25	0	21.76	21.65	21.69	23.00
5	16QAM	1	0	21.60	21.79	21.50	23.00
5	16QAM	1	12	21.73	21.81	21.72	23.00
5	16QAM	1	24	21.82	21.78	21.53	23.00
5	16QAM	12	0	20.66	20.74	20.44	22.00
5	16QAM	12	7	20.67	20.85	20.65	22.00
5	16QAM	12	13	20.67	20.80	20.66	22.00
5	16QAM	25	0	20.77	20.94	20.71	22.00
5	64QAM	1	0	20.72	20.71	20.63	22.00
5	64QAM	1	12	20.61	20.79	20.64	22.00
5	64QAM	1	24	20.76	20.84	20.64	22.00
5	64QAM	12	0	19.78	19.87	19.76	21.00
5	64QAM	12	7	19.67	19.82	19.54	21.00
5	64QAM	12	13	19.62	19.81	19.76	21.00
5	64QAM	25	0	19.83	19.93	19.63	21.00
5	256QAM	1	0	17.58	17.72	17.45	19.00
5	256QAM	1	12	17.54	17.64	17.58	19.00
5	256QAM	1	24	17.54	17.55	17.45	19.00
5	256QAM	12	0	17.46	17.63	17.52	19.00
5	256QAM	12	7	17.67	17.72	17.64	19.00
5	256QAM	12	13	17.62	17.59	17.46	19.00
5	256QAM	25	0	17.48	17.57	17.50	19.00
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	22.89	22.90	22.82	24.00
3	QPSK	1	8	22.80	22.79	22.53	24.00
3	QPSK	1	14	22.58	22.88	22.63	24.00
3	QPSK	8	0	21.73	21.90	21.78	23.00
3	QPSK	8	4	21.60	21.81	21.66	23.00
3	QPSK	8	7	21.71	21.84	21.65	23.00
3	QPSK	15	0	21.73	21.70	21.70	23.00
3	16QAM	1	0	21.58	21.88	21.49	23.00
3	16QAM	1	8	21.78	21.82	21.67	23.00
3	16QAM	1	14	21.79	21.81	21.52	23.00
3	16QAM	8	0	20.66	20.79	20.43	22.00
3	16QAM	8	4	20.71	20.78	20.63	22.00
3	16QAM	8	7	20.67	20.79	20.67	22.00
3	16QAM	15	0	20.64	20.94	20.62	22.00
3	64QAM	1	0	20.61	20.71	20.64	22.00
3	64QAM	1	8	20.63	20.74	20.60	22.00
3	64QAM	1	14	20.77	20.93	20.63	22.00
3	64QAM	8	0	19.81	19.79	19.73	21.00
3	64QAM	8	4	19.69	19.70	19.60	21.00
3	64QAM	8	7	19.72	19.83	19.69	21.00
3	64QAM	15	0	19.82	19.88	19.62	21.00
3	256QAM	1	0	17.63	17.71	17.52	19.00
3	256QAM	1	8	17.63	17.70	17.58	19.00
3	256QAM	1	14	17.49	17.59	17.40	19.00
3	256QAM	8	0	17.55	17.71	17.62	19.00
3	256QAM	8	4	17.69	17.72	17.61	19.00

3	256QAM	8	7	17.64	17.55	17.60	19.00
3	256QAM	15	0	17.57	17.67	17.54	19.00
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	22.82	22.86	22.77	24.00
1.4	QPSK	1	3	22.77	22.81	22.60	24.00
1.4	QPSK	1	5	22.64	22.81	22.57	24.00
1.4	QPSK	3	0	22.72	22.92	22.81	24.00
1.4	QPSK	3	1	22.71	22.76	22.63	24.00
1.4	QPSK	3	3	22.73	22.84	22.62	24.00
1.4	QPSK	6	0	21.74	21.65	21.71	23.00
1.4	16QAM	1	0	21.66	21.87	21.56	23.00
1.4	16QAM	1	3	21.81	21.83	21.69	23.00
1.4	16QAM	1	5	21.75	21.86	21.52	23.00
1.4	16QAM	3	0	21.73	21.82	21.55	23.00
1.4	16QAM	3	1	21.73	21.79	21.61	23.00
1.4	16QAM	3	3	21.73	21.88	21.65	23.00
1.4	16QAM	6	0	20.67	20.94	20.65	22.00
1.4	64QAM	1	0	20.72	20.78	20.54	22.00
1.4	64QAM	1	3	20.74	20.70	20.58	22.00
1.4	64QAM	1	5	20.69	20.91	20.67	22.00
1.4	64QAM	3	0	20.71	20.89	20.78	22.00
1.4	64QAM	3	1	20.66	20.73	20.53	22.00
1.4	64QAM	3	3	20.66	20.78	20.81	22.00
1.4	64QAM	6	0	19.72	19.83	19.65	21.00
1.4	256QAM	1	0	17.61	17.69	17.52	19.00
1.4	256QAM	1	3	17.53	17.64	17.56	19.00
1.4	256QAM	1	5	17.52	17.61	17.41	19.00
1.4	256QAM	3	0	17.49	17.68	17.58	19.00
1.4	256QAM	3	1	17.63	17.69	17.70	19.00
1.4	256QAM	3	3	17.55	17.61	17.60	19.00
1.4	256QAM	6	0	17.58	17.69	17.46	19.00

【LTE Band 2_Ant 1_ECI 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	19.63	19.79	19.67	20.60
20	QPSK	1	49	19.55	19.72	19.56	20.60
20	QPSK	1	99	19.56	19.68	19.50	20.60
20	QPSK	50	0	19.55	19.73	19.54	20.60
20	QPSK	50	24	19.51	19.70	19.54	20.60
20	QPSK	50	50	19.59	19.72	19.52	20.60
20	QPSK	100	0	19.52	19.64	19.49	20.60
20	16QAM	1	0	19.51	19.69	19.51	20.60
20	16QAM	1	49	19.54	19.65	19.55	20.60
20	16QAM	1	99	19.50	19.71	19.49	20.60
20	16QAM	50	0	19.57	19.71	19.55	20.60
20	16QAM	50	24	19.58	19.68	19.54	20.60
20	16QAM	50	50	19.54	19.69	19.51	20.60
20	16QAM	100	0	19.60	19.72	19.52	20.60
20	64QAM	1	0	19.60	19.67	19.52	20.60
20	64QAM	1	49	19.57	19.65	19.53	20.60
20	64QAM	1	99	19.57	19.68	19.48	20.60
20	64QAM	50	0	19.59	19.72	19.57	20.60
20	64QAM	50	24	19.54	19.71	19.56	20.60
20	64QAM	50	50	19.60	19.64	19.48	20.60
20	64QAM	100	0	19.52	19.66	19.53	20.60
20	256QAM	1	0	17.68	17.94	17.62	18.60
20	256QAM	1	49	17.80	18.02	17.67	18.60
20	256QAM	1	99	17.52	17.82	17.59	18.60
20	256QAM	50	0	17.69	17.90	17.65	18.60
20	256QAM	50	24	17.66	17.88	17.59	18.60
20	256QAM	50	50	17.68	17.90	17.66	18.60
20	256QAM	100	0	17.68	17.87	17.63	18.60
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	19.60	19.72	19.54	20.60
15	QPSK	1	37	19.52	19.60	19.41	20.60
15	QPSK	1	74	19.42	19.67	19.38	20.60
15	QPSK	36	0	19.50	19.68	19.47	20.60

15	QPSK	36	20	19.40	19.60	19.51	20.60
15	QPSK	36	39	19.57	19.68	19.45	20.60
15	QPSK	75	0	19.39	19.52	19.42	20.60
15	16QAM	1	0	19.39	19.65	19.47	20.60
15	16QAM	1	37	19.46	19.58	19.42	20.60
15	16QAM	1	74	19.40	19.59	19.44	20.60
15	16QAM	36	0	19.47	19.59	19.44	20.60
15	16QAM	36	20	19.57	19.62	19.51	20.60
15	16QAM	36	39	19.46	19.66	19.39	20.60
15	16QAM	75	0	19.49	19.71	19.42	20.60
15	64QAM	1	0	19.52	19.58	19.46	20.60
15	64QAM	1	37	19.48	19.64	19.49	20.60
15	64QAM	1	74	19.48	19.55	19.46	20.60
15	64QAM	36	0	19.54	19.63	19.45	20.60
15	64QAM	36	20	19.52	19.62	19.43	20.60
15	64QAM	36	39	19.48	19.59	19.41	20.60
15	64QAM	75	0	19.45	19.52	19.39	20.60
15	256QAM	1	0	17.65	17.92	17.48	18.60
15	256QAM	1	37	17.77	17.98	17.57	18.60
15	256QAM	1	74	17.42	17.76	17.48	18.60
15	256QAM	36	0	17.64	17.79	17.55	18.60
15	256QAM	36	20	17.59	17.79	17.53	18.60
15	256QAM	36	39	17.64	17.83	17.52	18.60
15	256QAM	75	0	17.58	17.82	17.48	18.60
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	19.55	19.76	19.66	20.60
10	QPSK	1	25	19.43	19.60	19.47	20.60
10	QPSK	1	49	19.49	19.66	19.41	20.60
10	QPSK	25	0	19.51	19.60	19.51	20.60
10	QPSK	25	12	19.43	19.67	19.51	20.60
10	QPSK	25	25	19.54	19.62	19.48	20.60
10	QPSK	50	0	19.38	19.55	19.42	20.60
10	16QAM	1	0	19.42	19.59	19.46	20.60
10	16QAM	1	25	19.52	19.53	19.51	20.60
10	16QAM	1	49	19.42	19.57	19.35	20.60
10	16QAM	25	0	19.48	19.65	19.51	20.60
10	16QAM	25	12	19.53	19.60	19.45	20.60
10	16QAM	25	25	19.43	19.67	19.43	20.60
10	16QAM	50	0	19.51	19.60	19.42	20.60
10	64QAM	1	0	19.45	19.65	19.47	20.60
10	64QAM	1	25	19.54	19.61	19.49	20.60
10	64QAM	1	49	19.42	19.54	19.44	20.60
10	64QAM	25	0	19.55	19.66	19.53	20.60
10	64QAM	25	12	19.46	19.57	19.54	20.60
10	64QAM	25	25	19.53	19.57	19.34	20.60
10	64QAM	50	0	19.46	19.57	19.46	20.60
10	256QAM	1	0	17.62	17.81	17.54	18.60
10	256QAM	1	25	17.78	17.87	17.53	18.60
10	256QAM	1	49	17.49	17.79	17.51	18.60
10	256QAM	25	0	17.63	17.84	17.57	18.60
10	256QAM	25	12	17.57	17.86	17.46	18.60
10	256QAM	25	25	17.63	17.84	17.53	18.60
10	256QAM	50	0	17.65	17.79	17.55	18.60
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	19.52	19.65	19.63	20.60
5	QPSK	1	12	19.53	19.59	19.53	20.60
5	QPSK	1	24	19.54	19.67	19.48	20.60
5	QPSK	12	0	19.47	19.64	19.47	20.60
5	QPSK	12	7	19.50	19.64	19.39	20.60
5	QPSK	12	13	19.56	19.57	19.49	20.60
5	QPSK	25	0	19.38	19.56	19.47	20.60
5	16QAM	1	0	19.44	19.62	19.42	20.60
5	16QAM	1	12	19.51	19.61	19.43	20.60
5	16QAM	1	24	19.37	19.70	19.36	20.60
5	16QAM	12	0	19.52	19.65	19.43	20.60
5	16QAM	12	7	19.44	19.60	19.53	20.60
5	16QAM	12	13	19.45	19.65	19.37	20.60
5	16QAM	25	0	19.49	19.66	19.42	20.60
5	64QAM	1	0	19.48	19.56	19.46	20.60
5	64QAM	1	12	19.54	19.59	19.50	20.60
5	64QAM	1	24	19.54	19.57	19.38	20.60
5	64QAM	12	0	19.54	19.63	19.45	20.60
5	64QAM	12	7	19.51	19.60	19.48	20.60
5	64QAM	12	13	19.56	19.56	19.44	20.60
5	64QAM	25	0	19.48	19.53	19.47	20.60
5	256QAM	1	0	17.62	17.86	17.54	18.60

5	256QAM	1	12	17.79	17.94	17.56	18.60
5	256QAM	1	24	17.47	17.67	17.47	18.60
5	256QAM	12	0	17.59	17.81	17.59	18.60
5	256QAM	12	7	17.61	17.77	17.45	18.60
5	256QAM	12	13	17.55	17.86	17.56	18.60
5	256QAM	25	0	17.62	17.85	17.61	18.60
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	19.55	19.67	19.61	20.60
3	QPSK	1	8	19.42	19.61	19.49	20.60
3	QPSK	1	14	19.50	19.66	19.47	20.60
3	QPSK	8	0	19.54	19.64	19.47	20.60
3	QPSK	8	4	19.42	19.65	19.49	20.60
3	QPSK	8	7	19.53	19.60	19.39	20.60
3	QPSK	15	0	19.40	19.56	19.43	20.60
3	16QAM	1	0	19.40	19.63	19.38	20.60
3	16QAM	1	8	19.41	19.62	19.48	20.60
3	16QAM	1	14	19.38	19.56	19.40	20.60
3	16QAM	8	0	19.53	19.63	19.41	20.60
3	16QAM	8	4	19.43	19.56	19.41	20.60
3	16QAM	8	7	19.43	19.64	19.47	20.60
3	16QAM	15	0	19.48	19.65	19.50	20.60
3	64QAM	1	0	19.50	19.55	19.38	20.60
3	64QAM	1	8	19.46	19.56	19.44	20.60
3	64QAM	1	14	19.44	19.65	19.40	20.60
3	64QAM	8	0	19.56	19.62	19.44	20.60
3	64QAM	8	4	19.42	19.58	19.47	20.60
3	64QAM	8	7	19.51	19.52	19.34	20.60
3	64QAM	15	0	19.48	19.56	19.51	20.60
3	256QAM	1	0	17.63	17.83	17.50	18.60
3	256QAM	1	8	17.74	17.99	17.58	18.60
3	256QAM	1	14	17.39	17.79	17.50	18.60
3	256QAM	8	0	17.63	17.83	17.56	18.60
3	256QAM	8	4	17.57	17.84	17.45	18.60
3	256QAM	8	7	17.55	17.83	17.55	18.60
3	256QAM	15	0	17.62	17.80	17.57	18.60
Channel				18607	18900	19193	Tune-up limit
Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	19.61	19.70	19.56	20.60
1.4	QPSK	1	3	19.45	19.70	19.46	20.60
1.4	QPSK	1	5	19.51	19.56	19.35	20.60
1.4	QPSK	3	0	19.47	19.70	19.41	20.60
1.4	QPSK	3	1	19.36	19.59	19.41	20.60
1.4	QPSK	3	3	19.46	19.63	19.38	20.60
1.4	QPSK	6	0	19.37	19.49	19.48	20.60
1.4	16QAM	1	0	19.49	19.56	19.36	20.60
1.4	16QAM	1	3	19.47	19.64	19.48	20.60
1.4	16QAM	1	5	19.36	19.57	19.43	20.60
1.4	16QAM	3	0	19.51	19.62	19.48	20.60
1.4	16QAM	3	1	19.45	19.58	19.51	20.60
1.4	16QAM	3	3	19.43	19.61	19.40	20.60
1.4	16QAM	6	0	19.46	19.68	19.39	20.60
1.4	64QAM	1	0	19.55	19.54	19.38	20.60
1.4	64QAM	1	3	19.53	19.57	19.39	20.60
1.4	64QAM	1	5	19.46	19.55	19.35	20.60
1.4	64QAM	3	0	19.56	19.66	19.56	20.60
1.4	64QAM	3	1	19.43	19.67	19.54	20.60
1.4	64QAM	3	3	19.58	19.50	19.47	20.60
1.4	64QAM	6	0	19.38	19.61	19.39	20.60
1.4	256QAM	1	0	17.55	17.86	17.57	18.60
1.4	256QAM	1	3	17.69	17.97	17.65	18.60
1.4	256QAM	1	5	17.47	17.68	17.46	18.60
1.4	256QAM	3	0	17.57	17.87	17.62	18.60
1.4	256QAM	3	1	17.63	17.84	17.57	18.60
1.4	256QAM	3	3	17.54	17.83	17.61	18.60
1.4	256QAM	6	0	17.61	17.77	17.61	18.60

【LTE Band 2_Ant 1_ECI 7-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	

20	QPSK	1	0	19.69	19.77	19.58	20.60
20	QPSK	1	49	19.52	19.68	19.48	20.60
20	QPSK	1	99	19.54	19.68	19.53	20.60
20	QPSK	50	0	19.62	19.73	19.56	20.60
20	QPSK	50	24	19.59	19.72	19.49	20.60
20	QPSK	50	50	19.58	19.65	19.55	20.60
20	QPSK	100	0	19.60	19.69	19.54	20.60
20	16QAM	1	0	19.56	19.64	19.49	20.60
20	16QAM	1	49	19.53	19.66	19.48	20.60
20	16QAM	1	99	19.52	19.72	19.50	20.60
20	16QAM	50	0	19.56	19.64	19.50	20.60
20	16QAM	50	24	19.52	19.65	19.52	20.60
20	16QAM	50	50	19.56	19.73	19.55	20.60
20	16QAM	100	0	19.57	19.65	19.51	20.60
20	64QAM	1	0	19.56	19.70	19.53	20.60
20	64QAM	1	49	19.58	19.69	19.56	20.60
20	64QAM	1	99	19.53	19.73	19.52	20.60
20	64QAM	50	0	19.53	19.65	19.52	20.60
20	64QAM	50	24	19.57	19.69	19.56	20.60
20	64QAM	50	50	19.51	19.68	19.48	20.60
20	64QAM	100	0	19.59	19.69	19.55	20.60
20	256QAM	1	0	17.69	17.76	17.55	18.60
20	256QAM	1	49	17.67	17.78	17.64	18.60
20	256QAM	1	99	17.60	17.69	17.49	18.60
20	256QAM	50	0	17.57	17.76	17.66	18.60
20	256QAM	50	24	17.71	17.83	17.71	18.60
20	256QAM	50	50	17.67	17.69	17.61	18.60
20	256QAM	100	0	17.62	17.70	17.60	18.60
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	19.57	19.72	19.52	20.60
15	QPSK	1	37	19.39	19.55	19.38	20.60
15	QPSK	1	74	19.50	19.55	19.42	20.60
15	QPSK	36	0	19.59	19.70	19.45	20.60
15	QPSK	36	20	19.53	19.68	19.43	20.60
15	QPSK	36	39	19.50	19.54	19.49	20.60
15	QPSK	75	0	19.53	19.62	19.41	20.60
15	16QAM	1	0	19.54	19.58	19.40	20.60
15	16QAM	1	37	19.42	19.59	19.34	20.60
15	16QAM	1	74	19.39	19.63	19.43	20.60
15	16QAM	36	0	19.44	19.60	19.44	20.60
15	16QAM	36	20	19.39	19.53	19.47	20.60
15	16QAM	36	39	19.44	19.60	19.44	20.60
15	16QAM	75	0	19.49	19.53	19.40	20.60
15	64QAM	1	0	19.41	19.61	19.43	20.60
15	64QAM	1	37	19.48	19.57	19.41	20.60
15	64QAM	1	74	19.42	19.68	19.41	20.60
15	64QAM	36	0	19.41	19.61	19.50	20.60
15	64QAM	36	20	19.54	19.67	19.49	20.60
15	64QAM	36	39	19.42	19.53	19.36	20.60
15	64QAM	75	0	19.49	19.62	19.44	20.60
15	256QAM	1	0	17.66	17.64	17.53	18.60
15	256QAM	1	37	17.53	17.73	17.56	18.60
15	256QAM	1	74	17.55	17.65	17.47	18.60
15	256QAM	36	0	17.54	17.66	17.55	18.60
15	256QAM	36	20	17.69	17.81	17.63	18.60
15	256QAM	36	39	17.54	17.56	17.53	18.60
15	256QAM	75	0	17.56	17.59	17.56	18.60
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	19.65	19.68	19.50	20.60
10	QPSK	1	25	19.40	19.56	19.45	20.60
10	QPSK	1	49	19.50	19.54	19.42	20.60
10	QPSK	25	0	19.56	19.69	19.49	20.60
10	QPSK	25	12	19.51	19.58	19.45	20.60
10	QPSK	25	25	19.45	19.58	19.42	20.60
10	QPSK	50	0	19.50	19.56	19.42	20.60
10	16QAM	1	0	19.41	19.55	19.38	20.60
10	16QAM	1	25	19.45	19.56	19.39	20.60
10	16QAM	1	49	19.44	19.66	19.37	20.60
10	16QAM	25	0	19.51	19.58	19.36	20.60
10	16QAM	25	12	19.37	19.50	19.48	20.60
10	16QAM	25	25	19.47	19.66	19.40	20.60
10	16QAM	50	0	19.54	19.56	19.49	20.60
10	64QAM	1	0	19.49	19.65	19.41	20.60
10	64QAM	1	25	19.43	19.58	19.45	20.60
10	64QAM	1	49	19.43	19.63	19.42	20.60
10	64QAM	25	0	19.49	19.57	19.42	20.60

10	64QAM	25	12	19.55	19.56	19.52	20.60
10	64QAM	25	25	19.44	19.59	19.33	20.60
10	64QAM	50	0	19.45	19.54	19.49	20.60
10	256QAM	1	0	17.55	17.65	17.49	18.60
10	256QAM	1	25	17.54	17.70	17.54	18.60
10	256QAM	1	49	17.52	17.55	17.48	18.60
10	256QAM	25	0	17.52	17.74	17.62	18.60
10	256QAM	25	12	17.63	17.70	17.61	18.60
10	256QAM	25	25	17.58	17.67	17.54	18.60
10	256QAM	50	0	17.48	17.58	17.56	18.60
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	19.68	19.75	19.56	20.60
5	QPSK	1	12	19.37	19.64	19.42	20.60
5	QPSK	1	24	19.49	19.56	19.45	20.60
5	QPSK	12	0	19.58	19.59	19.46	20.60
5	QPSK	12	7	19.54	19.70	19.35	20.60
5	QPSK	12	13	19.55	19.57	19.50	20.60
5	QPSK	25	0	19.55	19.55	19.50	20.60
5	16QAM	1	0	19.52	19.50	19.36	20.60
5	16QAM	1	12	19.43	19.60	19.45	20.60
5	16QAM	1	24	19.47	19.65	19.45	20.60
5	16QAM	12	0	19.48	19.55	19.40	20.60
5	16QAM	12	7	19.47	19.53	19.42	20.60
5	16QAM	12	13	19.46	19.69	19.42	20.60
5	16QAM	25	0	19.50	19.53	19.41	20.60
5	64QAM	1	0	19.54	19.55	19.43	20.60
5	64QAM	1	12	19.54	19.65	19.49	20.60
5	64QAM	1	24	19.50	19.67	19.44	20.60
5	64QAM	12	0	19.39	19.61	19.47	20.60
5	64QAM	12	7	19.52	19.63	19.51	20.60
5	64QAM	12	13	19.46	19.60	19.45	20.60
5	64QAM	25	0	19.57	19.59	19.47	20.60
5	256QAM	1	0	17.67	17.69	17.43	18.60
5	256QAM	1	12	17.59	17.64	17.62	18.60
5	256QAM	1	24	17.59	17.64	17.48	18.60
5	256QAM	12	0	17.47	17.66	17.53	18.60
5	256QAM	12	7	17.62	17.69	17.67	18.60
5	256QAM	12	13	17.65	17.56	17.55	18.60
5	256QAM	25	0	17.58	17.61	17.55	18.60
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	19.56	19.65	19.56	20.60
3	QPSK	1	8	19.42	19.61	19.42	20.60
3	QPSK	1	14	19.48	19.56	19.47	20.60
3	QPSK	8	0	19.59	19.72	19.49	20.60
3	QPSK	8	4	19.47	19.60	19.36	20.60
3	QPSK	8	7	19.45	19.58	19.52	20.60
3	QPSK	15	0	19.48	19.64	19.46	20.60
3	16QAM	1	0	19.42	19.61	19.41	20.60
3	16QAM	1	8	19.39	19.59	19.44	20.60
3	16QAM	1	14	19.44	19.62	19.38	20.60
3	16QAM	8	0	19.48	19.60	19.49	20.60
3	16QAM	8	4	19.49	19.58	19.46	20.60
3	16QAM	8	7	19.47	19.67	19.41	20.60
3	16QAM	15	0	19.50	19.62	19.45	20.60
3	64QAM	1	0	19.52	19.65	19.38	20.60
3	64QAM	1	8	19.56	19.55	19.52	20.60
3	64QAM	1	14	19.49	19.66	19.40	20.60
3	64QAM	8	0	19.42	19.64	19.45	20.60
3	64QAM	8	4	19.43	19.58	19.44	20.60
3	64QAM	8	7	19.39	19.60	19.36	20.60
3	64QAM	15	0	19.51	19.67	19.50	20.60
3	256QAM	1	0	17.57	17.66	17.50	18.60
3	256QAM	1	8	17.59	17.64	17.61	18.60
3	256QAM	1	14	17.47	17.59	17.37	18.60
3	256QAM	8	0	17.53	17.69	17.52	18.60
3	256QAM	8	4	17.63	17.75	17.69	18.60
3	256QAM	8	7	17.59	17.68	17.51	18.60
3	256QAM	15	0	17.52	17.59	17.49	18.60
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	19.66	19.69	19.49	20.60
1.4	QPSK	1	3	19.37	19.63	19.34	20.60
1.4	QPSK	1	5	19.50	19.54	19.47	20.60
1.4	QPSK	3	0	19.60	19.71	19.53	20.60
1.4	QPSK	3	1	19.48	19.69	19.42	20.60
1.4	QPSK	3	3	19.51	19.62	19.48	20.60

1.4	QPSK	6	0	19.59	19.58	19.41	20.60
1.4	16QAM	1	0	19.46	19.56	19.42	20.60
1.4	16QAM	1	3	19.38	19.63	19.46	20.60
1.4	16QAM	1	5	19.41	19.64	19.37	20.60
1.4	16QAM	3	0	19.54	19.59	19.48	20.60
1.4	16QAM	3	1	19.47	19.59	19.50	20.60
1.4	16QAM	3	3	19.42	19.71	19.42	20.60
1.4	16QAM	6	0	19.47	19.52	19.42	20.60
1.4	64QAM	1	0	19.50	19.61	19.50	20.60
1.4	64QAM	1	3	19.49	19.61	19.48	20.60
1.4	64QAM	1	5	19.48	19.69	19.38	20.60
1.4	64QAM	3	0	19.47	19.54	19.44	20.60
1.4	64QAM	3	1	19.54	19.58	19.49	20.60
1.4	64QAM	3	3	19.45	19.57	19.35	20.60
1.4	64QAM	6	0	19.51	19.58	19.46	20.60
1.4	256QAM	1	0	17.64	17.72	17.42	18.60
1.4	256QAM	1	3	17.55	17.70	17.51	18.60
1.4	256QAM	1	5	17.55	17.68	17.46	18.60
1.4	256QAM	3	0	17.53	17.67	17.61	18.60
1.4	256QAM	3	1	17.67	17.77	17.59	18.60
1.4	256QAM	3	3	17.52	17.55	17.48	18.60
1.4	256QAM	6	0	17.60	17.63	17.52	18.60

【LTE Band 2_Ant 4_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	23.15	23.19	23.10	24.00
20	QPSK	1	49	22.93	23.11	22.97	24.00
20	QPSK	1	99	23.05	23.17	23.05	24.00
20	QPSK	50	0	22.02	22.09	21.99	23.00
20	QPSK	50	24	21.87	22.06	21.83	23.00
20	QPSK	50	50	21.92	22.04	21.92	23.00
20	QPSK	100	0	21.91	22.05	21.85	23.00
20	16QAM	1	0	22.12	22.29	22.07	23.00
20	16QAM	1	49	22.10	22.22	22.09	23.00
20	16QAM	1	99	22.10	22.25	22.04	23.00
20	16QAM	50	0	20.97	21.03	20.92	22.00
20	16QAM	50	24	21.00	21.05	20.95	22.00
20	16QAM	50	50	20.91	21.04	20.85	22.00
20	16QAM	100	0	20.98	21.03	20.86	22.00
20	64QAM	1	0	21.04	21.09	20.89	22.00
20	64QAM	1	49	21.03	21.15	20.96	22.00
20	64QAM	1	99	21.00	21.17	20.95	22.00
20	64QAM	50	0	19.88	20.03	19.84	21.00
20	64QAM	50	24	19.92	20.04	19.94	21.00
20	64QAM	50	50	19.88	20.06	19.83	21.00
20	64QAM	100	0	19.97	20.03	19.89	21.00
20	256QAM	1	0	18.05	18.14	18.03	19.00
20	256QAM	1	49	17.98	18.15	17.97	19.00
20	256QAM	1	99	17.97	18.11	17.94	19.00
20	256QAM	50	0	17.95	18.02	17.80	19.00
20	256QAM	50	24	17.97	18.03	17.87	19.00
20	256QAM	50	50	17.94	18.04	17.88	19.00
20	256QAM	100	0	17.99	18.03	17.94	19.00
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	23.04	23.15	23.00	24.00
15	QPSK	1	37	22.81	22.97	22.84	24.00
15	QPSK	1	74	22.97	23.11	23.02	24.00
15	QPSK	36	0	21.96	22.06	21.89	23.00
15	QPSK	36	20	21.82	22.02	21.69	23.00
15	QPSK	36	39	21.88	22.02	21.78	23.00
15	QPSK	75	0	21.85	21.96	21.73	23.00
15	16QAM	1	0	22.06	22.17	21.94	23.00
15	16QAM	1	37	21.95	22.09	22.04	23.00
15	16QAM	1	74	22.01	22.20	21.92	23.00
15	16QAM	36	0	20.96	20.92	20.89	22.00
15	16QAM	36	20	20.86	20.98	20.88	22.00
15	16QAM	36	39	20.84	20.93	20.76	22.00
15	16QAM	75	0	20.87	20.96	20.77	22.00

15	64QAM	1	0	20.98	21.07	20.87	22.00
15	64QAM	1	37	20.97	21.04	20.89	22.00
15	64QAM	1	74	20.86	21.12	20.87	22.00
15	64QAM	36	0	19.82	19.95	19.77	21.00
15	64QAM	36	20	19.81	19.90	19.86	21.00
15	64QAM	36	39	19.83	19.97	19.80	21.00
15	64QAM	75	0	19.89	19.91	19.76	21.00
15	256QAM	1	0	17.94	18.01	17.99	19.00
15	256QAM	1	37	17.85	18.09	17.83	19.00
15	256QAM	1	74	17.90	18.02	17.85	19.00
15	256QAM	36	0	17.92	17.93	17.79	19.00
15	256QAM	36	20	17.86	17.98	17.73	19.00
15	256QAM	36	39	17.84	17.93	17.80	19.00
15	256QAM	75	0	17.90	17.91	17.86	19.00
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	23.04	23.12	23.02	24.00
10	QPSK	1	25	22.79	23.05	22.91	24.00
10	QPSK	1	49	22.95	23.10	23.02	24.00
10	QPSK	25	0	21.92	22.04	21.90	23.00
10	QPSK	25	12	21.82	21.95	21.78	23.00
10	QPSK	25	25	21.80	21.97	21.83	23.00
10	QPSK	50	0	21.83	21.91	21.76	23.00
10	16QAM	1	0	22.11	22.17	21.96	23.00
10	16QAM	1	25	21.96	22.12	22.00	23.00
10	16QAM	1	49	22.05	22.23	21.95	23.00
10	16QAM	25	0	20.91	20.89	20.78	22.00
10	16QAM	25	12	20.96	20.97	20.91	22.00
10	16QAM	25	25	20.79	20.99	20.80	22.00
10	16QAM	50	0	20.94	21.02	20.73	22.00
10	64QAM	1	0	20.98	20.99	20.77	22.00
10	64QAM	1	25	21.00	21.02	20.83	22.00
10	64QAM	1	49	20.95	21.14	20.84	22.00
10	64QAM	25	0	19.86	20.00	19.78	21.00
10	64QAM	25	12	19.89	19.91	19.86	21.00
10	64QAM	25	25	19.84	20.03	19.81	21.00
10	64QAM	50	0	19.95	19.94	19.82	21.00
10	256QAM	1	0	17.94	18.01	17.89	19.00
10	256QAM	1	25	17.85	18.13	17.95	19.00
10	256QAM	1	49	17.86	18.02	17.80	19.00
10	256QAM	25	0	17.92	17.98	17.66	19.00
10	256QAM	25	12	17.89	17.89	17.83	19.00
10	256QAM	25	25	17.83	17.94	17.77	19.00
10	256QAM	50	0	17.85	17.94	17.80	19.00
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	23.05	23.07	23.05	24.00
5	QPSK	1	12	22.82	23.03	22.86	24.00
5	QPSK	1	24	22.96	23.07	23.03	24.00
5	QPSK	12	0	21.97	22.06	21.96	23.00
5	QPSK	12	7	21.81	21.92	21.79	23.00
5	QPSK	12	13	21.81	21.92	21.81	23.00
5	QPSK	25	0	21.89	21.93	21.78	23.00
5	16QAM	1	0	22.04	22.19	22.05	23.00
5	16QAM	1	12	22.06	22.09	22.07	23.00
5	16QAM	1	24	22.06	22.24	21.94	23.00
5	16QAM	12	0	20.87	20.92	20.77	22.00
5	16QAM	12	7	20.91	21.00	20.90	22.00
5	16QAM	12	13	20.86	20.90	20.79	22.00
5	16QAM	25	0	20.95	21.02	20.78	22.00
5	64QAM	1	0	20.94	20.97	20.85	22.00
5	64QAM	1	12	20.92	21.10	20.83	22.00
5	64QAM	1	24	20.90	21.06	20.81	22.00
5	64QAM	12	0	19.82	19.90	19.74	21.00
5	64QAM	12	7	19.87	19.89	19.80	21.00
5	64QAM	12	13	19.85	19.97	19.78	21.00
5	64QAM	25	0	19.84	19.99	19.76	21.00
5	256QAM	1	0	17.93	18.06	17.91	19.00
5	256QAM	1	12	17.84	18.00	17.84	19.00
5	256QAM	1	24	17.82	18.04	17.81	19.00
5	256QAM	12	0	17.89	17.99	17.68	19.00
5	256QAM	12	7	17.87	18.00	17.76	19.00
5	256QAM	12	13	17.93	17.90	17.76	19.00
5	256QAM	25	0	17.90	17.98	17.87	19.00
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	23.08	23.17	23.05	24.00
3	QPSK	1	8	22.88	23.05	22.89	24.00

3	QPSK	1	14	22.96	23.06	22.91	24.00
3	QPSK	8	0	21.98	21.97	21.88	23.00
3	QPSK	8	4	21.79	21.98	21.81	23.00
3	QPSK	8	7	21.79	21.90	21.83	23.00
3	QPSK	15	0	21.87	21.93	21.72	23.00
3	16QAM	1	0	22.08	22.25	22.03	23.00
3	16QAM	1	8	21.96	22.14	21.97	23.00
3	16QAM	1	14	21.97	22.24	21.91	23.00
3	16QAM	8	0	20.88	20.91	20.77	22.00
3	16QAM	8	4	20.95	20.99	20.81	22.00
3	16QAM	8	7	20.86	20.99	20.76	22.00
3	16QAM	15	0	20.93	20.96	20.85	22.00
3	64QAM	1	0	20.96	20.95	20.76	22.00
3	64QAM	1	8	21.01	21.01	20.86	22.00
3	64QAM	1	14	20.98	21.11	20.93	22.00
3	64QAM	8	0	19.74	19.92	19.74	21.00
3	64QAM	8	4	19.89	19.95	19.92	21.00
3	64QAM	8	7	19.85	19.94	19.75	21.00
3	64QAM	15	0	19.82	20.02	19.77	21.00
3	256QAM	1	0	17.96	18.08	17.93	19.00
3	256QAM	1	8	17.97	18.02	17.84	19.00
3	256QAM	1	14	17.83	18.02	17.89	19.00
3	256QAM	8	0	17.80	18.01	17.70	19.00
3	256QAM	8	4	17.95	18.00	17.79	19.00
3	256QAM	8	7	17.80	17.94	17.76	19.00
3	256QAM	15	0	17.92	17.99	17.82	19.00
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	23.01	23.14	22.96	24.00
1.4	QPSK	1	3	22.92	23.00	22.91	24.00
1.4	QPSK	1	5	22.96	23.09	22.94	24.00
1.4	QPSK	3	0	22.99	22.98	22.96	24.00
1.4	QPSK	3	1	22.84	23.01	22.80	24.00
1.4	QPSK	3	3	22.79	22.91	22.82	24.00
1.4	QPSK	6	0	21.89	21.95	21.76	23.00
1.4	16QAM	1	0	22.07	22.15	21.98	23.00
1.4	16QAM	1	3	22.08	22.12	22.06	23.00
1.4	16QAM	1	5	21.99	22.18	22.03	23.00
1.4	16QAM	3	0	21.87	21.88	21.86	23.00
1.4	16QAM	3	1	21.95	22.03	21.93	23.00
1.4	16QAM	3	3	21.83	21.91	21.75	23.00
1.4	16QAM	6	0	20.85	20.95	20.84	22.00
1.4	64QAM	1	0	20.97	20.99	20.78	22.00
1.4	64QAM	1	3	20.95	21.14	20.87	22.00
1.4	64QAM	1	5	20.93	21.13	20.86	22.00
1.4	64QAM	3	0	20.82	21.00	20.73	22.00
1.4	64QAM	3	1	20.85	20.92	20.91	22.00
1.4	64QAM	3	3	20.87	21.00	20.71	22.00
1.4	64QAM	6	0	19.83	19.97	19.79	21.00
1.4	256QAM	1	0	17.92	18.01	17.90	19.00
1.4	256QAM	1	3	17.94	18.06	17.83	19.00
1.4	256QAM	1	5	17.94	18.01	17.91	19.00
1.4	256QAM	3	0	17.89	17.97	17.76	19.00
1.4	256QAM	3	1	17.92	17.94	17.72	19.00
1.4	256QAM	3	3	17.87	17.92	17.73	19.00
1.4	256QAM	6	0	17.92	18.01	17.84	19.00

【LTE Band 2_Ant 4_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	16.44	16.61	16.51	17.90
20	QPSK	1	49	16.22	16.45	16.21	17.90
20	QPSK	1	99	16.22	16.42	16.24	17.90
20	QPSK	50	0	16.23	16.49	16.26	17.90
20	QPSK	50	24	16.22	16.38	16.24	17.90
20	QPSK	50	50	16.16	16.47	16.21	17.90
20	QPSK	100	0	16.20	16.46	16.21	17.90
20	16QAM	1	0	16.19	16.42	16.28	17.90
20	16QAM	1	49	16.20	16.44	16.25	17.90
20	16QAM	1	99	16.16	16.46	16.22	17.90

20	16QAM	50	0	16.19	16.41	16.28	17.90
20	16QAM	50	24	16.19	16.39	16.23	17.90
20	16QAM	50	50	16.16	16.48	16.25	17.90
20	16QAM	100	0	16.18	16.46	16.27	17.90
20	64QAM	1	0	16.18	16.43	16.20	17.90
20	64QAM	1	49	16.17	16.45	16.23	17.90
20	64QAM	1	99	16.18	16.38	16.21	17.90
20	64QAM	50	0	16.20	16.44	16.25	17.90
20	64QAM	50	24	16.16	16.41	16.23	17.90
20	64QAM	50	50	16.24	16.46	16.27	17.90
20	64QAM	100	0	16.16	16.41	16.26	17.90
20	256QAM	1	0	16.21	16.44	16.21	17.90
20	256QAM	1	49	16.18	16.43	16.20	17.90
20	256QAM	1	99	16.22	16.39	16.25	17.90
20	256QAM	50	0	16.20	16.47	16.25	17.90
20	256QAM	50	24	16.23	16.41	16.28	17.90
20	256QAM	50	50	16.23	16.42	16.21	17.90
20	256QAM	100	0	16.24	16.41	16.28	17.90
Channel				18675	18900	19125	Tune-up limit
Frequency (MHz)				1857.5	1880	1902.5	(dBm)
15	QPSK	1	0	16.38	16.59	16.38	17.90
15	QPSK	1	37	16.13	16.34	16.09	17.90
15	QPSK	1	74	16.08	16.36	16.17	17.90
15	QPSK	36	0	16.15	16.35	16.15	17.90
15	QPSK	36	20	16.12	16.36	16.16	17.90
15	QPSK	36	39	16.06	16.34	16.13	17.90
15	QPSK	75	0	16.13	16.36	16.12	17.90
15	16QAM	1	0	16.15	16.40	16.15	17.90
15	16QAM	1	37	16.08	16.37	16.13	17.90
15	16QAM	1	74	16.09	16.38	16.16	17.90
15	16QAM	36	0	16.15	16.30	16.15	17.90
15	16QAM	36	20	16.05	16.28	16.22	17.90
15	16QAM	36	39	16.13	16.34	16.14	17.90
15	16QAM	75	0	16.05	16.38	16.20	17.90
15	64QAM	1	0	16.14	16.35	16.19	17.90
15	64QAM	1	37	16.14	16.31	16.20	17.90
15	64QAM	1	74	16.15	16.24	16.18	17.90
15	64QAM	36	0	16.05	16.41	16.11	17.90
15	64QAM	36	20	16.03	16.38	16.12	17.90
15	64QAM	36	39	16.13	16.35	16.26	17.90
15	64QAM	75	0	16.09	16.28	16.23	17.90
15	256QAM	1	0	16.11	16.41	16.14	17.90
15	256QAM	1	37	16.13	16.29	16.13	17.90
15	256QAM	1	74	16.11	16.24	16.21	17.90
15	256QAM	36	0	16.12	16.33	16.13	17.90
15	256QAM	36	20	16.12	16.37	16.18	17.90
15	256QAM	36	39	16.12	16.37	16.19	17.90
15	256QAM	75	0	16.17	16.35	16.16	17.90
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	16.32	16.50	16.49	17.90
10	QPSK	1	25	16.17	16.39	16.14	17.90
10	QPSK	1	49	16.13	16.27	16.22	17.90
10	QPSK	25	0	16.09	16.48	16.15	17.90
10	QPSK	25	12	16.16	16.24	16.17	17.90
10	QPSK	25	25	16.12	16.42	16.11	17.90
10	QPSK	50	0	16.10	16.36	16.11	17.90
10	16QAM	1	0	16.15	16.38	16.25	17.90
10	16QAM	1	25	16.13	16.35	16.17	17.90
10	16QAM	1	49	16.01	16.35	16.15	17.90
10	16QAM	25	0	16.11	16.33	16.19	17.90
10	16QAM	25	12	16.13	16.35	16.11	17.90
10	16QAM	25	25	16.05	16.40	16.13	17.90
10	16QAM	50	0	16.06	16.35	16.23	17.90
10	64QAM	1	0	16.05	16.42	16.09	17.90
10	64QAM	1	25	16.12	16.38	16.16	17.90
10	64QAM	1	49	16.13	16.24	16.15	17.90
10	64QAM	25	0	16.13	16.31	16.13	17.90
10	64QAM	25	12	16.09	16.37	16.20	17.90
10	64QAM	25	25	16.11	16.37	16.24	17.90
10	64QAM	50	0	16.13	16.30	16.17	17.90
10	256QAM	1	0	16.14	16.40	16.12	17.90
10	256QAM	1	25	16.12	16.34	16.14	17.90
10	256QAM	1	49	16.15	16.27	16.14	17.90
10	256QAM	25	0	16.12	16.33	16.20	17.90
10	256QAM	25	12	16.11	16.30	16.17	17.90
10	256QAM	25	25	16.14	16.38	16.08	17.90
10	256QAM	50	0	16.19	16.28	16.27	17.90

Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	16.35	16.56	16.47	17.90
5	QPSK	1	12	16.14	16.31	16.16	17.90
5	QPSK	1	24	16.15	16.32	16.10	17.90
5	QPSK	12	0	16.17	16.38	16.22	17.90
5	QPSK	12	7	16.11	16.26	16.18	17.90
5	QPSK	12	13	16.05	16.42	16.12	17.90
5	QPSK	25	0	16.11	16.39	16.14	17.90
5	16QAM	1	0	16.05	16.39	16.22	17.90
5	16QAM	1	12	16.15	16.37	16.21	17.90
5	16QAM	1	24	16.07	16.34	16.17	17.90
5	16QAM	12	0	16.13	16.38	16.22	17.90
5	16QAM	12	7	16.06	16.25	16.17	17.90
5	16QAM	12	13	16.02	16.41	16.19	17.90
5	16QAM	25	0	16.11	16.35	16.22	17.90
5	64QAM	1	0	16.04	16.30	16.11	17.90
5	64QAM	1	12	16.13	16.39	16.17	17.90
5	64QAM	1	24	16.07	16.30	16.08	17.90
5	64QAM	12	0	16.17	16.30	16.19	17.90
5	64QAM	12	7	16.07	16.37	16.19	17.90
5	64QAM	12	13	16.23	16.36	16.20	17.90
5	64QAM	25	0	16.09	16.39	16.12	17.90
5	256QAM	1	0	16.08	16.35	16.18	17.90
5	256QAM	1	12	16.13	16.29	16.12	17.90
5	256QAM	1	24	16.16	16.31	16.17	17.90
5	256QAM	12	0	16.05	16.44	16.14	17.90
5	256QAM	12	7	16.12	16.37	16.22	17.90
5	256QAM	12	13	16.09	16.28	16.17	17.90
5	256QAM	25	0	16.21	16.32	16.20	17.90
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	16.32	16.55	16.44	17.90
3	QPSK	1	8	16.11	16.40	16.06	17.90
3	QPSK	1	14	16.08	16.31	16.20	17.90
3	QPSK	8	0	16.12	16.47	16.15	17.90
3	QPSK	8	4	16.12	16.29	16.13	17.90
3	QPSK	8	7	16.08	16.34	16.09	17.90
3	QPSK	15	0	16.17	16.34	16.17	17.90
3	16QAM	1	0	16.16	16.29	16.14	17.90
3	16QAM	1	8	16.12	16.40	16.12	17.90
3	16QAM	1	14	16.06	16.33	16.10	17.90
3	16QAM	8	0	16.08	16.37	16.24	17.90
3	16QAM	8	4	16.16	16.37	16.14	17.90
3	16QAM	8	7	16.10	16.45	16.22	17.90
3	16QAM	15	0	16.12	16.32	16.19	17.90
3	64QAM	1	0	16.14	16.34	16.09	17.90
3	64QAM	1	8	16.03	16.33	16.10	17.90
3	64QAM	1	14	16.05	16.28	16.11	17.90
3	64QAM	8	0	16.09	16.31	16.14	17.90
3	64QAM	8	4	16.05	16.27	16.17	17.90
3	64QAM	8	7	16.15	16.42	16.18	17.90
3	64QAM	15	0	16.09	16.33	16.12	17.90
3	256QAM	1	0	16.08	16.40	16.10	17.90
3	256QAM	1	8	16.13	16.35	16.06	17.90
3	256QAM	1	14	16.13	16.33	16.17	17.90
3	256QAM	8	0	16.18	16.45	16.20	17.90
3	256QAM	8	4	16.19	16.32	16.16	17.90
3	256QAM	8	7	16.17	16.38	16.19	17.90
3	256QAM	15	0	16.19	16.39	16.17	17.90
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	16.38	16.47	16.42	17.90
1.4	QPSK	1	3	16.20	16.40	16.09	17.90
1.4	QPSK	1	5	16.11	16.32	16.20	17.90
1.4	QPSK	3	0	16.14	16.46	16.18	17.90
1.4	QPSK	3	1	16.11	16.29	16.14	17.90
1.4	QPSK	3	3	16.15	16.35	16.12	17.90
1.4	QPSK	6	0	16.16	16.41	16.08	17.90
1.4	16QAM	1	0	16.13	16.34	16.24	17.90
1.4	16QAM	1	3	16.08	16.30	16.15	17.90
1.4	16QAM	1	5	16.13	16.36	16.14	17.90
1.4	16QAM	3	0	16.12	16.34	16.18	17.90
1.4	16QAM	3	1	16.18	16.31	16.13	17.90
1.4	16QAM	3	3	16.09	16.33	16.17	17.90
1.4	16QAM	6	0	16.13	16.36	16.20	17.90
1.4	64QAM	1	0	16.16	16.33	16.14	17.90
1.4	64QAM	1	3	16.11	16.42	16.08	17.90

1.4	64QAM	1	5	16.13	16.30	16.08	17.90
1.4	64QAM	3	0	16.14	16.37	16.14	17.90
1.4	64QAM	3	1	16.12	16.36	16.10	17.90
1.4	64QAM	3	3	16.20	16.37	16.17	17.90
1.4	64QAM	6	0	16.08	16.34	16.14	17.90
1.4	256QAM	1	0	16.10	16.43	16.09	17.90
1.4	256QAM	1	3	16.11	16.32	16.11	17.90
1.4	256QAM	1	5	16.16	16.37	16.22	17.90
1.4	256QAM	3	0	16.18	16.39	16.23	17.90
1.4	256QAM	3	1	16.17	16.34	16.24	17.90
1.4	256QAM	3	3	16.21	16.34	16.18	17.90
1.4	256QAM	6	0	16.17	16.37	16.15	17.90

【LTE Band 2_Ant 4_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	16.44	16.61	16.51	17.80
20	QPSK	1	49	16.22	16.45	16.21	17.80
20	QPSK	1	99	16.22	16.42	16.24	17.80
20	QPSK	50	0	16.23	16.49	16.26	17.80
20	QPSK	50	24	16.22	16.38	16.24	17.80
20	QPSK	50	50	16.16	16.47	16.21	17.80
20	QPSK	100	0	16.20	16.46	16.21	17.80
20	16QAM	1	0	16.19	16.42	16.28	17.80
20	16QAM	1	49	16.20	16.44	16.25	17.80
20	16QAM	1	99	16.16	16.46	16.22	17.80
20	16QAM	50	0	16.19	16.41	16.28	17.80
20	16QAM	50	24	16.19	16.39	16.23	17.80
20	16QAM	50	50	16.16	16.48	16.25	17.80
20	16QAM	100	0	16.18	16.46	16.27	17.80
20	64QAM	1	0	16.18	16.43	16.20	17.80
20	64QAM	1	49	16.17	16.45	16.23	17.80
20	64QAM	1	99	16.18	16.38	16.21	17.80
20	64QAM	50	0	16.20	16.44	16.25	17.80
20	64QAM	50	24	16.16	16.41	16.23	17.80
20	64QAM	50	50	16.24	16.46	16.27	17.80
20	64QAM	100	0	16.16	16.41	16.26	17.80
20	256QAM	1	0	16.21	16.44	16.21	17.80
20	256QAM	1	49	16.18	16.43	16.20	17.80
20	256QAM	1	99	16.22	16.39	16.25	17.80
20	256QAM	50	0	16.20	16.47	16.25	17.80
20	256QAM	50	24	16.23	16.41	16.28	17.80
20	256QAM	50	50	16.23	16.42	16.21	17.80
20	256QAM	100	0	16.24	16.41	16.28	17.80
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	16.41	16.53	16.48	17.80
15	QPSK	1	37	16.19	16.43	16.17	17.80
15	QPSK	1	74	16.11	16.35	16.22	17.80
15	QPSK	36	0	16.10	16.46	16.19	17.80
15	QPSK	36	20	16.13	16.24	16.21	17.80
15	QPSK	36	39	16.12	16.43	16.08	17.80
15	QPSK	75	0	16.18	16.42	16.12	17.80
15	16QAM	1	0	16.14	16.32	16.24	17.80
15	16QAM	1	37	16.13	16.37	16.20	17.80
15	16QAM	1	74	16.05	16.38	16.10	17.80
15	16QAM	36	0	16.10	16.28	16.21	17.80
15	16QAM	36	20	16.04	16.34	16.09	17.80
15	16QAM	36	39	16.08	16.47	16.16	17.80
15	16QAM	75	0	16.08	16.38	16.22	17.80
15	64QAM	1	0	16.09	16.42	16.08	17.80
15	64QAM	1	37	16.03	16.33	16.18	17.80
15	64QAM	1	74	16.04	16.28	16.20	17.80
15	64QAM	36	0	16.11	16.41	16.13	17.80
15	64QAM	36	20	16.02	16.38	16.15	17.80
15	64QAM	36	39	16.16	16.41	16.13	17.80
15	64QAM	75	0	16.10	16.39	16.15	17.80
15	256QAM	1	0	16.14	16.37	16.13	17.80
15	256QAM	1	37	16.09	16.34	16.16	17.80
15	256QAM	1	74	16.10	16.25	16.10	17.80

15	256QAM	36	0	16.11	16.39	16.14	17.80
15	256QAM	36	20	16.09	16.39	16.20	17.80
15	256QAM	36	39	16.12	16.36	16.13	17.80
15	256QAM	75	0	16.14	16.34	16.26	17.80
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	16.31	16.57	16.46	17.80
10	QPSK	1	25	16.10	16.41	16.11	17.80
10	QPSK	1	49	16.10	16.32	16.19	17.80
10	QPSK	25	0	16.09	16.37	16.16	17.80
10	QPSK	25	12	16.09	16.30	16.16	17.80
10	QPSK	25	25	16.07	16.36	16.17	17.80
10	QPSK	50	0	16.18	16.40	16.08	17.80
10	16QAM	1	0	16.04	16.34	16.17	17.80
10	16QAM	1	25	16.08	16.40	16.18	17.80
10	16QAM	1	49	16.02	16.43	16.07	17.80
10	16QAM	25	0	16.16	16.30	16.18	17.80
10	16QAM	25	12	16.16	16.35	16.22	17.80
10	16QAM	25	25	16.09	16.38	16.14	17.80
10	16QAM	50	0	16.08	16.43	16.20	17.80
10	64QAM	1	0	16.15	16.29	16.10	17.80
10	64QAM	1	25	16.13	16.32	16.11	17.80
10	64QAM	1	49	16.17	16.25	16.15	17.80
10	64QAM	25	0	16.18	16.33	16.15	17.80
10	64QAM	25	12	16.09	16.39	16.20	17.80
10	64QAM	25	25	16.19	16.40	16.19	17.80
10	64QAM	50	0	16.13	16.31	16.13	17.80
10	256QAM	1	0	16.16	16.41	16.14	17.80
10	256QAM	1	25	16.10	16.30	16.19	17.80
10	256QAM	1	49	16.11	16.30	16.19	17.80
10	256QAM	25	0	16.12	16.36	16.23	17.80
10	256QAM	25	12	16.15	16.35	16.25	17.80
10	256QAM	25	25	16.11	16.40	16.12	17.80
10	256QAM	50	0	16.11	16.28	16.16	17.80
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	16.36	16.50	16.40	17.80
5	QPSK	1	12	16.11	16.35	16.09	17.80
5	QPSK	1	24	16.08	16.35	16.15	17.80
5	QPSK	12	0	16.08	16.44	16.22	17.80
5	QPSK	12	7	16.11	16.28	16.14	17.80
5	QPSK	12	13	16.09	16.32	16.08	17.80
5	QPSK	25	0	16.17	16.39	16.19	17.80
5	16QAM	1	0	16.15	16.31	16.15	17.80
5	16QAM	1	12	16.16	16.39	16.23	17.80
5	16QAM	1	24	16.02	16.43	16.08	17.80
5	16QAM	12	0	16.13	16.29	16.15	17.80
5	16QAM	12	7	16.18	16.36	16.18	17.80
5	16QAM	12	13	16.07	16.45	16.20	17.80
5	16QAM	25	0	16.11	16.40	16.23	17.80
5	64QAM	1	0	16.07	16.42	16.07	17.80
5	64QAM	1	12	16.08	16.37	16.11	17.80
5	64QAM	1	24	16.06	16.31	16.11	17.80
5	64QAM	12	0	16.12	16.29	16.10	17.80
5	64QAM	12	7	16.02	16.36	16.19	17.80
5	64QAM	12	13	16.16	16.36	16.16	17.80
5	64QAM	25	0	16.06	16.33	16.11	17.80
5	256QAM	1	0	16.17	16.35	16.19	17.80
5	256QAM	1	12	16.12	16.36	16.13	17.80
5	256QAM	1	24	16.11	16.37	16.21	17.80
5	256QAM	12	0	16.15	16.42	16.18	17.80
5	256QAM	12	7	16.12	16.28	16.24	17.80
5	256QAM	12	13	16.16	16.29	16.18	17.80
5	256QAM	25	0	16.16	16.33	16.17	17.80
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	16.40	16.50	16.45	17.80
3	QPSK	1	8	16.13	16.32	16.17	17.80
3	QPSK	1	14	16.07	16.29	16.15	17.80
3	QPSK	8	0	16.12	16.47	16.17	17.80
3	QPSK	8	4	16.21	16.30	16.09	17.80
3	QPSK	8	7	16.04	16.46	16.10	17.80
3	QPSK	15	0	16.15	16.43	16.07	17.80
3	16QAM	1	0	16.12	16.37	16.22	17.80
3	16QAM	1	8	16.08	16.43	16.22	17.80
3	16QAM	1	14	16.10	16.37	16.13	17.80
3	16QAM	8	0	16.08	16.36	16.17	17.80
3	16QAM	8	4	16.07	16.35	16.16	17.80

3	16QAM	8	7	16.04	16.38	16.19	17.80
3	16QAM	15	0	16.16	16.39	16.14	17.80
3	64QAM	1	0	16.06	16.34	16.11	17.80
3	64QAM	1	8	16.07	16.40	16.18	17.80
3	64QAM	1	14	16.13	16.29	16.17	17.80
3	64QAM	8	0	16.07	16.39	16.15	17.80
3	64QAM	8	4	16.01	16.39	16.13	17.80
3	64QAM	8	7	16.19	16.36	16.18	17.80
3	64QAM	15	0	16.02	16.26	16.14	17.80
3	256QAM	1	0	16.17	16.33	16.08	17.80
3	256QAM	1	8	16.08	16.31	16.17	17.80
3	256QAM	1	14	16.19	16.35	16.14	17.80
3	256QAM	8	0	16.08	16.44	16.22	17.80
3	256QAM	8	4	16.13	16.31	16.24	17.80
3	256QAM	8	7	16.09	16.27	16.18	17.80
3	256QAM	15	0	16.19	16.31	16.21	17.80
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	16.34	16.56	16.40	17.80
1.4	QPSK	1	3	16.13	16.40	16.16	17.80
1.4	QPSK	1	5	16.09	16.39	16.20	17.80
1.4	QPSK	3	0	16.16	16.45	16.13	17.80
1.4	QPSK	3	1	16.12	16.36	16.21	17.80
1.4	QPSK	3	3	16.11	16.37	16.14	17.80
1.4	QPSK	6	0	16.07	16.42	16.15	17.80
1.4	16QAM	1	0	16.12	16.37	16.14	17.80
1.4	16QAM	1	3	16.13	16.43	16.23	17.80
1.4	16QAM	1	5	16.07	16.42	16.13	17.80
1.4	16QAM	3	0	16.07	16.30	16.22	17.80
1.4	16QAM	3	1	16.10	16.34	16.13	17.80
1.4	16QAM	3	3	16.07	16.44	16.12	17.80
1.4	16QAM	6	0	16.12	16.32	16.21	17.80
1.4	64QAM	1	0	16.09	16.39	16.18	17.80
1.4	64QAM	1	3	16.03	16.35	16.19	17.80
1.4	64QAM	1	5	16.13	16.34	16.06	17.80
1.4	64QAM	3	0	16.06	16.36	16.15	17.80
1.4	64QAM	3	1	16.09	16.40	16.12	17.80
1.4	64QAM	3	3	16.23	16.45	16.16	17.80
1.4	64QAM	6	0	16.02	16.37	16.17	17.80
1.4	256QAM	1	0	16.12	16.33	16.12	17.80
1.4	256QAM	1	3	16.10	16.39	16.19	17.80
1.4	256QAM	1	5	16.18	16.36	16.12	17.80
1.4	256QAM	3	0	16.07	16.38	16.22	17.80
1.4	256QAM	3	1	16.16	16.31	16.19	17.80
1.4	256QAM	3	3	16.15	16.39	16.10	17.80
1.4	256QAM	6	0	16.22	16.28	16.16	17.80

【LTE Band 2_Ant 4_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	23.15	23.19	23.10	24.00
20	QPSK	1	49	22.93	23.11	22.97	24.00
20	QPSK	1	99	23.05	23.17	23.05	24.00
20	QPSK	50	0	22.02	22.09	21.99	23.00
20	QPSK	50	24	21.87	22.06	21.83	23.00
20	QPSK	50	50	21.92	22.04	21.92	23.00
20	QPSK	100	0	21.91	22.05	21.85	23.00
20	16QAM	1	0	22.12	22.29	22.07	23.00
20	16QAM	1	49	22.10	22.22	22.09	23.00
20	16QAM	1	99	22.10	22.25	22.04	23.00
20	16QAM	50	0	20.97	21.03	20.92	22.00
20	16QAM	50	24	21.00	21.05	20.95	22.00
20	16QAM	50	50	20.91	21.04	20.85	22.00
20	16QAM	100	0	20.98	21.03	20.86	22.00
20	64QAM	1	0	21.04	21.09	20.89	22.00
20	64QAM	1	49	21.03	21.15	20.96	22.00
20	64QAM	1	99	21.00	21.17	20.95	22.00
20	64QAM	50	0	19.88	20.03	19.84	21.00
20	64QAM	50	24	19.92	20.04	19.94	21.00
20	64QAM	50	50	19.88	20.06	19.83	21.00

20	64QAM	100	0	19.97	20.03	19.89	21.00
20	256QAM	1	0	18.05	18.14	18.03	19.00
20	256QAM	1	49	17.98	18.15	17.97	19.00
20	256QAM	1	99	17.97	18.11	17.94	19.00
20	256QAM	50	0	17.95	18.02	17.80	19.00
20	256QAM	50	24	17.97	18.03	17.87	19.00
20	256QAM	50	50	17.94	18.04	17.88	19.00
20	256QAM	100	0	17.99	18.03	17.94	19.00
Channel				18675	18900	19125	Tune-up limit
Frequency (MHz)				1857.5	1880	1902.5	(dBm)
15	QPSK	1	0	23.04	23.15	23.00	24.00
15	QPSK	1	37	22.81	22.97	22.84	24.00
15	QPSK	1	74	22.97	23.11	23.02	24.00
15	QPSK	36	0	21.96	22.06	21.89	23.00
15	QPSK	36	20	21.82	22.02	21.69	23.00
15	QPSK	36	39	21.88	22.02	21.78	23.00
15	QPSK	75	0	21.85	21.96	21.73	23.00
15	16QAM	1	0	22.06	22.17	21.94	23.00
15	16QAM	1	37	21.95	22.09	22.04	23.00
15	16QAM	1	74	22.01	22.20	21.92	23.00
15	16QAM	36	0	20.96	20.92	20.89	22.00
15	16QAM	36	20	20.86	20.98	20.88	22.00
15	16QAM	36	39	20.84	20.93	20.76	22.00
15	16QAM	75	0	20.87	20.96	20.77	22.00
15	64QAM	1	0	20.98	21.07	20.87	22.00
15	64QAM	1	37	20.97	21.04	20.89	22.00
15	64QAM	1	74	20.86	21.12	20.87	22.00
15	64QAM	36	0	19.82	19.95	19.77	21.00
15	64QAM	36	20	19.81	19.90	19.86	21.00
15	64QAM	36	39	19.83	19.97	19.80	21.00
15	64QAM	75	0	19.89	19.91	19.76	21.00
15	256QAM	1	0	17.94	18.01	17.99	19.00
15	256QAM	1	37	17.85	18.09	17.83	19.00
15	256QAM	1	74	17.90	18.02	17.85	19.00
15	256QAM	36	0	17.92	17.93	17.79	19.00
15	256QAM	36	20	17.86	17.98	17.73	19.00
15	256QAM	36	39	17.84	17.93	17.80	19.00
15	256QAM	75	0	17.90	17.91	17.86	19.00
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	23.04	23.12	23.02	24.00
10	QPSK	1	25	22.79	23.05	22.91	24.00
10	QPSK	1	49	22.95	23.10	23.02	24.00
10	QPSK	25	0	21.92	22.04	21.90	23.00
10	QPSK	25	12	21.82	21.95	21.78	23.00
10	QPSK	25	25	21.80	21.97	21.83	23.00
10	QPSK	50	0	21.83	21.91	21.76	23.00
10	16QAM	1	0	22.11	22.17	21.96	23.00
10	16QAM	1	25	21.96	22.12	22.00	23.00
10	16QAM	1	49	22.05	22.23	21.95	23.00
10	16QAM	25	0	20.91	20.89	20.78	22.00
10	16QAM	25	12	20.96	20.97	20.91	22.00
10	16QAM	25	25	20.79	20.99	20.80	22.00
10	16QAM	50	0	20.94	21.02	20.73	22.00
10	64QAM	1	0	20.98	20.99	20.77	22.00
10	64QAM	1	25	21.00	21.02	20.83	22.00
10	64QAM	1	49	20.95	21.14	20.84	22.00
10	64QAM	25	0	19.86	20.00	19.78	21.00
10	64QAM	25	12	19.89	19.91	19.86	21.00
10	64QAM	25	25	19.84	20.03	19.81	21.00
10	64QAM	50	0	19.95	19.94	19.82	21.00
10	256QAM	1	0	17.94	18.01	17.89	19.00
10	256QAM	1	25	17.85	18.13	17.95	19.00
10	256QAM	1	49	17.86	18.02	17.80	19.00
10	256QAM	25	0	17.92	17.98	17.66	19.00
10	256QAM	25	12	17.89	17.89	17.83	19.00
10	256QAM	25	25	17.83	17.94	17.77	19.00
10	256QAM	50	0	17.85	17.94	17.80	19.00
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	23.05	23.07	23.05	24.00
5	QPSK	1	12	22.82	23.03	22.86	24.00
5	QPSK	1	24	22.96	23.07	23.03	24.00
5	QPSK	12	0	21.97	22.06	21.96	23.00
5	QPSK	12	7	21.81	21.92	21.79	23.00
5	QPSK	12	13	21.81	21.92	21.81	23.00
5	QPSK	25	0	21.89	21.93	21.78	23.00
5	16QAM	1	0	22.04	22.19	22.05	23.00

5	16QAM	1	12	22.06	22.09	22.07	23.00
5	16QAM	1	24	22.06	22.24	21.94	23.00
5	16QAM	12	0	20.87	20.92	20.77	22.00
5	16QAM	12	7	20.91	21.00	20.90	22.00
5	16QAM	12	13	20.86	20.90	20.79	22.00
5	16QAM	25	0	20.95	21.02	20.78	22.00
5	64QAM	1	0	20.94	20.97	20.85	22.00
5	64QAM	1	12	20.92	21.10	20.83	22.00
5	64QAM	1	24	20.90	21.06	20.81	22.00
5	64QAM	12	0	19.82	19.90	19.74	21.00
5	64QAM	12	7	19.87	19.89	19.80	21.00
5	64QAM	12	13	19.85	19.97	19.78	21.00
5	64QAM	25	0	19.84	19.99	19.76	21.00
5	256QAM	1	0	17.93	18.06	17.91	19.00
5	256QAM	1	12	17.84	18.00	17.84	19.00
5	256QAM	1	24	17.82	18.04	17.81	19.00
5	256QAM	12	0	17.89	17.99	17.68	19.00
5	256QAM	12	7	17.87	18.00	17.76	19.00
5	256QAM	12	13	17.93	17.90	17.76	19.00
5	256QAM	25	0	17.90	17.98	17.87	19.00
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	23.08	23.17	23.05	24.00
3	QPSK	1	8	22.88	23.05	22.89	24.00
3	QPSK	1	14	22.96	23.06	22.91	24.00
3	QPSK	8	0	21.98	21.97	21.88	23.00
3	QPSK	8	4	21.79	21.98	21.81	23.00
3	QPSK	8	7	21.79	21.90	21.83	23.00
3	QPSK	15	0	21.87	21.93	21.72	23.00
3	16QAM	1	0	22.08	22.25	22.03	23.00
3	16QAM	1	8	21.96	22.14	21.97	23.00
3	16QAM	1	14	21.97	22.24	21.91	23.00
3	16QAM	8	0	20.88	20.91	20.77	22.00
3	16QAM	8	4	20.95	20.99	20.81	22.00
3	16QAM	8	7	20.86	20.99	20.76	22.00
3	16QAM	15	0	20.93	20.96	20.85	22.00
3	64QAM	1	0	20.96	20.95	20.76	22.00
3	64QAM	1	8	21.01	21.01	20.86	22.00
3	64QAM	1	14	20.98	21.11	20.93	22.00
3	64QAM	8	0	19.74	19.92	19.74	21.00
3	64QAM	8	4	19.89	19.95	19.92	21.00
3	64QAM	8	7	19.85	19.94	19.75	21.00
3	64QAM	15	0	19.82	20.02	19.77	21.00
3	256QAM	1	0	17.96	18.08	17.93	19.00
3	256QAM	1	8	17.97	18.02	17.84	19.00
3	256QAM	1	14	17.83	18.02	17.89	19.00
3	256QAM	8	0	17.80	18.01	17.70	19.00
3	256QAM	8	4	17.95	18.00	17.79	19.00
3	256QAM	8	7	17.80	17.94	17.76	19.00
3	256QAM	15	0	17.92	17.99	17.82	19.00
Channel				18607	18900	19193	Tune-up limit
Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	23.01	23.14	22.96	24.00
1.4	QPSK	1	3	22.92	23.00	22.91	24.00
1.4	QPSK	1	5	22.96	23.09	22.94	24.00
1.4	QPSK	3	0	22.99	22.98	22.96	24.00
1.4	QPSK	3	1	22.84	23.01	22.80	24.00
1.4	QPSK	3	3	22.79	22.91	22.82	24.00
1.4	QPSK	6	0	21.89	21.95	21.76	23.00
1.4	16QAM	1	0	22.07	22.15	21.98	23.00
1.4	16QAM	1	3	22.08	22.12	22.06	23.00
1.4	16QAM	1	5	21.99	22.18	22.03	23.00
1.4	16QAM	3	0	21.87	21.88	21.86	23.00
1.4	16QAM	3	1	21.95	22.03	21.93	23.00
1.4	16QAM	3	3	21.83	21.91	21.75	23.00
1.4	16QAM	6	0	20.85	20.95	20.84	22.00
1.4	64QAM	1	0	20.97	20.99	20.78	22.00
1.4	64QAM	1	3	20.95	21.14	20.87	22.00
1.4	64QAM	1	5	20.93	21.13	20.86	22.00
1.4	64QAM	3	0	20.82	21.00	20.73	22.00
1.4	64QAM	3	1	20.85	20.92	20.91	22.00
1.4	64QAM	3	3	20.87	21.00	20.71	22.00
1.4	64QAM	6	0	19.83	19.97	19.79	21.00
1.4	256QAM	1	0	17.92	18.01	17.90	19.00
1.4	256QAM	1	3	17.94	18.06	17.83	19.00
1.4	256QAM	1	5	17.94	18.01	17.91	19.00
1.4	256QAM	3	0	17.89	17.97	17.76	19.00
1.4	256QAM	3	1	17.92	17.94	17.72	19.00

1.4	256QAM	3	3	17.87	17.92	17.73	19.00
1.4	256QAM	6	0	17.92	18.01	17.84	19.00

【LTE Band 2_Ant 4_ECI 6】

Band	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	20	QPSK	1	0	20.96	21.13	20.93	22.00
20	20	QPSK	1	49	21.00	21.00	20.93	22.00
20	20	QPSK	1	99	21.01	20.99	20.98	22.00
20	20	QPSK	50	0	20.99	21.05	20.99	22.00
20	20	QPSK	50	24	20.99	21.02	21.02	22.00
20	20	QPSK	50	50	20.95	20.96	21.00	22.00
20	20	QPSK	100	0	20.95	21.02	20.95	22.00
20	20	16QAM	1	0	20.93	20.98	20.94	22.00
20	20	16QAM	1	49	20.95	20.97	21.02	22.00
20	20	16QAM	1	99	21.00	20.97	20.96	22.00
20	20	16QAM	50	0	20.97	20.95	20.96	22.00
20	20	16QAM	50	24	21.00	20.96	20.93	22.00
20	20	16QAM	50	50	20.97	20.98	20.94	22.00
20	20	16QAM	100	0	20.96	20.96	20.93	22.00
20	20	64QAM	1	0	21.02	20.98	20.97	22.00
20	20	64QAM	1	49	21.00	21.01	20.99	22.00
20	20	64QAM	1	99	21.02	20.98	20.97	22.00
20	20	64QAM	50	0	19.88	20.03	19.84	21.00
20	20	64QAM	50	24	19.92	20.04	19.94	21.00
20	20	64QAM	50	50	19.88	20.06	19.83	21.00
20	20	64QAM	100	0	19.97	20.03	19.89	21.00
20	20	256QAM	1	0	18.05	18.14	18.03	19.00
20	20	256QAM	1	49	17.98	18.15	17.97	19.00
20	20	256QAM	1	99	17.97	18.11	17.94	19.00
20	20	256QAM	50	0	17.95	18.02	17.80	19.00
20	20	256QAM	50	24	17.97	18.03	17.87	19.00
20	20	256QAM	50	50	17.94	18.04	17.88	19.00
20	20	256QAM	100	0	17.99	18.03	17.94	19.00
Channel					18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)					1857.5	1880	1902.5	
15	15	QPSK	1	0	20.91	21.06	20.88	22.00
15	15	QPSK	1	37	20.93	20.98	20.79	22.00
15	15	QPSK	1	74	20.87	20.96	20.91	22.00
15	15	QPSK	36	0	20.85	21.03	20.91	22.00
15	15	QPSK	36	20	20.87	20.95	20.91	22.00
15	15	QPSK	36	39	20.87	20.85	20.91	22.00
15	15	QPSK	75	0	20.81	20.93	20.84	22.00
15	15	16QAM	1	0	20.82	20.89	20.91	22.00
15	15	16QAM	1	37	20.88	20.93	20.97	22.00
15	15	16QAM	1	74	20.86	20.82	20.84	22.00
15	15	16QAM	36	0	20.85	20.91	20.94	22.00
15	15	16QAM	36	20	20.95	20.84	20.87	22.00
15	15	16QAM	36	39	20.82	20.92	20.85	22.00
15	15	16QAM	75	0	20.90	20.88	20.80	22.00
15	15	64QAM	1	0	21.00	20.87	20.94	22.00
15	15	64QAM	1	37	20.94	20.99	20.92	22.00
15	15	64QAM	1	74	20.94	20.86	20.86	22.00
15	15	64QAM	36	0	19.76	19.91	19.75	21.00
15	15	64QAM	36	20	19.80	19.95	19.91	21.00
15	15	64QAM	36	39	19.77	20.00	19.78	21.00
15	15	64QAM	75	0	19.94	19.99	19.80	21.00
15	15	256QAM	1	0	17.97	18.10	18.01	19.00
15	15	256QAM	1	37	17.92	18.01	17.93	19.00
15	15	256QAM	1	74	17.93	18.01	17.81	19.00
15	15	256QAM	36	0	17.84	18.00	17.65	19.00
15	15	256QAM	36	20	17.86	17.93	17.79	19.00
15	15	256QAM	36	39	17.92	18.03	17.82	19.00
15	15	256QAM	75	0	17.87	17.92	17.83	19.00
Channel					18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)					1855	1880	1905	
10	10	QPSK	1	0	20.87	21.04	20.84	22.00
10	10	QPSK	1	25	20.94	20.99	20.80	22.00
10	10	QPSK	1	49	20.89	20.95	20.85	22.00
10	10	QPSK	25	0	20.84	21.00	20.97	22.00

10	QPSK	25	12	20.86	20.98	20.92	22.00
10	QPSK	25	25	20.89	20.94	20.91	22.00
10	QPSK	50	0	20.86	20.99	20.81	22.00
10	16QAM	1	0	20.81	20.87	20.83	22.00
10	16QAM	1	25	20.87	20.85	20.93	22.00
10	16QAM	1	49	20.94	20.90	20.93	22.00
10	16QAM	25	0	20.84	20.88	20.82	22.00
10	16QAM	25	12	20.88	20.88	20.89	22.00
10	16QAM	25	25	20.93	20.92	20.88	22.00
10	16QAM	50	0	20.82	20.82	20.81	22.00
10	64QAM	1	0	20.94	20.92	20.82	22.00
10	64QAM	1	25	20.95	20.88	20.88	22.00
10	64QAM	1	49	20.89	20.88	20.84	22.00
10	64QAM	25	0	19.76	19.96	19.80	21.00
10	64QAM	25	12	19.81	19.90	19.81	21.00
10	64QAM	25	25	19.85	19.97	19.77	21.00
10	64QAM	50	0	19.85	19.99	19.83	21.00
10	256QAM	1	0	18.03	18.02	17.96	19.00
10	256QAM	1	25	17.93	18.03	17.82	19.00
10	256QAM	1	49	17.92	18.00	17.93	19.00
10	256QAM	25	0	17.88	17.93	17.70	19.00
10	256QAM	25	12	17.87	17.98	17.75	19.00
10	256QAM	25	25	17.79	17.90	17.76	19.00
10	256QAM	50	0	17.90	17.95	17.86	19.00
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	20.90	21.07	20.89	22.00
5	QPSK	1	12	20.87	20.89	20.91	22.00
5	QPSK	1	24	20.88	20.95	20.85	22.00
5	QPSK	12	0	20.97	20.92	20.87	22.00
5	QPSK	12	7	20.89	20.88	20.91	22.00
5	QPSK	12	13	20.82	20.95	20.88	22.00
5	QPSK	25	0	20.82	20.97	20.86	22.00
5	16QAM	1	0	20.89	20.92	20.87	22.00
5	16QAM	1	12	20.93	20.84	20.97	22.00
5	16QAM	1	24	20.88	20.91	20.82	22.00
5	16QAM	12	0	20.85	20.89	20.86	22.00
5	16QAM	12	7	20.85	20.94	20.87	22.00
5	16QAM	12	13	20.94	20.83	20.83	22.00
5	16QAM	25	0	20.89	20.84	20.81	22.00
5	64QAM	1	0	21.00	20.88	20.82	22.00
5	64QAM	1	12	20.94	20.99	20.93	22.00
5	64QAM	1	24	20.95	20.91	20.88	22.00
5	64QAM	12	0	19.81	19.95	19.76	21.00
5	64QAM	12	7	19.84	20.01	19.89	21.00
5	64QAM	12	13	19.83	20.02	19.78	21.00
5	64QAM	25	0	19.83	19.92	19.86	21.00
5	256QAM	1	0	17.98	18.09	17.96	19.00
5	256QAM	1	12	17.94	18.09	17.92	19.00
5	256QAM	1	24	17.88	18.03	17.93	19.00
5	256QAM	12	0	17.83	18.01	17.69	19.00
5	256QAM	12	7	17.96	17.90	17.73	19.00
5	256QAM	12	13	17.81	18.00	17.83	19.00
5	256QAM	25	0	17.91	17.96	17.81	19.00
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	20.84	21.01	20.84	22.00
3	QPSK	1	8	20.93	20.89	20.83	22.00
3	QPSK	1	14	20.92	20.87	20.86	22.00
3	QPSK	8	0	20.91	20.98	20.93	22.00
3	QPSK	8	4	20.89	20.96	20.94	22.00
3	QPSK	8	7	20.87	20.89	20.98	22.00
3	QPSK	15	0	20.81	20.97	20.92	22.00
3	16QAM	1	0	20.90	20.97	20.80	22.00
3	16QAM	1	8	20.88	20.87	20.97	22.00
3	16QAM	1	14	20.96	20.92	20.85	22.00
3	16QAM	8	0	20.87	20.84	20.95	22.00
3	16QAM	8	4	20.98	20.89	20.87	22.00
3	16QAM	8	7	20.88	20.88	20.81	22.00
3	16QAM	15	0	20.81	20.93	20.80	22.00
3	64QAM	1	0	20.91	20.84	20.96	22.00
3	64QAM	1	8	20.90	20.86	20.89	22.00
3	64QAM	1	14	20.95	20.85	20.94	22.00
3	64QAM	8	0	19.73	20.00	19.76	21.00
3	64QAM	8	4	19.88	19.93	19.82	21.00
3	64QAM	8	7	19.81	20.02	19.78	21.00
3	64QAM	15	0	19.84	19.91	19.84	21.00
3	256QAM	1	0	17.95	18.02	18.01	19.00

3	256QAM	1	8	17.89	18.11	17.85	19.00
3	256QAM	1	14	17.82	18.02	17.82	19.00
3	256QAM	8	0	17.91	17.88	17.75	19.00
3	256QAM	8	4	17.93	17.93	17.78	19.00
3	256QAM	8	7	17.80	17.92	17.85	19.00
3	256QAM	15	0	17.93	17.95	17.86	19.00
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	20.92	21.05	20.83	22.00
1.4	QPSK	1	3	20.91	20.95	20.86	22.00
1.4	QPSK	1	5	20.90	20.87	20.97	22.00
1.4	QPSK	3	0	20.88	21.02	20.93	22.00
1.4	QPSK	3	1	20.90	20.87	20.94	22.00
1.4	QPSK	3	3	20.91	20.81	20.93	22.00
1.4	QPSK	6	0	20.81	20.98	20.87	22.00
1.4	16QAM	1	0	20.89	20.93	20.85	22.00
1.4	16QAM	1	3	20.91	20.92	20.94	22.00
1.4	16QAM	1	5	20.89	20.88	20.95	22.00
1.4	16QAM	3	0	20.87	20.82	20.84	22.00
1.4	16QAM	3	1	20.88	20.94	20.85	22.00
1.4	16QAM	3	3	20.89	20.93	20.82	22.00
1.4	16QAM	6	0	20.84	20.84	20.78	22.00
1.4	64QAM	1	0	20.91	20.85	20.91	22.00
1.4	64QAM	1	3	20.97	20.94	20.90	22.00
1.4	64QAM	1	5	20.90	20.90	20.94	22.00
1.4	64QAM	3	0	20.78	21.00	20.75	22.00
1.4	64QAM	3	1	20.83	20.98	20.85	22.00
1.4	64QAM	3	3	20.76	21.04	20.71	22.00
1.4	64QAM	6	0	19.90	19.95	19.82	21.00
1.4	256QAM	1	0	17.97	18.12	17.89	19.00
1.4	256QAM	1	3	17.85	18.06	17.95	19.00
1.4	256QAM	1	5	17.85	17.98	17.80	19.00
1.4	256QAM	3	0	17.93	17.99	17.75	19.00
1.4	256QAM	3	1	17.95	17.89	17.75	19.00
1.4	256QAM	3	3	17.83	17.96	17.82	19.00
1.4	256QAM	6	0	17.94	18.01	17.83	19.00

【LTE Band 2_Ant 4_ECI 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	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	14.90	15.08	15.02	16.30
20	QPSK	1	49	14.74	14.91	14.69	16.30
20	QPSK	1	99	14.70	14.90	14.78	16.30
20	QPSK	50	0	14.71	14.94	14.69	16.30
20	QPSK	50	24	14.67	14.91	14.78	16.30
20	QPSK	50	50	14.68	14.91	14.73	16.30
20	QPSK	100	0	14.72	14.91	14.75	16.30
20	16QAM	1	0	14.70	14.94	14.69	16.30
20	16QAM	1	49	14.66	14.91	14.75	16.30
20	16QAM	1	99	14.73	14.96	14.74	16.30
20	16QAM	50	0	14.75	14.91	14.69	16.30
20	16QAM	50	24	14.73	14.97	14.71	16.30
20	16QAM	50	50	14.71	14.94	14.78	16.30
20	16QAM	100	0	14.69	14.97	14.78	16.30
20	64QAM	1	0	14.74	14.92	14.76	16.30
20	64QAM	1	49	14.70	14.96	14.75	16.30
20	64QAM	1	99	14.68	14.93	14.77	16.30
20	64QAM	50	0	14.75	14.90	14.71	16.30
20	64QAM	50	24	14.68	14.94	14.75	16.30
20	64QAM	50	50	14.69	14.97	14.71	16.30
20	64QAM	100	0	14.72	14.92	14.75	16.30
20	256QAM	1	0	14.69	14.94	14.75	16.30
20	256QAM	1	49	14.72	14.96	14.71	16.30
20	256QAM	1	99	14.72	14.95	14.75	16.30
20	256QAM	50	0	14.71	14.92	14.72	16.30
20	256QAM	50	24	14.69	14.93	14.72	16.30
20	256QAM	50	50	14.68	14.96	14.72	16.30
20	256QAM	100	0	14.66	14.97	14.75	16.30
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	

15	QPSK	1	0	14.89	14.94	14.92	16.30
15	QPSK	1	37	14.63	14.87	14.66	16.30
15	QPSK	1	74	14.57	14.79	14.76	16.30
15	QPSK	36	0	14.57	14.83	14.62	16.30
15	QPSK	36	20	14.61	14.79	14.75	16.30
15	QPSK	36	39	14.55	14.77	14.59	16.30
15	QPSK	75	0	14.59	14.80	14.66	16.30
15	16QAM	1	0	14.63	14.80	14.62	16.30
15	16QAM	1	37	14.55	14.78	14.71	16.30
15	16QAM	1	74	14.65	14.85	14.64	16.30
15	16QAM	36	0	14.72	14.79	14.55	16.30
15	16QAM	36	20	14.58	14.84	14.58	16.30
15	16QAM	36	39	14.69	14.92	14.67	16.30
15	16QAM	75	0	14.62	14.95	14.69	16.30
15	64QAM	1	0	14.68	14.80	14.67	16.30
15	64QAM	1	37	14.61	14.81	14.60	16.30
15	64QAM	1	74	14.65	14.86	14.64	16.30
15	64QAM	36	0	14.74	14.75	14.63	16.30
15	64QAM	36	20	14.67	14.80	14.72	16.30
15	64QAM	36	39	14.54	14.90	14.58	16.30
15	64QAM	75	0	14.63	14.87	14.64	16.30
15	256QAM	1	0	14.66	14.89	14.66	16.30
15	256QAM	1	37	14.63	14.83	14.58	16.30
15	256QAM	1	74	14.66	14.90	14.70	16.30
15	256QAM	36	0	14.59	14.83	14.63	16.30
15	256QAM	36	20	14.65	14.91	14.64	16.30
15	256QAM	36	39	14.55	14.93	14.60	16.30
15	256QAM	75	0	14.60	14.96	14.70	16.30
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	14.80	14.97	14.97	16.30
10	QPSK	1	25	14.72	14.85	14.56	16.30
10	QPSK	1	49	14.65	14.88	14.68	16.30
10	QPSK	25	0	14.65	14.84	14.55	16.30
10	QPSK	25	12	14.59	14.89	14.73	16.30
10	QPSK	25	25	14.54	14.88	14.60	16.30
10	QPSK	50	0	14.58	14.81	14.67	16.30
10	16QAM	1	0	14.55	14.88	14.61	16.30
10	16QAM	1	25	14.55	14.86	14.65	16.30
10	16QAM	1	49	14.65	14.94	14.69	16.30
10	16QAM	25	0	14.65	14.85	14.62	16.30
10	16QAM	25	12	14.64	14.82	14.58	16.30
10	16QAM	25	25	14.65	14.87	14.67	16.30
10	16QAM	50	0	14.67	14.91	14.64	16.30
10	64QAM	1	0	14.65	14.91	14.71	16.30
10	64QAM	1	25	14.59	14.85	14.66	16.30
10	64QAM	1	49	14.61	14.85	14.72	16.30
10	64QAM	25	0	14.65	14.84	14.67	16.30
10	64QAM	25	12	14.65	14.83	14.63	16.30
10	64QAM	25	25	14.56	14.86	14.60	16.30
10	64QAM	50	0	14.68	14.83	14.70	16.30
10	256QAM	1	0	14.61	14.85	14.73	16.30
10	256QAM	1	25	14.69	14.86	14.66	16.30
10	256QAM	1	49	14.63	14.88	14.69	16.30
10	256QAM	25	0	14.64	14.81	14.63	16.30
10	256QAM	25	12	14.65	14.92	14.60	16.30
10	256QAM	25	25	14.53	14.93	14.70	16.30
10	256QAM	50	0	14.62	14.84	14.69	16.30
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	14.81	15.00	14.94	16.30
5	QPSK	1	12	14.73	14.80	14.62	16.30
5	QPSK	1	24	14.59	14.84	14.69	16.30
5	QPSK	12	0	14.66	14.82	14.59	16.30
5	QPSK	12	7	14.65	14.86	14.65	16.30
5	QPSK	12	13	14.59	14.84	14.68	16.30
5	QPSK	25	0	14.57	14.82	14.64	16.30
5	16QAM	1	0	14.63	14.80	14.64	16.30
5	16QAM	1	12	14.61	14.85	14.64	16.30
5	16QAM	1	24	14.60	14.87	14.62	16.30
5	16QAM	12	0	14.66	14.89	14.66	16.30
5	16QAM	12	7	14.59	14.89	14.65	16.30
5	16QAM	12	13	14.66	14.93	14.66	16.30
5	16QAM	25	0	14.67	14.83	14.67	16.30
5	64QAM	1	0	14.70	14.82	14.71	16.30
5	64QAM	1	12	14.60	14.85	14.63	16.30
5	64QAM	1	24	14.54	14.91	14.73	16.30
5	64QAM	12	0	14.62	14.88	14.67	16.30

5	64QAM	12	7	14.65	14.87	14.72	16.30
5	64QAM	12	13	14.63	14.82	14.67	16.30
5	64QAM	25	0	14.67	14.82	14.68	16.30
5	256QAM	1	0	14.67	14.90	14.69	16.30
5	256QAM	1	12	14.69	14.81	14.59	16.30
5	256QAM	1	24	14.68	14.94	14.69	16.30
5	256QAM	12	0	14.62	14.81	14.65	16.30
5	256QAM	12	7	14.61	14.79	14.57	16.30
5	256QAM	12	13	14.64	14.85	14.65	16.30
5	256QAM	25	0	14.65	14.89	14.70	16.30
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	14.88	15.05	14.90	16.30
3	QPSK	1	8	14.63	14.82	14.65	16.30
3	QPSK	1	14	14.58	14.87	14.69	16.30
3	QPSK	8	0	14.57	14.89	14.64	16.30
3	QPSK	8	4	14.60	14.87	14.65	16.30
3	QPSK	8	7	14.66	14.87	14.61	16.30
3	QPSK	15	0	14.60	14.87	14.71	16.30
3	16QAM	1	0	14.68	14.89	14.55	16.30
3	16QAM	1	8	14.57	14.80	14.68	16.30
3	16QAM	1	14	14.69	14.83	14.71	16.30
3	16QAM	8	0	14.69	14.78	14.60	16.30
3	16QAM	8	4	14.62	14.90	14.66	16.30
3	16QAM	8	7	14.70	14.80	14.75	16.30
3	16QAM	15	0	14.55	14.93	14.67	16.30
3	64QAM	1	0	14.72	14.79	14.75	16.30
3	64QAM	1	8	14.57	14.87	14.62	16.30
3	64QAM	1	14	14.53	14.85	14.75	16.30
3	64QAM	8	0	14.60	14.82	14.68	16.30
3	64QAM	8	4	14.65	14.92	14.62	16.30
3	64QAM	8	7	14.63	14.86	14.64	16.30
3	64QAM	15	0	14.63	14.81	14.65	16.30
3	256QAM	1	0	14.54	14.83	14.63	16.30
3	256QAM	1	8	14.71	14.86	14.66	16.30
3	256QAM	1	14	14.68	14.88	14.67	16.30
3	256QAM	8	0	14.58	14.81	14.60	16.30
3	256QAM	8	4	14.58	14.89	14.63	16.30
3	256QAM	8	7	14.57	14.95	14.65	16.30
3	256QAM	15	0	14.53	14.92	14.61	16.30
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	14.77	14.98	15.01	16.30
1.4	QPSK	1	3	14.65	14.80	14.61	16.30
1.4	QPSK	1	5	14.67	14.81	14.73	16.30
1.4	QPSK	3	0	14.64	14.85	14.63	16.30
1.4	QPSK	3	1	14.61	14.88	14.73	16.30
1.4	QPSK	3	3	14.54	14.83	14.69	16.30
1.4	QPSK	6	0	14.64	14.81	14.65	16.30
1.4	16QAM	1	0	14.58	14.82	14.59	16.30
1.4	16QAM	1	3	14.56	14.87	14.63	16.30
1.4	16QAM	1	5	14.63	14.87	14.61	16.30
1.4	16QAM	3	0	14.71	14.78	14.65	16.30
1.4	16QAM	3	1	14.64	14.94	14.59	16.30
1.4	16QAM	3	3	14.67	14.85	14.76	16.30
1.4	16QAM	6	0	14.59	14.86	14.69	16.30
1.4	64QAM	1	0	14.59	14.77	14.67	16.30
1.4	64QAM	1	3	14.62	14.94	14.73	16.30
1.4	64QAM	1	5	14.57	14.88	14.63	16.30
1.4	64QAM	3	0	14.73	14.80	14.63	16.30
1.4	64QAM	3	1	14.62	14.79	14.71	16.30
1.4	64QAM	3	3	14.66	14.83	14.67	16.30
1.4	64QAM	6	0	14.62	14.82	14.71	16.30
1.4	256QAM	1	0	14.65	14.90	14.62	16.30
1.4	256QAM	1	3	14.66	14.89	14.57	16.30
1.4	256QAM	1	5	14.67	14.92	14.73	16.30
1.4	256QAM	3	0	14.69	14.81	14.63	16.30
1.4	256QAM	3	1	14.60	14.82	14.62	16.30
1.4	256QAM	3	3	14.63	14.84	14.62	16.30
1.4	256QAM	6	0	14.55	14.90	14.68	16.30

【LTE Band 4_Ant 1_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit
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				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.	(dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	23.04	23.09	22.93	24.00
20	QPSK	1	49	22.89	23.07	22.77	24.00
20	QPSK	1	99	22.89	23.05	22.87	24.00
20	QPSK	50	0	21.93	22.10	21.87	23.00
20	QPSK	50	24	21.97	22.05	21.80	23.00
20	QPSK	50	50	21.87	22.04	21.80	23.00
20	QPSK	100	0	21.87	22.04	21.87	23.00
20	16QAM	1	0	22.04	22.12	21.86	23.00
20	16QAM	1	49	21.94	22.13	21.87	23.00
20	16QAM	1	99	22.06	22.17	22.00	23.00
20	16QAM	50	0	20.92	20.99	20.70	22.00
20	16QAM	50	24	20.90	21.04	20.81	22.00
20	16QAM	50	50	20.88	21.04	20.80	22.00
20	16QAM	100	0	20.89	21.02	20.82	22.00
20	64QAM	1	0	20.88	21.03	20.79	22.00
20	64QAM	1	49	20.88	21.06	20.87	22.00
20	64QAM	1	99	20.94	21.12	20.84	22.00
20	64QAM	50	0	19.86	19.99	19.73	21.00
20	64QAM	50	24	19.88	20.01	19.83	21.00
20	64QAM	50	50	19.92	20.03	19.76	21.00
20	64QAM	100	0	19.88	20.02	19.77	21.00
20	256QAM	1	0	17.87	18.00	17.79	19.00
20	256QAM	1	49	18.07	18.21	18.04	19.00
20	256QAM	1	99	18.01	18.14	17.97	19.00
20	256QAM	50	0	17.83	17.95	17.75	19.00
20	256QAM	50	24	17.96	18.01	17.81	19.00
20	256QAM	50	50	17.89	18.03	17.77	19.00
20	256QAM	100	0	17.91	18.02	17.82	19.00
Channel				20025	20175	20325	Tune-up limit
Frequency (MHz)				1717.5	1732.5	1747.5	(dBm)
15	QPSK	1	0	23.01	22.99	22.87	24.00
15	QPSK	1	37	22.86	23.05	22.76	24.00
15	QPSK	1	74	22.75	22.95	22.84	24.00
15	QPSK	36	0	21.90	21.96	21.78	23.00
15	QPSK	36	20	21.89	21.99	21.76	23.00
15	QPSK	36	39	21.79	21.99	21.74	23.00
15	QPSK	75	0	21.77	22.01	21.81	23.00
15	16QAM	1	0	21.90	22.02	21.78	23.00
15	16QAM	1	37	21.80	22.00	21.86	23.00
15	16QAM	1	74	22.04	22.05	21.98	23.00
15	16QAM	36	0	20.85	20.86	20.55	22.00
15	16QAM	36	20	20.81	21.00	20.70	22.00
15	16QAM	36	39	20.85	21.02	20.74	22.00
15	16QAM	75	0	20.87	20.90	20.75	22.00
15	64QAM	1	0	20.75	21.00	20.69	22.00
15	64QAM	1	37	20.82	21.04	20.75	22.00
15	64QAM	1	74	20.90	20.99	20.72	22.00
15	64QAM	36	0	19.77	19.90	19.67	21.00
15	64QAM	36	20	19.75	19.96	19.68	21.00
15	64QAM	36	39	19.89	19.95	19.65	21.00
15	64QAM	75	0	19.81	19.92	19.67	21.00
15	256QAM	1	0	17.74	17.89	17.68	19.00
15	256QAM	1	37	18.01	18.06	17.97	19.00
15	256QAM	1	74	17.99	18.05	17.94	19.00
15	256QAM	36	0	17.70	17.86	17.68	19.00
15	256QAM	36	20	17.91	17.92	17.71	19.00
15	256QAM	36	39	17.83	17.91	17.67	19.00
15	256QAM	75	0	17.84	18.00	17.72	19.00
Channel				20000	20175	20350	Tune-up limit
Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	22.89	23.05	22.85	24.00
10	QPSK	1	25	22.83	22.93	22.69	24.00
10	QPSK	1	49	22.85	22.92	22.85	24.00
10	QPSK	25	0	21.89	22.02	21.74	23.00
10	QPSK	25	12	21.89	22.01	21.76	23.00
10	QPSK	25	25	21.81	21.94	21.75	23.00
10	QPSK	50	0	21.82	21.99	21.77	23.00
10	16QAM	1	0	21.91	22.02	21.83	23.00
10	16QAM	1	25	21.79	22.08	21.73	23.00
10	16QAM	1	49	21.95	22.14	21.96	23.00
10	16QAM	25	0	20.80	20.92	20.60	22.00
10	16QAM	25	12	20.78	20.95	20.66	22.00
10	16QAM	25	25	20.74	20.93	20.65	22.00
10	16QAM	50	0	20.75	21.00	20.68	22.00

10	64QAM	1	0	20.75	20.93	20.77	22.00
10	64QAM	1	25	20.80	21.02	20.81	22.00
10	64QAM	1	49	20.92	21.02	20.78	22.00
10	64QAM	25	0	19.83	19.88	19.66	21.00
10	64QAM	25	12	19.80	19.97	19.72	21.00
10	64QAM	25	25	19.81	19.93	19.66	21.00
10	64QAM	50	0	19.74	19.95	19.63	21.00
10	256QAM	1	0	17.73	17.92	17.71	19.00
10	256QAM	1	25	18.00	18.07	17.93	19.00
10	256QAM	1	49	17.95	18.09	17.92	19.00
10	256QAM	25	0	17.79	17.81	17.66	19.00
10	256QAM	25	12	17.89	17.91	17.75	19.00
10	256QAM	25	25	17.75	17.94	17.74	19.00
10	256QAM	50	0	17.77	17.88	17.72	19.00
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	22.95	23.03	22.79	24.00
5	QPSK	1	12	22.85	22.96	22.73	24.00
5	QPSK	1	24	22.86	23.01	22.84	24.00
5	QPSK	12	0	21.89	22.06	21.75	23.00
5	QPSK	12	7	21.94	21.91	21.69	23.00
5	QPSK	12	13	21.79	21.95	21.72	23.00
5	QPSK	25	0	21.85	21.93	21.77	23.00
5	16QAM	1	0	21.96	22.11	21.78	23.00
5	16QAM	1	12	21.90	22.03	21.80	23.00
5	16QAM	1	24	21.92	22.07	21.86	23.00
5	16QAM	12	0	20.85	20.94	20.59	22.00
5	16QAM	12	7	20.79	20.92	20.67	22.00
5	16QAM	12	13	20.84	21.02	20.79	22.00
5	16QAM	25	0	20.83	20.88	20.81	22.00
5	64QAM	1	0	20.81	20.95	20.67	22.00
5	64QAM	1	12	20.86	20.97	20.82	22.00
5	64QAM	1	24	20.85	21.10	20.81	22.00
5	64QAM	12	0	19.73	19.93	19.64	21.00
5	64QAM	12	7	19.79	19.86	19.71	21.00
5	64QAM	12	13	19.84	19.95	19.66	21.00
5	64QAM	25	0	19.81	19.95	19.73	21.00
5	256QAM	1	0	17.79	17.92	17.74	19.00
5	256QAM	1	12	18.03	18.13	17.89	19.00
5	256QAM	1	24	17.89	18.00	17.87	19.00
5	256QAM	12	0	17.69	17.87	17.65	19.00
5	256QAM	12	7	17.83	17.86	17.70	19.00
5	256QAM	12	13	17.88	17.91	17.65	19.00
5	256QAM	25	0	17.90	17.87	17.80	19.00
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	22.99	22.98	22.90	24.00
3	QPSK	1	8	22.82	22.95	22.75	24.00
3	QPSK	1	14	22.77	23.01	22.73	24.00
3	QPSK	8	0	21.87	22.00	21.78	23.00
3	QPSK	8	4	21.84	21.93	21.77	23.00
3	QPSK	8	7	21.85	21.97	21.71	23.00
3	QPSK	15	0	21.82	21.99	21.75	23.00
3	16QAM	1	0	21.91	21.99	21.78	23.00
3	16QAM	1	8	21.81	22.05	21.84	23.00
3	16QAM	1	14	22.04	22.04	21.87	23.00
3	16QAM	8	0	20.78	20.97	20.66	22.00
3	16QAM	8	4	20.75	21.00	20.78	22.00
3	16QAM	8	7	20.83	20.99	20.73	22.00
3	16QAM	15	0	20.78	20.94	20.74	22.00
3	64QAM	1	0	20.80	20.96	20.66	22.00
3	64QAM	1	8	20.86	21.03	20.86	22.00
3	64QAM	1	14	20.86	21.05	20.71	22.00
3	64QAM	8	0	19.79	19.97	19.70	21.00
3	64QAM	8	4	19.82	19.87	19.81	21.00
3	64QAM	8	7	19.83	19.95	19.72	21.00
3	64QAM	15	0	19.77	19.93	19.72	21.00
3	256QAM	1	0	17.80	17.91	17.67	19.00
3	256QAM	1	8	17.94	18.16	17.89	19.00
3	256QAM	1	14	17.95	18.03	17.88	19.00
3	256QAM	8	0	17.82	17.83	17.61	19.00
3	256QAM	8	4	17.83	17.87	17.77	19.00
3	256QAM	8	7	17.88	17.98	17.73	19.00
3	256QAM	15	0	17.85	17.99	17.71	19.00
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	23.00	22.99	22.83	24.00
1.4	QPSK	1	3	22.88	23.03	22.67	24.00

1.4	QPSK	1	5	22.74	23.03	22.86	24.00
1.4	QPSK	3	0	22.82	23.06	22.75	24.00
1.4	QPSK	3	1	22.91	22.94	22.67	24.00
1.4	QPSK	3	3	22.74	22.99	22.71	24.00
1.4	QPSK	6	0	21.73	21.90	21.82	23.00
1.4	16QAM	1	0	22.03	22.10	21.75	23.00
1.4	16QAM	1	3	21.89	22.07	21.76	23.00
1.4	16QAM	1	5	22.04	22.05	21.96	23.00
1.4	16QAM	3	0	21.78	21.96	21.67	23.00
1.4	16QAM	3	1	21.84	22.01	21.69	23.00
1.4	16QAM	3	3	21.73	21.90	21.71	23.00
1.4	16QAM	6	0	20.82	20.96	20.80	22.00
1.4	64QAM	1	0	20.82	20.90	20.66	22.00
1.4	64QAM	1	3	20.74	21.05	20.85	22.00
1.4	64QAM	1	5	20.85	20.99	20.82	22.00
1.4	64QAM	3	0	20.72	20.94	20.65	22.00
1.4	64QAM	3	1	20.74	20.93	20.77	22.00
1.4	64QAM	3	3	20.80	20.91	20.70	22.00
1.4	64QAM	6	0	19.79	19.87	19.64	21.00
1.4	256QAM	1	0	17.83	17.93	17.73	19.00
1.4	256QAM	1	3	17.94	18.17	17.98	19.00
1.4	256QAM	1	5	17.93	18.08	17.95	19.00
1.4	256QAM	3	0	17.81	17.90	17.68	19.00
1.4	256QAM	3	1	17.92	17.93	17.68	19.00
1.4	256QAM	3	3	17.76	17.98	17.64	19.00
1.4	256QAM	6	0	17.80	17.95	17.76	19.00

【LTE Band 4_Ant 1_Full Power-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	Tune-up limit (dBm)
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	23.01	23.03	22.96	24.00
20	QPSK	1	49	22.77	22.94	22.74	24.00
20	QPSK	1	99	22.76	23.00	22.78	24.00
20	QPSK	50	0	21.90	22.03	21.94	23.00
20	QPSK	50	24	21.94	21.98	21.76	23.00
20	QPSK	50	50	21.77	21.97	21.82	23.00
20	QPSK	100	0	21.81	21.91	21.76	23.00
20	16QAM	1	0	21.86	22.04	21.96	23.00
20	16QAM	1	49	21.87	21.98	21.84	23.00
20	16QAM	1	99	21.89	22.00	21.84	23.00
20	16QAM	50	0	20.83	21.02	20.89	22.00
20	16QAM	50	24	20.83	21.03	20.73	22.00
20	16QAM	50	50	20.92	21.01	20.88	22.00
20	16QAM	100	0	20.96	21.06	20.84	22.00
20	64QAM	1	0	20.83	20.96	20.85	22.00
20	64QAM	1	49	20.87	20.97	20.83	22.00
20	64QAM	1	99	20.83	20.98	20.88	22.00
20	64QAM	50	0	19.87	19.96	19.84	21.00
20	64QAM	50	24	19.78	19.94	19.76	21.00
20	64QAM	50	50	19.86	20.01	19.87	21.00
20	64QAM	100	0	19.87	20.05	19.88	21.00
20	256QAM	1	0	17.72	17.92	17.84	19.00
20	256QAM	1	49	17.73	17.99	17.77	19.00
20	256QAM	1	99	17.74	17.98	17.85	19.00
20	256QAM	50	0	17.79	17.86	17.76	19.00
20	256QAM	50	24	17.87	17.96	17.90	19.00
20	256QAM	50	50	17.80	17.93	17.78	19.00
20	256QAM	100	0	17.69	17.90	17.79	19.00
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	22.86	23.02	22.91	24.00
15	QPSK	1	37	22.73	22.82	22.61	24.00
15	QPSK	1	74	22.73	22.96	22.73	24.00
15	QPSK	36	0	21.78	21.98	21.91	23.00
15	QPSK	36	20	21.84	21.91	21.65	23.00
15	QPSK	36	39	21.72	21.86	21.81	23.00
15	QPSK	75	0	21.78	21.80	21.74	23.00
15	16QAM	1	0	21.82	21.92	21.82	23.00
15	16QAM	1	37	21.76	21.87	21.69	23.00
15	16QAM	1	74	21.76	21.89	21.81	23.00

15	16QAM	36	0	20.69	21.00	20.75	22.00
15	16QAM	36	20	20.79	20.98	20.66	22.00
15	16QAM	36	39	20.90	20.97	20.79	22.00
15	16QAM	75	0	20.83	21.03	20.69	22.00
15	64QAM	1	0	20.75	20.82	20.76	22.00
15	64QAM	1	37	20.77	20.89	20.81	22.00
15	64QAM	1	74	20.72	20.91	20.77	22.00
15	64QAM	36	0	19.86	19.94	19.82	21.00
15	64QAM	36	20	19.68	19.89	19.75	21.00
15	64QAM	36	39	19.79	19.95	19.76	21.00
15	64QAM	75	0	19.74	20.03	19.80	21.00
15	256QAM	1	0	17.68	17.78	17.79	19.00
15	256QAM	1	37	17.63	17.89	17.67	19.00
15	256QAM	1	74	17.64	17.90	17.74	19.00
15	256QAM	36	0	17.77	17.82	17.68	19.00
15	256QAM	36	20	17.81	17.86	17.77	19.00
15	256QAM	36	39	17.74	17.79	17.74	19.00
15	256QAM	75	0	17.65	17.84	17.76	19.00
Channel				20000	20175	20350	Tune-up limit
Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	22.87	22.90	22.82	24.00
10	QPSK	1	25	22.64	22.89	22.61	24.00
10	QPSK	1	49	22.69	22.89	22.63	24.00
10	QPSK	25	0	21.84	21.89	21.82	23.00
10	QPSK	25	12	21.89	21.94	21.67	23.00
10	QPSK	25	25	21.71	21.83	21.75	23.00
10	QPSK	50	0	21.77	21.77	21.71	23.00
10	16QAM	1	0	21.73	21.92	21.82	23.00
10	16QAM	1	25	21.73	21.87	21.79	23.00
10	16QAM	1	49	21.86	21.90	21.77	23.00
10	16QAM	25	0	20.76	20.92	20.80	22.00
10	16QAM	25	12	20.70	20.93	20.58	22.00
10	16QAM	25	25	20.78	20.99	20.77	22.00
10	16QAM	50	0	20.81	21.02	20.70	22.00
10	64QAM	1	0	20.79	20.90	20.73	22.00
10	64QAM	1	25	20.74	20.86	20.79	22.00
10	64QAM	1	49	20.77	20.93	20.73	22.00
10	64QAM	25	0	19.77	19.93	19.77	21.00
10	64QAM	25	12	19.63	19.88	19.71	21.00
10	64QAM	25	25	19.78	19.90	19.73	21.00
10	64QAM	50	0	19.77	19.97	19.80	21.00
10	256QAM	1	0	17.61	17.78	17.77	19.00
10	256QAM	1	25	17.59	17.93	17.69	19.00
10	256QAM	1	49	17.63	17.91	17.79	19.00
10	256QAM	25	0	17.71	17.77	17.62	19.00
10	256QAM	25	12	17.74	17.89	17.85	19.00
10	256QAM	25	25	17.68	17.80	17.76	19.00
10	256QAM	50	0	17.55	17.82	17.67	19.00
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	22.99	22.91	22.82	24.00
5	QPSK	1	12	22.64	22.89	22.67	24.00
5	QPSK	1	24	22.67	22.97	22.63	24.00
5	QPSK	12	0	21.87	21.89	21.91	23.00
5	QPSK	12	7	21.81	21.91	21.73	23.00
5	QPSK	12	13	21.68	21.93	21.74	23.00
5	QPSK	25	0	21.69	21.78	21.71	23.00
5	16QAM	1	0	21.82	21.97	21.93	23.00
5	16QAM	1	12	21.74	21.89	21.80	23.00
5	16QAM	1	24	21.75	21.86	21.74	23.00
5	16QAM	12	0	20.73	21.00	20.87	22.00
5	16QAM	12	7	20.73	20.98	20.65	22.00
5	16QAM	12	13	20.84	21.00	20.85	22.00
5	16QAM	25	0	20.89	21.03	20.77	22.00
5	64QAM	1	0	20.72	20.81	20.76	22.00
5	64QAM	1	12	20.84	20.88	20.71	22.00
5	64QAM	1	24	20.75	20.88	20.80	22.00
5	64QAM	12	0	19.77	19.86	19.69	21.00
5	64QAM	12	7	19.70	19.80	19.69	21.00
5	64QAM	12	13	19.78	19.87	19.81	21.00
5	64QAM	25	0	19.83	19.92	19.74	21.00
5	256QAM	1	0	17.57	17.82	17.69	19.00
5	256QAM	1	12	17.61	17.97	17.74	19.00
5	256QAM	1	24	17.63	17.86	17.75	19.00
5	256QAM	12	0	17.66	17.83	17.64	19.00
5	256QAM	12	7	17.86	17.90	17.82	19.00
5	256QAM	12	13	17.73	17.79	17.64	19.00
5	256QAM	25	0	17.65	17.82	17.65	19.00

Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	22.96	22.92	22.83	24.00
3	QPSK	1	8	22.62	22.86	22.66	24.00
3	QPSK	1	14	22.70	22.94	22.74	24.00
3	QPSK	8	0	21.88	21.95	21.84	23.00
3	QPSK	8	4	21.86	21.87	21.70	23.00
3	QPSK	8	7	21.69	21.92	21.71	23.00
3	QPSK	15	0	21.76	21.83	21.73	23.00
3	16QAM	1	0	21.76	22.00	21.82	23.00
3	16QAM	1	8	21.78	21.86	21.70	23.00
3	16QAM	1	14	21.76	21.96	21.74	23.00
3	16QAM	8	0	20.78	20.94	20.76	22.00
3	16QAM	8	4	20.73	21.00	20.66	22.00
3	16QAM	8	7	20.84	20.87	20.76	22.00
3	16QAM	15	0	20.92	20.95	20.72	22.00
3	64QAM	1	0	20.80	20.92	20.84	22.00
3	64QAM	1	8	20.82	20.92	20.76	22.00
3	64QAM	1	14	20.71	20.85	20.76	22.00
3	64QAM	8	0	19.81	19.88	19.69	21.00
3	64QAM	8	4	19.74	19.80	19.74	21.00
3	64QAM	8	7	19.75	19.99	19.78	21.00
3	64QAM	15	0	19.81	19.98	19.83	21.00
3	256QAM	1	0	17.66	17.89	17.83	19.00
3	256QAM	1	8	17.65	17.93	17.69	19.00
3	256QAM	1	14	17.67	17.85	17.80	19.00
3	256QAM	8	0	17.72	17.85	17.64	19.00
3	256QAM	8	4	17.85	17.86	17.80	19.00
3	256QAM	8	7	17.65	17.80	17.75	19.00
3	256QAM	15	0	17.59	17.88	17.76	19.00
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	22.97	22.88	22.93	24.00
1.4	QPSK	1	3	22.67	22.93	22.72	24.00
1.4	QPSK	1	5	22.69	22.98	22.73	24.00
1.4	QPSK	3	0	22.80	22.95	22.81	24.00
1.4	QPSK	3	1	22.88	22.91	22.71	24.00
1.4	QPSK	3	3	22.68	22.84	22.76	24.00
1.4	QPSK	6	0	21.74	21.89	21.69	23.00
1.4	16QAM	1	0	21.74	21.93	21.82	23.00
1.4	16QAM	1	3	21.74	21.94	21.74	23.00
1.4	16QAM	1	5	21.85	21.88	21.78	23.00
1.4	16QAM	3	0	21.81	21.93	21.78	23.00
1.4	16QAM	3	1	21.78	21.92	21.62	23.00
1.4	16QAM	3	3	21.86	21.99	21.82	23.00
1.4	16QAM	6	0	20.89	21.05	20.77	22.00
1.4	64QAM	1	0	20.80	20.94	20.75	22.00
1.4	64QAM	1	3	20.83	20.89	20.81	22.00
1.4	64QAM	1	5	20.76	20.93	20.78	22.00
1.4	64QAM	3	0	20.79	20.85	20.77	22.00
1.4	64QAM	3	1	20.72	20.80	20.68	22.00
1.4	64QAM	3	3	20.74	20.96	20.81	22.00
1.4	64QAM	6	0	19.78	19.90	19.86	21.00
1.4	256QAM	1	0	17.64	17.88	17.83	19.00
1.4	256QAM	1	3	17.59	17.92	17.67	19.00
1.4	256QAM	1	5	17.69	17.84	17.76	19.00
1.4	256QAM	3	0	17.67	17.72	17.68	19.00
1.4	256QAM	3	1	17.78	17.86	17.86	19.00
1.4	256QAM	3	3	17.75	17.87	17.65	19.00
1.4	256QAM	6	0	17.57	17.79	17.76	19.00

【LTE Band 4_Ant 1_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	23.04	23.09	22.93	24.00
20	QPSK	1	49	22.89	23.07	22.77	24.00
20	QPSK	1	99	22.89	23.05	22.87	24.00
20	QPSK	50	0	21.93	22.10	21.87	23.00
20	QPSK	50	24	21.97	22.05	21.80	23.00
20	QPSK	50	50	21.87	22.04	21.80	23.00

20	QPSK	100	0	21.87	22.04	21.87	23.00
20	16QAM	1	0	22.04	22.12	21.86	23.00
20	16QAM	1	49	21.94	22.13	21.87	23.00
20	16QAM	1	99	22.06	22.17	22.00	23.00
20	16QAM	50	0	20.92	20.99	20.70	22.00
20	16QAM	50	24	20.90	21.04	20.81	22.00
20	16QAM	50	50	20.88	21.04	20.80	22.00
20	16QAM	100	0	20.89	21.02	20.82	22.00
20	64QAM	1	0	20.88	21.03	20.79	22.00
20	64QAM	1	49	20.88	21.06	20.87	22.00
20	64QAM	1	99	20.94	21.12	20.84	22.00
20	64QAM	50	0	19.86	19.99	19.73	21.00
20	64QAM	50	24	19.88	20.01	19.83	21.00
20	64QAM	50	50	19.92	20.03	19.76	21.00
20	64QAM	100	0	19.88	20.02	19.77	21.00
20	256QAM	1	0	17.87	18.00	17.79	19.00
20	256QAM	1	49	18.07	18.21	18.04	19.00
20	256QAM	1	99	18.01	18.14	17.97	19.00
20	256QAM	50	0	17.83	17.95	17.75	19.00
20	256QAM	50	24	17.96	18.01	17.81	19.00
20	256QAM	50	50	17.89	18.03	17.77	19.00
20	256QAM	100	0	17.91	18.02	17.82	19.00
Channel				20025	20175	20325	Tune-up limit
Frequency (MHz)				1717.5	1732.5	1747.5	(dBm)
15	QPSK	1	0	23.01	22.99	22.87	24.00
15	QPSK	1	37	22.86	23.05	22.76	24.00
15	QPSK	1	74	22.75	22.95	22.84	24.00
15	QPSK	36	0	21.90	21.96	21.78	23.00
15	QPSK	36	20	21.89	21.99	21.76	23.00
15	QPSK	36	39	21.79	21.99	21.74	23.00
15	QPSK	75	0	21.77	22.01	21.81	23.00
15	16QAM	1	0	21.90	22.02	21.78	23.00
15	16QAM	1	37	21.80	22.00	21.86	23.00
15	16QAM	1	74	22.04	22.05	21.98	23.00
15	16QAM	36	0	20.85	20.86	20.55	22.00
15	16QAM	36	20	20.81	21.00	20.70	22.00
15	16QAM	36	39	20.85	21.02	20.74	22.00
15	16QAM	75	0	20.87	20.90	20.75	22.00
15	64QAM	1	0	20.75	21.00	20.69	22.00
15	64QAM	1	37	20.82	21.04	20.75	22.00
15	64QAM	1	74	20.90	20.99	20.72	22.00
15	64QAM	36	0	19.77	19.90	19.67	21.00
15	64QAM	36	20	19.75	19.96	19.68	21.00
15	64QAM	36	39	19.89	19.95	19.65	21.00
15	64QAM	75	0	19.81	19.92	19.67	21.00
15	256QAM	1	0	17.74	17.89	17.68	19.00
15	256QAM	1	37	18.01	18.06	17.97	19.00
15	256QAM	1	74	17.99	18.05	17.94	19.00
15	256QAM	36	0	17.70	17.86	17.68	19.00
15	256QAM	36	20	17.91	17.92	17.71	19.00
15	256QAM	36	39	17.83	17.91	17.67	19.00
15	256QAM	75	0	17.84	18.00	17.72	19.00
Channel				20000	20175	20350	Tune-up limit
Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	22.89	23.05	22.85	24.00
10	QPSK	1	25	22.83	22.93	22.69	24.00
10	QPSK	1	49	22.85	22.92	22.85	24.00
10	QPSK	25	0	21.89	22.02	21.74	23.00
10	QPSK	25	12	21.89	22.01	21.76	23.00
10	QPSK	25	25	21.81	21.94	21.75	23.00
10	QPSK	50	0	21.82	21.99	21.77	23.00
10	16QAM	1	0	21.91	22.02	21.83	23.00
10	16QAM	1	25	21.79	22.08	21.73	23.00
10	16QAM	1	49	21.95	22.14	21.96	23.00
10	16QAM	25	0	20.80	20.92	20.60	22.00
10	16QAM	25	12	20.78	20.95	20.66	22.00
10	16QAM	25	25	20.74	20.93	20.65	22.00
10	16QAM	50	0	20.75	21.00	20.68	22.00
10	64QAM	1	0	20.75	20.93	20.77	22.00
10	64QAM	1	25	20.80	21.02	20.81	22.00
10	64QAM	1	49	20.92	21.02	20.78	22.00
10	64QAM	25	0	19.83	19.88	19.66	21.00
10	64QAM	25	12	19.80	19.97	19.72	21.00
10	64QAM	25	25	19.81	19.93	19.66	21.00
10	64QAM	50	0	19.74	19.95	19.63	21.00
10	256QAM	1	0	17.73	17.92	17.71	19.00
10	256QAM	1	25	18.00	18.07	17.93	19.00
10	256QAM	1	49	17.95	18.09	17.92	19.00

10	256QAM	25	0	17.79	17.81	17.66	19.00
10	256QAM	25	12	17.89	17.91	17.75	19.00
10	256QAM	25	25	17.75	17.94	17.74	19.00
10	256QAM	50	0	17.77	17.88	17.72	19.00
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	22.95	23.03	22.79	24.00
5	QPSK	1	12	22.85	22.96	22.73	24.00
5	QPSK	1	24	22.86	23.01	22.84	24.00
5	QPSK	12	0	21.89	22.06	21.75	23.00
5	QPSK	12	7	21.94	21.91	21.69	23.00
5	QPSK	12	13	21.79	21.95	21.72	23.00
5	QPSK	25	0	21.85	21.93	21.77	23.00
5	16QAM	1	0	21.96	22.11	21.78	23.00
5	16QAM	1	12	21.90	22.03	21.80	23.00
5	16QAM	1	24	21.92	22.07	21.86	23.00
5	16QAM	12	0	20.85	20.94	20.59	22.00
5	16QAM	12	7	20.79	20.92	20.67	22.00
5	16QAM	12	13	20.84	21.02	20.79	22.00
5	16QAM	25	0	20.83	20.88	20.81	22.00
5	64QAM	1	0	20.81	20.95	20.67	22.00
5	64QAM	1	12	20.86	20.97	20.82	22.00
5	64QAM	1	24	20.85	21.10	20.81	22.00
5	64QAM	12	0	19.73	19.93	19.64	21.00
5	64QAM	12	7	19.79	19.86	19.71	21.00
5	64QAM	12	13	19.84	19.95	19.66	21.00
5	64QAM	25	0	19.81	19.95	19.73	21.00
5	256QAM	1	0	17.79	17.92	17.74	19.00
5	256QAM	1	12	18.03	18.13	17.89	19.00
5	256QAM	1	24	17.89	18.00	17.87	19.00
5	256QAM	12	0	17.69	17.87	17.65	19.00
5	256QAM	12	7	17.83	17.86	17.70	19.00
5	256QAM	12	13	17.88	17.91	17.65	19.00
5	256QAM	25	0	17.90	17.87	17.80	19.00
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	22.99	22.98	22.90	24.00
3	QPSK	1	8	22.82	22.95	22.75	24.00
3	QPSK	1	14	22.77	23.01	22.73	24.00
3	QPSK	8	0	21.87	22.00	21.78	23.00
3	QPSK	8	4	21.84	21.93	21.77	23.00
3	QPSK	8	7	21.85	21.97	21.71	23.00
3	QPSK	15	0	21.82	21.99	21.75	23.00
3	16QAM	1	0	21.91	21.99	21.78	23.00
3	16QAM	1	8	21.81	22.05	21.84	23.00
3	16QAM	1	14	22.04	22.04	21.87	23.00
3	16QAM	8	0	20.78	20.97	20.66	22.00
3	16QAM	8	4	20.75	21.00	20.78	22.00
3	16QAM	8	7	20.83	20.99	20.73	22.00
3	16QAM	15	0	20.78	20.94	20.74	22.00
3	64QAM	1	0	20.80	20.96	20.66	22.00
3	64QAM	1	8	20.86	21.03	20.86	22.00
3	64QAM	1	14	20.86	21.05	20.71	22.00
3	64QAM	8	0	19.79	19.97	19.70	21.00
3	64QAM	8	4	19.82	19.87	19.81	21.00
3	64QAM	8	7	19.83	19.95	19.72	21.00
3	64QAM	15	0	19.77	19.93	19.72	21.00
3	256QAM	1	0	17.80	17.91	17.67	19.00
3	256QAM	1	8	17.94	18.16	17.89	19.00
3	256QAM	1	14	17.95	18.03	17.88	19.00
3	256QAM	8	0	17.82	17.83	17.61	19.00
3	256QAM	8	4	17.83	17.87	17.77	19.00
3	256QAM	8	7	17.88	17.98	17.73	19.00
3	256QAM	15	0	17.85	17.99	17.71	19.00
Channel				19957	20175	20393	Tune-up limit
Frequency (MHz)				1710.7	1732.5	1754.3	(dBm)
1.4	QPSK	1	0	23.00	22.99	22.83	24.00
1.4	QPSK	1	3	22.88	23.03	22.67	24.00
1.4	QPSK	1	5	22.74	23.03	22.86	24.00
1.4	QPSK	3	0	22.82	23.06	22.75	24.00
1.4	QPSK	3	1	22.91	22.94	22.67	24.00
1.4	QPSK	3	3	22.74	22.99	22.71	24.00
1.4	QPSK	6	0	21.73	21.90	21.82	23.00
1.4	16QAM	1	0	22.03	22.10	21.75	23.00
1.4	16QAM	1	3	21.89	22.07	21.76	23.00
1.4	16QAM	1	5	22.04	22.05	21.96	23.00
1.4	16QAM	3	0	21.78	21.96	21.67	23.00
1.4	16QAM	3	1	21.84	22.01	21.69	23.00

1.4	16QAM	3	3	21.73	21.90	21.71	23.00
1.4	16QAM	6	0	20.82	20.96	20.80	22.00
1.4	64QAM	1	0	20.82	20.90	20.66	22.00
1.4	64QAM	1	3	20.74	21.05	20.85	22.00
1.4	64QAM	1	5	20.85	20.99	20.82	22.00
1.4	64QAM	3	0	20.72	20.94	20.65	22.00
1.4	64QAM	3	1	20.74	20.93	20.77	22.00
1.4	64QAM	3	3	20.80	20.91	20.70	22.00
1.4	64QAM	6	0	19.79	19.87	19.64	21.00
1.4	256QAM	1	0	17.83	17.93	17.73	19.00
1.4	256QAM	1	3	17.94	18.17	17.98	19.00
1.4	256QAM	1	5	17.93	18.08	17.95	19.00
1.4	256QAM	3	0	17.81	17.90	17.68	19.00
1.4	256QAM	3	1	17.92	17.93	17.68	19.00
1.4	256QAM	3	3	17.76	17.98	17.64	19.00
1.4	256QAM	6	0	17.80	17.95	17.76	19.00

【LTE Band 4_Ant 1_ECI 2-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	23.01	23.03	22.96	24.00
20	QPSK	1	49	22.77	22.94	22.74	24.00
20	QPSK	1	99	22.76	23.00	22.78	24.00
20	QPSK	50	0	21.90	22.03	21.94	23.00
20	QPSK	50	24	21.94	21.98	21.76	23.00
20	QPSK	50	50	21.77	21.97	21.82	23.00
20	QPSK	100	0	21.81	21.91	21.76	23.00
20	16QAM	1	0	21.86	22.04	21.96	23.00
20	16QAM	1	49	21.87	21.98	21.84	23.00
20	16QAM	1	99	21.89	22.00	21.84	23.00
20	16QAM	50	0	20.83	21.02	20.89	22.00
20	16QAM	50	24	20.83	21.03	20.73	22.00
20	16QAM	50	50	20.92	21.01	20.88	22.00
20	16QAM	100	0	20.96	21.06	20.84	22.00
20	64QAM	1	0	20.83	20.96	20.85	22.00
20	64QAM	1	49	20.87	20.97	20.83	22.00
20	64QAM	1	99	20.83	20.98	20.88	22.00
20	64QAM	50	0	19.87	19.96	19.84	21.00
20	64QAM	50	24	19.78	19.94	19.76	21.00
20	64QAM	50	50	19.86	20.01	19.87	21.00
20	64QAM	100	0	19.87	20.05	19.88	21.00
20	256QAM	1	0	17.72	17.92	17.84	19.00
20	256QAM	1	49	17.73	17.99	17.77	19.00
20	256QAM	1	99	17.74	17.98	17.85	19.00
20	256QAM	50	0	17.79	17.86	17.76	19.00
20	256QAM	50	24	17.87	17.96	17.90	19.00
20	256QAM	50	50	17.80	17.93	17.78	19.00
20	256QAM	100	0	17.69	17.90	17.79	19.00
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	22.86	23.02	22.91	24.00
15	QPSK	1	37	22.73	22.82	22.61	24.00
15	QPSK	1	74	22.73	22.96	22.73	24.00
15	QPSK	36	0	21.78	21.98	21.91	23.00
15	QPSK	36	20	21.84	21.91	21.65	23.00
15	QPSK	36	39	21.72	21.86	21.81	23.00
15	QPSK	75	0	21.78	21.80	21.74	23.00
15	16QAM	1	0	21.82	21.92	21.82	23.00
15	16QAM	1	37	21.76	21.87	21.69	23.00
15	16QAM	1	74	21.76	21.89	21.81	23.00
15	16QAM	36	0	20.69	21.00	20.75	22.00
15	16QAM	36	20	20.79	20.98	20.66	22.00
15	16QAM	36	39	20.90	20.97	20.79	22.00
15	16QAM	75	0	20.83	21.03	20.69	22.00
15	64QAM	1	0	20.75	20.82	20.76	22.00
15	64QAM	1	37	20.77	20.89	20.81	22.00
15	64QAM	1	74	20.72	20.91	20.77	22.00
15	64QAM	36	0	19.86	19.94	19.82	21.00
15	64QAM	36	20	19.68	19.89	19.75	21.00
15	64QAM	36	39	19.79	19.95	19.76	21.00

15	64QAM	75	0	19.74	20.03	19.80	21.00
15	256QAM	1	0	17.68	17.78	17.79	19.00
15	256QAM	1	37	17.63	17.89	17.67	19.00
15	256QAM	1	74	17.64	17.90	17.74	19.00
15	256QAM	36	0	17.77	17.82	17.68	19.00
15	256QAM	36	20	17.81	17.86	17.77	19.00
15	256QAM	36	39	17.74	17.79	17.74	19.00
15	256QAM	75	0	17.65	17.84	17.76	19.00
Channel				20000	20175	20350	Tune-up limit
Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	22.87	22.90	22.82	24.00
10	QPSK	1	25	22.64	22.89	22.61	24.00
10	QPSK	1	49	22.69	22.89	22.63	24.00
10	QPSK	25	0	21.84	21.89	21.82	23.00
10	QPSK	25	12	21.89	21.94	21.67	23.00
10	QPSK	25	25	21.71	21.83	21.75	23.00
10	QPSK	50	0	21.77	21.77	21.71	23.00
10	16QAM	1	0	21.73	21.92	21.82	23.00
10	16QAM	1	25	21.73	21.87	21.79	23.00
10	16QAM	1	49	21.86	21.90	21.77	23.00
10	16QAM	25	0	20.76	20.92	20.80	22.00
10	16QAM	25	12	20.70	20.93	20.58	22.00
10	16QAM	25	25	20.78	20.99	20.77	22.00
10	16QAM	50	0	20.81	21.02	20.70	22.00
10	64QAM	1	0	20.79	20.90	20.73	22.00
10	64QAM	1	25	20.74	20.86	20.79	22.00
10	64QAM	1	49	20.77	20.93	20.73	22.00
10	64QAM	25	0	19.77	19.93	19.77	21.00
10	64QAM	25	12	19.63	19.88	19.71	21.00
10	64QAM	25	25	19.78	19.90	19.73	21.00
10	64QAM	50	0	19.77	19.97	19.80	21.00
10	256QAM	1	0	17.61	17.78	17.77	19.00
10	256QAM	1	25	17.59	17.93	17.69	19.00
10	256QAM	1	49	17.63	17.91	17.79	19.00
10	256QAM	25	0	17.71	17.77	17.62	19.00
10	256QAM	25	12	17.74	17.89	17.85	19.00
10	256QAM	25	25	17.68	17.80	17.76	19.00
10	256QAM	50	0	17.55	17.82	17.67	19.00
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	22.99	22.91	22.82	24.00
5	QPSK	1	12	22.64	22.89	22.67	24.00
5	QPSK	1	24	22.67	22.97	22.63	24.00
5	QPSK	12	0	21.87	21.89	21.91	23.00
5	QPSK	12	7	21.81	21.91	21.73	23.00
5	QPSK	12	13	21.68	21.93	21.74	23.00
5	QPSK	25	0	21.69	21.78	21.71	23.00
5	16QAM	1	0	21.82	21.97	21.93	23.00
5	16QAM	1	12	21.74	21.89	21.80	23.00
5	16QAM	1	24	21.75	21.86	21.74	23.00
5	16QAM	12	0	20.73	21.00	20.87	22.00
5	16QAM	12	7	20.73	20.98	20.65	22.00
5	16QAM	12	13	20.84	21.00	20.85	22.00
5	16QAM	25	0	20.89	21.03	20.77	22.00
5	64QAM	1	0	20.72	20.81	20.76	22.00
5	64QAM	1	12	20.84	20.88	20.71	22.00
5	64QAM	1	24	20.75	20.88	20.80	22.00
5	64QAM	12	0	19.77	19.86	19.69	21.00
5	64QAM	12	7	19.70	19.80	19.69	21.00
5	64QAM	12	13	19.78	19.87	19.81	21.00
5	64QAM	25	0	19.83	19.92	19.74	21.00
5	256QAM	1	0	17.57	17.82	17.69	19.00
5	256QAM	1	12	17.61	17.97	17.74	19.00
5	256QAM	1	24	17.63	17.86	17.75	19.00
5	256QAM	12	0	17.66	17.83	17.64	19.00
5	256QAM	12	7	17.86	17.90	17.82	19.00
5	256QAM	12	13	17.73	17.79	17.64	19.00
5	256QAM	25	0	17.65	17.82	17.65	19.00
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	22.96	22.92	22.83	24.00
3	QPSK	1	8	22.62	22.86	22.66	24.00
3	QPSK	1	14	22.70	22.94	22.74	24.00
3	QPSK	8	0	21.88	21.95	21.84	23.00
3	QPSK	8	4	21.86	21.87	21.70	23.00
3	QPSK	8	7	21.69	21.92	21.71	23.00
3	QPSK	15	0	21.76	21.83	21.73	23.00
3	16QAM	1	0	21.76	22.00	21.82	23.00

3	16QAM	1	8	21.78	21.86	21.70	23.00
3	16QAM	1	14	21.76	21.96	21.74	23.00
3	16QAM	8	0	20.78	20.94	20.76	22.00
3	16QAM	8	4	20.73	21.00	20.66	22.00
3	16QAM	8	7	20.84	20.87	20.76	22.00
3	16QAM	15	0	20.92	20.95	20.72	22.00
3	64QAM	1	0	20.80	20.92	20.84	22.00
3	64QAM	1	8	20.82	20.92	20.76	22.00
3	64QAM	1	14	20.71	20.85	20.76	22.00
3	64QAM	8	0	19.81	19.88	19.69	21.00
3	64QAM	8	4	19.74	19.80	19.74	21.00
3	64QAM	8	7	19.75	19.99	19.78	21.00
3	64QAM	15	0	19.81	19.98	19.83	21.00
3	256QAM	1	0	17.66	17.89	17.83	19.00
3	256QAM	1	8	17.65	17.93	17.69	19.00
3	256QAM	1	14	17.67	17.85	17.80	19.00
3	256QAM	8	0	17.72	17.85	17.64	19.00
3	256QAM	8	4	17.85	17.86	17.80	19.00
3	256QAM	8	7	17.65	17.80	17.75	19.00
3	256QAM	15	0	17.59	17.88	17.76	19.00
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	22.97	22.88	22.93	24.00
1.4	QPSK	1	3	22.67	22.93	22.72	24.00
1.4	QPSK	1	5	22.69	22.98	22.73	24.00
1.4	QPSK	3	0	22.80	22.95	22.81	24.00
1.4	QPSK	3	1	22.88	22.91	22.71	24.00
1.4	QPSK	3	3	22.68	22.84	22.76	24.00
1.4	QPSK	6	0	21.74	21.89	21.69	23.00
1.4	16QAM	1	0	21.74	21.93	21.82	23.00
1.4	16QAM	1	3	21.74	21.94	21.74	23.00
1.4	16QAM	1	5	21.85	21.88	21.78	23.00
1.4	16QAM	3	0	21.81	21.93	21.78	23.00
1.4	16QAM	3	1	21.78	21.92	21.62	23.00
1.4	16QAM	3	3	21.86	21.99	21.82	23.00
1.4	16QAM	6	0	20.89	21.05	20.77	22.00
1.4	64QAM	1	0	20.80	20.94	20.75	22.00
1.4	64QAM	1	3	20.83	20.89	20.81	22.00
1.4	64QAM	1	5	20.76	20.93	20.78	22.00
1.4	64QAM	3	0	20.79	20.85	20.77	22.00
1.4	64QAM	3	1	20.72	20.80	20.68	22.00
1.4	64QAM	3	3	20.74	20.96	20.81	22.00
1.4	64QAM	6	0	19.78	19.90	19.86	21.00
1.4	256QAM	1	0	17.64	17.88	17.83	19.00
1.4	256QAM	1	3	17.59	17.92	17.67	19.00
1.4	256QAM	1	5	17.69	17.84	17.76	19.00
1.4	256QAM	3	0	17.67	17.72	17.68	19.00
1.4	256QAM	3	1	17.78	17.86	17.86	19.00
1.4	256QAM	3	3	17.75	17.87	17.65	19.00
1.4	256QAM	6	0	17.57	17.79	17.76	19.00

【LTE Band 4_Ant 1_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	Tune-up limit (dBm)
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	19.93	20.00	19.92	21.30
20	QPSK	1	49	19.93	19.94	19.94	21.30
20	QPSK	1	99	19.91	19.94	19.95	21.30
20	QPSK	50	0	19.87	19.94	19.86	21.30
20	QPSK	50	24	19.89	19.88	19.96	21.30
20	QPSK	50	50	19.94	19.90	19.94	21.30
20	QPSK	100	0	19.92	19.91	19.88	21.30
20	16QAM	1	0	19.89	19.90	19.89	21.30
20	16QAM	1	49	19.93	19.88	19.91	21.30
20	16QAM	1	99	19.94	19.87	19.95	21.30
20	16QAM	50	0	19.93	19.86	19.91	21.30
20	16QAM	50	24	19.95	19.92	19.93	21.30
20	16QAM	50	50	19.91	19.89	19.93	21.30
20	16QAM	100	0	19.90	19.94	19.94	21.30
20	64QAM	1	0	19.94	19.90	19.95	21.30
20	64QAM	1	49	19.96	19.93	19.87	21.30

20	64QAM	1	99	19.93	19.87	19.90	21.30
20	64QAM	50	0	19.95	19.91	19.95	21.30
20	64QAM	50	24	19.89	19.92	19.88	21.30
20	64QAM	50	50	19.87	19.86	19.95	21.30
20	64QAM	100	0	19.95	19.93	19.92	21.30
20	256QAM	1	0	17.87	18.00	17.79	19.30
20	256QAM	1	49	18.07	18.21	18.04	19.30
20	256QAM	1	99	18.01	18.14	17.97	19.30
20	256QAM	50	0	17.83	17.95	17.75	19.30
20	256QAM	50	24	17.96	18.01	17.81	19.30
20	256QAM	50	50	17.89	18.03	17.77	19.30
20	256QAM	100	0	17.91	18.02	17.82	19.30
Channel				20025	20175	20325	Tune-up limit
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	19.82	19.89	19.82	21.30
15	QPSK	1	37	19.89	19.86	19.87	21.30
15	QPSK	1	74	19.87	19.89	19.87	21.30
15	QPSK	36	0	19.78	19.92	19.71	21.30
15	QPSK	36	20	19.86	19.76	19.90	21.30
15	QPSK	36	39	19.84	19.87	19.91	21.30
15	QPSK	75	0	19.84	19.80	19.77	21.30
15	16QAM	1	0	19.75	19.81	19.77	21.30
15	16QAM	1	37	19.91	19.81	19.87	21.30
15	16QAM	1	74	19.80	19.79	19.82	21.30
15	16QAM	36	0	19.86	19.82	19.86	21.30
15	16QAM	36	20	19.82	19.79	19.85	21.30
15	16QAM	36	39	19.80	19.84	19.85	21.30
15	16QAM	75	0	19.76	19.90	19.80	21.30
15	64QAM	1	0	19.88	19.83	19.90	21.30
15	64QAM	1	37	19.83	19.80	19.81	21.30
15	64QAM	1	74	19.82	19.77	19.82	21.30
15	64QAM	36	0	19.82	19.84	19.84	21.30
15	64QAM	36	20	19.76	19.80	19.75	21.30
15	64QAM	36	39	19.77	19.84	19.91	21.30
15	64QAM	75	0	19.89	19.91	19.79	21.30
15	256QAM	1	0	17.77	17.94	17.74	19.30
15	256QAM	1	37	18.01	18.19	18.01	19.30
15	256QAM	1	74	17.97	18.11	17.92	19.30
15	256QAM	36	0	17.71	17.81	17.69	19.30
15	256QAM	36	20	17.82	17.96	17.76	19.30
15	256QAM	36	39	17.85	17.96	17.72	19.30
15	256QAM	75	0	17.88	17.88	17.77	19.30
Channel				20000	20175	20350	Tune-up limit
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	19.80	19.92	19.90	21.30
10	QPSK	1	25	19.84	19.84	19.90	21.30
10	QPSK	1	49	19.78	19.89	19.81	21.30
10	QPSK	25	0	19.72	19.90	19.80	21.30
10	QPSK	25	12	19.87	19.81	19.94	21.30
10	QPSK	25	25	19.88	19.79	19.79	21.30
10	QPSK	50	0	19.83	19.79	19.83	21.30
10	16QAM	1	0	19.79	19.86	19.83	21.30
10	16QAM	1	25	19.82	19.79	19.88	21.30
10	16QAM	1	49	19.92	19.83	19.92	21.30
10	16QAM	25	0	19.88	19.72	19.82	21.30
10	16QAM	25	12	19.93	19.83	19.83	21.30
10	16QAM	25	25	19.85	19.80	19.87	21.30
10	16QAM	50	0	19.88	19.90	19.91	21.30
10	64QAM	1	0	19.83	19.86	19.81	21.30
10	64QAM	1	25	19.88	19.80	19.73	21.30
10	64QAM	1	49	19.78	19.76	19.80	21.30
10	64QAM	25	0	19.87	19.86	19.84	21.30
10	64QAM	25	12	19.86	19.90	19.77	21.30
10	64QAM	25	25	19.80	19.82	19.92	21.30
10	64QAM	50	0	19.86	19.83	19.82	21.30
10	256QAM	1	0	17.75	17.97	17.71	19.30
10	256QAM	1	25	18.05	18.14	18.01	19.30
10	256QAM	1	49	17.93	18.06	17.83	19.30
10	256QAM	25	0	17.73	17.87	17.63	19.30
10	256QAM	25	12	17.88	17.93	17.66	19.30
10	256QAM	25	25	17.75	17.90	17.74	19.30
10	256QAM	50	0	17.76	17.93	17.79	19.30
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	19.80	19.93	19.91	21.30
5	QPSK	1	12	19.92	19.82	19.84	21.30
5	QPSK	1	24	19.86	19.93	19.92	21.30
5	QPSK	12	0	19.81	19.85	19.77	21.30

5	QPSK	12	7	19.80	19.85	19.82	21.30
5	QPSK	12	13	19.87	19.83	19.92	21.30
5	QPSK	25	0	19.86	19.84	19.84	21.30
5	16QAM	1	0	19.87	19.76	19.78	21.30
5	16QAM	1	12	19.88	19.85	19.78	21.30
5	16QAM	1	24	19.86	19.81	19.92	21.30
5	16QAM	12	0	19.90	19.73	19.84	21.30
5	16QAM	12	7	19.90	19.78	19.90	21.30
5	16QAM	12	13	19.86	19.83	19.83	21.30
5	16QAM	25	0	19.81	19.87	19.82	21.30
5	64QAM	1	0	19.89	19.83	19.88	21.30
5	64QAM	1	12	19.81	19.80	19.84	21.30
5	64QAM	1	24	19.83	19.78	19.85	21.30
5	64QAM	12	0	19.90	19.81	19.80	21.30
5	64QAM	12	7	19.80	19.78	19.75	21.30
5	64QAM	12	13	19.83	19.78	19.88	21.30
5	64QAM	25	0	19.81	19.78	19.88	21.30
5	256QAM	1	0	17.74	17.93	17.66	19.30
5	256QAM	1	12	17.99	18.10	17.92	19.30
5	256QAM	1	24	17.86	18.01	17.88	19.30
5	256QAM	12	0	17.69	17.85	17.68	19.30
5	256QAM	12	7	17.91	17.94	17.77	19.30
5	256QAM	12	13	17.77	17.96	17.73	19.30
5	256QAM	25	0	17.89	17.90	17.69	19.30
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	19.78	19.95	19.90	21.30
3	QPSK	1	8	19.91	19.87	19.89	21.30
3	QPSK	1	14	19.89	19.82	19.92	21.30
3	QPSK	8	0	19.85	19.87	19.76	21.30
3	QPSK	8	4	19.78	19.76	19.86	21.30
3	QPSK	8	7	19.79	19.76	19.79	21.30
3	QPSK	15	0	19.80	19.88	19.82	21.30
3	16QAM	1	0	19.76	19.83	19.78	21.30
3	16QAM	1	8	19.90	19.77	19.78	21.30
3	16QAM	1	14	19.90	19.78	19.81	21.30
3	16QAM	8	0	19.92	19.78	19.78	21.30
3	16QAM	8	4	19.94	19.89	19.82	21.30
3	16QAM	8	7	19.82	19.75	19.80	21.30
3	16QAM	15	0	19.89	19.88	19.92	21.30
3	64QAM	1	0	19.80	19.79	19.93	21.30
3	64QAM	1	8	19.94	19.83	19.80	21.30
3	64QAM	1	14	19.80	19.81	19.80	21.30
3	64QAM	8	0	19.86	19.83	19.87	21.30
3	64QAM	8	4	19.81	19.79	19.75	21.30
3	64QAM	8	7	19.83	19.75	19.81	21.30
3	64QAM	15	0	19.93	19.83	19.87	21.30
3	256QAM	1	0	17.74	17.88	17.72	19.30
3	256QAM	1	8	18.03	18.18	18.02	19.30
3	256QAM	1	14	17.94	18.08	17.91	19.30
3	256QAM	8	0	17.77	17.87	17.68	19.30
3	256QAM	8	4	17.83	17.91	17.74	19.30
3	256QAM	8	7	17.84	17.90	17.68	19.30
3	256QAM	15	0	17.87	17.97	17.74	19.30
Channel				19957	20175	20393	Tune-up limit
Frequency (MHz)				1710.7	1732.5	1754.3	(dBm)
1.4	QPSK	1	0	19.81	19.95	19.79	21.30
1.4	QPSK	1	3	19.79	19.81	19.84	21.30
1.4	QPSK	1	5	19.78	19.89	19.80	21.30
1.4	QPSK	3	0	19.78	19.82	19.82	21.30
1.4	QPSK	3	1	19.80	19.85	19.91	21.30
1.4	QPSK	3	3	19.80	19.82	19.82	21.30
1.4	QPSK	6	0	19.88	19.78	19.75	21.30
1.4	16QAM	1	0	19.78	19.78	19.84	21.30
1.4	16QAM	1	3	19.82	19.84	19.79	21.30
1.4	16QAM	1	5	19.93	19.83	19.86	21.30
1.4	16QAM	3	0	19.89	19.76	19.81	21.30
1.4	16QAM	3	1	19.89	19.90	19.91	21.30
1.4	16QAM	3	3	19.80	19.85	19.84	21.30
1.4	16QAM	6	0	19.76	19.89	19.90	21.30
1.4	64QAM	1	0	19.91	19.83	19.84	21.30
1.4	64QAM	1	3	19.83	19.79	19.82	21.30
1.4	64QAM	1	5	19.87	19.81	19.79	21.30
1.4	64QAM	3	0	19.88	19.78	19.87	21.30
1.4	64QAM	3	1	19.74	19.87	19.85	21.30
1.4	64QAM	3	3	19.85	19.72	19.82	21.30
1.4	64QAM	6	0	19.93	19.83	19.88	21.30
1.4	256QAM	1	0	17.73	17.86	17.64	19.30

1.4	256QAM	1	3	17.94	18.18	18.00	19.30
1.4	256QAM	1	5	17.89	18.01	17.90	19.30
1.4	256QAM	3	0	17.75	17.86	17.71	19.30
1.4	256QAM	3	1	17.84	18.00	17.72	19.30
1.4	256QAM	3	3	17.79	17.99	17.69	19.30
1.4	256QAM	6	0	17.88	17.96	17.76	19.30

【LTE Band 4_Ant 1_ECI 3-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	Tune-up limit (dBm)
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	19.94	20.02	19.95	21.30
20	QPSK	1	49	19.88	19.90	19.90	21.30
20	QPSK	1	99	19.87	19.88	19.95	21.30
20	QPSK	50	0	19.91	19.92	19.94	21.30
20	QPSK	50	24	19.92	19.86	19.91	21.30
20	QPSK	50	50	19.87	19.91	19.87	21.30
20	QPSK	100	0	19.95	19.88	19.93	21.30
20	16QAM	1	0	19.96	19.94	19.93	21.30
20	16QAM	1	49	19.91	19.88	19.89	21.30
20	16QAM	1	99	19.93	19.91	19.88	21.30
20	16QAM	50	0	19.88	19.87	19.91	21.30
20	16QAM	50	24	19.89	19.92	19.86	21.30
20	16QAM	50	50	19.92	19.93	19.94	21.30
20	16QAM	100	0	19.95	19.96	19.95	21.30
20	64QAM	1	0	19.93	19.95	19.94	21.30
20	64QAM	1	49	19.94	19.94	19.87	21.30
20	64QAM	1	99	19.91	19.93	19.93	21.30
20	64QAM	50	0	19.89	19.87	19.90	21.30
20	64QAM	50	24	19.95	19.89	19.92	21.30
20	64QAM	50	50	19.91	19.90	19.92	21.30
20	64QAM	100	0	19.95	19.95	19.86	21.30
20	256QAM	1	0	17.72	17.92	17.84	19.30
20	256QAM	1	49	17.73	17.99	17.77	19.30
20	256QAM	1	99	17.74	17.98	17.85	19.30
20	256QAM	50	0	17.79	17.86	17.76	19.30
20	256QAM	50	24	17.87	17.96	17.90	19.30
20	256QAM	50	50	17.80	17.93	17.78	19.30
20	256QAM	100	0	17.69	17.90	17.79	19.30
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	19.79	20.00	19.89	21.30
15	QPSK	1	37	19.79	19.86	19.81	21.30
15	QPSK	1	74	19.77	19.83	19.86	21.30
15	QPSK	36	0	19.80	19.81	19.92	21.30
15	QPSK	36	20	19.84	19.71	19.81	21.30
15	QPSK	36	39	19.72	19.82	19.86	21.30
15	QPSK	75	0	19.88	19.79	19.80	21.30
15	16QAM	1	0	19.84	19.79	19.85	21.30
15	16QAM	1	37	19.89	19.83	19.82	21.30
15	16QAM	1	74	19.81	19.89	19.85	21.30
15	16QAM	36	0	19.86	19.76	19.85	21.30
15	16QAM	36	20	19.86	19.79	19.71	21.30
15	16QAM	36	39	19.81	19.80	19.87	21.30
15	16QAM	75	0	19.86	19.86	19.85	21.30
15	64QAM	1	0	19.88	19.89	19.79	21.30
15	64QAM	1	37	19.80	19.80	19.85	21.30
15	64QAM	1	74	19.86	19.92	19.79	21.30
15	64QAM	36	0	19.85	19.75	19.80	21.30
15	64QAM	36	20	19.85	19.80	19.86	21.30
15	64QAM	36	39	19.87	19.76	19.82	21.30
15	64QAM	75	0	19.86	19.90	19.79	21.30
15	256QAM	1	0	17.65	17.82	17.74	19.30
15	256QAM	1	37	17.65	17.89	17.66	19.30
15	256QAM	1	74	17.72	17.84	17.76	19.30
15	256QAM	36	0	17.70	17.75	17.73	19.30
15	256QAM	36	20	17.73	17.81	17.81	19.30
15	256QAM	36	39	17.66	17.79	17.76	19.30
15	256QAM	75	0	17.60	17.86	17.76	19.30
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	

10	QPSK	1	0	19.80	19.95	19.85	21.30
10	QPSK	1	25	19.80	19.76	19.77	21.30
10	QPSK	1	49	19.72	19.80	19.83	21.30
10	QPSK	25	0	19.87	19.82	19.91	21.30
10	QPSK	25	12	19.84	19.74	19.78	21.30
10	QPSK	25	25	19.79	19.81	19.82	21.30
10	QPSK	50	0	19.91	19.79	19.87	21.30
10	16QAM	1	0	19.85	19.80	19.86	21.30
10	16QAM	1	25	19.85	19.80	19.81	21.30
10	16QAM	1	49	19.91	19.80	19.82	21.30
10	16QAM	25	0	19.76	19.83	19.78	21.30
10	16QAM	25	12	19.85	19.83	19.74	21.30
10	16QAM	25	25	19.79	19.86	19.85	21.30
10	16QAM	50	0	19.85	19.89	19.93	21.30
10	64QAM	1	0	19.82	19.86	19.87	21.30
10	64QAM	1	25	19.89	19.80	19.81	21.30
10	64QAM	1	49	19.82	19.85	19.79	21.30
10	64QAM	25	0	19.84	19.82	19.82	21.30
10	64QAM	25	12	19.93	19.80	19.80	21.30
10	64QAM	25	25	19.88	19.78	19.78	21.30
10	64QAM	50	0	19.82	19.94	19.81	21.30
10	256QAM	1	0	17.63	17.79	17.82	19.30
10	256QAM	1	25	17.59	17.93	17.69	19.30
10	256QAM	1	49	17.64	17.97	17.72	19.30
10	256QAM	25	0	17.74	17.85	17.65	19.30
10	256QAM	25	12	17.81	17.81	17.87	19.30
10	256QAM	25	25	17.74	17.90	17.70	19.30
10	256QAM	50	0	17.59	17.88	17.73	19.30
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	19.90	19.92	19.89	21.30
5	QPSK	1	12	19.81	19.80	19.76	21.30
5	QPSK	1	24	19.83	19.79	19.91	21.30
5	QPSK	12	0	19.88	19.82	19.80	21.30
5	QPSK	12	7	19.90	19.84	19.80	21.30
5	QPSK	12	13	19.73	19.86	19.74	21.30
5	QPSK	25	0	19.89	19.86	19.84	21.30
5	16QAM	1	0	19.83	19.93	19.88	21.30
5	16QAM	1	12	19.90	19.81	19.76	21.30
5	16QAM	1	24	19.85	19.78	19.81	21.30
5	16QAM	12	0	19.80	19.72	19.80	21.30
5	16QAM	12	7	19.82	19.82	19.72	21.30
5	16QAM	12	13	19.86	19.80	19.82	21.30
5	16QAM	25	0	19.91	19.92	19.84	21.30
5	64QAM	1	0	19.87	19.81	19.92	21.30
5	64QAM	1	12	19.93	19.81	19.86	21.30
5	64QAM	1	24	19.82	19.79	19.92	21.30
5	64QAM	12	0	19.78	19.74	19.77	21.30
5	64QAM	12	7	19.80	19.81	19.86	21.30
5	64QAM	12	13	19.90	19.81	19.77	21.30
5	64QAM	25	0	19.88	19.93	19.75	21.30
5	256QAM	1	0	17.65	17.79	17.83	19.30
5	256QAM	1	12	17.66	17.86	17.75	19.30
5	256QAM	1	24	17.73	17.87	17.79	19.30
5	256QAM	12	0	17.75	17.79	17.63	19.30
5	256QAM	12	7	17.77	17.90	17.75	19.30
5	256QAM	12	13	17.75	17.86	17.71	19.30
5	256QAM	25	0	17.57	17.83	17.75	19.30
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	19.84	19.96	19.83	21.30
3	QPSK	1	8	19.76	19.83	19.86	21.30
3	QPSK	1	14	19.74	19.84	19.86	21.30
3	QPSK	8	0	19.78	19.88	19.81	21.30
3	QPSK	8	4	19.80	19.73	19.78	21.30
3	QPSK	8	7	19.74	19.89	19.80	21.30
3	QPSK	15	0	19.82	19.83	19.80	21.30
3	16QAM	1	0	19.88	19.89	19.78	21.30
3	16QAM	1	8	19.86	19.75	19.85	21.30
3	16QAM	1	14	19.83	19.88	19.85	21.30
3	16QAM	8	0	19.83	19.75	19.77	21.30
3	16QAM	8	4	19.80	19.77	19.82	21.30
3	16QAM	8	7	19.83	19.92	19.92	21.30
3	16QAM	15	0	19.83	19.86	19.88	21.30
3	64QAM	1	0	19.86	19.85	19.85	21.30
3	64QAM	1	8	19.92	19.83	19.79	21.30
3	64QAM	1	14	19.89	19.82	19.92	21.30
3	64QAM	8	0	19.86	19.78	19.87	21.30

3	64QAM	8	4	19.91	19.76	19.82	21.30
3	64QAM	8	7	19.89	19.75	19.90	21.30
3	64QAM	15	0	19.81	19.87	19.82	21.30
3	256QAM	1	0	17.65	17.77	17.81	19.30
3	256QAM	1	8	17.59	17.88	17.71	19.30
3	256QAM	1	14	17.65	17.91	17.82	19.30
3	256QAM	8	0	17.64	17.82	17.63	19.30
3	256QAM	8	4	17.81	17.89	17.87	19.30
3	256QAM	8	7	17.79	17.78	17.75	19.30
3	256QAM	15	0	17.63	17.86	17.75	19.30
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	19.83	19.97	19.89	21.30
1.4	QPSK	1	3	19.73	19.87	19.76	21.30
1.4	QPSK	1	5	19.74	19.73	19.92	21.30
1.4	QPSK	3	0	19.84	19.90	19.89	21.30
1.4	QPSK	3	1	19.78	19.82	19.84	21.30
1.4	QPSK	3	3	19.80	19.83	19.72	21.30
1.4	QPSK	6	0	19.85	19.75	19.80	21.30
1.4	16QAM	1	0	19.90	19.88	19.79	21.30
1.4	16QAM	1	3	19.77	19.84	19.84	21.30
1.4	16QAM	1	5	19.88	19.83	19.85	21.30
1.4	16QAM	3	0	19.77	19.83	19.79	21.30
1.4	16QAM	3	1	19.78	19.83	19.72	21.30
1.4	16QAM	3	3	19.81	19.83	19.88	21.30
1.4	16QAM	6	0	19.92	19.87	19.85	21.30
1.4	64QAM	1	0	19.81	19.82	19.88	21.30
1.4	64QAM	1	3	19.80	19.84	19.76	21.30
1.4	64QAM	1	5	19.86	19.80	19.84	21.30
1.4	64QAM	3	0	19.81	19.75	19.86	21.30
1.4	64QAM	3	1	19.89	19.84	19.81	21.30
1.4	64QAM	3	3	19.86	19.86	19.91	21.30
1.4	64QAM	6	0	19.92	19.84	19.77	21.30
1.4	256QAM	1	0	17.59	17.87	17.79	19.30
1.4	256QAM	1	3	17.67	17.88	17.72	19.30
1.4	256QAM	1	5	17.63	17.95	17.71	19.30
1.4	256QAM	3	0	17.77	17.72	17.66	19.30
1.4	256QAM	3	1	17.79	17.85	17.77	19.30
1.4	256QAM	3	3	17.77	17.78	17.75	19.30
1.4	256QAM	6	0	17.66	17.78	17.64	19.30

【LTE Band 4_Ant 1_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	23.04	23.09	22.93	24.00
20	QPSK	1	49	22.89	23.07	22.77	24.00
20	QPSK	1	99	22.89	23.05	22.87	24.00
20	QPSK	50	0	21.93	22.10	21.87	23.00
20	QPSK	50	24	21.97	22.05	21.80	23.00
20	QPSK	50	50	21.87	22.04	21.80	23.00
20	QPSK	100	0	21.87	22.04	21.87	23.00
20	16QAM	1	0	22.04	22.12	21.86	23.00
20	16QAM	1	49	21.94	22.13	21.87	23.00
20	16QAM	1	99	22.06	22.17	22.00	23.00
20	16QAM	50	0	20.92	20.99	20.70	22.00
20	16QAM	50	24	20.90	21.04	20.81	22.00
20	16QAM	50	50	20.88	21.04	20.80	22.00
20	16QAM	100	0	20.89	21.02	20.82	22.00
20	64QAM	1	0	20.88	21.03	20.79	22.00
20	64QAM	1	49	20.88	21.06	20.87	22.00
20	64QAM	1	99	20.94	21.12	20.84	22.00
20	64QAM	50	0	19.86	19.99	19.73	21.00
20	64QAM	50	24	19.88	20.01	19.83	21.00
20	64QAM	50	50	19.92	20.03	19.76	21.00
20	64QAM	100	0	19.88	20.02	19.77	21.00
20	256QAM	1	0	17.87	18.00	17.79	19.00
20	256QAM	1	49	18.07	18.21	18.04	19.00
20	256QAM	1	99	18.01	18.14	17.97	19.00
20	256QAM	50	0	17.83	17.95	17.75	19.00
20	256QAM	50	24	17.96	18.01	17.81	19.00

20	256QAM	50	50	17.89	18.03	17.77	19.00
20	256QAM	100	0	17.91	18.02	17.82	19.00
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	23.01	22.99	22.87	24.00
15	QPSK	1	37	22.86	23.05	22.76	24.00
15	QPSK	1	74	22.75	22.95	22.84	24.00
15	QPSK	36	0	21.90	21.96	21.78	23.00
15	QPSK	36	20	21.89	21.99	21.76	23.00
15	QPSK	36	39	21.79	21.99	21.74	23.00
15	QPSK	75	0	21.77	22.01	21.81	23.00
15	16QAM	1	0	21.90	22.02	21.78	23.00
15	16QAM	1	37	21.80	22.00	21.86	23.00
15	16QAM	1	74	22.04	22.05	21.98	23.00
15	16QAM	36	0	20.85	20.86	20.55	22.00
15	16QAM	36	20	20.81	21.00	20.70	22.00
15	16QAM	36	39	20.85	21.02	20.74	22.00
15	16QAM	75	0	20.87	20.90	20.75	22.00
15	64QAM	1	0	20.75	21.00	20.69	22.00
15	64QAM	1	37	20.82	21.04	20.75	22.00
15	64QAM	1	74	20.90	20.99	20.72	22.00
15	64QAM	36	0	19.77	19.90	19.67	21.00
15	64QAM	36	20	19.75	19.96	19.68	21.00
15	64QAM	36	39	19.89	19.95	19.65	21.00
15	64QAM	75	0	19.81	19.92	19.67	21.00
15	256QAM	1	0	17.74	17.89	17.68	19.00
15	256QAM	1	37	18.01	18.06	17.97	19.00
15	256QAM	1	74	17.99	18.05	17.94	19.00
15	256QAM	36	0	17.70	17.86	17.68	19.00
15	256QAM	36	20	17.91	17.92	17.71	19.00
15	256QAM	36	39	17.83	17.91	17.67	19.00
15	256QAM	75	0	17.84	18.00	17.72	19.00
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	22.89	23.05	22.85	24.00
10	QPSK	1	25	22.83	22.93	22.69	24.00
10	QPSK	1	49	22.85	22.92	22.85	24.00
10	QPSK	25	0	21.89	22.02	21.74	23.00
10	QPSK	25	12	21.89	22.01	21.76	23.00
10	QPSK	25	25	21.81	21.94	21.75	23.00
10	QPSK	50	0	21.82	21.99	21.77	23.00
10	16QAM	1	0	21.91	22.02	21.83	23.00
10	16QAM	1	25	21.79	22.08	21.73	23.00
10	16QAM	1	49	21.95	22.14	21.96	23.00
10	16QAM	25	0	20.80	20.92	20.60	22.00
10	16QAM	25	12	20.78	20.95	20.66	22.00
10	16QAM	25	25	20.74	20.93	20.65	22.00
10	16QAM	50	0	20.75	21.00	20.68	22.00
10	64QAM	1	0	20.75	20.93	20.77	22.00
10	64QAM	1	25	20.80	21.02	20.81	22.00
10	64QAM	1	49	20.92	21.02	20.78	22.00
10	64QAM	25	0	19.83	19.88	19.66	21.00
10	64QAM	25	12	19.80	19.97	19.72	21.00
10	64QAM	25	25	19.81	19.93	19.66	21.00
10	64QAM	50	0	19.74	19.95	19.63	21.00
10	256QAM	1	0	17.73	17.92	17.71	19.00
10	256QAM	1	25	18.00	18.07	17.93	19.00
10	256QAM	1	49	17.95	18.09	17.92	19.00
10	256QAM	25	0	17.79	17.81	17.66	19.00
10	256QAM	25	12	17.89	17.91	17.75	19.00
10	256QAM	25	25	17.75	17.94	17.74	19.00
10	256QAM	50	0	17.77	17.88	17.72	19.00
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	22.95	23.03	22.79	24.00
5	QPSK	1	12	22.85	22.96	22.73	24.00
5	QPSK	1	24	22.86	23.01	22.84	24.00
5	QPSK	12	0	21.89	22.06	21.75	23.00
5	QPSK	12	7	21.94	21.91	21.69	23.00
5	QPSK	12	13	21.79	21.95	21.72	23.00
5	QPSK	25	0	21.85	21.93	21.77	23.00
5	16QAM	1	0	21.96	22.11	21.78	23.00
5	16QAM	1	12	21.90	22.03	21.80	23.00
5	16QAM	1	24	21.92	22.07	21.86	23.00
5	16QAM	12	0	20.85	20.94	20.59	22.00
5	16QAM	12	7	20.79	20.92	20.67	22.00
5	16QAM	12	13	20.84	21.02	20.79	22.00
5	16QAM	25	0	20.83	20.88	20.81	22.00

5	64QAM	1	0	20.81	20.95	20.67	22.00
5	64QAM	1	12	20.86	20.97	20.82	22.00
5	64QAM	1	24	20.85	21.10	20.81	22.00
5	64QAM	12	0	19.73	19.93	19.64	21.00
5	64QAM	12	7	19.79	19.86	19.71	21.00
5	64QAM	12	13	19.84	19.95	19.66	21.00
5	64QAM	25	0	19.81	19.95	19.73	21.00
5	256QAM	1	0	17.79	17.92	17.74	19.00
5	256QAM	1	12	18.03	18.13	17.89	19.00
5	256QAM	1	24	17.89	18.00	17.87	19.00
5	256QAM	12	0	17.69	17.87	17.65	19.00
5	256QAM	12	7	17.83	17.86	17.70	19.00
5	256QAM	12	13	17.88	17.91	17.65	19.00
5	256QAM	25	0	17.90	17.87	17.80	19.00
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	22.99	22.98	22.90	24.00
3	QPSK	1	8	22.82	22.95	22.75	24.00
3	QPSK	1	14	22.77	23.01	22.73	24.00
3	QPSK	8	0	21.87	22.00	21.78	23.00
3	QPSK	8	4	21.84	21.93	21.77	23.00
3	QPSK	8	7	21.85	21.97	21.71	23.00
3	QPSK	15	0	21.82	21.99	21.75	23.00
3	16QAM	1	0	21.91	21.99	21.78	23.00
3	16QAM	1	8	21.81	22.05	21.84	23.00
3	16QAM	1	14	22.04	22.04	21.87	23.00
3	16QAM	8	0	20.78	20.97	20.66	22.00
3	16QAM	8	4	20.75	21.00	20.78	22.00
3	16QAM	8	7	20.83	20.99	20.73	22.00
3	16QAM	15	0	20.78	20.94	20.74	22.00
3	64QAM	1	0	20.80	20.96	20.66	22.00
3	64QAM	1	8	20.86	21.03	20.86	22.00
3	64QAM	1	14	20.86	21.05	20.71	22.00
3	64QAM	8	0	19.79	19.97	19.70	21.00
3	64QAM	8	4	19.82	19.87	19.81	21.00
3	64QAM	8	7	19.83	19.95	19.72	21.00
3	64QAM	15	0	19.77	19.93	19.72	21.00
3	256QAM	1	0	17.80	17.91	17.67	19.00
3	256QAM	1	8	17.94	18.16	17.89	19.00
3	256QAM	1	14	17.95	18.03	17.88	19.00
3	256QAM	8	0	17.82	17.83	17.61	19.00
3	256QAM	8	4	17.83	17.87	17.77	19.00
3	256QAM	8	7	17.88	17.98	17.73	19.00
3	256QAM	15	0	17.85	17.99	17.71	19.00
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	23.00	22.99	22.83	24.00
1.4	QPSK	1	3	22.88	23.03	22.67	24.00
1.4	QPSK	1	5	22.74	23.03	22.86	24.00
1.4	QPSK	3	0	22.82	23.06	22.75	24.00
1.4	QPSK	3	1	22.91	22.94	22.67	24.00
1.4	QPSK	3	3	22.74	22.99	22.71	24.00
1.4	QPSK	6	0	21.73	21.90	21.82	23.00
1.4	16QAM	1	0	22.03	22.10	21.75	23.00
1.4	16QAM	1	3	21.89	22.07	21.76	23.00
1.4	16QAM	1	5	22.04	22.05	21.96	23.00
1.4	16QAM	3	0	21.78	21.96	21.67	23.00
1.4	16QAM	3	1	21.84	22.01	21.69	23.00
1.4	16QAM	3	3	21.73	21.90	21.71	23.00
1.4	16QAM	6	0	20.82	20.96	20.80	22.00
1.4	64QAM	1	0	20.82	20.90	20.66	22.00
1.4	64QAM	1	3	20.74	21.05	20.85	22.00
1.4	64QAM	1	5	20.85	20.99	20.82	22.00
1.4	64QAM	3	0	20.72	20.94	20.65	22.00
1.4	64QAM	3	1	20.74	20.93	20.77	22.00
1.4	64QAM	3	3	20.80	20.91	20.70	22.00
1.4	64QAM	6	0	19.79	19.87	19.64	21.00
1.4	256QAM	1	0	17.83	17.93	17.73	19.00
1.4	256QAM	1	3	17.94	18.17	17.98	19.00
1.4	256QAM	1	5	17.93	18.08	17.95	19.00
1.4	256QAM	3	0	17.81	17.90	17.68	19.00
1.4	256QAM	3	1	17.92	17.93	17.68	19.00
1.4	256QAM	3	3	17.76	17.98	17.64	19.00
1.4	256QAM	6	0	17.80	17.95	17.76	19.00

【LTE Band 4_Ant 1_ECI 4-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	23.01	23.03	22.96	24.00
20	QPSK	1	49	22.77	22.94	22.74	24.00
20	QPSK	1	99	22.76	23.00	22.78	24.00
20	QPSK	50	0	21.90	22.03	21.94	23.00
20	QPSK	50	24	21.94	21.98	21.76	23.00
20	QPSK	50	50	21.77	21.97	21.82	23.00
20	QPSK	100	0	21.81	21.91	21.76	23.00
20	16QAM	1	0	21.86	22.04	21.96	23.00
20	16QAM	1	49	21.87	21.98	21.84	23.00
20	16QAM	1	99	21.89	22.00	21.84	23.00
20	16QAM	50	0	20.83	21.02	20.89	22.00
20	16QAM	50	24	20.83	21.03	20.73	22.00
20	16QAM	50	50	20.92	21.01	20.88	22.00
20	16QAM	100	0	20.96	21.06	20.84	22.00
20	64QAM	1	0	20.83	20.96	20.85	22.00
20	64QAM	1	49	20.87	20.97	20.83	22.00
20	64QAM	1	99	20.83	20.98	20.88	22.00
20	64QAM	50	0	19.87	19.96	19.84	21.00
20	64QAM	50	24	19.78	19.94	19.76	21.00
20	64QAM	50	50	19.86	20.01	19.87	21.00
20	64QAM	100	0	19.87	20.05	19.88	21.00
20	256QAM	1	0	17.72	17.92	17.84	19.00
20	256QAM	1	49	17.73	17.99	17.77	19.00
20	256QAM	1	99	17.74	17.98	17.85	19.00
20	256QAM	50	0	17.79	17.86	17.76	19.00
20	256QAM	50	24	17.87	17.96	17.90	19.00
20	256QAM	50	50	17.80	17.93	17.78	19.00
20	256QAM	100	0	17.69	17.90	17.79	19.00
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	22.86	23.02	22.91	24.00
15	QPSK	1	37	22.73	22.82	22.61	24.00
15	QPSK	1	74	22.73	22.96	22.73	24.00
15	QPSK	36	0	21.78	21.98	21.91	23.00
15	QPSK	36	20	21.84	21.91	21.65	23.00
15	QPSK	36	39	21.72	21.86	21.81	23.00
15	QPSK	75	0	21.78	21.80	21.74	23.00
15	16QAM	1	0	21.82	21.92	21.82	23.00
15	16QAM	1	37	21.76	21.87	21.69	23.00
15	16QAM	1	74	21.76	21.89	21.81	23.00
15	16QAM	36	0	20.69	21.00	20.75	22.00
15	16QAM	36	20	20.79	20.98	20.66	22.00
15	16QAM	36	39	20.90	20.97	20.79	22.00
15	16QAM	75	0	20.83	21.03	20.69	22.00
15	64QAM	1	0	20.75	20.82	20.76	22.00
15	64QAM	1	37	20.77	20.89	20.81	22.00
15	64QAM	1	74	20.72	20.91	20.77	22.00
15	64QAM	36	0	19.86	19.94	19.82	21.00
15	64QAM	36	20	19.68	19.89	19.75	21.00
15	64QAM	36	39	19.79	19.95	19.76	21.00
15	64QAM	75	0	19.74	20.03	19.80	21.00
15	256QAM	1	0	17.68	17.78	17.79	19.00
15	256QAM	1	37	17.63	17.89	17.67	19.00
15	256QAM	1	74	17.64	17.90	17.74	19.00
15	256QAM	36	0	17.77	17.82	17.68	19.00
15	256QAM	36	20	17.81	17.86	17.77	19.00
15	256QAM	36	39	17.74	17.79	17.74	19.00
15	256QAM	75	0	17.65	17.84	17.76	19.00
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	22.87	22.90	22.82	24.00
10	QPSK	1	25	22.64	22.89	22.61	24.00
10	QPSK	1	49	22.69	22.89	22.63	24.00
10	QPSK	25	0	21.84	21.89	21.82	23.00
10	QPSK	25	12	21.89	21.94	21.67	23.00
10	QPSK	25	25	21.71	21.83	21.75	23.00
10	QPSK	50	0	21.77	21.77	21.71	23.00
10	16QAM	1	0	21.73	21.92	21.82	23.00
10	16QAM	1	25	21.73	21.87	21.79	23.00
10	16QAM	1	49	21.86	21.90	21.77	23.00
10	16QAM	25	0	20.76	20.92	20.80	22.00

10	16QAM	25	12	20.70	20.93	20.58	22.00
10	16QAM	25	25	20.78	20.99	20.77	22.00
10	16QAM	50	0	20.81	21.02	20.70	22.00
10	64QAM	1	0	20.79	20.90	20.73	22.00
10	64QAM	1	25	20.74	20.86	20.79	22.00
10	64QAM	1	49	20.77	20.93	20.73	22.00
10	64QAM	25	0	19.77	19.93	19.77	21.00
10	64QAM	25	12	19.63	19.88	19.71	21.00
10	64QAM	25	25	19.78	19.90	19.73	21.00
10	64QAM	50	0	19.77	19.97	19.80	21.00
10	256QAM	1	0	17.61	17.78	17.77	19.00
10	256QAM	1	25	17.59	17.93	17.69	19.00
10	256QAM	1	49	17.63	17.91	17.79	19.00
10	256QAM	25	0	17.71	17.77	17.62	19.00
10	256QAM	25	12	17.74	17.89	17.85	19.00
10	256QAM	25	25	17.68	17.80	17.76	19.00
10	256QAM	50	0	17.55	17.82	17.67	19.00
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	22.99	22.91	22.82	24.00
5	QPSK	1	12	22.64	22.89	22.67	24.00
5	QPSK	1	24	22.67	22.97	22.63	24.00
5	QPSK	12	0	21.87	21.89	21.91	23.00
5	QPSK	12	7	21.81	21.91	21.73	23.00
5	QPSK	12	13	21.68	21.93	21.74	23.00
5	QPSK	25	0	21.69	21.78	21.71	23.00
5	16QAM	1	0	21.82	21.97	21.93	23.00
5	16QAM	1	12	21.74	21.89	21.80	23.00
5	16QAM	1	24	21.75	21.86	21.74	23.00
5	16QAM	12	0	20.73	21.00	20.87	22.00
5	16QAM	12	7	20.73	20.98	20.65	22.00
5	16QAM	12	13	20.84	21.00	20.85	22.00
5	16QAM	25	0	20.89	21.03	20.77	22.00
5	64QAM	1	0	20.72	20.81	20.76	22.00
5	64QAM	1	12	20.84	20.88	20.71	22.00
5	64QAM	1	24	20.75	20.88	20.80	22.00
5	64QAM	12	0	19.77	19.86	19.69	21.00
5	64QAM	12	7	19.70	19.80	19.69	21.00
5	64QAM	12	13	19.78	19.87	19.81	21.00
5	64QAM	25	0	19.83	19.92	19.74	21.00
5	256QAM	1	0	17.57	17.82	17.69	19.00
5	256QAM	1	12	17.61	17.97	17.74	19.00
5	256QAM	1	24	17.63	17.86	17.75	19.00
5	256QAM	12	0	17.66	17.83	17.64	19.00
5	256QAM	12	7	17.86	17.90	17.82	19.00
5	256QAM	12	13	17.73	17.79	17.64	19.00
5	256QAM	25	0	17.65	17.82	17.65	19.00
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	22.96	22.92	22.83	24.00
3	QPSK	1	8	22.62	22.86	22.66	24.00
3	QPSK	1	14	22.70	22.94	22.74	24.00
3	QPSK	8	0	21.88	21.95	21.84	23.00
3	QPSK	8	4	21.86	21.87	21.70	23.00
3	QPSK	8	7	21.69	21.92	21.71	23.00
3	QPSK	15	0	21.76	21.83	21.73	23.00
3	16QAM	1	0	21.76	22.00	21.82	23.00
3	16QAM	1	8	21.78	21.86	21.70	23.00
3	16QAM	1	14	21.76	21.96	21.74	23.00
3	16QAM	8	0	20.78	20.94	20.76	22.00
3	16QAM	8	4	20.73	21.00	20.66	22.00
3	16QAM	8	7	20.84	20.87	20.76	22.00
3	16QAM	15	0	20.92	20.95	20.72	22.00
3	64QAM	1	0	20.80	20.92	20.84	22.00
3	64QAM	1	8	20.82	20.92	20.76	22.00
3	64QAM	1	14	20.71	20.85	20.76	22.00
3	64QAM	8	0	19.81	19.88	19.69	21.00
3	64QAM	8	4	19.74	19.80	19.74	21.00
3	64QAM	8	7	19.75	19.99	19.78	21.00
3	64QAM	15	0	19.81	19.98	19.83	21.00
3	256QAM	1	0	17.66	17.89	17.83	19.00
3	256QAM	1	8	17.65	17.93	17.69	19.00
3	256QAM	1	14	17.67	17.85	17.80	19.00
3	256QAM	8	0	17.72	17.85	17.64	19.00
3	256QAM	8	4	17.85	17.86	17.80	19.00
3	256QAM	8	7	17.65	17.80	17.75	19.00
3	256QAM	15	0	17.59	17.88	17.76	19.00
Channel				19957	20175	20393	Tune-up limit

Frequency (MHz)				1710.7	1732.5	1754.3	(dBm)
1.4	QPSK	1	0	22.97	22.88	22.93	24.00
1.4	QPSK	1	3	22.67	22.93	22.72	24.00
1.4	QPSK	1	5	22.69	22.98	22.73	24.00
1.4	QPSK	3	0	22.80	22.95	22.81	24.00
1.4	QPSK	3	1	22.88	22.91	22.71	24.00
1.4	QPSK	3	3	22.68	22.84	22.76	24.00
1.4	QPSK	6	0	21.74	21.89	21.69	23.00
1.4	16QAM	1	0	21.74	21.93	21.82	23.00
1.4	16QAM	1	3	21.74	21.94	21.74	23.00
1.4	16QAM	1	5	21.85	21.88	21.78	23.00
1.4	16QAM	3	0	21.81	21.93	21.78	23.00
1.4	16QAM	3	1	21.78	21.92	21.62	23.00
1.4	16QAM	3	3	21.86	21.99	21.82	23.00
1.4	16QAM	6	0	20.89	21.05	20.77	22.00
1.4	64QAM	1	0	20.80	20.94	20.75	22.00
1.4	64QAM	1	3	20.83	20.89	20.81	22.00
1.4	64QAM	1	5	20.76	20.93	20.78	22.00
1.4	64QAM	3	0	20.79	20.85	20.77	22.00
1.4	64QAM	3	1	20.72	20.80	20.68	22.00
1.4	64QAM	3	3	20.74	20.96	20.81	22.00
1.4	64QAM	6	0	19.78	19.90	19.86	21.00
1.4	256QAM	1	0	17.64	17.88	17.83	19.00
1.4	256QAM	1	3	17.59	17.92	17.67	19.00
1.4	256QAM	1	5	17.69	17.84	17.76	19.00
1.4	256QAM	3	0	17.67	17.72	17.68	19.00
1.4	256QAM	3	1	17.78	17.86	17.86	19.00
1.4	256QAM	3	3	17.75	17.87	17.65	19.00
1.4	256QAM	6	0	17.57	17.79	17.76	19.00

【LTE Band 4_Ant 1_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	Tune-up limit (dBm)
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	21.91	22.03	21.82	23.20
20	QPSK	1	49	21.75	22.01	21.67	23.20
20	QPSK	1	99	21.80	21.93	21.77	23.20
20	QPSK	50	0	21.93	22.10	21.87	23.20
20	QPSK	50	24	21.97	22.05	21.80	23.20
20	QPSK	50	50	21.87	22.04	21.80	23.20
20	QPSK	100	0	21.87	22.04	21.87	23.20
20	16QAM	1	0	22.04	22.12	21.86	23.20
20	16QAM	1	49	21.94	22.13	21.87	23.20
20	16QAM	1	99	22.06	22.17	22.00	23.20
20	16QAM	50	0	20.92	20.99	20.70	22.20
20	16QAM	50	24	20.90	21.04	20.81	22.20
20	16QAM	50	50	20.88	21.04	20.80	22.20
20	16QAM	100	0	20.89	21.02	20.82	22.20
20	64QAM	1	0	20.88	21.03	20.79	22.20
20	64QAM	1	49	20.88	21.06	20.87	22.20
20	64QAM	1	99	20.94	21.12	20.84	22.20
20	64QAM	50	0	19.86	19.99	19.73	21.20
20	64QAM	50	24	19.88	20.01	19.83	21.20
20	64QAM	50	50	19.92	20.03	19.76	21.20
20	64QAM	100	0	19.88	20.02	19.77	21.20
20	256QAM	1	0	17.87	18.00	17.79	19.20
20	256QAM	1	49	18.07	18.21	18.04	19.20
20	256QAM	1	99	18.01	18.14	17.97	19.20
20	256QAM	50	0	17.83	17.95	17.75	19.20
20	256QAM	50	24	17.96	18.01	17.81	19.20
20	256QAM	50	50	17.89	18.03	17.77	19.20
20	256QAM	100	0	17.91	18.02	17.82	19.20
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	21.83	21.92	21.69	23.20
15	QPSK	1	37	21.62	21.88	21.57	23.20
15	QPSK	1	74	21.68	21.78	21.65	23.20
15	QPSK	36	0	21.84	21.98	21.79	23.20
15	QPSK	36	20	21.93	21.94	21.78	23.20
15	QPSK	36	39	21.82	21.99	21.70	23.20
15	QPSK	75	0	21.77	21.90	21.82	23.20

15	16QAM	1	0	21.96	22.10	21.75	23.20
15	16QAM	1	37	21.82	22.00	21.75	23.20
15	16QAM	1	74	21.97	22.10	21.87	23.20
15	16QAM	36	0	20.88	20.91	20.60	22.20
15	16QAM	36	20	20.80	20.91	20.66	22.20
15	16QAM	36	39	20.76	20.90	20.73	22.20
15	16QAM	75	0	20.77	20.97	20.76	22.20
15	64QAM	1	0	20.82	20.91	20.71	22.20
15	64QAM	1	37	20.76	20.94	20.79	22.20
15	64QAM	1	74	20.83	21.03	20.70	22.20
15	64QAM	36	0	19.80	19.88	19.62	21.20
15	64QAM	36	20	19.85	19.98	19.79	21.20
15	64QAM	36	39	19.80	19.89	19.75	21.20
15	64QAM	75	0	19.80	19.96	19.68	21.20
15	256QAM	1	0	17.83	17.96	17.65	19.20
15	256QAM	1	37	17.99	18.13	17.92	19.20
15	256QAM	1	74	17.87	18.05	17.92	19.20
15	256QAM	36	0	17.75	17.93	17.62	19.20
15	256QAM	36	20	17.92	17.97	17.69	19.20
15	256QAM	36	39	17.82	17.99	17.64	19.20
15	256QAM	75	0	17.81	17.98	17.68	19.20
Channel				20000	20175	20350	Tune-up limit
Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	21.88	21.97	21.68	23.20
10	QPSK	1	25	21.71	21.90	21.55	23.20
10	QPSK	1	49	21.67	21.84	21.69	23.20
10	QPSK	25	0	21.87	22.01	21.76	23.20
10	QPSK	25	12	21.86	21.95	21.70	23.20
10	QPSK	25	25	21.74	21.95	21.65	23.20
10	QPSK	50	0	21.75	21.97	21.85	23.20
10	16QAM	1	0	21.94	22.02	21.74	23.20
10	16QAM	1	25	21.83	22.09	21.84	23.20
10	16QAM	1	49	22.03	22.11	21.94	23.20
10	16QAM	25	0	20.86	20.97	20.64	22.20
10	16QAM	25	12	20.87	20.99	20.72	22.20
10	16QAM	25	25	20.83	20.90	20.74	22.20
10	16QAM	50	0	20.79	20.88	20.80	22.20
10	64QAM	1	0	20.74	20.90	20.68	22.20
10	64QAM	1	25	20.85	21.05	20.75	22.20
10	64QAM	1	49	20.87	21.06	20.77	22.20
10	64QAM	25	0	19.74	19.87	19.60	21.20
10	64QAM	25	12	19.83	19.92	19.72	21.20
10	64QAM	25	25	19.88	19.96	19.71	21.20
10	64QAM	50	0	19.77	19.94	19.67	21.20
10	256QAM	1	0	17.83	17.90	17.72	19.20
10	256QAM	1	25	17.99	18.15	18.02	19.20
10	256QAM	1	49	17.98	18.06	17.92	19.20
10	256QAM	25	0	17.70	17.86	17.69	19.20
10	256QAM	25	12	17.94	17.90	17.68	19.20
10	256QAM	25	25	17.75	17.99	17.71	19.20
10	256QAM	50	0	17.77	17.93	17.75	19.20
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	21.83	21.99	21.74	23.20
5	QPSK	1	12	21.60	21.96	21.57	23.20
5	QPSK	1	24	21.69	21.85	21.68	23.20
5	QPSK	12	0	21.91	21.96	21.77	23.20
5	QPSK	12	7	21.93	22.03	21.69	23.20
5	QPSK	12	13	21.80	21.94	21.73	23.20
5	QPSK	25	0	21.78	21.90	21.78	23.20
5	16QAM	1	0	21.92	22.05	21.78	23.20
5	16QAM	1	12	21.84	22.05	21.74	23.20
5	16QAM	1	24	22.02	22.06	21.88	23.20
5	16QAM	12	0	20.79	20.93	20.58	22.20
5	16QAM	12	7	20.76	20.96	20.78	22.20
5	16QAM	12	13	20.80	20.99	20.73	22.20
5	16QAM	25	0	20.88	21.00	20.76	22.20
5	64QAM	1	0	20.80	20.91	20.69	22.20
5	64QAM	1	12	20.86	20.97	20.77	22.20
5	64QAM	1	24	20.82	20.98	20.75	22.20
5	64QAM	12	0	19.82	19.96	19.59	21.20
5	64QAM	12	7	19.77	19.86	19.78	21.20
5	64QAM	12	13	19.85	20.00	19.73	21.20
5	64QAM	25	0	19.84	19.99	19.65	21.20
5	256QAM	1	0	17.77	17.96	17.64	19.20
5	256QAM	1	12	18.04	18.19	17.99	19.20
5	256QAM	1	24	17.88	18.00	17.94	19.20
5	256QAM	12	0	17.72	17.92	17.70	19.20

5	256QAM	12	7	17.85	17.97	17.76	19.20
5	256QAM	12	13	17.80	17.89	17.66	19.20
5	256QAM	25	0	17.79	17.89	17.81	19.20
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	21.84	21.89	21.75	23.20
3	QPSK	1	8	21.64	21.92	21.59	23.20
3	QPSK	1	14	21.69	21.80	21.63	23.20
3	QPSK	8	0	21.88	22.03	21.85	23.20
3	QPSK	8	4	21.92	22.00	21.76	23.20
3	QPSK	8	7	21.83	22.01	21.78	23.20
3	QPSK	15	0	21.73	22.00	21.81	23.20
3	16QAM	1	0	21.96	22.06	21.79	23.20
3	16QAM	1	8	21.92	22.03	21.75	23.20
3	16QAM	1	14	21.99	22.11	21.89	23.20
3	16QAM	8	0	20.87	20.93	20.57	22.20
3	16QAM	8	4	20.86	20.98	20.75	22.20
3	16QAM	8	7	20.73	20.93	20.68	22.20
3	16QAM	15	0	20.87	20.99	20.78	22.20
3	64QAM	1	0	20.76	20.98	20.72	22.20
3	64QAM	1	8	20.87	20.92	20.83	22.20
3	64QAM	1	14	20.91	21.05	20.78	22.20
3	64QAM	8	0	19.78	19.85	19.70	21.20
3	64QAM	8	4	19.84	19.93	19.75	21.20
3	64QAM	8	7	19.80	19.96	19.63	21.20
3	64QAM	15	0	19.81	19.89	19.69	21.20
3	256QAM	1	0	17.72	17.88	17.76	19.20
3	256QAM	1	8	17.99	18.13	17.98	19.20
3	256QAM	1	14	17.95	18.05	17.96	19.20
3	256QAM	8	0	17.69	17.89	17.62	19.20
3	256QAM	8	4	17.90	17.86	17.69	19.20
3	256QAM	8	7	17.79	17.99	17.66	19.20
3	256QAM	15	0	17.82	17.90	17.68	19.20
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	21.82	21.89	21.77	23.20
1.4	QPSK	1	3	21.60	21.89	21.65	23.20
1.4	QPSK	1	5	21.66	21.86	21.73	23.20
1.4	QPSK	3	0	21.89	22.05	21.80	23.20
1.4	QPSK	3	1	21.83	21.92	21.74	23.20
1.4	QPSK	3	3	21.86	21.99	21.70	23.20
1.4	QPSK	6	0	21.83	22.02	21.78	23.20
1.4	16QAM	1	0	21.93	22.02	21.84	23.20
1.4	16QAM	1	3	21.80	22.11	21.78	23.20
1.4	16QAM	1	5	22.05	22.07	21.94	23.20
1.4	16QAM	3	0	21.90	21.86	21.61	23.20
1.4	16QAM	3	1	21.89	22.00	21.75	23.20
1.4	16QAM	3	3	21.87	21.93	21.66	23.20
1.4	16QAM	6	0	20.81	20.88	20.69	22.20
1.4	64QAM	1	0	20.74	21.00	20.74	22.20
1.4	64QAM	1	3	20.84	20.98	20.80	22.20
1.4	64QAM	1	5	20.82	21.03	20.80	22.20
1.4	64QAM	3	0	20.71	20.96	20.59	22.20
1.4	64QAM	3	1	20.74	20.97	20.75	22.20
1.4	64QAM	3	3	20.84	20.99	20.65	22.20
1.4	64QAM	6	0	19.74	19.91	19.71	21.20
1.4	256QAM	1	0	17.77	17.96	17.78	19.20
1.4	256QAM	1	3	18.00	18.17	18.02	19.20
1.4	256QAM	1	5	17.94	18.07	17.82	19.20
1.4	256QAM	3	0	17.69	17.87	17.64	19.20
1.4	256QAM	3	1	17.89	17.99	17.68	19.20
1.4	256QAM	3	3	17.82	17.94	17.72	19.20
1.4	256QAM	6	0	17.88	17.92	17.74	19.20

【LTE Band 4_Ant 1_ECI 6-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	21.90	22.06	21.79	23.20
20	QPSK	1	49	21.76	22.00	21.69	23.20
20	QPSK	1	99	21.80	21.99	21.76	23.20

20	QPSK	50	0	21.90	22.03	21.94	23.20
20	QPSK	50	24	21.94	21.98	21.76	23.20
20	QPSK	50	50	21.77	21.97	21.82	23.20
20	QPSK	100	0	21.81	21.91	21.76	23.20
20	16QAM	1	0	21.86	22.04	21.96	23.20
20	16QAM	1	49	21.87	21.98	21.84	23.20
20	16QAM	1	99	21.89	22.00	21.84	23.20
20	16QAM	50	0	20.83	21.02	20.89	22.20
20	16QAM	50	24	20.83	21.03	20.73	22.20
20	16QAM	50	50	20.92	21.01	20.88	22.20
20	16QAM	100	0	20.96	21.06	20.84	22.20
20	64QAM	1	0	20.83	20.96	20.85	22.20
20	64QAM	1	49	20.87	20.97	20.83	22.20
20	64QAM	1	99	20.83	20.98	20.88	22.20
20	64QAM	50	0	19.87	19.96	19.84	21.20
20	64QAM	50	24	19.78	19.94	19.76	21.20
20	64QAM	50	50	19.86	20.01	19.87	21.20
20	64QAM	100	0	19.87	20.05	19.88	21.20
20	256QAM	1	0	17.72	17.92	17.84	19.20
20	256QAM	1	49	17.73	17.99	17.77	19.20
20	256QAM	1	99	17.74	17.98	17.85	19.20
20	256QAM	50	0	17.79	17.86	17.76	19.20
20	256QAM	50	24	17.87	17.96	17.90	19.20
20	256QAM	50	50	17.80	17.93	17.78	19.20
20	256QAM	100	0	17.69	17.90	17.79	19.20
Channel				20025	20175	20325	Tune-up limit
Frequency (MHz)				1717.5	1732.5	1747.5	(dBm)
15	QPSK	1	0	21.79	21.92	21.69	23.20
15	QPSK	1	37	21.62	21.94	21.60	23.20
15	QPSK	1	74	21.69	21.90	21.69	23.20
15	QPSK	36	0	21.89	22.02	21.87	23.20
15	QPSK	36	20	21.84	21.95	21.63	23.20
15	QPSK	36	39	21.75	21.95	21.81	23.20
15	QPSK	75	0	21.67	21.80	21.73	23.20
15	16QAM	1	0	21.74	21.94	21.85	23.20
15	16QAM	1	37	21.75	21.94	21.80	23.20
15	16QAM	1	74	21.80	21.87	21.74	23.20
15	16QAM	36	0	20.80	20.98	20.84	22.20
15	16QAM	36	20	20.78	20.98	20.69	22.20
15	16QAM	36	39	20.90	20.98	20.78	22.20
15	16QAM	75	0	20.82	20.94	20.74	22.20
15	64QAM	1	0	20.81	20.90	20.77	22.20
15	64QAM	1	37	20.75	20.93	20.81	22.20
15	64QAM	1	74	20.78	20.96	20.75	22.20
15	64QAM	36	0	19.82	19.81	19.73	21.20
15	64QAM	36	20	19.65	19.80	19.68	21.20
15	64QAM	36	39	19.79	19.92	19.73	21.20
15	64QAM	75	0	19.77	20.04	19.80	21.20
15	256QAM	1	0	17.63	17.83	17.76	19.20
15	256QAM	1	37	17.65	17.95	17.71	19.20
15	256QAM	1	74	17.66	17.96	17.76	19.20
15	256QAM	36	0	17.75	17.81	17.66	19.20
15	256QAM	36	20	17.76	17.87	17.75	19.20
15	256QAM	36	39	17.78	17.83	17.72	19.20
15	256QAM	75	0	17.65	17.84	17.73	19.20
Channel				20000	20175	20350	Tune-up limit
Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	21.82	21.98	21.69	23.20
10	QPSK	1	25	21.70	21.97	21.66	23.20
10	QPSK	1	49	21.69	21.90	21.63	23.20
10	QPSK	25	0	21.84	22.02	21.90	23.20
10	QPSK	25	12	21.82	21.84	21.75	23.20
10	QPSK	25	25	21.63	21.96	21.71	23.20
10	QPSK	50	0	21.68	21.88	21.73	23.20
10	16QAM	1	0	21.80	21.97	21.84	23.20
10	16QAM	1	25	21.78	21.95	21.78	23.20
10	16QAM	1	49	21.76	21.95	21.74	23.20
10	16QAM	25	0	20.71	20.88	20.78	22.20
10	16QAM	25	12	20.80	20.99	20.64	22.20
10	16QAM	25	25	20.83	20.87	20.76	22.20
10	16QAM	50	0	20.86	21.00	20.71	22.20
10	64QAM	1	0	20.79	20.91	20.73	22.20
10	64QAM	1	25	20.76	20.85	20.72	22.20
10	64QAM	1	49	20.78	20.83	20.78	22.20
10	64QAM	25	0	19.81	19.92	19.80	21.20
10	64QAM	25	12	19.66	19.87	19.66	21.20
10	64QAM	25	25	19.82	19.93	19.81	21.20
10	64QAM	50	0	19.76	19.91	19.75	21.20

10	256QAM	1	0	17.57	17.82	17.80	19.20
10	256QAM	1	25	17.64	17.85	17.68	19.20
10	256QAM	1	49	17.69	17.94	17.74	19.20
10	256QAM	25	0	17.70	17.74	17.71	19.20
10	256QAM	25	12	17.83	17.87	17.78	19.20
10	256QAM	25	25	17.77	17.85	17.66	19.20
10	256QAM	50	0	17.58	17.84	17.71	19.20
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	21.83	22.00	21.65	23.20
5	QPSK	1	12	21.68	21.88	21.60	23.20
5	QPSK	1	24	21.69	21.95	21.71	23.20
5	QPSK	12	0	21.82	21.94	21.79	23.20
5	QPSK	12	7	21.83	21.88	21.67	23.20
5	QPSK	12	13	21.65	21.92	21.73	23.20
5	QPSK	25	0	21.69	21.77	21.71	23.20
5	16QAM	1	0	21.81	21.94	21.86	23.20
5	16QAM	1	12	21.79	21.97	21.80	23.20
5	16QAM	1	24	21.74	21.86	21.82	23.20
5	16QAM	12	0	20.68	20.93	20.77	22.20
5	16QAM	12	7	20.72	20.88	20.66	22.20
5	16QAM	12	13	20.81	20.99	20.81	22.20
5	16QAM	25	0	20.86	20.91	20.73	22.20
5	64QAM	1	0	20.82	20.87	20.84	22.20
5	64QAM	1	12	20.79	20.91	20.76	22.20
5	64QAM	1	24	20.70	20.94	20.83	22.20
5	64QAM	12	0	19.74	19.86	19.77	21.20
5	64QAM	12	7	19.63	19.93	19.64	21.20
5	64QAM	12	13	19.81	19.90	19.86	21.20
5	64QAM	25	0	19.82	19.99	19.77	21.20
5	256QAM	1	0	17.71	17.87	17.75	19.20
5	256QAM	1	12	17.65	17.94	17.67	19.20
5	256QAM	1	24	17.59	17.88	17.77	19.20
5	256QAM	12	0	17.65	17.76	17.65	19.20
5	256QAM	12	7	17.77	17.88	17.85	19.20
5	256QAM	12	13	17.65	17.86	17.70	19.20
5	256QAM	25	0	17.63	17.81	17.65	19.20
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	21.81	21.97	21.73	23.20
3	QPSK	1	8	21.66	21.91	21.63	23.20
3	QPSK	1	14	21.77	21.93	21.70	23.20
3	QPSK	8	0	21.84	21.99	21.81	23.20
3	QPSK	8	4	21.83	21.86	21.69	23.20
3	QPSK	8	7	21.65	21.92	21.74	23.20
3	QPSK	15	0	21.79	21.78	21.68	23.20
3	16QAM	1	0	21.74	21.98	21.82	23.20
3	16QAM	1	8	21.83	21.86	21.73	23.20
3	16QAM	1	14	21.80	21.86	21.73	23.20
3	16QAM	8	0	20.80	20.98	20.75	22.20
3	16QAM	8	4	20.69	21.01	20.69	22.20
3	16QAM	8	7	20.83	20.89	20.74	22.20
3	16QAM	15	0	20.83	20.92	20.70	22.20
3	64QAM	1	0	20.78	20.94	20.78	22.20
3	64QAM	1	8	20.72	20.88	20.72	22.20
3	64QAM	1	14	20.75	20.86	20.83	22.20
3	64QAM	8	0	19.86	19.91	19.74	21.20
3	64QAM	8	4	19.76	19.80	19.65	21.20
3	64QAM	8	7	19.84	19.89	19.80	21.20
3	64QAM	15	0	19.76	19.91	19.85	21.20
3	256QAM	1	0	17.63	17.89	17.76	19.20
3	256QAM	1	8	17.67	17.95	17.63	19.20
3	256QAM	1	14	17.66	17.88	17.84	19.20
3	256QAM	8	0	17.76	17.75	17.69	19.20
3	256QAM	8	4	17.80	17.82	17.88	19.20
3	256QAM	8	7	17.68	17.89	17.68	19.20
3	256QAM	15	0	17.60	17.81	17.73	19.20
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	21.87	22.04	21.77	23.20
1.4	QPSK	1	3	21.62	21.97	21.56	23.20
1.4	QPSK	1	5	21.69	21.96	21.70	23.20
1.4	QPSK	3	0	21.80	22.01	21.85	23.20
1.4	QPSK	3	1	21.83	21.87	21.72	23.20
1.4	QPSK	3	3	21.72	21.82	21.75	23.20
1.4	QPSK	6	0	21.71	21.85	21.74	23.20
1.4	16QAM	1	0	21.72	22.02	21.82	23.20
1.4	16QAM	1	3	21.77	21.84	21.76	23.20

1.4	16QAM	1	5	21.78	21.97	21.74	23.20
1.4	16QAM	3	0	21.75	21.94	21.85	23.20
1.4	16QAM	3	1	21.68	21.96	21.64	23.20
1.4	16QAM	3	3	21.78	21.99	21.75	23.20
1.4	16QAM	6	0	20.86	20.96	20.72	22.20
1.4	64QAM	1	0	20.82	20.95	20.80	22.20
1.4	64QAM	1	3	20.80	20.95	20.77	22.20
1.4	64QAM	1	5	20.74	20.85	20.85	22.20
1.4	64QAM	3	0	20.79	20.88	20.79	22.20
1.4	64QAM	3	1	20.65	20.91	20.66	22.20
1.4	64QAM	3	3	20.72	20.98	20.76	22.20
1.4	64QAM	6	0	19.76	19.97	19.85	21.20
1.4	256QAM	1	0	17.60	17.82	17.78	19.20
1.4	256QAM	1	3	17.60	17.87	17.64	19.20
1.4	256QAM	1	5	17.66	17.94	17.83	19.20
1.4	256QAM	3	0	17.65	17.83	17.65	19.20
1.4	256QAM	3	1	17.73	17.87	17.83	19.20
1.4	256QAM	3	3	17.70	17.83	17.68	19.20
1.4	256QAM	6	0	17.64	17.79	17.74	19.20

【LTE Band 4_Ant 1_ECI 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	Tune-up limit (dBm)
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	19.42	19.48	19.42	20.60
20	QPSK	1	49	19.41	19.40	19.40	20.60
20	QPSK	1	99	19.39	19.46	19.38	20.60
20	QPSK	50	0	19.38	19.40	19.41	20.60
20	QPSK	50	24	19.38	19.40	19.39	20.60
20	QPSK	50	50	19.39	19.40	19.39	20.60
20	QPSK	100	0	19.42	19.46	19.44	20.60
20	16QAM	1	0	19.44	19.44	19.44	20.60
20	16QAM	1	49	19.36	19.43	19.41	20.60
20	16QAM	1	99	19.36	19.39	19.44	20.60
20	16QAM	50	0	19.41	19.41	19.39	20.60
20	16QAM	50	24	19.43	19.40	19.46	20.60
20	16QAM	50	50	19.45	19.36	19.41	20.60
20	16QAM	100	0	19.38	19.36	19.40	20.60
20	64QAM	1	0	19.42	19.45	19.38	20.60
20	64QAM	1	49	19.44	19.43	19.37	20.60
20	64QAM	1	99	19.39	19.45	19.40	20.60
20	64QAM	50	0	19.40	19.44	19.40	20.60
20	64QAM	50	24	19.37	19.42	19.37	20.60
20	64QAM	50	50	19.42	19.46	19.36	20.60
20	64QAM	100	0	19.45	19.37	19.38	20.60
20	256QAM	1	0	17.87	18.00	17.79	19.10
20	256QAM	1	49	18.07	18.21	18.04	19.10
20	256QAM	1	99	18.01	18.14	17.97	19.10
20	256QAM	50	0	17.83	17.95	17.75	19.10
20	256QAM	50	24	17.96	18.01	17.81	19.10
20	256QAM	50	50	17.89	18.03	17.77	19.10
20	256QAM	100	0	17.91	18.02	17.82	19.10
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	19.29	19.36	19.29	20.60
15	QPSK	1	37	19.30	19.28	19.26	20.60
15	QPSK	1	74	19.26	19.42	19.27	20.60
15	QPSK	36	0	19.25	19.28	19.40	20.60
15	QPSK	36	20	19.35	19.38	19.33	20.60
15	QPSK	36	39	19.33	19.35	19.36	20.60
15	QPSK	75	0	19.36	19.44	19.38	20.60
15	16QAM	1	0	19.36	19.29	19.32	20.60
15	16QAM	1	37	19.34	19.36	19.28	20.60
15	16QAM	1	74	19.25	19.27	19.38	20.60
15	16QAM	36	0	19.35	19.30	19.27	20.60
15	16QAM	36	20	19.29	19.33	19.38	20.60
15	16QAM	36	39	19.33	19.26	19.30	20.60
15	16QAM	75	0	19.33	19.25	19.37	20.60
15	64QAM	1	0	19.36	19.40	19.25	20.60
15	64QAM	1	37	19.31	19.40	19.26	20.60
15	64QAM	1	74	19.36	19.37	19.33	20.60

15	64QAM	36	0	19.33	19.33	19.37	20.60
15	64QAM	36	20	19.34	19.30	19.33	20.60
15	64QAM	36	39	19.41	19.38	19.35	20.60
15	64QAM	75	0	19.38	19.34	19.27	20.60
15	256QAM	1	0	17.86	17.95	17.67	19.10
15	256QAM	1	37	18.03	18.13	17.93	19.10
15	256QAM	1	74	17.97	18.10	17.91	19.10
15	256QAM	36	0	17.78	17.87	17.67	19.10
15	256QAM	36	20	17.88	17.94	17.78	19.10
15	256QAM	36	39	17.79	17.91	17.63	19.10
15	256QAM	75	0	17.86	17.95	17.77	19.10
Channel				20000	20175	20350	Tune-up limit
Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	19.28	19.42	19.39	20.60
10	QPSK	1	25	19.39	19.34	19.27	20.60
10	QPSK	1	49	19.27	19.44	19.31	20.60
10	QPSK	25	0	19.28	19.36	19.35	20.60
10	QPSK	25	12	19.30	19.31	19.25	20.60
10	QPSK	25	25	19.35	19.30	19.31	20.60
10	QPSK	50	0	19.30	19.34	19.41	20.60
10	16QAM	1	0	19.40	19.31	19.40	20.60
10	16QAM	1	25	19.27	19.39	19.36	20.60
10	16QAM	1	49	19.28	19.36	19.31	20.60
10	16QAM	25	0	19.34	19.38	19.32	20.60
10	16QAM	25	12	19.33	19.38	19.43	20.60
10	16QAM	25	25	19.31	19.27	19.34	20.60
10	16QAM	50	0	19.36	19.25	19.32	20.60
10	64QAM	1	0	19.33	19.43	19.25	20.60
10	64QAM	1	25	19.40	19.35	19.25	20.60
10	64QAM	1	49	19.33	19.39	19.31	20.60
10	64QAM	25	0	19.28	19.39	19.37	20.60
10	64QAM	25	12	19.26	19.35	19.35	20.60
10	64QAM	25	25	19.40	19.33	19.28	20.60
10	64QAM	50	0	19.31	19.27	19.25	20.60
10	256QAM	1	0	17.84	17.88	17.69	19.10
10	256QAM	1	25	17.92	18.16	17.93	19.10
10	256QAM	1	49	17.95	18.01	17.91	19.10
10	256QAM	25	0	17.73	17.89	17.68	19.10
10	256QAM	25	12	17.85	17.93	17.67	19.10
10	256QAM	25	25	17.78	17.91	17.67	19.10
10	256QAM	50	0	17.80	17.92	17.69	19.10
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	19.27	19.46	19.36	20.60
5	QPSK	1	12	19.35	19.38	19.37	20.60
5	QPSK	1	24	19.35	19.43	19.33	20.60
5	QPSK	12	0	19.31	19.35	19.39	20.60
5	QPSK	12	7	19.28	19.27	19.25	20.60
5	QPSK	12	13	19.32	19.39	19.33	20.60
5	QPSK	25	0	19.35	19.42	19.40	20.60
5	16QAM	1	0	19.37	19.34	19.39	20.60
5	16QAM	1	12	19.31	19.34	19.39	20.60
5	16QAM	1	24	19.30	19.37	19.35	20.60
5	16QAM	12	0	19.28	19.39	19.30	20.60
5	16QAM	12	7	19.35	19.35	19.36	20.60
5	16QAM	12	13	19.36	19.25	19.31	20.60
5	16QAM	25	0	19.27	19.31	19.26	20.60
5	64QAM	1	0	19.29	19.44	19.24	20.60
5	64QAM	1	12	19.39	19.31	19.28	20.60
5	64QAM	1	24	19.32	19.37	19.34	20.60
5	64QAM	12	0	19.35	19.43	19.30	20.60
5	64QAM	12	7	19.26	19.38	19.25	20.60
5	64QAM	12	13	19.38	19.39	19.28	20.60
5	64QAM	25	0	19.42	19.31	19.24	20.60
5	256QAM	1	0	17.75	17.97	17.75	19.10
5	256QAM	1	12	18.06	18.16	18.01	19.10
5	256QAM	1	24	17.88	18.07	17.85	19.10
5	256QAM	12	0	17.79	17.91	17.61	19.10
5	256QAM	12	7	17.87	17.95	17.78	19.10
5	256QAM	12	13	17.82	17.93	17.66	19.10
5	256QAM	25	0	17.78	17.97	17.77	19.10
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	19.27	19.36	19.32	20.60
3	QPSK	1	8	19.29	19.37	19.28	20.60
3	QPSK	1	14	19.30	19.36	19.34	20.60
3	QPSK	8	0	19.31	19.28	19.34	20.60
3	QPSK	8	4	19.35	19.39	19.29	20.60

3	QPSK	8	7	19.35	19.39	19.28	20.60
3	QPSK	15	0	19.37	19.33	19.36	20.60
3	16QAM	1	0	19.30	19.31	19.30	20.60
3	16QAM	1	8	19.22	19.29	19.37	20.60
3	16QAM	1	14	19.31	19.24	19.32	20.60
3	16QAM	8	0	19.30	19.32	19.34	20.60
3	16QAM	8	4	19.30	19.37	19.40	20.60
3	16QAM	8	7	19.40	19.27	19.37	20.60
3	16QAM	15	0	19.25	19.31	19.33	20.60
3	64QAM	1	0	19.29	19.36	19.31	20.60
3	64QAM	1	8	19.30	19.39	19.26	20.60
3	64QAM	1	14	19.37	19.36	19.33	20.60
3	64QAM	8	0	19.31	19.30	19.33	20.60
3	64QAM	8	4	19.34	19.31	19.29	20.60
3	64QAM	8	7	19.29	19.36	19.35	20.60
3	64QAM	15	0	19.36	19.36	19.27	20.60
3	256QAM	1	0	17.78	17.97	17.68	19.10
3	256QAM	1	8	18.04	18.08	17.99	19.10
3	256QAM	1	14	17.94	18.03	17.94	19.10
3	256QAM	8	0	17.74	17.93	17.67	19.10
3	256QAM	8	4	17.93	17.95	17.71	19.10
3	256QAM	8	7	17.82	18.02	17.71	19.10
3	256QAM	15	0	17.81	17.93	17.74	19.10
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	19.39	19.40	19.39	20.60
1.4	QPSK	1	3	19.36	19.29	19.33	20.60
1.4	QPSK	1	5	19.31	19.44	19.34	20.60
1.4	QPSK	3	0	19.23	19.26	19.34	20.60
1.4	QPSK	3	1	19.31	19.28	19.25	20.60
1.4	QPSK	3	3	19.30	19.38	19.35	20.60
1.4	QPSK	6	0	19.40	19.44	19.35	20.60
1.4	16QAM	1	0	19.38	19.33	19.36	20.60
1.4	16QAM	1	3	19.34	19.40	19.33	20.60
1.4	16QAM	1	5	19.23	19.31	19.30	20.60
1.4	16QAM	3	0	19.30	19.29	19.25	20.60
1.4	16QAM	3	1	19.40	19.27	19.38	20.60
1.4	16QAM	3	3	19.43	19.23	19.37	20.60
1.4	16QAM	6	0	19.34	19.22	19.28	20.60
1.4	64QAM	1	0	19.36	19.42	19.35	20.60
1.4	64QAM	1	3	19.39	19.32	19.28	20.60
1.4	64QAM	1	5	19.30	19.39	19.30	20.60
1.4	64QAM	3	0	19.30	19.39	19.34	20.60
1.4	64QAM	3	1	19.23	19.37	19.23	20.60
1.4	64QAM	3	3	19.29	19.36	19.34	20.60
1.4	64QAM	6	0	19.43	19.24	19.36	20.60
1.4	256QAM	1	0	17.83	17.88	17.66	19.10
1.4	256QAM	1	3	17.96	18.12	17.98	19.10
1.4	256QAM	1	5	17.90	18.08	17.92	19.10
1.4	256QAM	3	0	17.71	17.83	17.72	19.10
1.4	256QAM	3	1	17.88	17.98	17.69	19.10
1.4	256QAM	3	3	17.87	17.92	17.66	19.10
1.4	256QAM	6	0	17.80	17.90	17.68	19.10

【LTE Band 4_Ant 1_ECI 7-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	19.45	19.51	19.41	20.60
20	QPSK	1	49	19.46	19.45	19.45	20.60
20	QPSK	1	99	19.43	19.44	19.43	20.60
20	QPSK	50	0	19.44	19.43	19.47	20.60
20	QPSK	50	24	19.39	19.42	19.37	20.60
20	QPSK	50	50	19.37	19.41	19.45	20.60
20	QPSK	100	0	19.36	19.44	19.37	20.60
20	16QAM	1	0	19.44	19.41	19.41	20.60
20	16QAM	1	49	19.41	19.42	19.37	20.60
20	16QAM	1	99	19.38	19.45	19.39	20.60
20	16QAM	50	0	19.42	19.46	19.38	20.60
20	16QAM	50	24	19.40	19.41	19.42	20.60
20	16QAM	50	50	19.43	19.44	19.39	20.60

20	16QAM	100	0	19.39	19.38	19.39	20.60
20	64QAM	1	0	19.38	19.46	19.42	20.60
20	64QAM	1	49	19.37	19.39	19.45	20.60
20	64QAM	1	99	19.40	19.38	19.46	20.60
20	64QAM	50	0	19.37	19.40	19.45	20.60
20	64QAM	50	24	19.37	19.40	19.37	20.60
20	64QAM	50	50	19.41	19.46	19.45	20.60
20	64QAM	100	0	19.44	19.37	19.45	20.60
20	256QAM	1	0	17.72	17.92	17.84	19.10
20	256QAM	1	49	17.73	17.99	17.77	19.10
20	256QAM	1	99	17.74	17.98	17.85	19.10
20	256QAM	50	0	17.79	17.86	17.76	19.10
20	256QAM	50	24	17.87	17.96	17.90	19.10
20	256QAM	50	50	17.80	17.93	17.78	19.10
20	256QAM	100	0	17.69	17.90	17.79	19.10
Channel				20025	20175	20325	Tune-up limit
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	19.36	19.41	19.34	20.60
15	QPSK	1	37	19.42	19.33	19.30	20.60
15	QPSK	1	74	19.30	19.41	19.40	20.60
15	QPSK	36	0	19.41	19.39	19.33	20.60
15	QPSK	36	20	19.28	19.30	19.25	20.60
15	QPSK	36	39	19.33	19.38	19.32	20.60
15	QPSK	75	0	19.25	19.30	19.33	20.60
15	16QAM	1	0	19.33	19.30	19.32	20.60
15	16QAM	1	37	19.33	19.33	19.27	20.60
15	16QAM	1	74	19.26	19.35	19.37	20.60
15	16QAM	36	0	19.29	19.38	19.29	20.60
15	16QAM	36	20	19.32	19.34	19.29	20.60
15	16QAM	36	39	19.40	19.39	19.29	20.60
15	16QAM	75	0	19.33	19.29	19.37	20.60
15	64QAM	1	0	19.35	19.41	19.27	20.60
15	64QAM	1	37	19.30	19.33	19.37	20.60
15	64QAM	1	74	19.37	19.27	19.34	20.60
15	64QAM	36	0	19.25	19.32	19.31	20.60
15	64QAM	36	20	19.27	19.29	19.34	20.60
15	64QAM	36	39	19.27	19.34	19.41	20.60
15	64QAM	75	0	19.34	19.24	19.31	20.60
15	256QAM	1	0	17.69	17.82	17.78	19.10
15	256QAM	1	37	17.67	17.92	17.74	19.10
15	256QAM	1	74	17.59	17.87	17.82	19.10
15	256QAM	36	0	17.75	17.80	17.61	19.10
15	256QAM	36	20	17.81	17.93	17.79	19.10
15	256QAM	36	39	17.77	17.80	17.68	19.10
15	256QAM	75	0	17.58	17.84	17.65	19.10
Channel				20000	20175	20350	Tune-up limit
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	19.34	19.48	19.35	20.60
10	QPSK	1	25	19.31	19.42	19.42	20.60
10	QPSK	1	49	19.36	19.37	19.35	20.60
10	QPSK	25	0	19.31	19.31	19.29	20.60
10	QPSK	25	12	19.25	19.37	19.32	20.60
10	QPSK	25	25	19.22	19.27	19.39	20.60
10	QPSK	50	0	19.32	19.34	19.28	20.60
10	16QAM	1	0	19.34	19.32	19.31	20.60
10	16QAM	1	25	19.32	19.29	19.28	20.60
10	16QAM	1	49	19.33	19.33	19.26	20.60
10	16QAM	25	0	19.35	19.42	19.28	20.60
10	16QAM	25	12	19.31	19.29	19.34	20.60
10	16QAM	25	25	19.34	19.33	19.31	20.60
10	16QAM	50	0	19.34	19.27	19.25	20.60
10	64QAM	1	0	19.23	19.36	19.28	20.60
10	64QAM	1	25	19.32	19.36	19.41	20.60
10	64QAM	1	49	19.35	19.32	19.40	20.60
10	64QAM	25	0	19.36	19.31	19.36	20.60
10	64QAM	25	12	19.28	19.26	19.26	20.60
10	64QAM	25	25	19.36	19.41	19.40	20.60
10	64QAM	50	0	19.40	19.35	19.31	20.60
10	256QAM	1	0	17.59	17.78	17.72	19.10
10	256QAM	1	25	17.65	17.98	17.63	19.10
10	256QAM	1	49	17.61	17.90	17.72	19.10
10	256QAM	25	0	17.75	17.78	17.69	19.10
10	256QAM	25	12	17.78	17.92	17.88	19.10
10	256QAM	25	25	17.69	17.89	17.68	19.10
10	256QAM	50	0	17.65	17.80	17.77	19.10
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	19.34	19.50	19.35	20.60

5	QPSK	1	12	19.44	19.39	19.39	20.60
5	QPSK	1	24	19.32	19.30	19.29	20.60
5	QPSK	12	0	19.40	19.30	19.30	20.60
5	QPSK	12	7	19.25	19.35	19.29	20.60
5	QPSK	12	13	19.32	19.27	19.41	20.60
5	QPSK	25	0	19.27	19.40	19.26	20.60
5	16QAM	1	0	19.32	19.28	19.31	20.60
5	16QAM	1	12	19.39	19.29	19.29	20.60
5	16QAM	1	24	19.32	19.40	19.36	20.60
5	16QAM	12	0	19.35	19.32	19.31	20.60
5	16QAM	12	7	19.36	19.32	19.39	20.60
5	16QAM	12	13	19.35	19.35	19.28	20.60
5	16QAM	25	0	19.29	19.37	19.25	20.60
5	64QAM	1	0	19.24	19.41	19.32	20.60
5	64QAM	1	12	19.25	19.37	19.35	20.60
5	64QAM	1	24	19.31	19.28	19.34	20.60
5	64QAM	12	0	19.29	19.27	19.38	20.60
5	64QAM	12	7	19.25	19.29	19.22	20.60
5	64QAM	12	13	19.36	19.38	19.32	20.60
5	64QAM	25	0	19.37	19.26	19.33	20.60
5	256QAM	1	0	17.68	17.90	17.83	19.10
5	256QAM	1	12	17.69	17.89	17.74	19.10
5	256QAM	1	24	17.70	17.84	17.71	19.10
5	256QAM	12	0	17.71	17.71	17.72	19.10
5	256QAM	12	7	17.82	17.88	17.76	19.10
5	256QAM	12	13	17.67	17.82	17.64	19.10
5	256QAM	25	0	17.67	17.83	17.73	19.10
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	19.39	19.46	19.35	20.60
3	QPSK	1	8	19.43	19.31	19.35	20.60
3	QPSK	1	14	19.37	19.41	19.42	20.60
3	QPSK	8	0	19.29	19.40	19.38	20.60
3	QPSK	8	4	19.35	19.33	19.28	20.60
3	QPSK	8	7	19.35	19.34	19.35	20.60
3	QPSK	15	0	19.33	19.37	19.33	20.60
3	16QAM	1	0	19.29	19.34	19.29	20.60
3	16QAM	1	8	19.36	19.28	19.31	20.60
3	16QAM	1	14	19.32	19.32	19.25	20.60
3	16QAM	8	0	19.35	19.41	19.24	20.60
3	16QAM	8	4	19.25	19.30	19.30	20.60
3	16QAM	8	7	19.31	19.42	19.30	20.60
3	16QAM	15	0	19.25	19.30	19.32	20.60
3	64QAM	1	0	19.31	19.34	19.38	20.60
3	64QAM	1	8	19.30	19.37	19.31	20.60
3	64QAM	1	14	19.35	19.26	19.32	20.60
3	64QAM	8	0	19.22	19.27	19.40	20.60
3	64QAM	8	4	19.24	19.27	19.35	20.60
3	64QAM	8	7	19.26	19.31	19.37	20.60
3	64QAM	15	0	19.34	19.25	19.33	20.60
3	256QAM	1	0	17.59	17.85	17.73	19.10
3	256QAM	1	8	17.59	17.96	17.72	19.10
3	256QAM	1	14	17.67	17.92	17.79	19.10
3	256QAM	8	0	17.65	17.82	17.69	19.10
3	256QAM	8	4	17.80	17.91	17.82	19.10
3	256QAM	8	7	17.71	17.84	17.66	19.10
3	256QAM	15	0	17.62	17.88	17.72	19.10
Channel				19957	20175	20393	Tune-up limit
Frequency (MHz)				1710.7	1732.5	1754.3	(dBm)
1.4	QPSK	1	0	19.30	19.44	19.32	20.60
1.4	QPSK	1	3	19.36	19.40	19.42	20.60
1.4	QPSK	1	5	19.33	19.40	19.35	20.60
1.4	QPSK	3	0	19.41	19.39	19.38	20.60
1.4	QPSK	3	1	19.27	19.34	19.33	20.60
1.4	QPSK	3	3	19.33	19.38	19.38	20.60
1.4	QPSK	6	0	19.33	19.40	19.25	20.60
1.4	16QAM	1	0	19.39	19.27	19.36	20.60
1.4	16QAM	1	3	19.28	19.38	19.32	20.60
1.4	16QAM	1	5	19.29	19.38	19.37	20.60
1.4	16QAM	3	0	19.27	19.40	19.33	20.60
1.4	16QAM	3	1	19.27	19.34	19.36	20.60
1.4	16QAM	3	3	19.33	19.33	19.38	20.60
1.4	16QAM	6	0	19.25	19.29	19.29	20.60
1.4	64QAM	1	0	19.27	19.40	19.30	20.60
1.4	64QAM	1	3	19.32	19.38	19.34	20.60
1.4	64QAM	1	5	19.39	19.37	19.32	20.60
1.4	64QAM	3	0	19.28	19.35	19.34	20.60
1.4	64QAM	3	1	19.24	19.39	19.30	20.60

1.4	64QAM	3	3	19.39	19.35	19.43	20.60
1.4	64QAM	6	0	19.42	19.36	19.41	20.60
1.4	256QAM	1	0	17.59	17.91	17.82	19.10
1.4	256QAM	1	3	17.67	17.86	17.67	19.10
1.4	256QAM	1	5	17.60	17.86	17.72	19.10
1.4	256QAM	3	0	17.69	17.78	17.69	19.10
1.4	256QAM	3	1	17.82	17.91	17.85	19.10
1.4	256QAM	3	3	17.67	17.91	17.68	19.10
1.4	256QAM	6	0	17.59	17.78	17.70	19.10

【LTE Band 4_Ant 4_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	Tune-up limit (dBm)
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	23.28	23.27	23.11	24.00
20	QPSK	1	49	23.13	23.16	22.94	24.00
20	QPSK	1	99	23.05	23.19	22.91	24.00
20	QPSK	50	0	22.09	22.21	21.97	23.00
20	QPSK	50	24	22.11	22.19	21.99	23.00
20	QPSK	50	50	22.08	22.18	21.90	23.00
20	QPSK	100	0	22.14	22.19	21.99	23.00
20	16QAM	1	0	22.49	22.54	22.28	23.00
20	16QAM	1	49	22.42	22.49	22.25	23.00
20	16QAM	1	99	22.41	22.52	22.30	23.00
20	16QAM	50	0	21.13	21.19	20.93	22.00
20	16QAM	50	24	21.06	21.15	20.99	22.00
20	16QAM	50	50	21.14	21.16	20.97	22.00
20	16QAM	100	0	21.14	21.19	20.91	22.00
20	64QAM	1	0	21.29	21.41	21.14	22.00
20	64QAM	1	49	21.17	21.31	21.10	22.00
20	64QAM	1	99	21.39	21.39	21.22	22.00
20	64QAM	50	0	20.09	20.19	19.96	21.00
20	64QAM	50	24	20.03	20.16	19.97	21.00
20	64QAM	50	50	20.12	20.17	19.97	21.00
20	64QAM	100	0	20.14	20.19	19.91	21.00
20	256QAM	1	0	18.25	18.38	18.14	19.00
20	256QAM	1	49	18.18	18.28	18.06	19.00
20	256QAM	1	99	18.29	18.32	18.17	19.00
20	256QAM	50	0	18.13	18.16	18.01	19.00
20	256QAM	50	24	18.01	18.14	17.95	19.00
20	256QAM	50	50	18.10	18.12	17.97	19.00
20	256QAM	100	0	18.12	18.16	18.01	19.00
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	23.16	23.16	23.01	24.00
15	QPSK	1	37	23.03	23.12	22.87	24.00
15	QPSK	1	74	22.93	23.17	22.82	24.00
15	QPSK	36	0	22.05	22.20	21.93	23.00
15	QPSK	36	20	22.02	22.04	21.88	23.00
15	QPSK	36	39	22.04	22.10	21.79	23.00
15	QPSK	75	0	22.02	22.06	21.87	23.00
15	16QAM	1	0	22.37	22.42	22.16	23.00
15	16QAM	1	37	22.40	22.44	22.17	23.00
15	16QAM	1	74	22.33	22.51	22.24	23.00
15	16QAM	36	0	21.01	21.12	20.82	22.00
15	16QAM	36	20	21.00	21.12	20.89	22.00
15	16QAM	36	39	21.05	21.14	20.93	22.00
15	16QAM	75	0	21.11	21.10	20.81	22.00
15	64QAM	1	0	21.24	21.29	21.05	22.00
15	64QAM	1	37	21.10	21.26	20.99	22.00
15	64QAM	1	74	21.29	21.24	21.08	22.00
15	64QAM	36	0	20.04	20.08	19.86	21.00
15	64QAM	36	20	19.99	20.15	19.92	21.00
15	64QAM	36	39	20.05	20.09	19.90	21.00
15	64QAM	75	0	20.12	20.17	19.78	21.00
15	256QAM	1	0	18.22	18.35	18.06	19.00
15	256QAM	1	37	18.08	18.27	17.97	19.00
15	256QAM	1	74	18.24	18.30	18.12	19.00
15	256QAM	36	0	18.11	18.06	17.88	19.00
15	256QAM	36	20	17.95	18.00	17.81	19.00
15	256QAM	36	39	17.98	18.09	17.87	19.00

15	256QAM	75	0	18.10	18.05	17.98	19.00
Channel				20000	20175	20350	Tune-up limit
Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	23.26	23.25	23.02	24.00
10	QPSK	1	25	23.11	23.14	22.80	24.00
10	QPSK	1	49	23.00	23.11	22.84	24.00
10	QPSK	25	0	22.04	22.09	21.87	23.00
10	QPSK	25	12	22.04	22.14	21.89	23.00
10	QPSK	25	25	21.99	22.09	21.80	23.00
10	QPSK	50	0	22.09	22.13	21.98	23.00
10	16QAM	1	0	22.37	22.46	22.15	23.00
10	16QAM	1	25	22.38	22.36	22.13	23.00
10	16QAM	1	49	22.34	22.39	22.24	23.00
10	16QAM	25	0	21.10	21.18	20.86	22.00
10	16QAM	25	12	20.96	21.06	20.94	22.00
10	16QAM	25	25	21.10	21.09	20.83	22.00
10	16QAM	50	0	21.09	21.10	20.83	22.00
10	64QAM	1	0	21.23	21.29	21.11	22.00
10	64QAM	1	25	21.14	21.24	21.08	22.00
10	64QAM	1	49	21.35	21.26	21.16	22.00
10	64QAM	25	0	20.05	20.11	19.83	21.00
10	64QAM	25	12	19.98	20.03	19.93	21.00
10	64QAM	25	25	20.10	20.15	19.92	21.00
10	64QAM	50	0	20.12	20.08	19.76	21.00
10	256QAM	1	0	18.16	18.34	18.07	19.00
10	256QAM	1	25	18.06	18.15	18.00	19.00
10	256QAM	1	49	18.17	18.24	18.14	19.00
10	256QAM	25	0	18.10	18.09	17.90	19.00
10	256QAM	25	12	17.93	18.01	17.93	19.00
10	256QAM	25	25	18.09	18.05	17.93	19.00
10	256QAM	50	0	18.00	18.06	17.88	19.00
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	23.17	23.21	23.02	24.00
5	QPSK	1	12	22.99	23.08	22.83	24.00
5	QPSK	1	24	22.98	23.04	22.87	24.00
5	QPSK	12	0	22.00	22.15	21.92	23.00
5	QPSK	12	7	21.97	22.06	21.98	23.00
5	QPSK	12	13	21.99	22.04	21.86	23.00
5	QPSK	25	0	22.05	22.07	21.86	23.00
5	16QAM	1	0	22.41	22.51	22.18	23.00
5	16QAM	1	12	22.38	22.38	22.11	23.00
5	16QAM	1	24	22.36	22.51	22.21	23.00
5	16QAM	12	0	21.08	21.11	20.90	22.00
5	16QAM	12	7	20.99	21.12	20.95	22.00
5	16QAM	12	13	21.12	21.14	20.83	22.00
5	16QAM	25	0	21.02	21.13	20.77	22.00
5	64QAM	1	0	21.21	21.31	21.00	22.00
5	64QAM	1	12	21.08	21.17	21.01	22.00
5	64QAM	1	24	21.37	21.26	21.13	22.00
5	64QAM	12	0	20.06	20.05	19.92	21.00
5	64QAM	12	7	19.97	20.02	19.95	21.00
5	64QAM	12	13	19.99	20.05	19.95	21.00
5	64QAM	25	0	20.12	20.12	19.83	21.00
5	256QAM	1	0	18.22	18.23	17.99	19.00
5	256QAM	1	12	18.13	18.26	18.01	19.00
5	256QAM	1	24	18.17	18.26	18.12	19.00
5	256QAM	12	0	18.02	18.02	18.00	19.00
5	256QAM	12	7	17.86	18.04	17.87	19.00
5	256QAM	12	13	18.08	18.02	17.94	19.00
5	256QAM	25	0	18.05	18.13	17.88	19.00
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	23.25	23.20	23.00	24.00
3	QPSK	1	8	23.06	23.04	22.91	24.00
3	QPSK	1	14	22.95	23.07	22.86	24.00
3	QPSK	8	0	21.95	22.07	21.93	23.00
3	QPSK	8	4	22.00	22.14	21.85	23.00
3	QPSK	8	7	21.94	22.10	21.86	23.00
3	QPSK	15	0	22.09	22.06	21.87	23.00
3	16QAM	1	0	22.46	22.49	22.24	23.00
3	16QAM	1	8	22.40	22.45	22.12	23.00
3	16QAM	1	14	22.29	22.46	22.22	23.00
3	16QAM	8	0	21.03	21.06	20.81	22.00
3	16QAM	8	4	20.99	21.02	20.97	22.00
3	16QAM	8	7	21.06	21.05	20.85	22.00
3	16QAM	15	0	21.10	21.05	20.79	22.00
3	64QAM	1	0	21.21	21.39	21.07	22.00

3	64QAM	1	8	21.15	21.26	21.05	22.00
3	64QAM	1	14	21.32	21.34	21.17	22.00
3	64QAM	8	0	20.07	20.10	19.92	21.00
3	64QAM	8	4	19.92	20.11	19.82	21.00
3	64QAM	8	7	20.04	20.09	19.82	21.00
3	64QAM	15	0	20.06	20.08	19.90	21.00
3	256QAM	1	0	18.21	18.29	18.03	19.00
3	256QAM	1	8	18.14	18.15	17.95	19.00
3	256QAM	1	14	18.17	18.22	18.13	19.00
3	256QAM	8	0	18.05	18.08	17.86	19.00
3	256QAM	8	4	17.88	18.04	17.87	19.00
3	256QAM	8	7	17.95	18.09	17.84	19.00
3	256QAM	15	0	18.03	18.09	17.88	19.00
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	23.19	23.21	22.98	24.00
1.4	QPSK	1	3	23.12	23.09	22.89	24.00
1.4	QPSK	1	5	22.93	23.06	22.83	24.00
1.4	QPSK	3	0	23.03	23.13	22.92	24.00
1.4	QPSK	3	1	23.05	23.10	22.87	24.00
1.4	QPSK	3	3	23.06	23.06	22.88	24.00
1.4	QPSK	6	0	22.09	22.15	21.92	23.00
1.4	16QAM	1	0	22.46	22.45	22.27	23.00
1.4	16QAM	1	3	22.33	22.37	22.15	23.00
1.4	16QAM	1	5	22.28	22.46	22.25	23.00
1.4	16QAM	3	0	22.07	22.12	21.81	23.00
1.4	16QAM	3	1	21.94	22.04	21.88	23.00
1.4	16QAM	3	3	22.03	22.06	21.88	23.00
1.4	16QAM	6	0	21.05	21.16	20.82	22.00
1.4	64QAM	1	0	21.17	21.32	21.07	22.00
1.4	64QAM	1	3	21.02	21.17	21.03	22.00
1.4	64QAM	1	5	21.35	21.27	21.16	22.00
1.4	64QAM	3	0	20.97	21.11	20.83	22.00
1.4	64QAM	3	1	20.99	21.07	20.89	22.00
1.4	64QAM	3	3	21.06	21.14	20.94	22.00
1.4	64QAM	6	0	20.02	20.15	19.85	21.00
1.4	256QAM	1	0	18.11	18.28	18.04	19.00
1.4	256QAM	1	3	18.13	18.20	18.05	19.00
1.4	256QAM	1	5	18.22	18.26	18.10	19.00
1.4	256QAM	3	0	17.99	18.10	17.98	19.00
1.4	256QAM	3	1	17.96	18.00	17.84	19.00
1.4	256QAM	3	3	18.07	18.04	17.93	19.00
1.4	256QAM	6	0	18.10	18.13	17.90	19.00

【LTE Band 4_Ant 4_Full Power-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	Tune-up limit (dBm)
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	23.13	23.18	23.07	24.00
20	QPSK	1	49	22.91	23.14	22.95	24.00
20	QPSK	1	99	22.89	23.01	22.87	24.00
20	QPSK	50	0	22.00	22.15	22.07	23.00
20	QPSK	50	24	21.91	22.12	22.01	23.00
20	QPSK	50	50	21.90	22.02	21.90	23.00
20	QPSK	100	0	21.99	22.14	21.99	23.00
20	16QAM	1	0	21.92	22.10	21.93	23.00
20	16QAM	1	49	21.86	22.13	21.86	23.00
20	16QAM	1	99	21.87	22.07	21.97	23.00
20	16QAM	50	0	20.95	21.07	21.01	22.00
20	16QAM	50	24	21.01	21.17	21.07	22.00
20	16QAM	50	50	21.07	21.11	21.09	22.00
20	16QAM	100	0	20.96	21.09	20.91	22.00
20	64QAM	1	0	20.92	21.05	20.99	22.00
20	64QAM	1	49	20.95	21.14	20.99	22.00
20	64QAM	1	99	20.97	21.18	21.03	22.00
20	64QAM	50	0	19.90	20.14	20.08	21.00
20	64QAM	50	24	20.04	20.10	19.98	21.00
20	64QAM	50	50	19.97	20.14	19.99	21.00
20	64QAM	100	0	19.96	20.14	19.98	21.00
20	256QAM	1	0	17.91	18.14	18.04	19.00
20	256QAM	1	49	17.90	18.06	17.93	19.00

20	256QAM	1	99	17.79	18.01	17.84	19.00
20	256QAM	50	0	18.04	18.12	17.91	19.00
20	256QAM	50	24	17.86	18.05	17.91	19.00
20	256QAM	50	50	17.81	18.04	17.97	19.00
20	256QAM	100	0	17.91	17.95	17.92	19.00
Channel				20025	20175	20325	Tune-up limit
Frequency (MHz)				1717.5	1732.5	1747.5	(dBm)
15	QPSK	1	0	23.08	23.10	22.96	24.00
15	QPSK	1	37	22.79	23.09	22.87	24.00
15	QPSK	1	74	22.85	22.99	22.76	24.00
15	QPSK	36	0	21.90	22.04	22.00	23.00
15	QPSK	36	20	21.87	22.10	21.94	23.00
15	QPSK	36	39	21.76	21.90	21.79	23.00
15	QPSK	75	0	21.94	22.02	21.94	23.00
15	16QAM	1	0	21.81	22.06	21.88	23.00
15	16QAM	1	37	21.78	22.01	21.74	23.00
15	16QAM	1	74	21.86	22.01	21.85	23.00
15	16QAM	36	0	20.86	20.95	20.89	22.00
15	16QAM	36	20	20.90	21.10	20.98	22.00
15	16QAM	36	39	21.02	21.08	20.94	22.00
15	16QAM	75	0	20.87	21.07	20.84	22.00
15	64QAM	1	0	20.86	20.91	20.90	22.00
15	64QAM	1	37	20.86	21.03	20.90	22.00
15	64QAM	1	74	20.92	21.09	20.95	22.00
15	64QAM	36	0	19.85	20.01	19.96	21.00
15	64QAM	36	20	19.93	19.95	19.85	21.00
15	64QAM	36	39	19.92	20.03	19.87	21.00
15	64QAM	75	0	19.81	20.02	19.89	21.00
15	256QAM	1	0	17.90	18.12	17.91	19.00
15	256QAM	1	37	17.86	17.97	17.88	19.00
15	256QAM	1	74	17.71	17.95	17.73	19.00
15	256QAM	36	0	17.96	17.98	17.90	19.00
15	256QAM	36	20	17.85	17.99	17.87	19.00
15	256QAM	36	39	17.77	17.92	17.82	19.00
15	256QAM	75	0	17.84	17.87	17.86	19.00
Channel				20000	20175	20350	Tune-up limit
Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	23.07	23.13	23.00	24.00
10	QPSK	1	25	22.81	23.10	22.89	24.00
10	QPSK	1	49	22.79	22.92	22.82	24.00
10	QPSK	25	0	21.86	22.07	22.03	23.00
10	QPSK	25	12	21.89	21.98	21.95	23.00
10	QPSK	25	25	21.88	21.96	21.86	23.00
10	QPSK	50	0	21.96	22.09	21.93	23.00
10	16QAM	1	0	21.87	22.00	21.82	23.00
10	16QAM	1	25	21.84	22.10	21.77	23.00
10	16QAM	1	49	21.85	21.95	21.87	23.00
10	16QAM	25	0	20.94	20.94	20.94	22.00
10	16QAM	25	12	20.99	21.11	20.93	22.00
10	16QAM	25	25	20.95	21.01	21.06	22.00
10	16QAM	50	0	20.94	20.98	20.80	22.00
10	64QAM	1	0	20.80	21.04	20.95	22.00
10	64QAM	1	25	20.92	21.06	20.95	22.00
10	64QAM	1	49	20.90	21.12	21.01	22.00
10	64QAM	25	0	19.76	20.00	20.01	21.00
10	64QAM	25	12	20.01	19.96	19.94	21.00
10	64QAM	25	25	19.83	20.02	19.89	21.00
10	64QAM	50	0	19.90	20.13	19.94	21.00
10	256QAM	1	0	17.77	18.12	17.93	19.00
10	256QAM	1	25	17.87	17.94	17.82	19.00
10	256QAM	1	49	17.70	17.90	17.75	19.00
10	256QAM	25	0	17.93	18.05	17.80	19.00
10	256QAM	25	12	17.78	17.91	17.89	19.00
10	256QAM	25	25	17.79	18.03	17.87	19.00
10	256QAM	50	0	17.85	17.91	17.80	19.00
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	23.02	23.09	23.04	24.00
5	QPSK	1	12	22.84	22.99	22.88	24.00
5	QPSK	1	24	22.79	22.96	22.74	24.00
5	QPSK	12	0	21.90	22.12	21.98	23.00
5	QPSK	12	7	21.81	21.97	21.99	23.00
5	QPSK	12	13	21.79	21.92	21.88	23.00
5	QPSK	25	0	21.89	22.04	21.84	23.00
5	16QAM	1	0	21.85	22.08	21.82	23.00
5	16QAM	1	12	21.75	22.01	21.81	23.00
5	16QAM	1	24	21.73	21.97	21.95	23.00
5	16QAM	12	0	20.92	20.94	20.98	22.00

5	16QAM	12	7	20.88	21.05	20.98	22.00
5	16QAM	12	13	20.99	21.06	21.04	22.00
5	16QAM	25	0	20.85	20.95	20.85	22.00
5	64QAM	1	0	20.84	21.00	20.86	22.00
5	64QAM	1	12	20.88	21.04	20.93	22.00
5	64QAM	1	24	20.86	21.05	20.99	22.00
5	64QAM	12	0	19.87	20.09	19.99	21.00
5	64QAM	12	7	19.96	20.01	19.89	21.00
5	64QAM	12	13	19.93	20.00	19.87	21.00
5	64QAM	25	0	19.85	20.08	19.87	21.00
5	256QAM	1	0	17.80	18.07	17.97	19.00
5	256QAM	1	12	17.85	18.02	17.88	19.00
5	256QAM	1	24	17.76	17.95	17.71	19.00
5	256QAM	12	0	17.92	18.06	17.86	19.00
5	256QAM	12	7	17.82	17.92	17.84	19.00
5	256QAM	12	13	17.78	18.02	17.88	19.00
5	256QAM	25	0	17.88	17.91	17.78	19.00
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	23.00	23.08	22.93	24.00
3	QPSK	1	8	22.86	23.01	22.92	24.00
3	QPSK	1	14	22.86	22.94	22.82	24.00
3	QPSK	8	0	21.92	22.13	22.01	23.00
3	QPSK	8	4	21.79	22.04	21.91	23.00
3	QPSK	8	7	21.80	21.98	21.81	23.00
3	QPSK	15	0	21.89	22.13	21.93	23.00
3	16QAM	1	0	21.89	21.98	21.79	23.00
3	16QAM	1	8	21.75	22.11	21.74	23.00
3	16QAM	1	14	21.83	22.06	21.95	23.00
3	16QAM	8	0	20.87	20.96	20.90	22.00
3	16QAM	8	4	21.00	21.10	21.02	22.00
3	16QAM	8	7	21.05	21.01	20.97	22.00
3	16QAM	15	0	20.90	20.95	20.89	22.00
3	64QAM	1	0	20.79	20.96	20.91	22.00
3	64QAM	1	8	20.85	21.09	20.86	22.00
3	64QAM	1	14	20.92	21.09	20.93	22.00
3	64QAM	8	0	19.82	20.04	19.98	21.00
3	64QAM	8	4	19.96	20.06	19.88	21.00
3	64QAM	8	7	19.83	19.99	19.89	21.00
3	64QAM	15	0	19.94	20.11	19.96	21.00
3	256QAM	1	0	17.78	18.08	17.89	19.00
3	256QAM	1	8	17.84	18.02	17.81	19.00
3	256QAM	1	14	17.76	17.86	17.74	19.00
3	256QAM	8	0	18.03	18.09	17.90	19.00
3	256QAM	8	4	17.80	17.94	17.89	19.00
3	256QAM	8	7	17.74	17.95	17.85	19.00
3	256QAM	15	0	17.90	17.89	17.84	19.00
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	23.11	23.12	22.95	24.00
1.4	QPSK	1	3	22.77	23.09	22.80	24.00
1.4	QPSK	1	5	22.81	22.91	22.77	24.00
1.4	QPSK	3	0	22.98	23.01	22.95	24.00
1.4	QPSK	3	1	22.87	23.06	22.91	24.00
1.4	QPSK	3	3	22.76	22.95	22.88	24.00
1.4	QPSK	6	0	21.93	22.11	21.87	23.00
1.4	16QAM	1	0	21.82	21.95	21.82	23.00
1.4	16QAM	1	3	21.78	22.08	21.72	23.00
1.4	16QAM	1	5	21.83	22.04	21.94	23.00
1.4	16QAM	3	0	21.85	21.95	21.88	23.00
1.4	16QAM	3	1	21.97	22.11	21.98	23.00
1.4	16QAM	3	3	21.93	21.97	21.99	23.00
1.4	16QAM	6	0	20.94	21.04	20.86	22.00
1.4	64QAM	1	0	20.86	20.97	20.97	22.00
1.4	64QAM	1	3	20.94	21.06	20.85	22.00
1.4	64QAM	1	5	20.92	21.04	20.92	22.00
1.4	64QAM	3	0	20.76	21.07	20.96	22.00
1.4	64QAM	3	1	20.92	21.07	20.90	22.00
1.4	64QAM	3	3	20.83	21.06	20.90	22.00
1.4	64QAM	6	0	19.84	20.11	19.97	21.00
1.4	256QAM	1	0	17.80	18.01	17.92	19.00
1.4	256QAM	1	3	17.83	17.95	17.92	19.00
1.4	256QAM	1	5	17.66	17.87	17.83	19.00
1.4	256QAM	3	0	17.97	18.11	17.87	19.00
1.4	256QAM	3	1	17.85	18.00	17.89	19.00
1.4	256QAM	3	3	17.71	18.03	17.85	19.00
1.4	256QAM	6	0	17.78	17.91	17.81	19.00

【LTE Band 4_Ant 4_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	17.80
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	16.92	16.94	16.76	17.80
20	QPSK	1	49	16.59	16.77	16.52	17.80
20	QPSK	1	99	16.55	16.78	16.55	17.80
20	QPSK	50	0	16.65	16.84	16.64	17.80
20	QPSK	50	24	16.63	16.79	16.57	17.80
20	QPSK	50	50	16.63	16.78	16.53	17.80
20	QPSK	100	0	16.65	16.75	16.58	17.80
20	16QAM	1	0	16.64	16.76	16.55	17.80
20	16QAM	1	49	16.61	16.80	16.61	17.80
20	16QAM	1	99	16.65	16.78	16.57	17.80
20	16QAM	50	0	16.57	16.77	16.57	17.80
20	16QAM	50	24	16.59	16.78	16.59	17.80
20	16QAM	50	50	16.55	16.79	16.52	17.80
20	16QAM	100	0	16.55	16.79	16.54	17.80
20	64QAM	1	0	16.62	16.75	16.54	17.80
20	64QAM	1	49	16.58	16.74	16.57	17.80
20	64QAM	1	99	16.64	16.75	16.55	17.80
20	64QAM	50	0	16.63	16.74	16.52	17.80
20	64QAM	50	24	16.64	16.80	16.57	17.80
20	64QAM	50	50	16.58	16.80	16.55	17.80
20	64QAM	100	0	16.57	16.84	16.56	17.80
20	256QAM	1	0	16.60	16.81	16.60	17.80
20	256QAM	1	49	16.61	16.83	16.60	17.80
20	256QAM	1	99	16.63	16.79	16.60	17.80
20	256QAM	50	0	16.61	16.79	16.56	17.80
20	256QAM	50	24	16.59	16.78	16.60	17.80
20	256QAM	50	50	16.57	16.77	16.54	17.80
20	256QAM	100	0	16.58	16.84	16.56	17.80
Channel				20025	20175	20325	17.80
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	16.87	16.81	16.67	17.80
15	QPSK	1	37	16.47	16.76	16.37	17.80
15	QPSK	1	74	16.52	16.75	16.47	17.80
15	QPSK	36	0	16.59	16.81	16.58	17.80
15	QPSK	36	20	16.52	16.65	16.43	17.80
15	QPSK	36	39	16.61	16.77	16.45	17.80
15	QPSK	75	0	16.63	16.70	16.54	17.80
15	16QAM	1	0	16.59	16.73	16.44	17.80
15	16QAM	1	37	16.53	16.79	16.59	17.80
15	16QAM	1	74	16.62	16.65	16.51	17.80
15	16QAM	36	0	16.43	16.75	16.46	17.80
15	16QAM	36	20	16.46	16.64	16.51	17.80
15	16QAM	36	39	16.43	16.73	16.44	17.80
15	16QAM	75	0	16.46	16.66	16.49	17.80
15	64QAM	1	0	16.57	16.67	16.47	17.80
15	64QAM	1	37	16.43	16.72	16.50	17.80
15	64QAM	1	74	16.54	16.67	16.48	17.80
15	64QAM	36	0	16.49	16.59	16.42	17.80
15	64QAM	36	20	16.60	16.71	16.43	17.80
15	64QAM	36	39	16.46	16.76	16.44	17.80
15	64QAM	75	0	16.45	16.77	16.45	17.80
15	256QAM	1	0	16.59	16.72	16.53	17.80
15	256QAM	1	37	16.52	16.80	16.58	17.80
15	256QAM	1	74	16.54	16.70	16.53	17.80
15	256QAM	36	0	16.53	16.67	16.48	17.80
15	256QAM	36	20	16.49	16.73	16.49	17.80
15	256QAM	36	39	16.43	16.69	16.49	17.80
15	256QAM	75	0	16.51	16.74	16.44	17.80
Channel				20000	20175	20350	17.80
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	16.87	16.84	16.70	17.80
10	QPSK	1	25	16.54	16.75	16.42	17.80
10	QPSK	1	49	16.48	16.69	16.50	17.80
10	QPSK	25	0	16.62	16.83	16.61	17.80
10	QPSK	25	12	16.48	16.68	16.46	17.80
10	QPSK	25	25	16.62	16.69	16.50	17.80
10	QPSK	50	0	16.52	16.65	16.43	17.80

10	16QAM	1	0	16.51	16.63	16.44	17.80
10	16QAM	1	25	16.47	16.74	16.50	17.80
10	16QAM	1	49	16.60	16.65	16.49	17.80
10	16QAM	25	0	16.52	16.63	16.42	17.80
10	16QAM	25	12	16.51	16.67	16.46	17.80
10	16QAM	25	25	16.44	16.64	16.49	17.80
10	16QAM	50	0	16.41	16.78	16.42	17.80
10	64QAM	1	0	16.54	16.70	16.51	17.80
10	64QAM	1	25	16.46	16.59	16.55	17.80
10	64QAM	1	49	16.58	16.67	16.43	17.80
10	64QAM	25	0	16.58	16.60	16.49	17.80
10	64QAM	25	12	16.53	16.75	16.43	17.80
10	64QAM	25	25	16.44	16.75	16.45	17.80
10	64QAM	50	0	16.53	16.76	16.50	17.80
10	256QAM	1	0	16.47	16.80	16.53	17.80
10	256QAM	1	25	16.51	16.69	16.56	17.80
10	256QAM	1	49	16.55	16.65	16.55	17.80
10	256QAM	25	0	16.51	16.75	16.41	17.80
10	256QAM	25	12	16.54	16.70	16.54	17.80
10	256QAM	25	25	16.53	16.63	16.50	17.80
10	256QAM	50	0	16.49	16.80	16.47	17.80
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	16.86	16.93	16.62	17.80
5	QPSK	1	12	16.51	16.75	16.42	17.80
5	QPSK	1	24	16.47	16.73	16.40	17.80
5	QPSK	12	0	16.61	16.82	16.60	17.80
5	QPSK	12	7	16.56	16.68	16.48	17.80
5	QPSK	12	13	16.50	16.75	16.46	17.80
5	QPSK	25	0	16.54	16.71	16.52	17.80
5	16QAM	1	0	16.57	16.72	16.53	17.80
5	16QAM	1	12	16.50	16.70	16.54	17.80
5	16QAM	1	24	16.57	16.75	16.47	17.80
5	16QAM	12	0	16.55	16.76	16.48	17.80
5	16QAM	12	7	16.55	16.63	16.47	17.80
5	16QAM	12	13	16.42	16.73	16.39	17.80
5	16QAM	25	0	16.48	16.71	16.40	17.80
5	64QAM	1	0	16.49	16.60	16.40	17.80
5	64QAM	1	12	16.45	16.64	16.51	17.80
5	64QAM	1	24	16.60	16.63	16.51	17.80
5	64QAM	12	0	16.59	16.71	16.38	17.80
5	64QAM	12	7	16.60	16.76	16.47	17.80
5	64QAM	12	13	16.47	16.70	16.51	17.80
5	64QAM	25	0	16.45	16.76	16.55	17.80
5	256QAM	1	0	16.56	16.76	16.51	17.80
5	256QAM	1	12	16.52	16.69	16.48	17.80
5	256QAM	1	24	16.51	16.66	16.56	17.80
5	256QAM	12	0	16.47	16.76	16.47	17.80
5	256QAM	12	7	16.56	16.73	16.49	17.80
5	256QAM	12	13	16.47	16.68	16.49	17.80
5	256QAM	25	0	16.50	16.76	16.41	17.80
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	16.90	16.85	16.67	17.80
3	QPSK	1	8	16.46	16.74	16.48	17.80
3	QPSK	1	14	16.45	16.74	16.51	17.80
3	QPSK	8	0	16.56	16.80	16.53	17.80
3	QPSK	8	4	16.61	16.77	16.53	17.80
3	QPSK	8	7	16.61	16.69	16.47	17.80
3	QPSK	15	0	16.51	16.73	16.45	17.80
3	16QAM	1	0	16.57	16.73	16.52	17.80
3	16QAM	1	8	16.52	16.77	16.58	17.80
3	16QAM	1	14	16.53	16.67	16.54	17.80
3	16QAM	8	0	16.44	16.68	16.49	17.80
3	16QAM	8	4	16.50	16.68	16.45	17.80
3	16QAM	8	7	16.50	16.66	16.44	17.80
3	16QAM	15	0	16.41	16.67	16.48	17.80
3	64QAM	1	0	16.56	16.68	16.44	17.80
3	64QAM	1	8	16.54	16.71	16.52	17.80
3	64QAM	1	14	16.63	16.72	16.49	17.80
3	64QAM	8	0	16.56	16.60	16.42	17.80
3	64QAM	8	4	16.56	16.76	16.44	17.80
3	64QAM	8	7	16.48	16.73	16.53	17.80
3	64QAM	15	0	16.53	16.82	16.50	17.80
3	256QAM	1	0	16.52	16.76	16.45	17.80
3	256QAM	1	8	16.46	16.68	16.56	17.80
3	256QAM	1	14	16.51	16.68	16.46	17.80
3	256QAM	8	0	16.54	16.74	16.47	17.80

3	256QAM	8	4	16.53	16.69	16.50	17.80
3	256QAM	8	7	16.52	16.71	16.42	17.80
3	256QAM	15	0	16.51	16.76	16.48	17.80
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	16.91	16.86	16.68	17.80
1.4	QPSK	1	3	16.57	16.62	16.42	17.80
1.4	QPSK	1	5	16.51	16.76	16.44	17.80
1.4	QPSK	3	0	16.59	16.73	16.57	17.80
1.4	QPSK	3	1	16.49	16.74	16.47	17.80
1.4	QPSK	3	3	16.57	16.68	16.46	17.80
1.4	QPSK	6	0	16.61	16.62	16.44	17.80
1.4	16QAM	1	0	16.51	16.65	16.52	17.80
1.4	16QAM	1	3	16.54	16.76	16.48	17.80
1.4	16QAM	1	5	16.59	16.71	16.53	17.80
1.4	16QAM	3	0	16.51	16.68	16.45	17.80
1.4	16QAM	3	1	16.45	16.63	16.56	17.80
1.4	16QAM	3	3	16.49	16.68	16.51	17.80
1.4	16QAM	6	0	16.40	16.68	16.41	17.80
1.4	64QAM	1	0	16.51	16.69	16.47	17.80
1.4	64QAM	1	3	16.53	16.60	16.54	17.80
1.4	64QAM	1	5	16.51	16.68	16.49	17.80
1.4	64QAM	3	0	16.62	16.73	16.41	17.80
1.4	64QAM	3	1	16.62	16.70	16.43	17.80
1.4	64QAM	3	3	16.50	16.73	16.52	17.80
1.4	64QAM	6	0	16.44	16.70	16.54	17.80
1.4	256QAM	1	0	16.48	16.70	16.46	17.80
1.4	256QAM	1	3	16.51	16.72	16.49	17.80
1.4	256QAM	1	5	16.57	16.71	16.53	17.80
1.4	256QAM	3	0	16.46	16.67	16.51	17.80
1.4	256QAM	3	1	16.57	16.66	16.48	17.80
1.4	256QAM	3	3	16.46	16.64	16.41	17.80
1.4	256QAM	6	0	16.45	16.73	16.50	17.80

【LTE Band 4_Ant 4_ECI 2-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	16.90	16.95	16.70	17.80
20	QPSK	1	49	16.54	16.78	16.48	17.80
20	QPSK	1	99	16.56	16.70	16.51	17.80
20	QPSK	50	0	16.54	16.84	16.54	17.80
20	QPSK	50	24	16.56	16.77	16.50	17.80
20	QPSK	50	50	16.53	16.73	16.51	17.80
20	QPSK	100	0	16.52	16.77	16.52	17.80
20	16QAM	1	0	16.56	16.75	16.52	17.80
20	16QAM	1	49	16.54	16.76	16.50	17.80
20	16QAM	1	99	16.57	16.73	16.46	17.80
20	16QAM	50	0	16.55	16.72	16.53	17.80
20	16QAM	50	24	16.52	16.73	16.47	17.80
20	16QAM	50	50	16.52	16.78	16.46	17.80
20	16QAM	100	0	16.54	16.70	16.50	17.80
20	64QAM	1	0	16.58	16.69	16.52	17.80
20	64QAM	1	49	16.55	16.71	16.46	17.80
20	64QAM	1	99	16.54	16.76	16.51	17.80
20	64QAM	50	0	16.58	16.69	16.47	17.80
20	64QAM	50	24	16.54	16.74	16.55	17.80
20	64QAM	50	50	16.58	16.72	16.50	17.80
20	64QAM	100	0	16.58	16.73	16.47	17.80
20	256QAM	1	0	16.60	16.70	16.54	17.80
20	256QAM	1	49	16.59	16.71	16.55	17.80
20	256QAM	1	99	16.56	16.74	16.49	17.80
20	256QAM	50	0	16.59	16.77	16.49	17.80
20	256QAM	50	24	16.59	16.77	16.50	17.80
20	256QAM	50	50	16.54	16.76	16.49	17.80
20	256QAM	100	0	16.52	16.76	16.49	17.80
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	16.75	16.84	16.59	17.80
15	QPSK	1	37	16.44	16.76	16.46	17.80
15	QPSK	1	74	16.47	16.57	16.47	17.80

15	QPSK	36	0	16.40	16.73	16.53	17.80
15	QPSK	36	20	16.47	16.64	16.45	17.80
15	QPSK	36	39	16.42	16.70	16.44	17.80
15	QPSK	75	0	16.41	16.70	16.39	17.80
15	16QAM	1	0	16.51	16.74	16.38	17.80
15	16QAM	1	37	16.45	16.63	16.37	17.80
15	16QAM	1	74	16.47	16.64	16.37	17.80
15	16QAM	36	0	16.40	16.69	16.43	17.80
15	16QAM	36	20	16.45	16.59	16.33	17.80
15	16QAM	36	39	16.42	16.76	16.37	17.80
15	16QAM	75	0	16.42	16.59	16.38	17.80
15	64QAM	1	0	16.51	16.54	16.40	17.80
15	64QAM	1	37	16.50	16.66	16.36	17.80
15	64QAM	1	74	16.50	16.62	16.41	17.80
15	64QAM	36	0	16.50	16.58	16.42	17.80
15	64QAM	36	20	16.53	16.67	16.42	17.80
15	64QAM	36	39	16.49	16.68	16.36	17.80
15	64QAM	75	0	16.51	16.64	16.36	17.80
15	256QAM	1	0	16.47	16.64	16.52	17.80
15	256QAM	1	37	16.55	16.59	16.49	17.80
15	256QAM	1	74	16.49	16.60	16.46	17.80
15	256QAM	36	0	16.48	16.68	16.46	17.80
15	256QAM	36	20	16.55	16.71	16.44	17.80
15	256QAM	36	39	16.53	16.68	16.38	17.80
15	256QAM	75	0	16.46	16.69	16.41	17.80
Channel				20000	20175	20350	Tune-up limit
Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	16.81	16.90	16.59	17.80
10	QPSK	1	25	16.43	16.73	16.44	17.80
10	QPSK	1	49	16.46	16.62	16.42	17.80
10	QPSK	25	0	16.50	16.78	16.41	17.80
10	QPSK	25	12	16.50	16.64	16.46	17.80
10	QPSK	25	25	16.39	16.67	16.45	17.80
10	QPSK	50	0	16.41	16.67	16.47	17.80
10	16QAM	1	0	16.42	16.73	16.44	17.80
10	16QAM	1	25	16.48	16.61	16.39	17.80
10	16QAM	1	49	16.51	16.66	16.41	17.80
10	16QAM	25	0	16.43	16.61	16.52	17.80
10	16QAM	25	12	16.47	16.68	16.33	17.80
10	16QAM	25	25	16.49	16.73	16.35	17.80
10	16QAM	50	0	16.40	16.57	16.45	17.80
10	64QAM	1	0	16.44	16.60	16.47	17.80
10	64QAM	1	25	16.42	16.69	16.34	17.80
10	64QAM	1	49	16.42	16.69	16.43	17.80
10	64QAM	25	0	16.47	16.63	16.35	17.80
10	64QAM	25	12	16.51	16.70	16.43	17.80
10	64QAM	25	25	16.48	16.65	16.45	17.80
10	64QAM	50	0	16.51	16.66	16.33	17.80
10	256QAM	1	0	16.56	16.64	16.45	17.80
10	256QAM	1	25	16.53	16.61	16.50	17.80
10	256QAM	1	49	16.41	16.60	16.43	17.80
10	256QAM	25	0	16.44	16.65	16.44	17.80
10	256QAM	25	12	16.45	16.74	16.44	17.80
10	256QAM	25	25	16.40	16.61	16.47	17.80
10	256QAM	50	0	16.49	16.64	16.36	17.80
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	16.80	16.90	16.67	17.80
5	QPSK	1	12	16.47	16.67	16.37	17.80
5	QPSK	1	24	16.42	16.59	16.45	17.80
5	QPSK	12	0	16.45	16.77	16.52	17.80
5	QPSK	12	7	16.48	16.67	16.38	17.80
5	QPSK	12	13	16.47	16.64	16.41	17.80
5	QPSK	25	0	16.41	16.65	16.40	17.80
5	16QAM	1	0	16.43	16.72	16.44	17.80
5	16QAM	1	12	16.45	16.63	16.41	17.80
5	16QAM	1	24	16.50	16.67	16.32	17.80
5	16QAM	12	0	16.54	16.64	16.51	17.80
5	16QAM	12	7	16.47	16.69	16.37	17.80
5	16QAM	12	13	16.46	16.76	16.36	17.80
5	16QAM	25	0	16.46	16.59	16.44	17.80
5	64QAM	1	0	16.51	16.62	16.50	17.80
5	64QAM	1	12	16.53	16.60	16.31	17.80
5	64QAM	1	24	16.41	16.67	16.40	17.80
5	64QAM	12	0	16.44	16.59	16.38	17.80
5	64QAM	12	7	16.53	16.67	16.52	17.80
5	64QAM	12	13	16.57	16.66	16.44	17.80
5	64QAM	25	0	16.53	16.59	16.42	17.80

5	256QAM	1	0	16.54	16.56	16.40	17.80
5	256QAM	1	12	16.53	16.65	16.45	17.80
5	256QAM	1	24	16.53	16.69	16.36	17.80
5	256QAM	12	0	16.50	16.71	16.43	17.80
5	256QAM	12	7	16.57	16.69	16.40	17.80
5	256QAM	12	13	16.43	16.74	16.45	17.80
5	256QAM	25	0	16.43	16.62	16.47	17.80
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	16.78	16.89	16.63	17.80
3	QPSK	1	8	16.41	16.63	16.36	17.80
3	QPSK	1	14	16.50	16.59	16.39	17.80
3	QPSK	8	0	16.40	16.81	16.49	17.80
3	QPSK	8	4	16.45	16.66	16.44	17.80
3	QPSK	8	7	16.45	16.63	16.42	17.80
3	QPSK	15	0	16.51	16.64	16.38	17.80
3	16QAM	1	0	16.52	16.65	16.50	17.80
3	16QAM	1	8	16.44	16.69	16.39	17.80
3	16QAM	1	14	16.49	16.60	16.41	17.80
3	16QAM	8	0	16.43	16.67	16.51	17.80
3	16QAM	8	4	16.47	16.59	16.36	17.80
3	16QAM	8	7	16.40	16.74	16.36	17.80
3	16QAM	15	0	16.44	16.61	16.47	17.80
3	64QAM	1	0	16.50	16.60	16.49	17.80
3	64QAM	1	8	16.48	16.66	16.38	17.80
3	64QAM	1	14	16.41	16.69	16.38	17.80
3	64QAM	8	0	16.51	16.65	16.41	17.80
3	64QAM	8	4	16.51	16.62	16.43	17.80
3	64QAM	8	7	16.52	16.61	16.41	17.80
3	64QAM	15	0	16.44	16.69	16.43	17.80
3	256QAM	1	0	16.51	16.60	16.42	17.80
3	256QAM	1	8	16.50	16.70	16.42	17.80
3	256QAM	1	14	16.46	16.65	16.43	17.80
3	256QAM	8	0	16.53	16.74	16.44	17.80
3	256QAM	8	4	16.46	16.75	16.38	17.80
3	256QAM	8	7	16.41	16.66	16.39	17.80
3	256QAM	15	0	16.43	16.71	16.47	17.80
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	16.78	16.88	16.64	17.80
1.4	QPSK	1	3	16.51	16.76	16.35	17.80
1.4	QPSK	1	5	16.45	16.61	16.42	17.80
1.4	QPSK	3	0	16.46	16.75	16.43	17.80
1.4	QPSK	3	1	16.52	16.73	16.37	17.80
1.4	QPSK	3	3	16.51	16.69	16.47	17.80
1.4	QPSK	6	0	16.43	16.66	16.45	17.80
1.4	16QAM	1	0	16.50	16.66	16.45	17.80
1.4	16QAM	1	3	16.40	16.70	16.40	17.80
1.4	16QAM	1	5	16.51	16.70	16.38	17.80
1.4	16QAM	3	0	16.41	16.70	16.39	17.80
1.4	16QAM	3	1	16.50	16.69	16.42	17.80
1.4	16QAM	3	3	16.47	16.75	16.42	17.80
1.4	16QAM	6	0	16.40	16.65	16.36	17.80
1.4	64QAM	1	0	16.46	16.61	16.43	17.80
1.4	64QAM	1	3	16.48	16.59	16.43	17.80
1.4	64QAM	1	5	16.39	16.67	16.40	17.80
1.4	64QAM	3	0	16.43	16.62	16.39	17.80
1.4	64QAM	3	1	16.44	16.71	16.53	17.80
1.4	64QAM	3	3	16.54	16.71	16.48	17.80
1.4	64QAM	6	0	16.52	16.66	16.35	17.80
1.4	256QAM	1	0	16.50	16.59	16.43	17.80
1.4	256QAM	1	3	16.46	16.59	16.47	17.80
1.4	256QAM	1	5	16.42	16.69	16.35	17.80
1.4	256QAM	3	0	16.51	16.75	16.40	17.80
1.4	256QAM	3	1	16.51	16.75	16.40	17.80
1.4	256QAM	3	3	16.51	16.69	16.36	17.80
1.4	256QAM	6	0	16.49	16.69	16.38	17.80

【LTE Band 4_Ant 4_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	

Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	16.40	16.48	16.27	17.80
20	QPSK	1	49	16.14	16.32	16.10	17.80
20	QPSK	1	99	16.14	16.33	16.09	17.80
20	QPSK	50	0	16.05	16.40	16.06	17.80
20	QPSK	50	24	16.07	16.28	16.06	17.80
20	QPSK	50	50	16.13	16.33	16.09	17.80
20	QPSK	100	0	16.12	16.24	16.02	17.80
20	16QAM	1	0	16.10	16.31	16.03	17.80
20	16QAM	1	49	16.15	16.30	16.10	17.80
20	16QAM	1	99	16.14	16.31	16.09	17.80
20	16QAM	50	0	16.08	16.32	16.03	17.80
20	16QAM	50	24	16.08	16.26	16.06	17.80
20	16QAM	50	50	16.10	16.27	16.08	17.80
20	16QAM	100	0	16.12	16.30	16.09	17.80
20	64QAM	1	0	16.08	16.27	16.04	17.80
20	64QAM	1	49	16.14	16.31	16.04	17.80
20	64QAM	1	99	16.11	16.26	16.10	17.80
20	64QAM	50	0	16.08	16.27	16.08	17.80
20	64QAM	50	24	16.10	16.30	16.04	17.80
20	64QAM	50	50	16.13	16.28	16.04	17.80
20	64QAM	100	0	16.08	16.27	16.08	17.80
20	256QAM	1	0	16.11	16.28	16.09	17.80
20	256QAM	1	49	16.15	16.32	16.03	17.80
20	256QAM	1	99	16.06	16.26	16.07	17.80
20	256QAM	50	0	16.07	16.29	16.09	17.80
20	256QAM	50	24	16.09	16.29	16.02	17.80
20	256QAM	50	50	16.06	16.27	16.05	17.80
20	256QAM	100	0	16.09	16.26	16.06	17.80
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	16.29	16.43	16.25	17.80
15	QPSK	1	37	16.10	16.31	16.07	17.80
15	QPSK	1	74	16.04	16.22	15.96	17.80
15	QPSK	36	0	15.94	16.27	15.98	17.80
15	QPSK	36	20	15.95	16.19	16.01	17.80
15	QPSK	36	39	16.06	16.27	16.02	17.80
15	QPSK	75	0	16.02	16.11	16.01	17.80
15	16QAM	1	0	16.00	16.26	15.96	17.80
15	16QAM	1	37	16.08	16.28	16.03	17.80
15	16QAM	1	74	16.05	16.28	15.98	17.80
15	16QAM	36	0	16.06	16.20	16.02	17.80
15	16QAM	36	20	16.04	16.14	16.01	17.80
15	16QAM	36	39	16.05	16.19	16.01	17.80
15	16QAM	75	0	16.02	16.28	16.06	17.80
15	64QAM	1	0	15.95	16.13	15.94	17.80
15	64QAM	1	37	16.03	16.25	16.01	17.80
15	64QAM	1	74	16.06	16.23	16.09	17.80
15	64QAM	36	0	16.01	16.20	16.01	17.80
15	64QAM	36	20	16.02	16.25	15.90	17.80
15	64QAM	36	39	16.09	16.26	15.89	17.80
15	64QAM	75	0	16.04	16.18	16.00	17.80
15	256QAM	1	0	16.09	16.16	16.01	17.80
15	256QAM	1	37	16.08	16.29	15.88	17.80
15	256QAM	1	74	15.98	16.15	15.95	17.80
15	256QAM	36	0	16.05	16.22	16.02	17.80
15	256QAM	36	20	16.05	16.22	15.92	17.80
15	256QAM	36	39	16.04	16.16	15.98	17.80
15	256QAM	75	0	15.95	16.17	15.98	17.80
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	16.38	16.41	16.24	17.80
10	QPSK	1	25	16.10	16.28	15.98	17.80
10	QPSK	1	49	16.03	16.20	16.02	17.80
10	QPSK	25	0	15.94	16.33	16.04	17.80
10	QPSK	25	12	16.05	16.21	16.00	17.80
10	QPSK	25	25	16.04	16.29	16.02	17.80
10	QPSK	50	0	16.04	16.20	15.92	17.80
10	16QAM	1	0	16.07	16.28	15.93	17.80
10	16QAM	1	25	16.05	16.26	16.07	17.80
10	16QAM	1	49	16.10	16.29	16.08	17.80
10	16QAM	25	0	16.06	16.20	15.98	17.80
10	16QAM	25	12	15.97	16.25	16.02	17.80
10	16QAM	25	25	15.96	16.13	16.02	17.80
10	16QAM	50	0	16.05	16.28	16.05	17.80
10	64QAM	1	0	15.93	16.13	15.93	17.80
10	64QAM	1	25	16.04	16.26	15.95	17.80
10	64QAM	1	49	16.00	16.14	16.05	17.80

10	64QAM	25	0	16.00	16.15	16.01	17.80
10	64QAM	25	12	16.03	16.16	16.02	17.80
10	64QAM	25	25	16.03	16.14	16.00	17.80
10	64QAM	50	0	15.96	16.25	16.06	17.80
10	256QAM	1	0	16.08	16.23	15.96	17.80
10	256QAM	1	25	16.09	16.18	16.01	17.80
10	256QAM	1	49	15.98	16.15	16.04	17.80
10	256QAM	25	0	15.96	16.20	16.03	17.80
10	256QAM	25	12	15.95	16.16	15.89	17.80
10	256QAM	25	25	16.04	16.20	16.01	17.80
10	256QAM	50	0	16.01	16.25	15.98	17.80
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	16.35	16.41	16.24	17.80
5	QPSK	1	12	16.03	16.24	16.01	17.80
5	QPSK	1	24	15.99	16.29	15.97	17.80
5	QPSK	12	0	15.94	16.29	15.98	17.80
5	QPSK	12	7	16.02	16.16	15.97	17.80
5	QPSK	12	13	16.11	16.24	15.96	17.80
5	QPSK	25	0	16.04	16.13	16.00	17.80
5	16QAM	1	0	15.98	16.29	15.89	17.80
5	16QAM	1	12	16.07	16.21	16.00	17.80
5	16QAM	1	24	15.99	16.28	16.04	17.80
5	16QAM	12	0	15.94	16.21	15.90	17.80
5	16QAM	12	7	15.96	16.20	15.98	17.80
5	16QAM	12	13	16.06	16.21	15.97	17.80
5	16QAM	25	0	16.06	16.25	16.08	17.80
5	64QAM	1	0	15.96	16.13	15.97	17.80
5	64QAM	1	12	16.10	16.21	15.95	17.80
5	64QAM	1	24	15.96	16.24	16.00	17.80
5	64QAM	12	0	16.06	16.23	16.03	17.80
5	64QAM	12	7	15.96	16.22	15.92	17.80
5	64QAM	12	13	16.11	16.19	15.96	17.80
5	64QAM	25	0	16.04	16.15	16.02	17.80
5	256QAM	1	0	15.98	16.24	16.01	17.80
5	256QAM	1	12	16.02	16.30	15.98	17.80
5	256QAM	1	24	16.01	16.24	15.92	17.80
5	256QAM	12	0	16.03	16.27	16.04	17.80
5	256QAM	12	7	16.05	16.20	16.01	17.80
5	256QAM	12	13	15.96	16.22	15.92	17.80
5	256QAM	25	0	15.94	16.16	15.98	17.80
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	16.34	16.45	16.15	17.80
3	QPSK	1	8	16.03	16.24	16.04	17.80
3	QPSK	1	14	16.05	16.27	15.95	17.80
3	QPSK	8	0	15.97	16.34	16.03	17.80
3	QPSK	8	4	16.06	16.19	15.95	17.80
3	QPSK	8	7	16.05	16.21	16.05	17.80
3	QPSK	15	0	16.08	16.15	15.98	17.80
3	16QAM	1	0	15.95	16.23	15.94	17.80
3	16QAM	1	8	16.14	16.22	16.07	17.80
3	16QAM	1	14	16.02	16.17	15.97	17.80
3	16QAM	8	0	16.06	16.26	15.94	17.80
3	16QAM	8	4	15.95	16.22	16.00	17.80
3	16QAM	8	7	16.00	16.21	15.94	17.80
3	16QAM	15	0	15.98	16.20	16.04	17.80
3	64QAM	1	0	15.99	16.14	16.00	17.80
3	64QAM	1	8	16.12	16.18	15.96	17.80
3	64QAM	1	14	15.98	16.23	15.98	17.80
3	64QAM	8	0	15.98	16.24	16.02	17.80
3	64QAM	8	4	15.97	16.15	16.00	17.80
3	64QAM	8	7	16.09	16.20	15.99	17.80
3	64QAM	15	0	16.05	16.24	15.95	17.80
3	256QAM	1	0	16.00	16.18	15.98	17.80
3	256QAM	1	8	16.07	16.28	16.02	17.80
3	256QAM	1	14	15.95	16.22	15.94	17.80
3	256QAM	8	0	16.02	16.18	15.96	17.80
3	256QAM	8	4	15.99	16.27	15.97	17.80
3	256QAM	8	7	16.00	16.23	15.92	17.80
3	256QAM	15	0	16.05	16.17	16.04	17.80
Channel				19957	20175	20393	Tune-up limit
Frequency (MHz)				1710.7	1732.5	1754.3	(dBm)
1.4	QPSK	1	0	16.27	16.44	16.13	17.80
1.4	QPSK	1	3	16.04	16.18	16.04	17.80
1.4	QPSK	1	5	16.04	16.27	15.98	17.80
1.4	QPSK	3	0	15.97	16.27	15.99	17.80
1.4	QPSK	3	1	16.01	16.20	16.03	17.80

1.4	QPSK	3	3	16.10	16.24	15.98	17.80
1.4	QPSK	6	0	16.10	16.13	15.94	17.80
1.4	16QAM	1	0	15.97	16.22	15.97	17.80
1.4	16QAM	1	3	16.10	16.26	16.04	17.80
1.4	16QAM	1	5	16.01	16.16	16.05	17.80
1.4	16QAM	3	0	15.95	16.29	16.00	17.80
1.4	16QAM	3	1	15.96	16.22	16.00	17.80
1.4	16QAM	3	3	15.98	16.19	16.05	17.80
1.4	16QAM	6	0	16.03	16.18	16.06	17.80
1.4	64QAM	1	0	16.03	16.20	15.98	17.80
1.4	64QAM	1	3	16.07	16.27	15.92	17.80
1.4	64QAM	1	5	16.00	16.23	16.00	17.80
1.4	64QAM	3	0	15.95	16.14	15.96	17.80
1.4	64QAM	3	1	16.05	16.21	16.01	17.80
1.4	64QAM	3	3	16.09	16.27	15.95	17.80
1.4	64QAM	6	0	16.00	16.21	16.03	17.80
1.4	256QAM	1	0	16.01	16.13	16.00	17.80
1.4	256QAM	1	3	16.10	16.22	15.90	17.80
1.4	256QAM	1	5	15.97	16.20	15.98	17.80
1.4	256QAM	3	0	15.95	16.21	16.08	17.80
1.4	256QAM	3	1	16.04	16.20	16.01	17.80
1.4	256QAM	3	3	16.03	16.24	16.01	17.80
1.4	256QAM	6	0	15.95	16.12	15.96	17.80

【LTE Band 4_Ant 4_ECI 3-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	16.39	16.41	16.23	17.80
20	QPSK	1	49	16.07	16.26	15.98	17.80
20	QPSK	1	99	16.10	16.23	15.99	17.80
20	QPSK	50	0	16.00	16.31	16.04	17.80
20	QPSK	50	24	16.07	16.23	15.98	17.80
20	QPSK	50	50	16.09	16.23	16.02	17.80
20	QPSK	100	0	16.04	16.20	16.05	17.80
20	16QAM	1	0	16.03	16.26	15.98	17.80
20	16QAM	1	49	16.07	16.19	16.04	17.80
20	16QAM	1	99	16.02	16.25	15.97	17.80
20	16QAM	50	0	16.07	16.20	15.99	17.80
20	16QAM	50	24	16.03	16.26	16.05	17.80
20	16QAM	50	50	16.05	16.25	16.03	17.80
20	16QAM	100	0	16.08	16.29	15.97	17.80
20	64QAM	1	0	16.06	16.22	15.98	17.80
20	64QAM	1	49	16.06	16.26	15.97	17.80
20	64QAM	1	99	16.08	16.24	15.97	17.80
20	64QAM	50	0	16.02	16.23	15.97	17.80
20	64QAM	50	24	16.09	16.28	16.00	17.80
20	64QAM	50	50	16.09	16.20	16.04	17.80
20	64QAM	100	0	16.05	16.26	16.06	17.80
20	256QAM	1	0	16.04	16.21	15.99	17.80
20	256QAM	1	49	16.03	16.23	15.96	17.80
20	256QAM	1	99	16.01	16.28	16.03	17.80
20	256QAM	50	0	16.06	16.24	16.00	17.80
20	256QAM	50	24	16.07	16.25	15.98	17.80
20	256QAM	50	50	16.03	16.19	16.04	17.80
20	256QAM	100	0	16.01	16.24	16.02	17.80
Channel				20025	20175	20325	Tune-up limit
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	16.33	16.30	16.19	17.80
15	QPSK	1	37	16.00	16.22	15.88	17.80
15	QPSK	1	74	16.01	16.13	15.93	17.80
15	QPSK	36	0	15.86	16.24	16.00	17.80
15	QPSK	36	20	15.94	16.20	15.95	17.80
15	QPSK	36	39	15.96	16.11	15.91	17.80
15	QPSK	75	0	15.93	16.16	15.97	17.80
15	16QAM	1	0	16.02	16.17	15.95	17.80
15	16QAM	1	37	16.04	16.18	15.94	17.80
15	16QAM	1	74	15.97	16.18	15.84	17.80
15	16QAM	36	0	16.05	16.09	15.94	17.80
15	16QAM	36	20	15.93	16.15	15.93	17.80
15	16QAM	36	39	15.93	16.20	15.98	17.80

15	16QAM	75	0	16.06	16.16	15.83	17.80
15	64QAM	1	0	15.93	16.07	15.91	17.80
15	64QAM	1	37	15.93	16.24	15.92	17.80
15	64QAM	1	74	16.05	16.17	15.83	17.80
15	64QAM	36	0	15.94	16.20	15.92	17.80
15	64QAM	36	20	16.03	16.16	15.87	17.80
15	64QAM	36	39	16.04	16.14	15.91	17.80
15	64QAM	75	0	15.99	16.24	16.01	17.80
15	256QAM	1	0	15.98	16.10	15.93	17.80
15	256QAM	1	37	15.96	16.13	15.90	17.80
15	256QAM	1	74	15.97	16.14	15.99	17.80
15	256QAM	36	0	15.96	16.12	15.94	17.80
15	256QAM	36	20	16.04	16.19	15.87	17.80
15	256QAM	36	39	15.90	16.12	15.99	17.80
15	256QAM	75	0	15.97	16.22	15.95	17.80
Channel				20000	20175	20350	Tune-up limit
Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	16.34	16.39	16.12	17.80
10	QPSK	1	25	16.03	16.20	15.90	17.80
10	QPSK	1	49	15.99	16.12	15.86	17.80
10	QPSK	25	0	15.93	16.28	15.93	17.80
10	QPSK	25	12	16.05	16.20	15.84	17.80
10	QPSK	25	25	15.97	16.14	15.88	17.80
10	QPSK	50	0	15.98	16.18	15.93	17.80
10	16QAM	1	0	15.91	16.17	15.94	17.80
10	16QAM	1	25	16.05	16.09	15.92	17.80
10	16QAM	1	49	16.01	16.11	15.92	17.80
10	16QAM	25	0	15.93	16.10	15.86	17.80
10	16QAM	25	12	15.91	16.16	15.98	17.80
10	16QAM	25	25	15.98	16.22	15.96	17.80
10	16QAM	50	0	16.06	16.21	15.90	17.80
10	64QAM	1	0	16.04	16.07	15.90	17.80
10	64QAM	1	25	15.93	16.14	15.90	17.80
10	64QAM	1	49	16.02	16.14	15.88	17.80
10	64QAM	25	0	15.88	16.21	15.92	17.80
10	64QAM	25	12	15.97	16.19	15.87	17.80
10	64QAM	25	25	15.94	16.07	15.98	17.80
10	64QAM	50	0	15.93	16.25	15.91	17.80
10	256QAM	1	0	16.00	16.12	15.85	17.80
10	256QAM	1	25	15.98	16.14	15.86	17.80
10	256QAM	1	49	15.97	16.21	16.02	17.80
10	256QAM	25	0	15.96	16.15	15.99	17.80
10	256QAM	25	12	16.03	16.20	15.94	17.80
10	256QAM	25	25	15.97	16.11	15.91	17.80
10	256QAM	50	0	15.87	16.17	15.98	17.80
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	16.28	16.35	16.19	17.80
5	QPSK	1	12	15.95	16.20	15.85	17.80
5	QPSK	1	24	16.00	16.11	15.84	17.80
5	QPSK	12	0	15.96	16.18	15.99	17.80
5	QPSK	12	7	16.05	16.12	15.93	17.80
5	QPSK	12	13	16.08	16.16	15.89	17.80
5	QPSK	25	0	15.97	16.12	15.92	17.80
5	16QAM	1	0	15.91	16.15	15.96	17.80
5	16QAM	1	12	15.99	16.09	15.96	17.80
5	16QAM	1	24	15.90	16.19	15.92	17.80
5	16QAM	12	0	16.03	16.19	15.89	17.80
5	16QAM	12	7	15.89	16.17	15.96	17.80
5	16QAM	12	13	15.98	16.17	15.97	17.80
5	16QAM	25	0	16.05	16.25	15.85	17.80
5	64QAM	1	0	15.92	16.19	15.94	17.80
5	64QAM	1	12	16.02	16.23	15.95	17.80
5	64QAM	1	24	15.97	16.10	15.90	17.80
5	64QAM	12	0	16.01	16.17	15.93	17.80
5	64QAM	12	7	16.04	16.16	15.93	17.80
5	64QAM	12	13	16.00	16.07	15.91	17.80
5	64QAM	25	0	15.92	16.13	15.96	17.80
5	256QAM	1	0	16.01	16.20	15.95	17.80
5	256QAM	1	12	15.88	16.22	15.82	17.80
5	256QAM	1	24	15.93	16.21	15.98	17.80
5	256QAM	12	0	15.98	16.10	15.95	17.80
5	256QAM	12	7	16.03	16.23	15.84	17.80
5	256QAM	12	13	15.94	16.06	15.98	17.80
5	256QAM	25	0	15.96	16.11	15.99	17.80
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	16.37	16.28	16.14	17.80

3	QPSK	1	8	15.97	16.18	15.91	17.80
3	QPSK	1	14	16.07	16.22	15.90	17.80
3	QPSK	8	0	15.86	16.24	15.89	17.80
3	QPSK	8	4	15.94	16.21	15.91	17.80
3	QPSK	8	7	16.07	16.18	15.94	17.80
3	QPSK	15	0	15.92	16.07	15.92	17.80
3	16QAM	1	0	15.92	16.12	15.93	17.80
3	16QAM	1	8	16.00	16.14	15.98	17.80
3	16QAM	1	14	15.96	16.13	15.93	17.80
3	16QAM	8	0	16.02	16.09	15.88	17.80
3	16QAM	8	4	15.91	16.17	15.98	17.80
3	16QAM	8	7	15.98	16.22	15.89	17.80
3	16QAM	15	0	16.00	16.14	15.87	17.80
3	64QAM	1	0	15.93	16.08	15.89	17.80
3	64QAM	1	8	15.91	16.16	15.95	17.80
3	64QAM	1	14	15.95	16.16	15.94	17.80
3	64QAM	8	0	15.95	16.09	15.85	17.80
3	64QAM	8	4	16.03	16.25	15.85	17.80
3	64QAM	8	7	15.99	16.05	15.96	17.80
3	64QAM	15	0	15.95	16.14	16.05	17.80
3	256QAM	1	0	16.03	16.11	15.84	17.80
3	256QAM	1	8	15.94	16.20	15.92	17.80
3	256QAM	1	14	15.88	16.26	15.91	17.80
3	256QAM	8	0	16.01	16.13	15.87	17.80
3	256QAM	8	4	15.94	16.12	15.93	17.80
3	256QAM	8	7	15.93	16.17	15.96	17.80
3	256QAM	15	0	15.99	16.17	15.90	17.80
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	16.33	16.34	16.13	17.80
1.4	QPSK	1	3	15.99	16.17	15.85	17.80
1.4	QPSK	1	5	16.04	16.11	15.87	17.80
1.4	QPSK	3	0	15.88	16.22	15.94	17.80
1.4	QPSK	3	1	15.98	16.20	15.87	17.80
1.4	QPSK	3	3	15.99	16.10	15.98	17.80
1.4	QPSK	6	0	15.92	16.07	15.90	17.80
1.4	16QAM	1	0	15.92	16.15	15.87	17.80
1.4	16QAM	1	3	16.05	16.07	15.96	17.80
1.4	16QAM	1	5	15.91	16.20	15.92	17.80
1.4	16QAM	3	0	15.94	16.15	15.91	17.80
1.4	16QAM	3	1	15.95	16.16	15.98	17.80
1.4	16QAM	3	3	15.97	16.22	15.93	17.80
1.4	16QAM	6	0	15.96	16.19	15.90	17.80
1.4	64QAM	1	0	16.05	16.08	15.90	17.80
1.4	64QAM	1	3	16.02	16.22	15.87	17.80
1.4	64QAM	1	5	16.05	16.15	15.88	17.80
1.4	64QAM	3	0	16.01	16.09	15.92	17.80
1.4	64QAM	3	1	16.01	16.20	15.88	17.80
1.4	64QAM	3	3	16.00	16.19	15.94	17.80
1.4	64QAM	6	0	16.00	16.16	16.02	17.80
1.4	256QAM	1	0	15.98	16.18	15.93	17.80
1.4	256QAM	1	3	15.91	16.10	15.86	17.80
1.4	256QAM	1	5	15.99	16.15	16.00	17.80
1.4	256QAM	3	0	15.95	16.14	15.91	17.80
1.4	256QAM	3	1	16.02	16.23	15.94	17.80
1.4	256QAM	3	3	16.00	16.15	16.02	17.80
1.4	256QAM	6	0	15.97	16.16	15.98	17.80

【LTE Band 4_Ant 4_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	23.28	23.27	23.11	24.00
20	QPSK	1	49	23.13	23.16	22.94	24.00
20	QPSK	1	99	23.05	23.19	22.91	24.00
20	QPSK	50	0	22.09	22.21	21.97	23.00
20	QPSK	50	24	22.11	22.19	21.99	23.00
20	QPSK	50	50	22.08	22.18	21.90	23.00
20	QPSK	100	0	22.14	22.19	21.99	23.00
20	16QAM	1	0	22.49	22.54	22.28	23.00
20	16QAM	1	49	22.42	22.49	22.25	23.00

20	16QAM	1	99	22.41	22.52	22.30	23.00
20	16QAM	50	0	21.13	21.19	20.93	22.00
20	16QAM	50	24	21.06	21.15	20.99	22.00
20	16QAM	50	50	21.14	21.16	20.97	22.00
20	16QAM	100	0	21.14	21.19	20.91	22.00
20	64QAM	1	0	21.29	21.41	21.14	22.00
20	64QAM	1	49	21.17	21.31	21.10	22.00
20	64QAM	1	99	21.39	21.39	21.22	22.00
20	64QAM	50	0	20.09	20.19	19.96	21.00
20	64QAM	50	24	20.03	20.16	19.97	21.00
20	64QAM	50	50	20.12	20.17	19.97	21.00
20	64QAM	100	0	20.14	20.19	19.91	21.00
20	256QAM	1	0	18.25	18.38	18.14	19.00
20	256QAM	1	49	18.18	18.28	18.06	19.00
20	256QAM	1	99	18.29	18.32	18.17	19.00
20	256QAM	50	0	18.13	18.16	18.01	19.00
20	256QAM	50	24	18.01	18.14	17.95	19.00
20	256QAM	50	50	18.10	18.12	17.97	19.00
20	256QAM	100	0	18.12	18.16	18.01	19.00
Channel				20025	20175	20325	Tune-up limit
Frequency (MHz)				1717.5	1732.5	1747.5	(dBm)
15	QPSK	1	0	23.16	23.16	23.01	24.00
15	QPSK	1	37	23.03	23.12	22.87	24.00
15	QPSK	1	74	22.93	23.17	22.82	24.00
15	QPSK	36	0	22.05	22.20	21.93	23.00
15	QPSK	36	20	22.02	22.04	21.88	23.00
15	QPSK	36	39	22.04	22.10	21.79	23.00
15	QPSK	75	0	22.02	22.06	21.87	23.00
15	16QAM	1	0	22.37	22.42	22.16	23.00
15	16QAM	1	37	22.40	22.44	22.17	23.00
15	16QAM	1	74	22.33	22.51	22.24	23.00
15	16QAM	36	0	21.01	21.12	20.82	22.00
15	16QAM	36	20	21.00	21.12	20.89	22.00
15	16QAM	36	39	21.05	21.14	20.93	22.00
15	16QAM	75	0	21.11	21.10	20.81	22.00
15	64QAM	1	0	21.24	21.29	21.05	22.00
15	64QAM	1	37	21.10	21.26	20.99	22.00
15	64QAM	1	74	21.29	21.24	21.08	22.00
15	64QAM	36	0	20.04	20.08	19.86	21.00
15	64QAM	36	20	19.99	20.15	19.92	21.00
15	64QAM	36	39	20.05	20.09	19.90	21.00
15	64QAM	75	0	20.12	20.17	19.78	21.00
15	256QAM	1	0	18.22	18.35	18.06	19.00
15	256QAM	1	37	18.08	18.27	17.97	19.00
15	256QAM	1	74	18.24	18.30	18.12	19.00
15	256QAM	36	0	18.11	18.06	17.88	19.00
15	256QAM	36	20	17.95	18.00	17.81	19.00
15	256QAM	36	39	17.98	18.09	17.87	19.00
15	256QAM	75	0	18.10	18.05	17.98	19.00
Channel				20000	20175	20350	Tune-up limit
Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	23.26	23.25	23.02	24.00
10	QPSK	1	25	23.11	23.14	22.80	24.00
10	QPSK	1	49	23.00	23.11	22.84	24.00
10	QPSK	25	0	22.04	22.09	21.87	23.00
10	QPSK	25	12	22.04	22.14	21.89	23.00
10	QPSK	25	25	21.99	22.09	21.80	23.00
10	QPSK	50	0	22.09	22.13	21.98	23.00
10	16QAM	1	0	22.37	22.46	22.15	23.00
10	16QAM	1	25	22.38	22.36	22.13	23.00
10	16QAM	1	49	22.34	22.39	22.24	23.00
10	16QAM	25	0	21.10	21.18	20.86	22.00
10	16QAM	25	12	20.96	21.06	20.94	22.00
10	16QAM	25	25	21.10	21.09	20.83	22.00
10	16QAM	50	0	21.09	21.10	20.83	22.00
10	64QAM	1	0	21.23	21.29	21.11	22.00
10	64QAM	1	25	21.14	21.24	21.08	22.00
10	64QAM	1	49	21.35	21.26	21.16	22.00
10	64QAM	25	0	20.05	20.11	19.83	21.00
10	64QAM	25	12	19.98	20.03	19.93	21.00
10	64QAM	25	25	20.10	20.15	19.92	21.00
10	64QAM	50	0	20.12	20.08	19.76	21.00
10	256QAM	1	0	18.16	18.34	18.07	19.00
10	256QAM	1	25	18.06	18.15	18.00	19.00
10	256QAM	1	49	18.17	18.24	18.14	19.00
10	256QAM	25	0	18.10	18.09	17.90	19.00
10	256QAM	25	12	17.93	18.01	17.93	19.00
10	256QAM	25	25	18.09	18.05	17.93	19.00

10	256QAM	50	0	18.00	18.06	17.88	19.00
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	23.17	23.21	23.02	24.00
5	QPSK	1	12	22.99	23.08	22.83	24.00
5	QPSK	1	24	22.98	23.04	22.87	24.00
5	QPSK	12	0	22.00	22.15	21.92	23.00
5	QPSK	12	7	21.97	22.06	21.98	23.00
5	QPSK	12	13	21.99	22.04	21.86	23.00
5	QPSK	25	0	22.05	22.07	21.86	23.00
5	16QAM	1	0	22.41	22.51	22.18	23.00
5	16QAM	1	12	22.38	22.38	22.11	23.00
5	16QAM	1	24	22.36	22.51	22.21	23.00
5	16QAM	12	0	21.08	21.11	20.90	22.00
5	16QAM	12	7	20.99	21.12	20.95	22.00
5	16QAM	12	13	21.12	21.14	20.83	22.00
5	16QAM	25	0	21.02	21.13	20.77	22.00
5	64QAM	1	0	21.21	21.31	21.00	22.00
5	64QAM	1	12	21.08	21.17	21.01	22.00
5	64QAM	1	24	21.37	21.26	21.13	22.00
5	64QAM	12	0	20.06	20.05	19.92	21.00
5	64QAM	12	7	19.97	20.02	19.95	21.00
5	64QAM	12	13	19.99	20.05	19.95	21.00
5	64QAM	25	0	20.12	20.12	19.83	21.00
5	256QAM	1	0	18.22	18.23	17.99	19.00
5	256QAM	1	12	18.13	18.26	18.01	19.00
5	256QAM	1	24	18.17	18.26	18.12	19.00
5	256QAM	12	0	18.02	18.02	18.00	19.00
5	256QAM	12	7	17.86	18.04	17.87	19.00
5	256QAM	12	13	18.08	18.02	17.94	19.00
5	256QAM	25	0	18.05	18.13	17.88	19.00
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	23.25	23.20	23.00	24.00
3	QPSK	1	8	23.06	23.04	22.91	24.00
3	QPSK	1	14	22.95	23.07	22.86	24.00
3	QPSK	8	0	21.95	22.07	21.93	23.00
3	QPSK	8	4	22.00	22.14	21.85	23.00
3	QPSK	8	7	21.94	22.10	21.86	23.00
3	QPSK	15	0	22.09	22.06	21.87	23.00
3	16QAM	1	0	22.46	22.49	22.24	23.00
3	16QAM	1	8	22.40	22.45	22.12	23.00
3	16QAM	1	14	22.29	22.46	22.22	23.00
3	16QAM	8	0	21.03	21.06	20.81	22.00
3	16QAM	8	4	20.99	21.02	20.97	22.00
3	16QAM	8	7	21.06	21.05	20.85	22.00
3	16QAM	15	0	21.10	21.05	20.79	22.00
3	64QAM	1	0	21.21	21.39	21.07	22.00
3	64QAM	1	8	21.15	21.26	21.05	22.00
3	64QAM	1	14	21.32	21.34	21.17	22.00
3	64QAM	8	0	20.07	20.10	19.92	21.00
3	64QAM	8	4	19.92	20.11	19.82	21.00
3	64QAM	8	7	20.04	20.09	19.82	21.00
3	64QAM	15	0	20.06	20.08	19.90	21.00
3	256QAM	1	0	18.21	18.29	18.03	19.00
3	256QAM	1	8	18.14	18.15	17.95	19.00
3	256QAM	1	14	18.17	18.22	18.13	19.00
3	256QAM	8	0	18.05	18.08	17.86	19.00
3	256QAM	8	4	17.88	18.04	17.87	19.00
3	256QAM	8	7	17.95	18.09	17.84	19.00
3	256QAM	15	0	18.03	18.09	17.88	19.00
Channel				19957	20175	20393	Tune-up limit
Frequency (MHz)				1710.7	1732.5	1754.3	(dBm)
1.4	QPSK	1	0	23.19	23.21	22.98	24.00
1.4	QPSK	1	3	23.12	23.09	22.89	24.00
1.4	QPSK	1	5	22.93	23.06	22.83	24.00
1.4	QPSK	3	0	23.03	23.13	22.92	24.00
1.4	QPSK	3	1	23.05	23.10	22.87	24.00
1.4	QPSK	3	3	23.06	23.06	22.88	24.00
1.4	QPSK	6	0	22.09	22.15	21.92	23.00
1.4	16QAM	1	0	22.46	22.45	22.27	23.00
1.4	16QAM	1	3	22.33	22.37	22.15	23.00
1.4	16QAM	1	5	22.28	22.46	22.25	23.00
1.4	16QAM	3	0	22.07	22.12	21.81	23.00
1.4	16QAM	3	1	21.94	22.04	21.88	23.00
1.4	16QAM	3	3	22.03	22.06	21.88	23.00
1.4	16QAM	6	0	21.05	21.16	20.82	22.00
1.4	64QAM	1	0	21.17	21.32	21.07	22.00

1.4	64QAM	1	3	21.02	21.17	21.03	22.00
1.4	64QAM	1	5	21.35	21.27	21.16	22.00
1.4	64QAM	3	0	20.97	21.11	20.83	22.00
1.4	64QAM	3	1	20.99	21.07	20.89	22.00
1.4	64QAM	3	3	21.06	21.14	20.94	22.00
1.4	64QAM	6	0	20.02	20.15	19.85	21.00
1.4	256QAM	1	0	18.11	18.28	18.04	19.00
1.4	256QAM	1	3	18.13	18.20	18.05	19.00
1.4	256QAM	1	5	18.22	18.26	18.10	19.00
1.4	256QAM	3	0	17.99	18.10	17.98	19.00
1.4	256QAM	3	1	17.96	18.00	17.84	19.00
1.4	256QAM	3	3	18.07	18.04	17.93	19.00
1.4	256QAM	6	0	18.10	18.13	17.90	19.00

【LTE Band 4_Ant 4_ECI 4-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	Tune-up limit (dBm)
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	23.13	23.18	23.07	24.00
20	QPSK	1	49	22.91	23.14	22.95	24.00
20	QPSK	1	99	22.89	23.01	22.87	24.00
20	QPSK	50	0	22.00	22.15	22.07	23.00
20	QPSK	50	24	21.91	22.12	22.01	23.00
20	QPSK	50	50	21.90	22.02	21.90	23.00
20	QPSK	100	0	21.99	22.14	21.99	23.00
20	16QAM	1	0	21.92	22.10	21.93	23.00
20	16QAM	1	49	21.86	22.13	21.86	23.00
20	16QAM	1	99	21.87	22.07	21.97	23.00
20	16QAM	50	0	20.95	21.07	21.01	22.00
20	16QAM	50	24	21.01	21.17	21.07	22.00
20	16QAM	50	50	21.07	21.11	21.09	22.00
20	16QAM	100	0	20.96	21.09	20.91	22.00
20	64QAM	1	0	20.92	21.05	20.99	22.00
20	64QAM	1	49	20.95	21.14	20.99	22.00
20	64QAM	1	99	20.97	21.18	21.03	22.00
20	64QAM	50	0	19.90	20.14	20.08	21.00
20	64QAM	50	24	20.04	20.10	19.98	21.00
20	64QAM	50	50	19.97	20.14	19.99	21.00
20	64QAM	100	0	19.96	20.14	19.98	21.00
20	256QAM	1	0	17.91	18.14	18.04	19.00
20	256QAM	1	49	17.90	18.06	17.93	19.00
20	256QAM	1	99	17.79	18.01	17.84	19.00
20	256QAM	50	0	18.04	18.12	17.91	19.00
20	256QAM	50	24	17.86	18.05	17.91	19.00
20	256QAM	50	50	17.81	18.04	17.97	19.00
20	256QAM	100	0	17.91	17.95	17.92	19.00
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	23.08	23.10	22.96	24.00
15	QPSK	1	37	22.79	23.09	22.87	24.00
15	QPSK	1	74	22.85	22.99	22.76	24.00
15	QPSK	36	0	21.90	22.04	22.00	23.00
15	QPSK	36	20	21.87	22.10	21.94	23.00
15	QPSK	36	39	21.76	21.90	21.79	23.00
15	QPSK	75	0	21.94	22.02	21.94	23.00
15	16QAM	1	0	21.81	22.06	21.88	23.00
15	16QAM	1	37	21.78	22.01	21.74	23.00
15	16QAM	1	74	21.86	22.01	21.85	23.00
15	16QAM	36	0	20.86	20.95	20.89	22.00
15	16QAM	36	20	20.90	21.10	20.98	22.00
15	16QAM	36	39	21.02	21.08	20.94	22.00
15	16QAM	75	0	20.87	21.07	20.84	22.00
15	64QAM	1	0	20.86	20.91	20.90	22.00
15	64QAM	1	37	20.86	21.03	20.90	22.00
15	64QAM	1	74	20.92	21.09	20.95	22.00
15	64QAM	36	0	19.85	20.01	19.96	21.00
15	64QAM	36	20	19.93	19.95	19.85	21.00
15	64QAM	36	39	19.92	20.03	19.87	21.00
15	64QAM	75	0	19.81	20.02	19.89	21.00
15	256QAM	1	0	17.90	18.12	17.91	19.00
15	256QAM	1	37	17.86	17.97	17.88	19.00

15	256QAM	1	74	17.71	17.95	17.73	19.00
15	256QAM	36	0	17.96	17.98	17.90	19.00
15	256QAM	36	20	17.85	17.99	17.87	19.00
15	256QAM	36	39	17.77	17.92	17.82	19.00
15	256QAM	75	0	17.84	17.87	17.86	19.00
Channel				20000	20175	20350	Tune-up limit
Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	23.07	23.13	23.00	24.00
10	QPSK	1	25	22.81	23.10	22.89	24.00
10	QPSK	1	49	22.79	22.92	22.82	24.00
10	QPSK	25	0	21.86	22.07	22.03	23.00
10	QPSK	25	12	21.89	21.98	21.95	23.00
10	QPSK	25	25	21.88	21.96	21.86	23.00
10	QPSK	50	0	21.96	22.09	21.93	23.00
10	16QAM	1	0	21.87	22.00	21.82	23.00
10	16QAM	1	25	21.84	22.10	21.77	23.00
10	16QAM	1	49	21.85	21.95	21.87	23.00
10	16QAM	25	0	20.94	20.94	20.94	22.00
10	16QAM	25	12	20.99	21.11	20.93	22.00
10	16QAM	25	25	20.95	21.01	21.06	22.00
10	16QAM	50	0	20.94	20.98	20.80	22.00
10	64QAM	1	0	20.80	21.04	20.95	22.00
10	64QAM	1	25	20.92	21.06	20.95	22.00
10	64QAM	1	49	20.90	21.12	21.01	22.00
10	64QAM	25	0	19.76	20.00	20.01	21.00
10	64QAM	25	12	20.01	19.96	19.94	21.00
10	64QAM	25	25	19.83	20.02	19.89	21.00
10	64QAM	50	0	19.90	20.13	19.94	21.00
10	256QAM	1	0	17.77	18.12	17.93	19.00
10	256QAM	1	25	17.87	17.94	17.82	19.00
10	256QAM	1	49	17.70	17.90	17.75	19.00
10	256QAM	25	0	17.93	18.05	17.80	19.00
10	256QAM	25	12	17.78	17.91	17.89	19.00
10	256QAM	25	25	17.79	18.03	17.87	19.00
10	256QAM	50	0	17.85	17.91	17.80	19.00
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	23.02	23.09	23.04	24.00
5	QPSK	1	12	22.84	22.99	22.88	24.00
5	QPSK	1	24	22.79	22.96	22.74	24.00
5	QPSK	12	0	21.90	22.12	21.98	23.00
5	QPSK	12	7	21.81	21.97	21.99	23.00
5	QPSK	12	13	21.79	21.92	21.88	23.00
5	QPSK	25	0	21.89	22.04	21.84	23.00
5	16QAM	1	0	21.85	22.08	21.82	23.00
5	16QAM	1	12	21.75	22.01	21.81	23.00
5	16QAM	1	24	21.73	21.97	21.95	23.00
5	16QAM	12	0	20.92	20.94	20.98	22.00
5	16QAM	12	7	20.88	21.05	20.98	22.00
5	16QAM	12	13	20.99	21.06	21.04	22.00
5	16QAM	25	0	20.85	20.95	20.85	22.00
5	64QAM	1	0	20.84	21.00	20.86	22.00
5	64QAM	1	12	20.88	21.04	20.93	22.00
5	64QAM	1	24	20.86	21.05	20.99	22.00
5	64QAM	12	0	19.87	20.09	19.99	21.00
5	64QAM	12	7	19.96	20.01	19.89	21.00
5	64QAM	12	13	19.93	20.00	19.87	21.00
5	64QAM	25	0	19.85	20.08	19.87	21.00
5	256QAM	1	0	17.80	18.07	17.97	19.00
5	256QAM	1	12	17.85	18.02	17.88	19.00
5	256QAM	1	24	17.76	17.95	17.71	19.00
5	256QAM	12	0	17.92	18.06	17.86	19.00
5	256QAM	12	7	17.82	17.92	17.84	19.00
5	256QAM	12	13	17.78	18.02	17.88	19.00
5	256QAM	25	0	17.88	17.91	17.78	19.00
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	23.00	23.08	22.93	24.00
3	QPSK	1	8	22.86	23.01	22.92	24.00
3	QPSK	1	14	22.86	22.94	22.82	24.00
3	QPSK	8	0	21.92	22.13	22.01	23.00
3	QPSK	8	4	21.79	22.04	21.91	23.00
3	QPSK	8	7	21.80	21.98	21.81	23.00
3	QPSK	15	0	21.89	22.13	21.93	23.00
3	16QAM	1	0	21.89	21.98	21.79	23.00
3	16QAM	1	8	21.75	22.11	21.74	23.00
3	16QAM	1	14	21.83	22.06	21.95	23.00
3	16QAM	8	0	20.87	20.96	20.90	22.00

3	16QAM	8	4	21.00	21.10	21.02	22.00
3	16QAM	8	7	21.05	21.01	20.97	22.00
3	16QAM	15	0	20.90	20.95	20.89	22.00
3	64QAM	1	0	20.79	20.96	20.91	22.00
3	64QAM	1	8	20.85	21.09	20.86	22.00
3	64QAM	1	14	20.92	21.09	20.93	22.00
3	64QAM	8	0	19.82	20.04	19.98	21.00
3	64QAM	8	4	19.96	20.06	19.88	21.00
3	64QAM	8	7	19.83	19.99	19.89	21.00
3	64QAM	15	0	19.94	20.11	19.96	21.00
3	256QAM	1	0	17.78	18.08	17.89	19.00
3	256QAM	1	8	17.84	18.02	17.81	19.00
3	256QAM	1	14	17.76	17.86	17.74	19.00
3	256QAM	8	0	18.03	18.09	17.90	19.00
3	256QAM	8	4	17.80	17.94	17.89	19.00
3	256QAM	8	7	17.74	17.95	17.85	19.00
3	256QAM	15	0	17.90	17.89	17.84	19.00
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	23.11	23.12	22.95	24.00
1.4	QPSK	1	3	22.77	23.09	22.80	24.00
1.4	QPSK	1	5	22.81	22.91	22.77	24.00
1.4	QPSK	3	0	22.98	23.01	22.95	24.00
1.4	QPSK	3	1	22.87	23.06	22.91	24.00
1.4	QPSK	3	3	22.76	22.95	22.88	24.00
1.4	QPSK	6	0	21.93	22.11	21.87	23.00
1.4	16QAM	1	0	21.82	21.95	21.82	23.00
1.4	16QAM	1	3	21.78	22.08	21.72	23.00
1.4	16QAM	1	5	21.83	22.04	21.94	23.00
1.4	16QAM	3	0	21.85	21.95	21.88	23.00
1.4	16QAM	3	1	21.97	22.11	21.98	23.00
1.4	16QAM	3	3	21.93	21.97	21.99	23.00
1.4	16QAM	6	0	20.94	21.04	20.86	22.00
1.4	64QAM	1	0	20.86	20.97	20.97	22.00
1.4	64QAM	1	3	20.94	21.06	20.85	22.00
1.4	64QAM	1	5	20.92	21.04	20.92	22.00
1.4	64QAM	3	0	20.76	21.07	20.96	22.00
1.4	64QAM	3	1	20.92	21.07	20.90	22.00
1.4	64QAM	3	3	20.83	21.06	20.90	22.00
1.4	64QAM	6	0	19.84	20.11	19.97	21.00
1.4	256QAM	1	0	17.80	18.01	17.92	19.00
1.4	256QAM	1	3	17.83	17.95	17.92	19.00
1.4	256QAM	1	5	17.66	17.87	17.83	19.00
1.4	256QAM	3	0	17.97	18.11	17.87	19.00
1.4	256QAM	3	1	17.85	18.00	17.89	19.00
1.4	256QAM	3	3	17.71	18.03	17.85	19.00
1.4	256QAM	6	0	17.78	17.91	17.81	19.00

【LTE Band 4_Ant 4_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	20.87	21.02	20.79	22.00
20	QPSK	1	49	20.80	20.74	20.81	22.00
20	QPSK	1	99	20.78	20.77	20.77	22.00
20	QPSK	50	0	20.85	20.88	20.87	22.00
20	QPSK	50	24	20.83	20.83	20.78	22.00
20	QPSK	50	50	20.81	20.83	20.83	22.00
20	QPSK	100	0	20.84	20.82	20.74	22.00
20	16QAM	1	0	20.77	20.83	20.77	22.00
20	16QAM	1	49	20.75	20.76	20.81	22.00
20	16QAM	1	99	20.78	20.75	20.78	22.00
20	16QAM	50	0	20.81	20.78	20.77	22.00
20	16QAM	50	24	20.81	20.78	20.80	22.00
20	16QAM	50	50	20.83	20.78	20.84	22.00
20	16QAM	100	0	20.84	20.74	20.80	22.00
20	64QAM	1	0	20.75	20.81	20.77	22.00
20	64QAM	1	49	20.76	20.76	20.79	22.00
20	64QAM	1	99	20.84	20.83	20.78	22.00
20	64QAM	50	0	20.09	20.19	19.96	21.00
20	64QAM	50	24	20.03	20.16	19.97	21.00

20	64QAM	50	50	20.12	20.17	19.97	21.00
20	64QAM	100	0	20.14	20.19	19.91	21.00
20	256QAM	1	0	18.25	18.38	18.14	19.00
20	256QAM	1	49	18.18	18.28	18.06	19.00
20	256QAM	1	99	18.29	18.32	18.17	19.00
20	256QAM	50	0	18.13	18.16	18.01	19.00
20	256QAM	50	24	18.01	18.14	17.95	19.00
20	256QAM	50	50	18.10	18.12	17.97	19.00
20	256QAM	100	0	18.12	18.16	18.01	19.00
Channel				20025	20175	20325	Tune-up limit
Frequency (MHz)				1717.5	1732.5	1747.5	(dBm)
15	QPSK	1	0	20.78	20.88	20.74	22.00
15	QPSK	1	37	20.74	20.72	20.70	22.00
15	QPSK	1	74	20.73	20.69	20.72	22.00
15	QPSK	36	0	20.81	20.78	20.78	22.00
15	QPSK	36	20	20.71	20.79	20.64	22.00
15	QPSK	36	39	20.70	20.76	20.80	22.00
15	QPSK	75	0	20.79	20.80	20.69	22.00
15	16QAM	1	0	20.69	20.69	20.65	22.00
15	16QAM	1	37	20.72	20.67	20.80	22.00
15	16QAM	1	74	20.74	20.60	20.64	22.00
15	16QAM	36	0	20.73	20.68	20.68	22.00
15	16QAM	36	20	20.78	20.66	20.75	22.00
15	16QAM	36	39	20.72	20.68	20.76	22.00
15	16QAM	75	0	20.73	20.62	20.70	22.00
15	64QAM	1	0	20.71	20.74	20.64	22.00
15	64QAM	1	37	20.73	20.69	20.66	22.00
15	64QAM	1	74	20.80	20.76	20.72	22.00
15	64QAM	36	0	20.06	20.05	19.82	21.00
15	64QAM	36	20	19.95	20.05	19.85	21.00
15	64QAM	36	39	20.03	20.05	19.96	21.00
15	64QAM	75	0	20.08	20.08	19.82	21.00
15	256QAM	1	0	18.15	18.30	18.07	19.00
15	256QAM	1	37	18.07	18.22	17.92	19.00
15	256QAM	1	74	18.27	18.28	18.12	19.00
15	256QAM	36	0	18.03	18.10	17.91	19.00
15	256QAM	36	20	17.97	18.05	17.90	19.00
15	256QAM	36	39	18.04	18.09	17.93	19.00
15	256QAM	75	0	18.01	18.09	17.90	19.00
Channel				20000	20175	20350	Tune-up limit
Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	20.84	20.97	20.71	22.00
10	QPSK	1	25	20.78	20.68	20.67	22.00
10	QPSK	1	49	20.69	20.73	20.63	22.00
10	QPSK	25	0	20.80	20.84	20.73	22.00
10	QPSK	25	12	20.71	20.75	20.73	22.00
10	QPSK	25	25	20.67	20.78	20.71	22.00
10	QPSK	50	0	20.71	20.80	20.60	22.00
10	16QAM	1	0	20.65	20.73	20.75	22.00
10	16QAM	1	25	20.72	20.68	20.78	22.00
10	16QAM	1	49	20.66	20.73	20.66	22.00
10	16QAM	25	0	20.77	20.66	20.73	22.00
10	16QAM	25	12	20.77	20.73	20.73	22.00
10	16QAM	25	25	20.78	20.74	20.80	22.00
10	16QAM	50	0	20.70	20.65	20.73	22.00
10	64QAM	1	0	20.64	20.78	20.75	22.00
10	64QAM	1	25	20.63	20.64	20.66	22.00
10	64QAM	1	49	20.71	20.73	20.75	22.00
10	64QAM	25	0	20.02	20.12	19.92	21.00
10	64QAM	25	12	20.01	20.12	19.87	21.00
10	64QAM	25	25	20.05	20.10	19.93	21.00
10	64QAM	50	0	20.06	20.06	19.80	21.00
10	256QAM	1	0	18.22	18.35	18.10	19.00
10	256QAM	1	25	18.10	18.21	17.96	19.00
10	256QAM	1	49	18.27	18.26	18.06	19.00
10	256QAM	25	0	18.00	18.13	17.96	19.00
10	256QAM	25	12	17.97	18.11	17.84	19.00
10	256QAM	25	25	18.04	18.05	17.90	19.00
10	256QAM	50	0	18.00	18.14	17.92	19.00
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	20.78	21.01	20.75	22.00
5	QPSK	1	12	20.65	20.72	20.67	22.00
5	QPSK	1	24	20.73	20.69	20.70	22.00
5	QPSK	12	0	20.74	20.80	20.80	22.00
5	QPSK	12	7	20.70	20.80	20.65	22.00
5	QPSK	12	13	20.68	20.72	20.74	22.00
5	QPSK	25	0	20.83	20.79	20.68	22.00

5	16QAM	1	0	20.69	20.72	20.64	22.00
5	16QAM	1	12	20.61	20.61	20.78	22.00
5	16QAM	1	24	20.69	20.67	20.73	22.00
5	16QAM	12	0	20.79	20.75	20.66	22.00
5	16QAM	12	7	20.76	20.68	20.66	22.00
5	16QAM	12	13	20.70	20.68	20.71	22.00
5	16QAM	25	0	20.72	20.70	20.72	22.00
5	64QAM	1	0	20.63	20.74	20.63	22.00
5	64QAM	1	12	20.71	20.67	20.78	22.00
5	64QAM	1	24	20.71	20.74	20.63	22.00
5	64QAM	12	0	20.02	20.13	19.89	21.00
5	64QAM	12	7	19.93	20.04	19.89	21.00
5	64QAM	12	13	20.06	20.04	19.85	21.00
5	64QAM	25	0	20.04	20.07	19.82	21.00
5	256QAM	1	0	18.15	18.24	17.99	19.00
5	256QAM	1	12	18.14	18.23	18.04	19.00
5	256QAM	1	24	18.23	18.18	18.07	19.00
5	256QAM	12	0	18.10	18.11	17.97	19.00
5	256QAM	12	7	17.92	18.01	17.89	19.00
5	256QAM	12	13	17.97	18.00	17.84	19.00
5	256QAM	25	0	18.03	18.05	18.00	19.00
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	20.80	20.99	20.70	22.00
3	QPSK	1	8	20.77	20.68	20.73	22.00
3	QPSK	1	14	20.67	20.70	20.62	22.00
3	QPSK	8	0	20.83	20.86	20.76	22.00
3	QPSK	8	4	20.76	20.69	20.67	22.00
3	QPSK	8	7	20.77	20.77	20.81	22.00
3	QPSK	15	0	20.72	20.73	20.71	22.00
3	16QAM	1	0	20.72	20.77	20.62	22.00
3	16QAM	1	8	20.73	20.71	20.79	22.00
3	16QAM	1	14	20.63	20.63	20.69	22.00
3	16QAM	8	0	20.77	20.64	20.67	22.00
3	16QAM	8	4	20.73	20.69	20.69	22.00
3	16QAM	8	7	20.76	20.75	20.74	22.00
3	16QAM	15	0	20.70	20.68	20.70	22.00
3	64QAM	1	0	20.74	20.74	20.66	22.00
3	64QAM	1	8	20.64	20.67	20.66	22.00
3	64QAM	1	14	20.82	20.72	20.74	22.00
3	64QAM	8	0	19.94	20.05	19.89	21.00
3	64QAM	8	4	19.93	20.13	19.89	21.00
3	64QAM	8	7	20.06	20.12	19.88	21.00
3	64QAM	15	0	20.11	20.10	19.78	21.00
3	256QAM	1	0	18.14	18.29	18.06	19.00
3	256QAM	1	8	18.11	18.24	18.01	19.00
3	256QAM	1	14	18.27	18.19	18.02	19.00
3	256QAM	8	0	17.99	18.04	17.95	19.00
3	256QAM	8	4	17.97	18.05	17.93	19.00
3	256QAM	8	7	17.99	18.10	17.92	19.00
3	256QAM	15	0	18.05	18.03	17.87	19.00
Channel				19957	20175	20393	Tune-up limit
Frequency (MHz)				1710.7	1732.5	1754.3	(dBm)
1.4	QPSK	1	0	20.82	20.97	20.77	22.00
1.4	QPSK	1	3	20.66	20.65	20.72	22.00
1.4	QPSK	1	5	20.77	20.65	20.76	22.00
1.4	QPSK	3	0	20.78	20.75	20.84	22.00
1.4	QPSK	3	1	20.80	20.82	20.64	22.00
1.4	QPSK	3	3	20.75	20.70	20.73	22.00
1.4	QPSK	6	0	20.81	20.72	20.62	22.00
1.4	16QAM	1	0	20.68	20.81	20.62	22.00
1.4	16QAM	1	3	20.62	20.73	20.79	22.00
1.4	16QAM	1	5	20.71	20.71	20.65	22.00
1.4	16QAM	3	0	20.78	20.75	20.69	22.00
1.4	16QAM	3	1	20.67	20.73	20.76	22.00
1.4	16QAM	3	3	20.81	20.76	20.74	22.00
1.4	16QAM	6	0	20.78	20.72	20.71	22.00
1.4	64QAM	1	0	20.64	20.77	20.69	22.00
1.4	64QAM	1	3	20.67	20.63	20.65	22.00
1.4	64QAM	1	5	20.73	20.80	20.75	22.00
1.4	64QAM	3	0	20.99	21.15	20.94	22.00
1.4	64QAM	3	1	20.93	21.03	20.89	22.00
1.4	64QAM	3	3	21.02	21.10	20.85	22.00
1.4	64QAM	6	0	20.12	20.09	19.77	21.00
1.4	256QAM	1	0	18.22	18.35	18.04	19.00
1.4	256QAM	1	3	18.07	18.27	18.01	19.00
1.4	256QAM	1	5	18.20	18.23	18.06	19.00
1.4	256QAM	3	0	18.07	18.11	17.92	19.00

1.4	256QAM	3	1	17.98	18.01	17.81	19.00
1.4	256QAM	3	3	18.00	18.03	17.84	19.00
1.4	256QAM	6	0	18.08	18.11	17.89	19.00

【LTE Band 4_Ant 4_ECI 6-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	Tune-up limit (dBm)
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	20.82	20.88	20.72	22.00
20	QPSK	1	49	20.77	20.70	20.77	22.00
20	QPSK	1	99	20.74	20.78	20.79	22.00
20	QPSK	50	0	20.75	20.76	20.76	22.00
20	QPSK	50	24	20.70	20.75	20.71	22.00
20	QPSK	50	50	20.73	20.71	20.71	22.00
20	QPSK	100	0	20.78	20.74	20.78	22.00
20	16QAM	1	0	20.73	20.75	20.75	22.00
20	16QAM	1	49	20.71	20.73	20.70	22.00
20	16QAM	1	99	20.76	20.76	20.78	22.00
20	16QAM	50	0	20.74	20.73	20.76	22.00
20	16QAM	50	24	20.72	20.75	20.73	22.00
20	16QAM	50	50	20.78	20.70	20.74	22.00
20	16QAM	100	0	20.73	20.71	20.72	22.00
20	64QAM	1	0	20.74	20.69	20.79	22.00
20	64QAM	1	49	20.72	20.77	20.76	22.00
20	64QAM	1	99	20.76	20.74	20.74	22.00
20	64QAM	50	0	19.90	20.14	20.08	21.00
20	64QAM	50	24	20.04	20.10	19.98	21.00
20	64QAM	50	50	19.97	20.14	19.99	21.00
20	64QAM	100	0	19.96	20.14	19.98	21.00
20	256QAM	1	0	17.91	18.14	18.04	19.00
20	256QAM	1	49	17.90	18.06	17.93	19.00
20	256QAM	1	99	17.79	18.01	17.84	19.00
20	256QAM	50	0	18.04	18.12	17.91	19.00
20	256QAM	50	24	17.86	18.05	17.91	19.00
20	256QAM	50	50	17.81	18.04	17.97	19.00
20	256QAM	100	0	17.91	17.95	17.92	19.00
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	20.70	20.78	20.63	22.00
15	QPSK	1	37	20.73	20.60	20.63	22.00
15	QPSK	1	74	20.73	20.72	20.68	22.00
15	QPSK	36	0	20.64	20.75	20.62	22.00
15	QPSK	36	20	20.66	20.73	20.69	22.00
15	QPSK	36	39	20.70	20.68	20.56	22.00
15	QPSK	75	0	20.68	20.72	20.67	22.00
15	16QAM	1	0	20.67	20.66	20.62	22.00
15	16QAM	1	37	20.63	20.62	20.67	22.00
15	16QAM	1	74	20.63	20.73	20.64	22.00
15	16QAM	36	0	20.66	20.63	20.66	22.00
15	16QAM	36	20	20.63	20.63	20.58	22.00
15	16QAM	36	39	20.75	20.62	20.70	22.00
15	16QAM	75	0	20.68	20.70	20.70	22.00
15	64QAM	1	0	20.69	20.68	20.69	22.00
15	64QAM	1	37	20.65	20.65	20.68	22.00
15	64QAM	1	74	20.70	20.59	20.66	22.00
15	64QAM	36	0	19.84	20.11	19.97	21.00
15	64QAM	36	20	19.99	19.97	19.87	21.00
15	64QAM	36	39	19.94	20.05	19.86	21.00
15	64QAM	75	0	19.82	20.09	19.91	21.00
15	256QAM	1	0	17.76	18.13	17.94	19.00
15	256QAM	1	37	17.76	18.01	17.86	19.00
15	256QAM	1	74	17.69	17.90	17.81	19.00
15	256QAM	36	0	17.92	18.02	17.86	19.00
15	256QAM	36	20	17.83	17.91	17.89	19.00
15	256QAM	36	39	17.68	17.94	17.86	19.00
15	256QAM	75	0	17.80	17.83	17.91	19.00
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	20.77	20.82	20.67	22.00
10	QPSK	1	25	20.64	20.65	20.70	22.00
10	QPSK	1	49	20.63	20.72	20.65	22.00

10	QPSK	25	0	20.72	20.75	20.71	22.00
10	QPSK	25	12	20.68	20.73	20.61	22.00
10	QPSK	25	25	20.64	20.56	20.60	22.00
10	QPSK	50	0	20.67	20.70	20.68	22.00
10	16QAM	1	0	20.66	20.72	20.70	22.00
10	16QAM	1	25	20.68	20.61	20.62	22.00
10	16QAM	1	49	20.63	20.70	20.75	22.00
10	16QAM	25	0	20.67	20.65	20.75	22.00
10	16QAM	25	12	20.71	20.60	20.60	22.00
10	16QAM	25	25	20.69	20.60	20.70	22.00
10	16QAM	50	0	20.65	20.58	20.58	22.00
10	64QAM	1	0	20.70	20.67	20.78	22.00
10	64QAM	1	25	20.66	20.64	20.63	22.00
10	64QAM	1	49	20.72	20.61	20.66	22.00
10	64QAM	25	0	19.87	20.06	19.96	21.00
10	64QAM	25	12	19.90	20.01	19.90	21.00
10	64QAM	25	25	19.92	20.12	19.85	21.00
10	64QAM	50	0	19.87	20.09	19.94	21.00
10	256QAM	1	0	17.85	18.09	18.01	19.00
10	256QAM	1	25	17.83	17.96	17.86	19.00
10	256QAM	1	49	17.70	17.98	17.74	19.00
10	256QAM	25	0	18.01	18.04	17.86	19.00
10	256QAM	25	12	17.78	17.91	17.88	19.00
10	256QAM	25	25	17.76	17.93	17.91	19.00
10	256QAM	50	0	17.84	17.91	17.84	19.00
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	20.77	20.84	20.57	22.00
5	QPSK	1	12	20.64	20.61	20.64	22.00
5	QPSK	1	24	20.69	20.68	20.72	22.00
5	QPSK	12	0	20.71	20.72	20.67	22.00
5	QPSK	12	7	20.67	20.64	20.65	22.00
5	QPSK	12	13	20.60	20.65	20.63	22.00
5	QPSK	25	0	20.71	20.70	20.68	22.00
5	16QAM	1	0	20.68	20.72	20.65	22.00
5	16QAM	1	12	20.65	20.64	20.68	22.00
5	16QAM	1	24	20.61	20.72	20.65	22.00
5	16QAM	12	0	20.68	20.69	20.62	22.00
5	16QAM	12	7	20.69	20.61	20.65	22.00
5	16QAM	12	13	20.73	20.65	20.71	22.00
5	16QAM	25	0	20.71	20.68	20.70	22.00
5	64QAM	1	0	20.62	20.65	20.76	22.00
5	64QAM	1	12	20.63	20.68	20.72	22.00
5	64QAM	1	24	20.67	20.60	20.60	22.00
5	64QAM	12	0	19.78	20.08	19.98	21.00
5	64QAM	12	7	19.93	20.07	19.96	21.00
5	64QAM	12	13	19.94	20.12	19.89	21.00
5	64QAM	25	0	19.86	20.00	19.90	21.00
5	256QAM	1	0	17.83	18.11	17.90	19.00
5	256QAM	1	12	17.76	17.92	17.87	19.00
5	256QAM	1	24	17.76	17.93	17.75	19.00
5	256QAM	12	0	17.94	18.04	17.87	19.00
5	256QAM	12	7	17.81	17.97	17.80	19.00
5	256QAM	12	13	17.71	18.01	17.93	19.00
5	256QAM	25	0	17.87	17.86	17.89	19.00
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	20.72	20.74	20.58	22.00
3	QPSK	1	8	20.66	20.66	20.66	22.00
3	QPSK	1	14	20.64	20.68	20.65	22.00
3	QPSK	8	0	20.70	20.66	20.62	22.00
3	QPSK	8	4	20.60	20.60	20.68	22.00
3	QPSK	8	7	20.69	20.64	20.63	22.00
3	QPSK	15	0	20.66	20.70	20.74	22.00
3	16QAM	1	0	20.67	20.65	20.61	22.00
3	16QAM	1	8	20.67	20.67	20.58	22.00
3	16QAM	1	14	20.73	20.62	20.72	22.00
3	16QAM	8	0	20.63	20.58	20.65	22.00
3	16QAM	8	4	20.62	20.63	20.71	22.00
3	16QAM	8	7	20.66	20.65	20.71	22.00
3	16QAM	15	0	20.65	20.65	20.70	22.00
3	64QAM	1	0	20.67	20.66	20.72	22.00
3	64QAM	1	8	20.60	20.71	20.61	22.00
3	64QAM	1	14	20.62	20.63	20.59	22.00
3	64QAM	8	0	19.77	20.06	20.00	21.00
3	64QAM	8	4	20.01	19.97	19.85	21.00
3	64QAM	8	7	19.93	20.11	19.89	21.00
3	64QAM	15	0	19.89	20.10	19.90	21.00

3	256QAM	1	0	17.80	18.03	18.00	19.00
3	256QAM	1	8	17.81	17.96	17.91	19.00
3	256QAM	1	14	17.67	17.98	17.81	19.00
3	256QAM	8	0	18.00	18.06	17.83	19.00
3	256QAM	8	4	17.80	17.95	17.87	19.00
3	256QAM	8	7	17.71	17.91	17.89	19.00
3	256QAM	15	0	17.76	17.92	17.78	19.00
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	20.78	20.77	20.69	22.00
1.4	QPSK	1	3	20.67	20.66	20.69	22.00
1.4	QPSK	1	5	20.61	20.75	20.78	22.00
1.4	QPSK	3	0	20.70	20.72	20.62	22.00
1.4	QPSK	3	1	20.59	20.73	20.59	22.00
1.4	QPSK	3	3	20.72	20.66	20.66	22.00
1.4	QPSK	6	0	20.66	20.62	20.73	22.00
1.4	16QAM	1	0	20.71	20.67	20.63	22.00
1.4	16QAM	1	3	20.64	20.68	20.56	22.00
1.4	16QAM	1	5	20.67	20.67	20.76	22.00
1.4	16QAM	3	0	20.59	20.71	20.63	22.00
1.4	16QAM	3	1	20.71	20.68	20.58	22.00
1.4	16QAM	3	3	20.65	20.67	20.62	22.00
1.4	16QAM	6	0	20.60	20.70	20.59	22.00
1.4	64QAM	1	0	20.59	20.65	20.74	22.00
1.4	64QAM	1	3	20.66	20.73	20.62	22.00
1.4	64QAM	1	5	20.62	20.66	20.63	22.00
1.4	64QAM	3	0	20.78	21.09	21.05	22.00
1.4	64QAM	3	1	20.92	21.01	20.88	22.00
1.4	64QAM	3	3	20.94	21.02	20.92	22.00
1.4	64QAM	6	0	19.84	20.09	19.90	21.00
1.4	256QAM	1	0	17.78	18.09	17.98	19.00
1.4	256QAM	1	3	17.83	17.91	17.92	19.00
1.4	256QAM	1	5	17.73	17.98	17.83	19.00
1.4	256QAM	3	0	17.90	18.08	17.90	19.00
1.4	256QAM	3	1	17.83	17.93	17.78	19.00
1.4	256QAM	3	3	17.67	17.98	17.89	19.00
1.4	256QAM	6	0	17.84	17.91	17.85	19.00

【LTE Band 4_Ant 4_ECI 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	13.90	14.00	13.79	15.30
20	QPSK	1	49	13.64	13.80	13.58	15.30
20	QPSK	1	99	13.56	13.81	13.58	15.30
20	QPSK	50	0	13.57	13.83	13.52	15.30
20	QPSK	50	24	13.61	13.83	13.51	15.30
20	QPSK	50	50	13.60	13.75	13.52	15.30
20	QPSK	100	0	13.57	13.79	13.51	15.30
20	16QAM	1	0	13.57	13.78	13.55	15.30
20	16QAM	1	49	13.61	13.82	13.58	15.30
20	16QAM	1	99	13.58	13.75	13.54	15.30
20	16QAM	50	0	13.60	13.81	13.52	15.30
20	16QAM	50	24	13.64	13.82	13.56	15.30
20	16QAM	50	50	13.65	13.75	13.58	15.30
20	16QAM	100	0	13.62	13.82	13.60	15.30
20	64QAM	1	0	13.58	13.79	13.52	15.30
20	64QAM	1	49	13.62	13.78	13.52	15.30
20	64QAM	1	99	13.61	13.82	13.58	15.30
20	64QAM	50	0	13.62	13.80	13.53	15.30
20	64QAM	50	24	13.57	13.79	13.54	15.30
20	64QAM	50	50	13.65	13.83	13.56	15.30
20	64QAM	100	0	13.55	13.77	13.52	15.30
20	256QAM	1	0	13.62	13.84	13.56	15.30
20	256QAM	1	49	13.59	13.83	13.58	15.30
20	256QAM	1	99	13.56	13.79	13.60	15.30
20	256QAM	50	0	13.56	13.74	13.52	15.30
20	256QAM	50	24	13.56	13.79	13.51	15.30
20	256QAM	50	50	13.62	13.75	13.52	15.30
20	256QAM	100	0	13.58	13.80	13.56	15.30
Channel				20025	20175	20325	Tune-up limit

Frequency (MHz)				1717.5	1732.5	1747.5	(dBm)
15	QPSK	1	0	13.79	13.98	13.72	15.30
15	QPSK	1	37	13.61	13.68	13.45	15.30
15	QPSK	1	74	13.45	13.66	13.52	15.30
15	QPSK	36	0	13.47	13.70	13.49	15.30
15	QPSK	36	20	13.53	13.74	13.46	15.30
15	QPSK	36	39	13.48	13.72	13.44	15.30
15	QPSK	75	0	13.50	13.72	13.40	15.30
15	16QAM	1	0	13.44	13.75	13.53	15.30
15	16QAM	1	37	13.53	13.74	13.45	15.30
15	16QAM	1	74	13.43	13.63	13.40	15.30
15	16QAM	36	0	13.48	13.74	13.47	15.30
15	16QAM	36	20	13.62	13.71	13.43	15.30
15	16QAM	36	39	13.62	13.72	13.45	15.30
15	16QAM	75	0	13.55	13.73	13.49	15.30
15	64QAM	1	0	13.57	13.68	13.47	15.30
15	64QAM	1	37	13.50	13.74	13.41	15.30
15	64QAM	1	74	13.52	13.81	13.49	15.30
15	64QAM	36	0	13.49	13.70	13.46	15.30
15	64QAM	36	20	13.48	13.77	13.52	15.30
15	64QAM	36	39	13.50	13.68	13.44	15.30
15	64QAM	75	0	13.52	13.69	13.41	15.30
15	256QAM	1	0	13.58	13.74	13.42	15.30
15	256QAM	1	37	13.57	13.75	13.46	15.30
15	256QAM	1	74	13.53	13.75	13.48	15.30
15	256QAM	36	0	13.43	13.65	13.51	15.30
15	256QAM	36	20	13.55	13.77	13.39	15.30
15	256QAM	36	39	13.59	13.71	13.40	15.30
15	256QAM	75	0	13.46	13.75	13.53	15.30
Channel				20000	20175	20350	Tune-up limit
Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	13.79	13.88	13.66	15.30
10	QPSK	1	25	13.60	13.76	13.54	15.30
10	QPSK	1	49	13.44	13.78	13.48	15.30
10	QPSK	25	0	13.55	13.68	13.47	15.30
10	QPSK	25	12	13.46	13.73	13.43	15.30
10	QPSK	25	25	13.46	13.64	13.39	15.30
10	QPSK	50	0	13.49	13.75	13.47	15.30
10	16QAM	1	0	13.49	13.76	13.42	15.30
10	16QAM	1	25	13.48	13.68	13.53	15.30
10	16QAM	1	49	13.57	13.65	13.49	15.30
10	16QAM	25	0	13.51	13.73	13.46	15.30
10	16QAM	25	12	13.59	13.76	13.49	15.30
10	16QAM	25	25	13.54	13.69	13.52	15.30
10	16QAM	50	0	13.57	13.81	13.59	15.30
10	64QAM	1	0	13.55	13.76	13.45	15.30
10	64QAM	1	25	13.55	13.72	13.42	15.30
10	64QAM	1	49	13.48	13.73	13.50	15.30
10	64QAM	25	0	13.47	13.68	13.40	15.30
10	64QAM	25	12	13.52	13.75	13.53	15.30
10	64QAM	25	25	13.55	13.76	13.45	15.30
10	64QAM	50	0	13.42	13.72	13.48	15.30
10	256QAM	1	0	13.49	13.76	13.52	15.30
10	256QAM	1	25	13.53	13.69	13.56	15.30
10	256QAM	1	49	13.43	13.70	13.54	15.30
10	256QAM	25	0	13.54	13.65	13.41	15.30
10	256QAM	25	12	13.44	13.75	13.39	15.30
10	256QAM	25	25	13.59	13.60	13.43	15.30
10	256QAM	50	0	13.44	13.74	13.45	15.30
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	13.83	13.98	13.66	15.30
5	QPSK	1	12	13.61	13.68	13.43	15.30
5	QPSK	1	24	13.44	13.73	13.46	15.30
5	QPSK	12	0	13.43	13.76	13.42	15.30
5	QPSK	12	7	13.54	13.80	13.45	15.30
5	QPSK	12	13	13.46	13.61	13.45	15.30
5	QPSK	25	0	13.47	13.69	13.40	15.30
5	16QAM	1	0	13.45	13.76	13.40	15.30
5	16QAM	1	12	13.58	13.77	13.53	15.30
5	16QAM	1	24	13.50	13.62	13.43	15.30
5	16QAM	12	0	13.55	13.79	13.44	15.30
5	16QAM	12	7	13.62	13.79	13.49	15.30
5	16QAM	12	13	13.60	13.73	13.44	15.30
5	16QAM	25	0	13.52	13.78	13.52	15.30
5	64QAM	1	0	13.50	13.66	13.46	15.30
5	64QAM	1	12	13.50	13.71	13.38	15.30
5	64QAM	1	24	13.58	13.75	13.52	15.30

5	64QAM	12	0	13.56	13.75	13.47	15.30
5	64QAM	12	7	13.48	13.72	13.48	15.30
5	64QAM	12	13	13.63	13.75	13.48	15.30
5	64QAM	25	0	13.45	13.70	13.43	15.30
5	256QAM	1	0	13.57	13.77	13.46	15.30
5	256QAM	1	12	13.53	13.78	13.47	15.30
5	256QAM	1	24	13.55	13.77	13.51	15.30
5	256QAM	12	0	13.54	13.61	13.46	15.30
5	256QAM	12	7	13.42	13.74	13.46	15.30
5	256QAM	12	13	13.52	13.65	13.37	15.30
5	256QAM	25	0	13.55	13.70	13.48	15.30
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	13.83	13.89	13.67	15.30
3	QPSK	1	8	13.61	13.79	13.54	15.30
3	QPSK	1	14	13.41	13.73	13.44	15.30
3	QPSK	8	0	13.54	13.71	13.42	15.30
3	QPSK	8	4	13.51	13.75	13.41	15.30
3	QPSK	8	7	13.55	13.72	13.48	15.30
3	QPSK	15	0	13.45	13.68	13.45	15.30
3	16QAM	1	0	13.44	13.69	13.43	15.30
3	16QAM	1	8	13.55	13.77	13.57	15.30
3	16QAM	1	14	13.54	13.61	13.49	15.30
3	16QAM	8	0	13.52	13.78	13.44	15.30
3	16QAM	8	4	13.56	13.75	13.42	15.30
3	16QAM	8	7	13.57	13.68	13.49	15.30
3	16QAM	15	0	13.50	13.68	13.47	15.30
3	64QAM	1	0	13.47	13.78	13.47	15.30
3	64QAM	1	8	13.48	13.76	13.44	15.30
3	64QAM	1	14	13.53	13.75	13.52	15.30
3	64QAM	8	0	13.49	13.70	13.42	15.30
3	64QAM	8	4	13.52	13.76	13.46	15.30
3	64QAM	8	7	13.64	13.74	13.44	15.30
3	64QAM	15	0	13.49	13.72	13.46	15.30
3	256QAM	1	0	13.50	13.78	13.49	15.30
3	256QAM	1	8	13.55	13.81	13.54	15.30
3	256QAM	1	14	13.52	13.65	13.58	15.30
3	256QAM	8	0	13.48	13.69	13.40	15.30
3	256QAM	8	4	13.48	13.68	13.44	15.30
3	256QAM	8	7	13.61	13.69	13.40	15.30
3	256QAM	15	0	13.43	13.69	13.53	15.30
Channel				19957	20175	20393	Tune-up limit
Frequency (MHz)				1710.7	1732.5	1754.3	(dBm)
1.4	QPSK	1	0	13.86	13.98	13.72	15.30
1.4	QPSK	1	3	13.50	13.69	13.56	15.30
1.4	QPSK	1	5	13.52	13.70	13.54	15.30
1.4	QPSK	3	0	13.47	13.72	13.42	15.30
1.4	QPSK	3	1	13.55	13.76	13.37	15.30
1.4	QPSK	3	3	13.56	13.62	13.45	15.30
1.4	QPSK	6	0	13.49	13.74	13.41	15.30
1.4	16QAM	1	0	13.51	13.76	13.48	15.30
1.4	16QAM	1	3	13.51	13.68	13.54	15.30
1.4	16QAM	1	5	13.44	13.69	13.45	15.30
1.4	16QAM	3	0	13.56	13.73	13.43	15.30
1.4	16QAM	3	1	13.55	13.77	13.52	15.30
1.4	16QAM	3	3	13.63	13.70	13.55	15.30
1.4	16QAM	6	0	13.60	13.77	13.54	15.30
1.4	64QAM	1	0	13.54	13.65	13.46	15.30
1.4	64QAM	1	3	13.59	13.67	13.45	15.30
1.4	64QAM	1	5	13.52	13.68	13.45	15.30
1.4	64QAM	3	0	13.52	13.76	13.38	15.30
1.4	64QAM	3	1	13.49	13.74	13.49	15.30
1.4	64QAM	3	3	13.57	13.68	13.43	15.30
1.4	64QAM	6	0	13.49	13.65	13.49	15.30
1.4	256QAM	1	0	13.50	13.79	13.45	15.30
1.4	256QAM	1	3	13.49	13.79	13.50	15.30
1.4	256QAM	1	5	13.54	13.75	13.48	15.30
1.4	256QAM	3	0	13.48	13.63	13.50	15.30
1.4	256QAM	3	1	13.49	13.65	13.43	15.30
1.4	256QAM	3	3	13.53	13.70	13.41	15.30
1.4	256QAM	6	0	13.45	13.77	13.53	15.30

【LTE Band 4_Ant 4_ECI 7-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	15.30
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	13.91	13.95	13.68	15.30
20	QPSK	1	49	13.51	13.71	13.47	15.30
20	QPSK	1	99	13.53	13.70	13.51	15.30
20	QPSK	50	0	13.53	13.83	13.56	15.30
20	QPSK	50	24	13.58	13.79	13.56	15.30
20	QPSK	50	50	13.54	13.69	13.48	15.30
20	QPSK	100	0	13.54	13.76	13.51	15.30
20	16QAM	1	0	13.53	13.76	13.47	15.30
20	16QAM	1	49	13.59	13.75	13.53	15.30
20	16QAM	1	99	13.50	13.73	13.54	15.30
20	16QAM	50	0	13.50	13.79	13.54	15.30
20	16QAM	50	24	13.57	13.78	13.48	15.30
20	16QAM	50	50	13.54	13.69	13.46	15.30
20	16QAM	100	0	13.55	13.75	13.52	15.30
20	64QAM	1	0	13.59	13.70	13.48	15.30
20	64QAM	1	49	13.55	13.77	13.48	15.30
20	64QAM	1	99	13.55	13.75	13.47	15.30
20	64QAM	50	0	13.56	13.76	13.47	15.30
20	64QAM	50	24	13.57	13.77	13.47	15.30
20	64QAM	50	50	13.51	13.75	13.48	15.30
20	64QAM	100	0	13.52	13.79	13.48	15.30
20	256QAM	1	0	13.54	13.73	13.51	15.30
20	256QAM	1	49	13.54	13.69	13.48	15.30
20	256QAM	1	99	13.54	13.73	13.46	15.30
20	256QAM	50	0	13.57	13.78	13.49	15.30
20	256QAM	50	24	13.58	13.70	13.56	15.30
20	256QAM	50	50	13.57	13.70	13.54	15.30
20	256QAM	100	0	13.59	13.74	13.51	15.30
Channel				20025	20175	20325	15.30
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	13.84	13.91	13.53	15.30
15	QPSK	1	37	13.46	13.65	13.34	15.30
15	QPSK	1	74	13.51	13.67	13.43	15.30
15	QPSK	36	0	13.47	13.79	13.41	15.30
15	QPSK	36	20	13.56	13.73	13.51	15.30
15	QPSK	36	39	13.50	13.57	13.34	15.30
15	QPSK	75	0	13.52	13.63	13.37	15.30
15	16QAM	1	0	13.51	13.62	13.36	15.30
15	16QAM	1	37	13.53	13.72	13.49	15.30
15	16QAM	1	74	13.40	13.60	13.49	15.30
15	16QAM	36	0	13.46	13.76	13.49	15.30
15	16QAM	36	20	13.50	13.70	13.45	15.30
15	16QAM	36	39	13.51	13.56	13.38	15.30
15	16QAM	75	0	13.44	13.65	13.40	15.30
15	64QAM	1	0	13.50	13.56	13.42	15.30
15	64QAM	1	37	13.43	13.63	13.44	15.30
15	64QAM	1	74	13.41	13.67	13.45	15.30
15	64QAM	36	0	13.49	13.72	13.45	15.30
15	64QAM	36	20	13.54	13.76	13.43	15.30
15	64QAM	36	39	13.42	13.61	13.36	15.30
15	64QAM	75	0	13.44	13.76	13.45	15.30
15	256QAM	1	0	13.44	13.65	13.50	15.30
15	256QAM	1	37	13.46	13.63	13.46	15.30
15	256QAM	1	74	13.50	13.61	13.33	15.30
15	256QAM	36	0	13.52	13.69	13.46	15.30
15	256QAM	36	20	13.43	13.64	13.47	15.30
15	256QAM	36	39	13.50	13.57	13.45	15.30
15	256QAM	75	0	13.51	13.68	13.37	15.30
Channel				20000	20175	20350	15.30
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	13.88	13.87	13.59	15.30
10	QPSK	1	25	13.45	13.68	13.45	15.30
10	QPSK	1	49	13.42	13.64	13.41	15.30
10	QPSK	25	0	13.50	13.71	13.52	15.30
10	QPSK	25	12	13.47	13.65	13.54	15.30
10	QPSK	25	25	13.51	13.66	13.44	15.30
10	QPSK	50	0	13.47	13.64	13.43	15.30
10	16QAM	1	0	13.43	13.67	13.39	15.30
10	16QAM	1	25	13.53	13.74	13.44	15.30
10	16QAM	1	49	13.37	13.62	13.47	15.30
10	16QAM	25	0	13.45	13.74	13.53	15.30
10	16QAM	25	12	13.51	13.76	13.36	15.30
10	16QAM	25	25	13.49	13.55	13.32	15.30

10	16QAM	50	0	13.48	13.69	13.45	15.30
10	64QAM	1	0	13.52	13.57	13.44	15.30
10	64QAM	1	25	13.52	13.66	13.38	15.30
10	64QAM	1	49	13.54	13.66	13.39	15.30
10	64QAM	25	0	13.49	13.70	13.36	15.30
10	64QAM	25	12	13.51	13.70	13.37	15.30
10	64QAM	25	25	13.44	13.67	13.35	15.30
10	64QAM	50	0	13.46	13.74	13.37	15.30
10	256QAM	1	0	13.45	13.67	13.44	15.30
10	256QAM	1	25	13.47	13.68	13.47	15.30
10	256QAM	1	49	13.41	13.67	13.32	15.30
10	256QAM	25	0	13.51	13.67	13.40	15.30
10	256QAM	25	12	13.53	13.67	13.47	15.30
10	256QAM	25	25	13.55	13.66	13.42	15.30
10	256QAM	50	0	13.53	13.73	13.47	15.30
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	13.81	13.85	13.63	15.30
5	QPSK	1	12	13.46	13.67	13.46	15.30
5	QPSK	1	24	13.40	13.67	13.42	15.30
5	QPSK	12	0	13.49	13.81	13.55	15.30
5	QPSK	12	7	13.56	13.64	13.52	15.30
5	QPSK	12	13	13.46	13.61	13.45	15.30
5	QPSK	25	0	13.51	13.71	13.44	15.30
5	16QAM	1	0	13.40	13.65	13.40	15.30
5	16QAM	1	12	13.48	13.61	13.40	15.30
5	16QAM	1	24	13.39	13.60	13.39	15.30
5	16QAM	12	0	13.47	13.77	13.45	15.30
5	16QAM	12	7	13.53	13.69	13.41	15.30
5	16QAM	12	13	13.43	13.68	13.34	15.30
5	16QAM	25	0	13.47	13.72	13.43	15.30
5	64QAM	1	0	13.53	13.59	13.40	15.30
5	64QAM	1	12	13.52	13.63	13.33	15.30
5	64QAM	1	24	13.42	13.61	13.32	15.30
5	64QAM	12	0	13.46	13.62	13.40	15.30
5	64QAM	12	7	13.48	13.66	13.44	15.30
5	64QAM	12	13	13.45	13.65	13.47	15.30
5	64QAM	25	0	13.40	13.78	13.35	15.30
5	256QAM	1	0	13.40	13.60	13.40	15.30
5	256QAM	1	12	13.49	13.64	13.43	15.30
5	256QAM	1	24	13.52	13.67	13.44	15.30
5	256QAM	12	0	13.55	13.66	13.36	15.30
5	256QAM	12	7	13.52	13.69	13.46	15.30
5	256QAM	12	13	13.52	13.63	13.45	15.30
5	256QAM	25	0	13.57	13.65	13.41	15.30
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	13.89	13.80	13.56	15.30
3	QPSK	1	8	13.50	13.64	13.46	15.30
3	QPSK	1	14	13.45	13.58	13.38	15.30
3	QPSK	8	0	13.39	13.74	13.51	15.30
3	QPSK	8	4	13.46	13.73	13.42	15.30
3	QPSK	8	7	13.51	13.55	13.40	15.30
3	QPSK	15	0	13.39	13.64	13.44	15.30
3	16QAM	1	0	13.49	13.75	13.44	15.30
3	16QAM	1	8	13.58	13.68	13.44	15.30
3	16QAM	1	14	13.44	13.64	13.40	15.30
3	16QAM	8	0	13.36	13.78	13.48	15.30
3	16QAM	8	4	13.45	13.63	13.37	15.30
3	16QAM	8	7	13.47	13.57	13.45	15.30
3	16QAM	15	0	13.41	13.65	13.47	15.30
3	64QAM	1	0	13.52	13.60	13.44	15.30
3	64QAM	1	8	13.51	13.65	13.43	15.30
3	64QAM	1	14	13.41	13.74	13.42	15.30
3	64QAM	8	0	13.54	13.65	13.34	15.30
3	64QAM	8	4	13.56	13.65	13.35	15.30
3	64QAM	8	7	13.42	13.64	13.37	15.30
3	64QAM	15	0	13.51	13.77	13.37	15.30
3	256QAM	1	0	13.52	13.67	13.44	15.30
3	256QAM	1	8	13.50	13.58	13.34	15.30
3	256QAM	1	14	13.53	13.68	13.37	15.30
3	256QAM	8	0	13.52	13.77	13.37	15.30
3	256QAM	8	4	13.52	13.63	13.46	15.30
3	256QAM	8	7	13.50	13.62	13.50	15.30
3	256QAM	15	0	13.47	13.65	13.41	15.30
Channel				19957	20175	20393	Tune-up limit
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	13.83	13.93	13.57	15.30

1.4	QPSK	1	3	13.48	13.68	13.36	15.30
1.4	QPSK	1	5	13.49	13.55	13.49	15.30
1.4	QPSK	3	0	13.40	13.80	13.48	15.30
1.4	QPSK	3	1	13.57	13.72	13.46	15.30
1.4	QPSK	3	3	13.51	13.60	13.44	15.30
1.4	QPSK	6	0	13.40	13.69	13.49	15.30
1.4	16QAM	1	0	13.48	13.69	13.32	15.30
1.4	16QAM	1	3	13.54	13.60	13.46	15.30
1.4	16QAM	1	5	13.37	13.58	13.52	15.30
1.4	16QAM	3	0	13.46	13.78	13.48	15.30
1.4	16QAM	3	1	13.53	13.63	13.38	15.30
1.4	16QAM	3	3	13.53	13.59	13.34	15.30
1.4	16QAM	6	0	13.42	13.65	13.46	15.30
1.4	64QAM	1	0	13.49	13.65	13.38	15.30
1.4	64QAM	1	3	13.50	13.73	13.39	15.30
1.4	64QAM	1	5	13.43	13.73	13.39	15.30
1.4	64QAM	3	0	13.42	13.64	13.38	15.30
1.4	64QAM	3	1	13.51	13.67	13.45	15.30
1.4	64QAM	3	3	13.37	13.65	13.44	15.30
1.4	64QAM	6	0	13.48	13.70	13.46	15.30
1.4	256QAM	1	0	13.46	13.65	13.39	15.30
1.4	256QAM	1	3	13.47	13.55	13.34	15.30
1.4	256QAM	1	5	13.40	13.62	13.45	15.30
1.4	256QAM	3	0	13.56	13.68	13.35	15.30
1.4	256QAM	3	1	13.45	13.65	13.42	15.30
1.4	256QAM	3	3	13.43	13.68	13.52	15.30
1.4	256QAM	6	0	13.50	13.67	13.44	15.30

【LTE Band 5_Ant 0_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	22.90	22.96	22.90	24.00
10	QPSK	1	25	22.78	22.87	22.72	24.00
10	QPSK	1	49	22.72	22.87	22.73	24.00
10	QPSK	25	0	21.84	21.92	21.85	23.00
10	QPSK	25	12	21.72	21.87	21.80	23.00
10	QPSK	25	25	21.73	21.89	21.69	23.00
10	QPSK	50	0	21.75	21.90	21.83	23.00
10	16QAM	1	0	22.00	22.16	22.05	23.00
10	16QAM	1	25	22.02	22.13	22.03	23.00
10	16QAM	1	49	22.06	22.20	22.02	23.00
10	16QAM	25	0	20.80	20.89	20.72	22.00
10	16QAM	25	12	20.75	20.84	20.71	22.00
10	16QAM	25	25	20.82	20.89	20.73	22.00
10	16QAM	50	0	20.81	20.90	20.71	22.00
10	64QAM	1	0	20.83	21.02	20.92	22.00
10	64QAM	1	25	20.86	20.96	20.79	22.00
10	64QAM	1	49	20.87	21.03	20.84	22.00
10	64QAM	25	0	19.74	19.86	19.68	21.00
10	64QAM	25	12	19.70	19.88	19.76	21.00
10	64QAM	25	25	19.78	19.87	19.73	21.00
10	64QAM	50	0	19.78	19.84	19.65	21.00
10	256QAM	1	0	17.87	17.94	17.86	19.00
10	256QAM	1	25	17.82	17.94	17.83	19.00
10	256QAM	1	49	17.89	17.95	17.77	19.00
10	256QAM	25	0	17.70	17.85	17.73	19.00
10	256QAM	25	12	17.75	17.83	17.74	19.00
10	256QAM	25	25	17.71	17.80	17.69	19.00
10	256QAM	50	0	17.70	17.84	17.75	19.00
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	22.76	22.93	22.80	24.00
5	QPSK	1	12	22.71	22.79	22.57	24.00
5	QPSK	1	24	22.65	22.75	22.67	24.00
5	QPSK	12	0	21.82	21.79	21.82	23.00
5	QPSK	12	7	21.60	21.83	21.70	23.00
5	QPSK	12	13	21.71	21.83	21.59	23.00
5	QPSK	25	0	21.73	21.79	21.79	23.00
5	16QAM	1	0	21.86	22.01	21.90	23.00
5	16QAM	1	12	21.95	21.99	21.98	23.00

5	16QAM	1	24	21.93	22.16	22.00	23.00
5	16QAM	12	0	20.77	20.83	20.58	22.00
5	16QAM	12	7	20.66	20.75	20.67	22.00
5	16QAM	12	13	20.70	20.86	20.69	22.00
5	16QAM	25	0	20.68	20.78	20.68	22.00
5	64QAM	1	0	20.73	20.95	20.88	22.00
5	64QAM	1	12	20.81	20.92	20.77	22.00
5	64QAM	1	24	20.80	20.92	20.73	22.00
5	64QAM	12	0	19.69	19.77	19.58	21.00
5	64QAM	12	7	19.65	19.81	19.74	21.00
5	64QAM	12	13	19.73	19.80	19.61	21.00
5	64QAM	25	0	19.71	19.73	19.52	21.00
5	256QAM	1	0	17.73	17.89	17.71	19.00
5	256QAM	1	12	17.67	17.81	17.80	19.00
5	256QAM	1	24	17.88	17.83	17.73	19.00
5	256QAM	12	0	17.66	17.72	17.63	19.00
5	256QAM	12	7	17.67	17.78	17.71	19.00
5	256QAM	12	13	17.66	17.73	17.59	19.00
5	256QAM	25	0	17.62	17.81	17.62	19.00
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	22.82	22.90	22.82	24.00
3	QPSK	1	8	22.64	22.76	22.69	24.00
3	QPSK	1	14	22.70	22.74	22.58	24.00
3	QPSK	8	0	21.82	21.83	21.81	23.00
3	QPSK	8	4	21.61	21.76	21.75	23.00
3	QPSK	8	7	21.62	21.76	21.59	23.00
3	QPSK	15	0	21.67	21.84	21.79	23.00
3	16QAM	1	0	21.89	22.03	22.02	23.00
3	16QAM	1	8	22.00	22.05	21.89	23.00
3	16QAM	1	14	22.02	22.08	21.93	23.00
3	16QAM	8	0	20.74	20.77	20.66	22.00
3	16QAM	8	4	20.73	20.81	20.66	22.00
3	16QAM	8	7	20.75	20.79	20.64	22.00
3	16QAM	15	0	20.69	20.89	20.66	22.00
3	64QAM	1	0	20.73	21.00	20.77	22.00
3	64QAM	1	8	20.77	20.89	20.66	22.00
3	64QAM	1	14	20.82	20.99	20.74	22.00
3	64QAM	8	0	19.61	19.85	19.60	21.00
3	64QAM	8	4	19.67	19.75	19.64	21.00
3	64QAM	8	7	19.68	19.85	19.71	21.00
3	64QAM	15	0	19.70	19.77	19.58	21.00
3	256QAM	1	0	17.81	17.87	17.73	19.00
3	256QAM	1	8	17.70	17.92	17.80	19.00
3	256QAM	1	14	17.82	17.88	17.67	19.00
3	256QAM	8	0	17.55	17.77	17.70	19.00
3	256QAM	8	4	17.70	17.78	17.65	19.00
3	256QAM	8	7	17.64	17.69	17.61	19.00
3	256QAM	15	0	17.69	17.78	17.65	19.00
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	22.78	22.86	22.76	24.00
1.4	QPSK	1	3	22.65	22.76	22.62	24.00
1.4	QPSK	1	5	22.64	22.85	22.71	24.00
1.4	QPSK	3	0	22.69	22.85	22.71	24.00
1.4	QPSK	3	1	22.61	22.78	22.77	24.00
1.4	QPSK	3	3	22.63	22.82	22.61	24.00
1.4	QPSK	6	0	21.60	21.75	21.69	23.00
1.4	16QAM	1	0	21.85	22.09	21.95	23.00
1.4	16QAM	1	3	22.00	22.01	21.91	23.00
1.4	16QAM	1	5	21.92	22.07	21.92	23.00
1.4	16QAM	3	0	21.68	21.85	21.64	23.00
1.4	16QAM	3	1	21.64	21.79	21.63	23.00
1.4	16QAM	3	3	21.75	21.86	21.64	23.00
1.4	16QAM	6	0	20.72	20.87	20.65	22.00
1.4	64QAM	1	0	20.77	20.96	20.84	22.00
1.4	64QAM	1	3	20.81	20.88	20.70	22.00
1.4	64QAM	1	5	20.81	20.98	20.71	22.00
1.4	64QAM	3	0	20.63	20.73	20.64	22.00
1.4	64QAM	3	1	20.68	20.86	20.71	22.00
1.4	64QAM	3	3	20.74	20.84	20.69	22.00
1.4	64QAM	6	0	19.74	19.82	19.54	21.00
1.4	256QAM	1	0	17.73	17.82	17.84	19.00
1.4	256QAM	1	3	17.76	17.79	17.71	19.00
1.4	256QAM	1	5	17.83	17.94	17.72	19.00
1.4	256QAM	3	0	17.68	17.71	17.69	19.00
1.4	256QAM	3	1	17.66	17.71	17.71	19.00
1.4	256QAM	3	3	17.62	17.73	17.63	19.00

1.4	256QAM	6	0	17.63	17.74	17.66	19.00
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【LTE Band 5_Ant 0_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	22.90	22.96	22.90	24.00
10	QPSK	1	25	22.78	22.87	22.72	24.00
10	QPSK	1	49	22.72	22.87	22.73	24.00
10	QPSK	25	0	21.84	21.92	21.85	23.00
10	QPSK	25	12	21.72	21.87	21.80	23.00
10	QPSK	25	25	21.73	21.89	21.69	23.00
10	QPSK	50	0	21.75	21.90	21.83	23.00
10	16QAM	1	0	22.00	22.16	22.05	23.00
10	16QAM	1	25	22.02	22.13	22.03	23.00
10	16QAM	1	49	22.06	22.20	22.02	23.00
10	16QAM	25	0	20.80	20.89	20.72	22.00
10	16QAM	25	12	20.75	20.84	20.71	22.00
10	16QAM	25	25	20.82	20.89	20.73	22.00
10	16QAM	50	0	20.81	20.90	20.71	22.00
10	64QAM	1	0	20.83	21.02	20.92	22.00
10	64QAM	1	25	20.86	20.96	20.79	22.00
10	64QAM	1	49	20.87	21.03	20.84	22.00
10	64QAM	25	0	19.74	19.86	19.68	21.00
10	64QAM	25	12	19.70	19.88	19.76	21.00
10	64QAM	25	25	19.78	19.87	19.73	21.00
10	64QAM	50	0	19.78	19.84	19.65	21.00
10	256QAM	1	0	17.87	17.94	17.86	19.00
10	256QAM	1	25	17.82	17.94	17.83	19.00
10	256QAM	1	49	17.89	17.95	17.77	19.00
10	256QAM	25	0	17.70	17.85	17.73	19.00
10	256QAM	25	12	17.75	17.83	17.74	19.00
10	256QAM	25	25	17.71	17.80	17.69	19.00
10	256QAM	50	0	17.70	17.84	17.75	19.00
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	22.76	22.93	22.80	24.00
5	QPSK	1	12	22.71	22.79	22.57	24.00
5	QPSK	1	24	22.65	22.75	22.67	24.00
5	QPSK	12	0	21.82	21.79	21.82	23.00
5	QPSK	12	7	21.60	21.83	21.70	23.00
5	QPSK	12	13	21.71	21.83	21.59	23.00
5	QPSK	25	0	21.73	21.79	21.79	23.00
5	16QAM	1	0	21.86	22.01	21.90	23.00
5	16QAM	1	12	21.95	21.99	21.98	23.00
5	16QAM	1	24	21.93	22.16	22.00	23.00
5	16QAM	12	0	20.77	20.83	20.58	22.00
5	16QAM	12	7	20.66	20.75	20.67	22.00
5	16QAM	12	13	20.70	20.86	20.69	22.00
5	16QAM	25	0	20.68	20.78	20.68	22.00
5	64QAM	1	0	20.73	20.95	20.88	22.00
5	64QAM	1	12	20.81	20.92	20.77	22.00
5	64QAM	1	24	20.80	20.92	20.73	22.00
5	64QAM	12	0	19.69	19.77	19.58	21.00
5	64QAM	12	7	19.65	19.81	19.74	21.00
5	64QAM	12	13	19.73	19.80	19.61	21.00
5	64QAM	25	0	19.71	19.73	19.52	21.00
5	256QAM	1	0	17.73	17.89	17.71	19.00
5	256QAM	1	12	17.67	17.81	17.80	19.00
5	256QAM	1	24	17.88	17.83	17.73	19.00
5	256QAM	12	0	17.66	17.72	17.63	19.00
5	256QAM	12	7	17.67	17.78	17.71	19.00
5	256QAM	12	13	17.66	17.73	17.59	19.00
5	256QAM	25	0	17.62	17.81	17.62	19.00
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	22.82	22.90	22.82	24.00
3	QPSK	1	8	22.64	22.76	22.69	24.00
3	QPSK	1	14	22.70	22.74	22.58	24.00
3	QPSK	8	0	21.82	21.83	21.81	23.00
3	QPSK	8	4	21.61	21.76	21.75	23.00

3	QPSK	8	7	21.62	21.76	21.59	23.00
3	QPSK	15	0	21.67	21.84	21.79	23.00
3	16QAM	1	0	21.89	22.03	22.02	23.00
3	16QAM	1	8	22.00	22.05	21.89	23.00
3	16QAM	1	14	22.02	22.08	21.93	23.00
3	16QAM	8	0	20.74	20.77	20.66	22.00
3	16QAM	8	4	20.73	20.81	20.66	22.00
3	16QAM	8	7	20.75	20.79	20.64	22.00
3	16QAM	15	0	20.69	20.89	20.66	22.00
3	64QAM	1	0	20.73	21.00	20.77	22.00
3	64QAM	1	8	20.77	20.89	20.66	22.00
3	64QAM	1	14	20.82	20.99	20.74	22.00
3	64QAM	8	0	19.61	19.85	19.60	21.00
3	64QAM	8	4	19.67	19.75	19.64	21.00
3	64QAM	8	7	19.68	19.85	19.71	21.00
3	64QAM	15	0	19.70	19.77	19.58	21.00
3	256QAM	1	0	17.81	17.87	17.73	19.00
3	256QAM	1	8	17.70	17.92	17.80	19.00
3	256QAM	1	14	17.82	17.88	17.67	19.00
3	256QAM	8	0	17.55	17.77	17.70	19.00
3	256QAM	8	4	17.70	17.78	17.65	19.00
3	256QAM	8	7	17.64	17.69	17.61	19.00
3	256QAM	15	0	17.69	17.78	17.65	19.00
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	22.78	22.86	22.76	24.00
1.4	QPSK	1	3	22.65	22.76	22.62	24.00
1.4	QPSK	1	5	22.64	22.85	22.71	24.00
1.4	QPSK	3	0	22.69	22.85	22.71	24.00
1.4	QPSK	3	1	22.61	22.78	22.77	24.00
1.4	QPSK	3	3	22.63	22.82	22.61	24.00
1.4	QPSK	6	0	21.60	21.75	21.69	23.00
1.4	16QAM	1	0	21.85	22.09	21.95	23.00
1.4	16QAM	1	3	22.00	22.01	21.91	23.00
1.4	16QAM	1	5	21.92	22.07	21.92	23.00
1.4	16QAM	3	0	21.68	21.85	21.64	23.00
1.4	16QAM	3	1	21.64	21.79	21.63	23.00
1.4	16QAM	3	3	21.75	21.86	21.64	23.00
1.4	16QAM	6	0	20.72	20.87	20.65	22.00
1.4	64QAM	1	0	20.77	20.96	20.84	22.00
1.4	64QAM	1	3	20.81	20.88	20.70	22.00
1.4	64QAM	1	5	20.81	20.98	20.71	22.00
1.4	64QAM	3	0	20.63	20.73	20.64	22.00
1.4	64QAM	3	1	20.68	20.86	20.71	22.00
1.4	64QAM	3	3	20.74	20.84	20.69	22.00
1.4	64QAM	6	0	19.74	19.82	19.54	21.00
1.4	256QAM	1	0	17.73	17.82	17.84	19.00
1.4	256QAM	1	3	17.76	17.79	17.71	19.00
1.4	256QAM	1	5	17.83	17.94	17.72	19.00
1.4	256QAM	3	0	17.68	17.71	17.69	19.00
1.4	256QAM	3	1	17.66	17.71	17.71	19.00
1.4	256QAM	3	3	17.62	17.73	17.63	19.00
1.4	256QAM	6	0	17.63	17.74	17.66	19.00

【LTE Band 5_Ant 0_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	22.90	22.96	22.90	24.00
10	QPSK	1	25	22.78	22.87	22.72	24.00
10	QPSK	1	49	22.72	22.87	22.73	24.00
10	QPSK	25	0	21.84	21.92	21.85	23.00
10	QPSK	25	12	21.72	21.87	21.80	23.00
10	QPSK	25	25	21.73	21.89	21.69	23.00
10	QPSK	50	0	21.75	21.90	21.83	23.00
10	16QAM	1	0	22.00	22.16	22.05	23.00
10	16QAM	1	25	22.02	22.13	22.03	23.00
10	16QAM	1	49	22.06	22.20	22.02	23.00
10	16QAM	25	0	20.80	20.89	20.72	22.00
10	16QAM	25	12	20.75	20.84	20.71	22.00
10	16QAM	25	25	20.82	20.89	20.73	22.00

10	16QAM	50	0	20.81	20.90	20.71	22.00
10	64QAM	1	0	20.83	21.02	20.92	22.00
10	64QAM	1	25	20.86	20.96	20.79	22.00
10	64QAM	1	49	20.87	21.03	20.84	22.00
10	64QAM	25	0	19.74	19.86	19.68	21.00
10	64QAM	25	12	19.70	19.88	19.76	21.00
10	64QAM	25	25	19.78	19.87	19.73	21.00
10	64QAM	50	0	19.78	19.84	19.65	21.00
10	256QAM	1	0	17.87	17.94	17.86	19.00
10	256QAM	1	25	17.82	17.94	17.83	19.00
10	256QAM	1	49	17.89	17.95	17.77	19.00
10	256QAM	25	0	17.70	17.85	17.73	19.00
10	256QAM	25	12	17.75	17.83	17.74	19.00
10	256QAM	25	25	17.71	17.80	17.69	19.00
10	256QAM	50	0	17.70	17.84	17.75	19.00
Channel				20425	20525	20625	Tune-up limit
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	22.76	22.93	22.80	24.00
5	QPSK	1	12	22.71	22.79	22.57	24.00
5	QPSK	1	24	22.65	22.75	22.67	24.00
5	QPSK	12	0	21.82	21.79	21.82	23.00
5	QPSK	12	7	21.60	21.83	21.70	23.00
5	QPSK	12	13	21.71	21.83	21.59	23.00
5	QPSK	25	0	21.73	21.79	21.79	23.00
5	16QAM	1	0	21.86	22.01	21.90	23.00
5	16QAM	1	12	21.95	21.99	21.98	23.00
5	16QAM	1	24	21.93	22.16	22.00	23.00
5	16QAM	12	0	20.77	20.83	20.58	22.00
5	16QAM	12	7	20.66	20.75	20.67	22.00
5	16QAM	12	13	20.70	20.86	20.69	22.00
5	16QAM	25	0	20.68	20.78	20.68	22.00
5	64QAM	1	0	20.73	20.95	20.88	22.00
5	64QAM	1	12	20.81	20.92	20.77	22.00
5	64QAM	1	24	20.80	20.92	20.73	22.00
5	64QAM	12	0	19.69	19.77	19.58	21.00
5	64QAM	12	7	19.65	19.81	19.74	21.00
5	64QAM	12	13	19.73	19.80	19.61	21.00
5	64QAM	25	0	19.71	19.73	19.52	21.00
5	256QAM	1	0	17.73	17.89	17.71	19.00
5	256QAM	1	12	17.67	17.81	17.80	19.00
5	256QAM	1	24	17.88	17.83	17.73	19.00
5	256QAM	12	0	17.66	17.72	17.63	19.00
5	256QAM	12	7	17.67	17.78	17.71	19.00
5	256QAM	12	13	17.66	17.73	17.59	19.00
5	256QAM	25	0	17.62	17.81	17.62	19.00
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	22.82	22.90	22.82	24.00
3	QPSK	1	8	22.64	22.76	22.69	24.00
3	QPSK	1	14	22.70	22.74	22.58	24.00
3	QPSK	8	0	21.82	21.83	21.81	23.00
3	QPSK	8	4	21.61	21.76	21.75	23.00
3	QPSK	8	7	21.62	21.76	21.59	23.00
3	QPSK	15	0	21.67	21.84	21.79	23.00
3	16QAM	1	0	21.89	22.03	22.02	23.00
3	16QAM	1	8	22.00	22.05	21.89	23.00
3	16QAM	1	14	22.02	22.08	21.93	23.00
3	16QAM	8	0	20.74	20.77	20.66	22.00
3	16QAM	8	4	20.73	20.81	20.66	22.00
3	16QAM	8	7	20.75	20.79	20.64	22.00
3	16QAM	15	0	20.69	20.89	20.66	22.00
3	64QAM	1	0	20.73	21.00	20.77	22.00
3	64QAM	1	8	20.77	20.89	20.66	22.00
3	64QAM	1	14	20.82	20.99	20.74	22.00
3	64QAM	8	0	19.61	19.85	19.60	21.00
3	64QAM	8	4	19.67	19.75	19.64	21.00
3	64QAM	8	7	19.68	19.85	19.71	21.00
3	64QAM	15	0	19.70	19.77	19.58	21.00
3	256QAM	1	0	17.81	17.87	17.73	19.00
3	256QAM	1	8	17.70	17.92	17.80	19.00
3	256QAM	1	14	17.82	17.88	17.67	19.00
3	256QAM	8	0	17.55	17.77	17.70	19.00
3	256QAM	8	4	17.70	17.78	17.65	19.00
3	256QAM	8	7	17.64	17.69	17.61	19.00
3	256QAM	15	0	17.69	17.78	17.65	19.00
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	22.78	22.86	22.76	24.00

1.4	QPSK	1	3	22.65	22.76	22.62	24.00
1.4	QPSK	1	5	22.64	22.85	22.71	24.00
1.4	QPSK	3	0	22.69	22.85	22.71	24.00
1.4	QPSK	3	1	22.61	22.78	22.77	24.00
1.4	QPSK	3	3	22.63	22.82	22.61	24.00
1.4	QPSK	6	0	21.60	21.75	21.69	23.00
1.4	16QAM	1	0	21.85	22.09	21.95	23.00
1.4	16QAM	1	3	22.00	22.01	21.91	23.00
1.4	16QAM	1	5	21.92	22.07	21.92	23.00
1.4	16QAM	3	0	21.68	21.85	21.64	23.00
1.4	16QAM	3	1	21.64	21.79	21.63	23.00
1.4	16QAM	3	3	21.75	21.86	21.64	23.00
1.4	16QAM	6	0	20.72	20.87	20.65	22.00
1.4	64QAM	1	0	20.77	20.96	20.84	22.00
1.4	64QAM	1	3	20.81	20.88	20.70	22.00
1.4	64QAM	1	5	20.81	20.98	20.71	22.00
1.4	64QAM	3	0	20.63	20.73	20.64	22.00
1.4	64QAM	3	1	20.68	20.86	20.71	22.00
1.4	64QAM	3	3	20.74	20.84	20.69	22.00
1.4	64QAM	6	0	19.74	19.82	19.54	21.00
1.4	256QAM	1	0	17.73	17.82	17.84	19.00
1.4	256QAM	1	3	17.76	17.79	17.71	19.00
1.4	256QAM	1	5	17.83	17.94	17.72	19.00
1.4	256QAM	3	0	17.68	17.71	17.69	19.00
1.4	256QAM	3	1	17.66	17.71	17.71	19.00
1.4	256QAM	3	3	17.62	17.73	17.63	19.00
1.4	256QAM	6	0	17.63	17.74	17.66	19.00

【LTE Band 5_Ant 0_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	22.90	22.96	22.90	24.00
10	QPSK	1	25	22.78	22.87	22.72	24.00
10	QPSK	1	49	22.72	22.87	22.73	24.00
10	QPSK	25	0	21.84	21.92	21.85	23.00
10	QPSK	25	12	21.72	21.87	21.80	23.00
10	QPSK	25	25	21.73	21.89	21.69	23.00
10	QPSK	50	0	21.75	21.90	21.83	23.00
10	16QAM	1	0	22.00	22.16	22.05	23.00
10	16QAM	1	25	22.02	22.13	22.03	23.00
10	16QAM	1	49	22.06	22.20	22.02	23.00
10	16QAM	25	0	20.80	20.89	20.72	22.00
10	16QAM	25	12	20.75	20.84	20.71	22.00
10	16QAM	25	25	20.82	20.89	20.73	22.00
10	16QAM	50	0	20.81	20.90	20.71	22.00
10	64QAM	1	0	20.83	21.02	20.92	22.00
10	64QAM	1	25	20.86	20.96	20.79	22.00
10	64QAM	1	49	20.87	21.03	20.84	22.00
10	64QAM	25	0	19.74	19.86	19.68	21.00
10	64QAM	25	12	19.70	19.88	19.76	21.00
10	64QAM	25	25	19.78	19.87	19.73	21.00
10	64QAM	50	0	19.78	19.84	19.65	21.00
10	256QAM	1	0	17.87	17.94	17.86	19.00
10	256QAM	1	25	17.82	17.94	17.83	19.00
10	256QAM	1	49	17.89	17.95	17.77	19.00
10	256QAM	25	0	17.70	17.85	17.73	19.00
10	256QAM	25	12	17.75	17.83	17.74	19.00
10	256QAM	25	25	17.71	17.80	17.69	19.00
10	256QAM	50	0	17.70	17.84	17.75	19.00
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	22.76	22.93	22.80	24.00
5	QPSK	1	12	22.71	22.79	22.57	24.00
5	QPSK	1	24	22.65	22.75	22.67	24.00
5	QPSK	12	0	21.82	21.79	21.82	23.00
5	QPSK	12	7	21.60	21.83	21.70	23.00
5	QPSK	12	13	21.71	21.83	21.59	23.00
5	QPSK	25	0	21.73	21.79	21.79	23.00
5	16QAM	1	0	21.86	22.01	21.90	23.00
5	16QAM	1	12	21.95	21.99	21.98	23.00

5	16QAM	1	24	21.93	22.16	22.00	23.00
5	16QAM	12	0	20.77	20.83	20.58	22.00
5	16QAM	12	7	20.66	20.75	20.67	22.00
5	16QAM	12	13	20.70	20.86	20.69	22.00
5	16QAM	25	0	20.68	20.78	20.68	22.00
5	64QAM	1	0	20.73	20.95	20.88	22.00
5	64QAM	1	12	20.81	20.92	20.77	22.00
5	64QAM	1	24	20.80	20.92	20.73	22.00
5	64QAM	12	0	19.69	19.77	19.58	21.00
5	64QAM	12	7	19.65	19.81	19.74	21.00
5	64QAM	12	13	19.73	19.80	19.61	21.00
5	64QAM	25	0	19.71	19.73	19.52	21.00
5	256QAM	1	0	17.73	17.89	17.71	19.00
5	256QAM	1	12	17.67	17.81	17.80	19.00
5	256QAM	1	24	17.88	17.83	17.73	19.00
5	256QAM	12	0	17.66	17.72	17.63	19.00
5	256QAM	12	7	17.67	17.78	17.71	19.00
5	256QAM	12	13	17.66	17.73	17.59	19.00
5	256QAM	25	0	17.62	17.81	17.62	19.00
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	22.82	22.90	22.82	24.00
3	QPSK	1	8	22.64	22.76	22.69	24.00
3	QPSK	1	14	22.70	22.74	22.58	24.00
3	QPSK	8	0	21.82	21.83	21.81	23.00
3	QPSK	8	4	21.61	21.76	21.75	23.00
3	QPSK	8	7	21.62	21.76	21.59	23.00
3	QPSK	15	0	21.67	21.84	21.79	23.00
3	16QAM	1	0	21.89	22.03	22.02	23.00
3	16QAM	1	8	22.00	22.05	21.89	23.00
3	16QAM	1	14	22.02	22.08	21.93	23.00
3	16QAM	8	0	20.74	20.77	20.66	22.00
3	16QAM	8	4	20.73	20.81	20.66	22.00
3	16QAM	8	7	20.75	20.79	20.64	22.00
3	16QAM	15	0	20.69	20.89	20.66	22.00
3	64QAM	1	0	20.73	21.00	20.77	22.00
3	64QAM	1	8	20.77	20.89	20.66	22.00
3	64QAM	1	14	20.82	20.99	20.74	22.00
3	64QAM	8	0	19.61	19.85	19.60	21.00
3	64QAM	8	4	19.67	19.75	19.64	21.00
3	64QAM	8	7	19.68	19.85	19.71	21.00
3	64QAM	15	0	19.70	19.77	19.58	21.00
3	256QAM	1	0	17.81	17.87	17.73	19.00
3	256QAM	1	8	17.70	17.92	17.80	19.00
3	256QAM	1	14	17.82	17.88	17.67	19.00
3	256QAM	8	0	17.55	17.77	17.70	19.00
3	256QAM	8	4	17.70	17.78	17.65	19.00
3	256QAM	8	7	17.64	17.69	17.61	19.00
3	256QAM	15	0	17.69	17.78	17.65	19.00
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	22.78	22.86	22.76	24.00
1.4	QPSK	1	3	22.65	22.76	22.62	24.00
1.4	QPSK	1	5	22.64	22.85	22.71	24.00
1.4	QPSK	3	0	22.69	22.85	22.71	24.00
1.4	QPSK	3	1	22.61	22.78	22.77	24.00
1.4	QPSK	3	3	22.63	22.82	22.61	24.00
1.4	QPSK	6	0	21.60	21.75	21.69	23.00
1.4	16QAM	1	0	21.85	22.09	21.95	23.00
1.4	16QAM	1	3	22.00	22.01	21.91	23.00
1.4	16QAM	1	5	21.92	22.07	21.92	23.00
1.4	16QAM	3	0	21.68	21.85	21.64	23.00
1.4	16QAM	3	1	21.64	21.79	21.63	23.00
1.4	16QAM	3	3	21.75	21.86	21.64	23.00
1.4	16QAM	6	0	20.72	20.87	20.65	22.00
1.4	64QAM	1	0	20.77	20.96	20.84	22.00
1.4	64QAM	1	3	20.81	20.88	20.70	22.00
1.4	64QAM	1	5	20.81	20.98	20.71	22.00
1.4	64QAM	3	0	20.63	20.73	20.64	22.00
1.4	64QAM	3	1	20.68	20.86	20.71	22.00
1.4	64QAM	3	3	20.74	20.84	20.69	22.00
1.4	64QAM	6	0	19.74	19.82	19.54	21.00
1.4	256QAM	1	0	17.73	17.82	17.84	19.00
1.4	256QAM	1	3	17.76	17.79	17.71	19.00
1.4	256QAM	1	5	17.83	17.94	17.72	19.00
1.4	256QAM	3	0	17.68	17.71	17.69	19.00
1.4	256QAM	3	1	17.66	17.71	17.71	19.00
1.4	256QAM	3	3	17.62	17.73	17.63	19.00

1.4	256QAM	6	0	17.63	17.74	17.66	19.00
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【LTE Band 5_Ant 0_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	22.90	22.96	22.90	24.00
10	QPSK	1	25	22.78	22.87	22.72	24.00
10	QPSK	1	49	22.72	22.87	22.73	24.00
10	QPSK	25	0	21.84	21.92	21.85	23.00
10	QPSK	25	12	21.72	21.87	21.80	23.00
10	QPSK	25	25	21.73	21.89	21.69	23.00
10	QPSK	50	0	21.75	21.90	21.83	23.00
10	16QAM	1	0	22.00	22.16	22.05	23.00
10	16QAM	1	25	22.02	22.13	22.03	23.00
10	16QAM	1	49	22.06	22.20	22.02	23.00
10	16QAM	25	0	20.80	20.89	20.72	22.00
10	16QAM	25	12	20.75	20.84	20.71	22.00
10	16QAM	25	25	20.82	20.89	20.73	22.00
10	16QAM	50	0	20.81	20.90	20.71	22.00
10	64QAM	1	0	20.83	21.02	20.92	22.00
10	64QAM	1	25	20.86	20.96	20.79	22.00
10	64QAM	1	49	20.87	21.03	20.84	22.00
10	64QAM	25	0	19.74	19.86	19.68	21.00
10	64QAM	25	12	19.70	19.88	19.76	21.00
10	64QAM	25	25	19.78	19.87	19.73	21.00
10	64QAM	50	0	19.78	19.84	19.65	21.00
10	256QAM	1	0	17.87	17.94	17.86	19.00
10	256QAM	1	25	17.82	17.94	17.83	19.00
10	256QAM	1	49	17.89	17.95	17.77	19.00
10	256QAM	25	0	17.70	17.85	17.73	19.00
10	256QAM	25	12	17.75	17.83	17.74	19.00
10	256QAM	25	25	17.71	17.80	17.69	19.00
10	256QAM	50	0	17.70	17.84	17.75	19.00
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	22.76	22.93	22.80	24.00
5	QPSK	1	12	22.71	22.79	22.57	24.00
5	QPSK	1	24	22.65	22.75	22.67	24.00
5	QPSK	12	0	21.82	21.79	21.82	23.00
5	QPSK	12	7	21.60	21.83	21.70	23.00
5	QPSK	12	13	21.71	21.83	21.59	23.00
5	QPSK	25	0	21.73	21.79	21.79	23.00
5	16QAM	1	0	21.86	22.01	21.90	23.00
5	16QAM	1	12	21.95	21.99	21.98	23.00
5	16QAM	1	24	21.93	22.16	22.00	23.00
5	16QAM	12	0	20.77	20.83	20.58	22.00
5	16QAM	12	7	20.66	20.75	20.67	22.00
5	16QAM	12	13	20.70	20.86	20.69	22.00
5	16QAM	25	0	20.68	20.78	20.68	22.00
5	64QAM	1	0	20.73	20.95	20.88	22.00
5	64QAM	1	12	20.81	20.92	20.77	22.00
5	64QAM	1	24	20.80	20.92	20.73	22.00
5	64QAM	12	0	19.69	19.77	19.58	21.00
5	64QAM	12	7	19.65	19.81	19.74	21.00
5	64QAM	12	13	19.73	19.80	19.61	21.00
5	64QAM	25	0	19.71	19.73	19.52	21.00
5	256QAM	1	0	17.73	17.89	17.71	19.00
5	256QAM	1	12	17.67	17.81	17.80	19.00
5	256QAM	1	24	17.88	17.83	17.73	19.00
5	256QAM	12	0	17.66	17.72	17.63	19.00
5	256QAM	12	7	17.67	17.78	17.71	19.00
5	256QAM	12	13	17.66	17.73	17.59	19.00
5	256QAM	25	0	17.62	17.81	17.62	19.00
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	22.82	22.90	22.82	24.00
3	QPSK	1	8	22.64	22.76	22.69	24.00
3	QPSK	1	14	22.70	22.74	22.58	24.00
3	QPSK	8	0	21.82	21.83	21.81	23.00
3	QPSK	8	4	21.61	21.76	21.75	23.00

3	QPSK	8	7	21.62	21.76	21.59	23.00
3	QPSK	15	0	21.67	21.84	21.79	23.00
3	16QAM	1	0	21.89	22.03	22.02	23.00
3	16QAM	1	8	22.00	22.05	21.89	23.00
3	16QAM	1	14	22.02	22.08	21.93	23.00
3	16QAM	8	0	20.74	20.77	20.66	22.00
3	16QAM	8	4	20.73	20.81	20.66	22.00
3	16QAM	8	7	20.75	20.79	20.64	22.00
3	16QAM	15	0	20.69	20.89	20.66	22.00
3	64QAM	1	0	20.73	21.00	20.77	22.00
3	64QAM	1	8	20.77	20.89	20.66	22.00
3	64QAM	1	14	20.82	20.99	20.74	22.00
3	64QAM	8	0	19.61	19.85	19.60	21.00
3	64QAM	8	4	19.67	19.75	19.64	21.00
3	64QAM	8	7	19.68	19.85	19.71	21.00
3	64QAM	15	0	19.70	19.77	19.58	21.00
3	256QAM	1	0	17.81	17.87	17.73	19.00
3	256QAM	1	8	17.70	17.92	17.80	19.00
3	256QAM	1	14	17.82	17.88	17.67	19.00
3	256QAM	8	0	17.55	17.77	17.70	19.00
3	256QAM	8	4	17.70	17.78	17.65	19.00
3	256QAM	8	7	17.64	17.69	17.61	19.00
3	256QAM	15	0	17.69	17.78	17.65	19.00
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	22.78	22.86	22.76	24.00
1.4	QPSK	1	3	22.65	22.76	22.62	24.00
1.4	QPSK	1	5	22.64	22.85	22.71	24.00
1.4	QPSK	3	0	22.69	22.85	22.71	24.00
1.4	QPSK	3	1	22.61	22.78	22.77	24.00
1.4	QPSK	3	3	22.63	22.82	22.61	24.00
1.4	QPSK	6	0	21.60	21.75	21.69	23.00
1.4	16QAM	1	0	21.85	22.09	21.95	23.00
1.4	16QAM	1	3	22.00	22.01	21.91	23.00
1.4	16QAM	1	5	21.92	22.07	21.92	23.00
1.4	16QAM	3	0	21.68	21.85	21.64	23.00
1.4	16QAM	3	1	21.64	21.79	21.63	23.00
1.4	16QAM	3	3	21.75	21.86	21.64	23.00
1.4	16QAM	6	0	20.72	20.87	20.65	22.00
1.4	64QAM	1	0	20.77	20.96	20.84	22.00
1.4	64QAM	1	3	20.81	20.88	20.70	22.00
1.4	64QAM	1	5	20.81	20.98	20.71	22.00
1.4	64QAM	3	0	20.63	20.73	20.64	22.00
1.4	64QAM	3	1	20.68	20.86	20.71	22.00
1.4	64QAM	3	3	20.74	20.84	20.69	22.00
1.4	64QAM	6	0	19.74	19.82	19.54	21.00
1.4	256QAM	1	0	17.73	17.82	17.84	19.00
1.4	256QAM	1	3	17.76	17.79	17.71	19.00
1.4	256QAM	1	5	17.83	17.94	17.72	19.00
1.4	256QAM	3	0	17.68	17.71	17.69	19.00
1.4	256QAM	3	1	17.66	17.71	17.71	19.00
1.4	256QAM	3	3	17.62	17.73	17.63	19.00
1.4	256QAM	6	0	17.63	17.74	17.66	19.00

【LTE Band 5_Ant 0_ECI 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	22.90	22.96	22.90	24.00
10	QPSK	1	25	22.78	22.87	22.72	24.00
10	QPSK	1	49	22.72	22.87	22.73	24.00
10	QPSK	25	0	21.84	21.92	21.85	23.00
10	QPSK	25	12	21.72	21.87	21.80	23.00
10	QPSK	25	25	21.73	21.89	21.69	23.00
10	QPSK	50	0	21.75	21.90	21.83	23.00
10	16QAM	1	0	22.00	22.16	22.05	23.00
10	16QAM	1	25	22.02	22.13	22.03	23.00
10	16QAM	1	49	22.06	22.20	22.02	23.00
10	16QAM	25	0	20.80	20.89	20.72	22.00
10	16QAM	25	12	20.75	20.84	20.71	22.00
10	16QAM	25	25	20.82	20.89	20.73	22.00

10	16QAM	50	0	20.81	20.90	20.71	22.00
10	64QAM	1	0	20.83	21.02	20.92	22.00
10	64QAM	1	25	20.86	20.96	20.79	22.00
10	64QAM	1	49	20.87	21.03	20.84	22.00
10	64QAM	25	0	19.74	19.86	19.68	21.00
10	64QAM	25	12	19.70	19.88	19.76	21.00
10	64QAM	25	25	19.78	19.87	19.73	21.00
10	64QAM	50	0	19.78	19.84	19.65	21.00
10	256QAM	1	0	17.87	17.94	17.86	19.00
10	256QAM	1	25	17.82	17.94	17.83	19.00
10	256QAM	1	49	17.89	17.95	17.77	19.00
10	256QAM	25	0	17.70	17.85	17.73	19.00
10	256QAM	25	12	17.75	17.83	17.74	19.00
10	256QAM	25	25	17.71	17.80	17.69	19.00
10	256QAM	50	0	17.70	17.84	17.75	19.00
Channel				20425	20525	20625	Tune-up limit
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	22.76	22.93	22.80	24.00
5	QPSK	1	12	22.71	22.79	22.57	24.00
5	QPSK	1	24	22.65	22.75	22.67	24.00
5	QPSK	12	0	21.82	21.79	21.82	23.00
5	QPSK	12	7	21.60	21.83	21.70	23.00
5	QPSK	12	13	21.71	21.83	21.59	23.00
5	QPSK	25	0	21.73	21.79	21.79	23.00
5	16QAM	1	0	21.86	22.01	21.90	23.00
5	16QAM	1	12	21.95	21.99	21.98	23.00
5	16QAM	1	24	21.93	22.16	22.00	23.00
5	16QAM	12	0	20.77	20.83	20.58	22.00
5	16QAM	12	7	20.66	20.75	20.67	22.00
5	16QAM	12	13	20.70	20.86	20.69	22.00
5	16QAM	25	0	20.68	20.78	20.68	22.00
5	64QAM	1	0	20.73	20.95	20.88	22.00
5	64QAM	1	12	20.81	20.92	20.77	22.00
5	64QAM	1	24	20.80	20.92	20.73	22.00
5	64QAM	12	0	19.69	19.77	19.58	21.00
5	64QAM	12	7	19.65	19.81	19.74	21.00
5	64QAM	12	13	19.73	19.80	19.61	21.00
5	64QAM	25	0	19.71	19.73	19.52	21.00
5	256QAM	1	0	17.73	17.89	17.71	19.00
5	256QAM	1	12	17.67	17.81	17.80	19.00
5	256QAM	1	24	17.88	17.83	17.73	19.00
5	256QAM	12	0	17.66	17.72	17.63	19.00
5	256QAM	12	7	17.67	17.78	17.71	19.00
5	256QAM	12	13	17.66	17.73	17.59	19.00
5	256QAM	25	0	17.62	17.81	17.62	19.00
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	22.82	22.90	22.82	24.00
3	QPSK	1	8	22.64	22.76	22.69	24.00
3	QPSK	1	14	22.70	22.74	22.58	24.00
3	QPSK	8	0	21.82	21.83	21.81	23.00
3	QPSK	8	4	21.61	21.76	21.75	23.00
3	QPSK	8	7	21.62	21.76	21.59	23.00
3	QPSK	15	0	21.67	21.84	21.79	23.00
3	16QAM	1	0	21.89	22.03	22.02	23.00
3	16QAM	1	8	22.00	22.05	21.89	23.00
3	16QAM	1	14	22.02	22.08	21.93	23.00
3	16QAM	8	0	20.74	20.77	20.66	22.00
3	16QAM	8	4	20.73	20.81	20.66	22.00
3	16QAM	8	7	20.75	20.79	20.64	22.00
3	16QAM	15	0	20.69	20.89	20.66	22.00
3	64QAM	1	0	20.73	21.00	20.77	22.00
3	64QAM	1	8	20.77	20.89	20.66	22.00
3	64QAM	1	14	20.82	20.99	20.74	22.00
3	64QAM	8	0	19.61	19.85	19.60	21.00
3	64QAM	8	4	19.67	19.75	19.64	21.00
3	64QAM	8	7	19.68	19.85	19.71	21.00
3	64QAM	15	0	19.70	19.77	19.58	21.00
3	256QAM	1	0	17.81	17.87	17.73	19.00
3	256QAM	1	8	17.70	17.92	17.80	19.00
3	256QAM	1	14	17.82	17.88	17.67	19.00
3	256QAM	8	0	17.55	17.77	17.70	19.00
3	256QAM	8	4	17.70	17.78	17.65	19.00
3	256QAM	8	7	17.64	17.69	17.61	19.00
3	256QAM	15	0	17.69	17.78	17.65	19.00
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	22.78	22.86	22.76	24.00

1.4	QPSK	1	3	22.65	22.76	22.62	24.00
1.4	QPSK	1	5	22.64	22.85	22.71	24.00
1.4	QPSK	3	0	22.69	22.85	22.71	24.00
1.4	QPSK	3	1	22.61	22.78	22.77	24.00
1.4	QPSK	3	3	22.63	22.82	22.61	24.00
1.4	QPSK	6	0	21.60	21.75	21.69	23.00
1.4	16QAM	1	0	21.85	22.09	21.95	23.00
1.4	16QAM	1	3	22.00	22.01	21.91	23.00
1.4	16QAM	1	5	21.92	22.07	21.92	23.00
1.4	16QAM	3	0	21.68	21.85	21.64	23.00
1.4	16QAM	3	1	21.64	21.79	21.63	23.00
1.4	16QAM	3	3	21.75	21.86	21.64	23.00
1.4	16QAM	6	0	20.72	20.87	20.65	22.00
1.4	64QAM	1	0	20.77	20.96	20.84	22.00
1.4	64QAM	1	3	20.81	20.88	20.70	22.00
1.4	64QAM	1	5	20.81	20.98	20.71	22.00
1.4	64QAM	3	0	20.63	20.73	20.64	22.00
1.4	64QAM	3	1	20.68	20.86	20.71	22.00
1.4	64QAM	3	3	20.74	20.84	20.69	22.00
1.4	64QAM	6	0	19.74	19.82	19.54	21.00
1.4	256QAM	1	0	17.73	17.82	17.84	19.00
1.4	256QAM	1	3	17.76	17.79	17.71	19.00
1.4	256QAM	1	5	17.83	17.94	17.72	19.00
1.4	256QAM	3	0	17.68	17.71	17.69	19.00
1.4	256QAM	3	1	17.66	17.71	17.71	19.00
1.4	256QAM	3	3	17.62	17.73	17.63	19.00
1.4	256QAM	6	0	17.63	17.74	17.66	19.00

【LTE Band 5_Ant 4_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	22.76	22.77	22.75	24.00
10	QPSK	1	25	22.65	22.71	22.63	24.00
10	QPSK	1	49	22.64	22.76	22.73	24.00
10	QPSK	25	0	21.66	21.76	21.70	23.00
10	QPSK	25	12	21.64	21.71	21.58	23.00
10	QPSK	25	25	21.60	21.74	21.59	23.00
10	QPSK	50	0	21.69	21.72	21.58	23.00
10	16QAM	1	0	21.96	22.06	21.96	23.00
10	16QAM	1	25	22.01	22.12	22.08	23.00
10	16QAM	1	49	22.07	22.11	22.04	23.00
10	16QAM	25	0	20.69	20.74	20.64	22.00
10	16QAM	25	12	20.57	20.72	20.67	22.00
10	16QAM	25	25	20.70	20.72	20.65	22.00
10	16QAM	50	0	20.61	20.71	20.62	22.00
10	64QAM	1	0	20.85	20.96	20.85	22.00
10	64QAM	1	25	20.74	20.88	20.73	22.00
10	64QAM	1	49	20.92	20.94	20.91	22.00
10	64QAM	25	0	19.63	19.70	19.60	21.00
10	64QAM	25	12	19.62	19.68	19.64	21.00
10	64QAM	25	25	19.63	19.69	19.66	21.00
10	64QAM	50	0	19.56	19.69	19.63	21.00
10	256QAM	1	0	17.76	17.88	17.75	19.00
10	256QAM	1	25	17.85	17.89	17.84	19.00
10	256QAM	1	49	17.68	17.75	17.63	19.00
10	256QAM	25	0	17.65	17.71	17.58	19.00
10	256QAM	25	12	17.55	17.69	17.59	19.00
10	256QAM	25	25	17.61	17.71	17.56	19.00
10	256QAM	50	0	17.68	17.72	17.57	19.00
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	22.72	22.67	22.70	24.00
5	QPSK	1	12	22.53	22.58	22.62	24.00
5	QPSK	1	24	22.60	22.73	22.60	24.00
5	QPSK	12	0	21.57	21.65	21.56	23.00
5	QPSK	12	7	21.62	21.69	21.54	23.00
5	QPSK	12	13	21.57	21.64	21.50	23.00
5	QPSK	25	0	21.61	21.68	21.51	23.00
5	16QAM	1	0	21.84	21.93	21.81	23.00
5	16QAM	1	12	21.91	22.04	21.99	23.00

5	16QAM	1	24	22.01	21.98	21.92	23.00
5	16QAM	12	0	20.55	20.64	20.53	22.00
5	16QAM	12	7	20.53	20.70	20.57	22.00
5	16QAM	12	13	20.62	20.64	20.51	22.00
5	16QAM	25	0	20.51	20.60	20.61	22.00
5	64QAM	1	0	20.74	20.86	20.70	22.00
5	64QAM	1	12	20.66	20.83	20.69	22.00
5	64QAM	1	24	20.86	20.88	20.80	22.00
5	64QAM	12	0	19.55	19.67	19.54	21.00
5	64QAM	12	7	19.55	19.66	19.56	21.00
5	64QAM	12	13	19.60	19.58	19.61	21.00
5	64QAM	25	0	19.45	19.68	19.61	21.00
5	256QAM	1	0	17.67	17.83	17.73	19.00
5	256QAM	1	12	17.76	17.82	17.74	19.00
5	256QAM	1	24	17.64	17.73	17.50	19.00
5	256QAM	12	0	17.61	17.60	17.44	19.00
5	256QAM	12	7	17.53	17.64	17.49	19.00
5	256QAM	12	13	17.47	17.59	17.49	19.00
5	256QAM	25	0	17.53	17.63	17.54	19.00
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	22.67	22.64	22.61	24.00
3	QPSK	1	8	22.54	22.64	22.49	24.00
3	QPSK	1	14	22.59	22.70	22.69	24.00
3	QPSK	8	0	21.55	21.65	21.62	23.00
3	QPSK	8	4	21.55	21.70	21.54	23.00
3	QPSK	8	7	21.57	21.67	21.55	23.00
3	QPSK	15	0	21.62	21.57	21.44	23.00
3	16QAM	1	0	21.88	21.95	21.95	23.00
3	16QAM	1	8	21.96	22.01	21.94	23.00
3	16QAM	1	14	22.02	22.02	22.00	23.00
3	16QAM	8	0	20.67	20.62	20.56	22.00
3	16QAM	8	4	20.48	20.69	20.58	22.00
3	16QAM	8	7	20.61	20.59	20.64	22.00
3	16QAM	15	0	20.50	20.56	20.51	22.00
3	64QAM	1	0	20.80	20.84	20.79	22.00
3	64QAM	1	8	20.67	20.77	20.59	22.00
3	64QAM	1	14	20.91	20.87	20.89	22.00
3	64QAM	8	0	19.61	19.69	19.52	21.00
3	64QAM	8	4	19.49	19.65	19.51	21.00
3	64QAM	8	7	19.58	19.56	19.57	21.00
3	64QAM	15	0	19.44	19.58	19.54	21.00
3	256QAM	1	0	17.72	17.86	17.69	19.00
3	256QAM	1	8	17.72	17.82	17.83	19.00
3	256QAM	1	14	17.58	17.72	17.61	19.00
3	256QAM	8	0	17.55	17.64	17.52	19.00
3	256QAM	8	4	17.44	17.64	17.50	19.00
3	256QAM	8	7	17.48	17.60	17.42	19.00
3	256QAM	15	0	17.53	17.63	17.49	19.00
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	22.71	22.65	22.65	24.00
1.4	QPSK	1	3	22.63	22.62	22.57	24.00
1.4	QPSK	1	5	22.60	22.74	22.68	24.00
1.4	QPSK	3	0	22.60	22.72	22.58	24.00
1.4	QPSK	3	1	22.63	22.68	22.44	24.00
1.4	QPSK	3	3	22.57	22.68	22.48	24.00
1.4	QPSK	6	0	21.65	21.67	21.52	23.00
1.4	16QAM	1	0	21.83	22.01	21.82	23.00
1.4	16QAM	1	3	21.98	21.98	21.96	23.00
1.4	16QAM	1	5	22.03	22.10	21.95	23.00
1.4	16QAM	3	0	21.54	21.65	21.61	23.00
1.4	16QAM	3	1	21.45	21.61	21.66	23.00
1.4	16QAM	3	3	21.60	21.66	21.60	23.00
1.4	16QAM	6	0	20.58	20.64	20.54	22.00
1.4	64QAM	1	0	20.84	20.82	20.74	22.00
1.4	64QAM	1	3	20.70	20.87	20.70	22.00
1.4	64QAM	1	5	20.78	20.91	20.78	22.00
1.4	64QAM	3	0	20.48	20.59	20.58	22.00
1.4	64QAM	3	1	20.49	20.65	20.56	22.00
1.4	64QAM	3	3	20.53	20.66	20.51	22.00
1.4	64QAM	6	0	19.42	19.57	19.54	21.00
1.4	256QAM	1	0	17.69	17.79	17.73	19.00
1.4	256QAM	1	3	17.73	17.83	17.72	19.00
1.4	256QAM	1	5	17.63	17.67	17.57	19.00
1.4	256QAM	3	0	17.53	17.61	17.56	19.00
1.4	256QAM	3	1	17.47	17.61	17.46	19.00
1.4	256QAM	3	3	17.57	17.69	17.50	19.00

1.4	256QAM	6	0	17.65	17.60	17.54	19.00
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【LTE Band 5_Ant 4_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	20.85	21.00	20.91	22.20
10	QPSK	1	25	20.80	20.81	20.85	22.20
10	QPSK	1	49	20.81	20.84	20.86	22.20
10	QPSK	25	0	20.84	20.87	20.77	22.20
10	QPSK	25	12	20.82	20.85	20.83	22.20
10	QPSK	25	25	20.87	20.85	20.80	22.20
10	QPSK	50	0	20.79	20.88	20.80	22.20
10	16QAM	1	0	20.82	20.82	20.78	22.20
10	16QAM	1	25	20.86	20.84	20.81	22.20
10	16QAM	1	49	20.79	20.81	20.80	22.20
10	16QAM	25	0	20.69	20.74	20.64	22.20
10	16QAM	25	12	20.57	20.72	20.67	22.20
10	16QAM	25	25	20.70	20.72	20.65	22.20
10	16QAM	50	0	20.61	20.71	20.62	22.20
10	64QAM	1	0	20.85	20.96	20.85	22.20
10	64QAM	1	25	20.74	20.88	20.73	22.20
10	64QAM	1	49	20.92	20.94	20.91	22.20
10	64QAM	25	0	19.63	19.70	19.60	21.20
10	64QAM	25	12	19.62	19.68	19.64	21.20
10	64QAM	25	25	19.63	19.69	19.66	21.20
10	64QAM	50	0	19.56	19.69	19.63	21.20
10	256QAM	1	0	17.76	17.88	17.75	19.20
10	256QAM	1	25	17.85	17.89	17.84	19.20
10	256QAM	1	49	17.68	17.75	17.63	19.20
10	256QAM	25	0	17.65	17.71	17.58	19.20
10	256QAM	25	12	17.55	17.69	17.59	19.20
10	256QAM	25	25	17.61	17.71	17.56	19.20
10	256QAM	50	0	17.68	17.72	17.57	19.20
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	20.72	20.89	20.88	22.20
5	QPSK	1	12	20.70	20.69	20.71	22.20
5	QPSK	1	24	20.66	20.73	20.78	22.20
5	QPSK	12	0	20.79	20.74	20.76	22.20
5	QPSK	12	7	20.79	20.79	20.71	22.20
5	QPSK	12	13	20.85	20.82	20.68	22.20
5	QPSK	25	0	20.70	20.83	20.71	22.20
5	16QAM	1	0	20.77	20.68	20.69	22.20
5	16QAM	1	12	20.81	20.70	20.78	22.20
5	16QAM	1	24	20.73	20.69	20.77	22.20
5	16QAM	12	0	20.58	20.59	20.57	22.20
5	16QAM	12	7	20.44	20.70	20.60	22.20
5	16QAM	12	13	20.65	20.59	20.64	22.20
5	16QAM	25	0	20.46	20.60	20.58	22.20
5	64QAM	1	0	20.82	20.92	20.78	22.20
5	64QAM	1	12	20.67	20.87	20.60	22.20
5	64QAM	1	24	20.85	20.82	20.84	22.20
5	64QAM	12	0	19.53	19.64	19.49	21.20
5	64QAM	12	7	19.56	19.58	19.63	21.20
5	64QAM	12	13	19.54	19.61	19.57	21.20
5	64QAM	25	0	19.52	19.62	19.57	21.20
5	256QAM	1	0	17.69	17.81	17.66	19.20
5	256QAM	1	12	17.72	17.77	17.72	19.20
5	256QAM	1	24	17.55	17.72	17.49	19.20
5	256QAM	12	0	17.61	17.69	17.45	19.20
5	256QAM	12	7	17.45	17.55	17.55	19.20
5	256QAM	12	13	17.57	17.57	17.46	19.20
5	256QAM	25	0	17.61	17.63	17.42	19.20
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	20.76	20.87	20.81	22.20
3	QPSK	1	8	20.74	20.79	20.70	22.20
3	QPSK	1	14	20.68	20.75	20.73	22.20
3	QPSK	8	0	20.74	20.78	20.68	22.20
3	QPSK	8	4	20.79	20.83	20.78	22.20

3	QPSK	8	7	20.74	20.83	20.71	22.20
3	QPSK	15	0	20.68	20.80	20.66	22.20
3	16QAM	1	0	20.79	20.73	20.76	22.20
3	16QAM	1	8	20.73	20.76	20.77	22.20
3	16QAM	1	14	20.76	20.69	20.68	22.20
3	16QAM	8	0	20.56	20.62	20.62	22.20
3	16QAM	8	4	20.55	20.68	20.53	22.20
3	16QAM	8	7	20.67	20.62	20.57	22.20
3	16QAM	15	0	20.47	20.64	20.58	22.20
3	64QAM	1	0	20.74	20.90	20.75	22.20
3	64QAM	1	8	20.71	20.74	20.71	22.20
3	64QAM	1	14	20.85	20.80	20.78	22.20
3	64QAM	8	0	19.60	19.55	19.55	21.20
3	64QAM	8	4	19.61	19.56	19.59	21.20
3	64QAM	8	7	19.51	19.66	19.59	21.20
3	64QAM	15	0	19.52	19.62	19.61	21.20
3	256QAM	1	0	17.70	17.86	17.72	19.20
3	256QAM	1	8	17.71	17.85	17.79	19.20
3	256QAM	1	14	17.66	17.62	17.52	19.20
3	256QAM	8	0	17.60	17.63	17.56	19.20
3	256QAM	8	4	17.52	17.61	17.52	19.20
3	256QAM	8	7	17.59	17.65	17.42	19.20
3	256QAM	15	0	17.62	17.62	17.54	19.20
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	20.77	20.85	20.77	22.20
1.4	QPSK	1	3	20.75	20.76	20.70	22.20
1.4	QPSK	1	5	20.67	20.70	20.75	22.20
1.4	QPSK	3	0	20.82	20.75	20.66	22.20
1.4	QPSK	3	1	20.71	20.72	20.81	22.20
1.4	QPSK	3	3	20.81	20.71	20.67	22.20
1.4	QPSK	6	0	20.76	20.73	20.68	22.20
1.4	16QAM	1	0	20.67	20.76	20.69	22.20
1.4	16QAM	1	3	20.71	20.74	20.77	22.20
1.4	16QAM	1	5	20.65	20.69	20.79	22.20
1.4	16QAM	3	0	20.66	20.71	20.51	22.20
1.4	16QAM	3	1	20.42	20.66	20.54	22.20
1.4	16QAM	3	3	20.65	20.67	20.50	22.20
1.4	16QAM	6	0	20.58	20.58	20.58	22.20
1.4	64QAM	1	0	20.73	20.82	20.72	22.20
1.4	64QAM	1	3	20.65	20.76	20.65	22.20
1.4	64QAM	1	5	20.82	20.88	20.90	22.20
1.4	64QAM	3	0	20.56	20.59	20.55	22.20
1.4	64QAM	3	1	20.53	20.56	20.60	22.20
1.4	64QAM	3	3	20.50	20.62	20.59	22.20
1.4	64QAM	6	0	19.42	19.65	19.50	21.20
1.4	256QAM	1	0	17.68	17.85	17.64	19.20
1.4	256QAM	1	3	17.74	17.81	17.70	19.20
1.4	256QAM	1	5	17.55	17.72	17.48	19.20
1.4	256QAM	3	0	17.63	17.67	17.45	19.20
1.4	256QAM	3	1	17.46	17.63	17.55	19.20
1.4	256QAM	3	3	17.53	17.62	17.42	19.20
1.4	256QAM	6	0	17.63	17.64	17.55	19.20

【LTE Band 5_Ant 4_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	21.40	21.53	21.36	22.70
10	QPSK	1	25	21.33	21.32	21.36	22.70
10	QPSK	1	49	21.35	21.38	21.28	22.70
10	QPSK	25	0	21.28	21.39	21.29	22.70
10	QPSK	25	12	21.30	21.34	21.35	22.70
10	QPSK	25	25	21.36	21.38	21.35	22.70
10	QPSK	50	0	21.35	21.36	21.37	22.70
10	16QAM	1	0	21.34	21.36	21.29	22.70
10	16QAM	1	25	21.34	21.35	21.34	22.70
10	16QAM	1	49	21.28	21.34	21.33	22.70
10	16QAM	25	0	20.69	20.74	20.64	22.20
10	16QAM	25	12	20.57	20.72	20.67	22.20
10	16QAM	25	25	20.70	20.72	20.65	22.20

10	16QAM	50	0	20.61	20.71	20.62	22.20
10	64QAM	1	0	20.85	20.96	20.85	22.20
10	64QAM	1	25	20.74	20.88	20.73	22.20
10	64QAM	1	49	20.92	20.94	20.91	22.20
10	64QAM	25	0	19.63	19.70	19.60	21.20
10	64QAM	25	12	19.62	19.68	19.64	21.20
10	64QAM	25	25	19.63	19.69	19.66	21.20
10	64QAM	50	0	19.56	19.69	19.63	21.20
10	256QAM	1	0	17.76	17.88	17.75	19.20
10	256QAM	1	25	17.85	17.89	17.84	19.20
10	256QAM	1	49	17.68	17.75	17.63	19.20
10	256QAM	25	0	17.65	17.71	17.58	19.20
10	256QAM	25	12	17.55	17.69	17.59	19.20
10	256QAM	25	25	17.61	17.71	17.56	19.20
10	256QAM	50	0	17.68	17.72	17.57	19.20
Channel				20425	20525	20625	Tune-up limit
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	21.38	21.47	21.33	22.70
5	QPSK	1	12	21.30	21.31	21.22	22.70
5	QPSK	1	24	21.31	21.27	21.24	22.70
5	QPSK	12	0	21.21	21.36	21.22	22.70
5	QPSK	12	7	21.20	21.27	21.30	22.70
5	QPSK	12	13	21.30	21.33	21.24	22.70
5	QPSK	25	0	21.22	21.28	21.33	22.70
5	16QAM	1	0	21.25	21.29	21.18	22.70
5	16QAM	1	12	21.21	21.22	21.24	22.70
5	16QAM	1	24	21.20	21.26	21.30	22.70
5	16QAM	12	0	20.66	20.71	20.56	22.20
5	16QAM	12	7	20.55	20.60	20.64	22.20
5	16QAM	12	13	20.66	20.69	20.54	22.20
5	16QAM	25	0	20.50	20.64	20.59	22.20
5	64QAM	1	0	20.75	20.92	20.84	22.20
5	64QAM	1	12	20.69	20.78	20.69	22.20
5	64QAM	1	24	20.87	20.89	20.83	22.20
5	64QAM	12	0	19.53	19.59	19.46	21.20
5	64QAM	12	7	19.50	19.61	19.59	21.20
5	64QAM	12	13	19.50	19.60	19.54	21.20
5	64QAM	25	0	19.47	19.58	19.59	21.20
5	256QAM	1	0	17.71	17.73	17.72	19.20
5	256QAM	1	12	17.83	17.77	17.79	19.20
5	256QAM	1	24	17.59	17.68	17.49	19.20
5	256QAM	12	0	17.55	17.57	17.55	19.20
5	256QAM	12	7	17.47	17.56	17.51	19.20
5	256QAM	12	13	17.54	17.62	17.49	19.20
5	256QAM	25	0	17.54	17.61	17.44	19.20
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	21.32	21.39	21.24	22.70
3	QPSK	1	8	21.31	21.29	21.34	22.70
3	QPSK	1	14	21.21	21.30	21.24	22.70
3	QPSK	8	0	21.26	21.37	21.26	22.70
3	QPSK	8	4	21.18	21.19	21.20	22.70
3	QPSK	8	7	21.22	21.33	21.28	22.70
3	QPSK	15	0	21.28	21.30	21.31	22.70
3	16QAM	1	0	21.33	21.24	21.27	22.70
3	16QAM	1	8	21.26	21.27	21.24	22.70
3	16QAM	1	14	21.13	21.25	21.30	22.70
3	16QAM	8	0	20.57	20.68	20.52	22.20
3	16QAM	8	4	20.53	20.69	20.56	22.20
3	16QAM	8	7	20.60	20.61	20.52	22.20
3	16QAM	15	0	20.57	20.67	20.49	22.20
3	64QAM	1	0	20.81	20.93	20.82	22.20
3	64QAM	1	8	20.72	20.77	20.60	22.20
3	64QAM	1	14	20.80	20.84	20.79	22.20
3	64QAM	8	0	19.50	19.64	19.51	21.20
3	64QAM	8	4	19.51	19.54	19.51	21.20
3	64QAM	8	7	19.57	19.58	19.60	21.20
3	64QAM	15	0	19.41	19.55	19.60	21.20
3	256QAM	1	0	17.65	17.76	17.65	19.20
3	256QAM	1	8	17.81	17.78	17.78	19.20
3	256QAM	1	14	17.58	17.69	17.50	19.20
3	256QAM	8	0	17.56	17.65	17.44	19.20
3	256QAM	8	4	17.44	17.65	17.51	19.20
3	256QAM	8	7	17.55	17.58	17.52	19.20
3	256QAM	15	0	17.60	17.61	17.51	19.20
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	21.37	21.45	21.27	22.70

1.4	QPSK	1	3	21.20	21.19	21.26	22.70
1.4	QPSK	1	5	21.24	21.35	21.22	22.70
1.4	QPSK	3	0	21.14	21.38	21.23	22.70
1.4	QPSK	3	1	21.24	21.30	21.27	22.70
1.4	QPSK	3	3	21.26	21.29	21.30	22.70
1.4	QPSK	6	0	21.30	21.24	21.24	22.70
1.4	16QAM	1	0	21.25	21.26	21.17	22.70
1.4	16QAM	1	3	21.29	21.20	21.25	22.70
1.4	16QAM	1	5	21.25	21.25	21.18	22.70
1.4	16QAM	3	0	21.12	21.22	21.12	22.70
1.4	16QAM	3	1	21.05	21.20	21.02	22.70
1.4	16QAM	3	3	21.19	21.12	21.02	22.70
1.4	16QAM	6	0	20.49	20.59	20.50	22.20
1.4	64QAM	1	0	20.72	20.88	20.72	22.20
1.4	64QAM	1	3	20.61	20.85	20.63	22.20
1.4	64QAM	1	5	20.84	20.89	20.90	22.20
1.4	64QAM	3	0	20.58	20.63	20.52	22.20
1.4	64QAM	3	1	20.54	20.65	20.57	22.20
1.4	64QAM	3	3	20.62	20.59	20.56	22.20
1.4	64QAM	6	0	19.43	19.63	19.56	21.20
1.4	256QAM	1	0	17.68	17.73	17.73	19.20
1.4	256QAM	1	3	17.80	17.79	17.79	19.20
1.4	256QAM	1	5	17.58	17.72	17.59	19.20
1.4	256QAM	3	0	17.58	17.58	17.54	19.20
1.4	256QAM	3	1	17.48	17.65	17.55	19.20
1.4	256QAM	3	3	17.47	17.66	17.52	19.20
1.4	256QAM	6	0	17.55	17.58	17.44	19.20

【LTE Band 5_Ant 4_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	22.76	22.77	22.75	24.00
10	QPSK	1	25	22.65	22.71	22.63	24.00
10	QPSK	1	49	22.64	22.76	22.73	24.00
10	QPSK	25	0	21.66	21.76	21.70	23.00
10	QPSK	25	12	21.64	21.71	21.58	23.00
10	QPSK	25	25	21.60	21.74	21.59	23.00
10	QPSK	50	0	21.69	21.72	21.58	23.00
10	16QAM	1	0	21.96	22.06	21.96	23.00
10	16QAM	1	25	22.01	22.12	22.08	23.00
10	16QAM	1	49	22.07	22.11	22.04	23.00
10	16QAM	25	0	20.69	20.74	20.64	22.00
10	16QAM	25	12	20.57	20.72	20.67	22.00
10	16QAM	25	25	20.70	20.72	20.65	22.00
10	16QAM	50	0	20.61	20.71	20.62	22.00
10	64QAM	1	0	20.85	20.96	20.85	22.00
10	64QAM	1	25	20.74	20.88	20.73	22.00
10	64QAM	1	49	20.92	20.94	20.91	22.00
10	64QAM	25	0	19.63	19.70	19.60	21.00
10	64QAM	25	12	19.62	19.68	19.64	21.00
10	64QAM	25	25	19.63	19.69	19.66	21.00
10	64QAM	50	0	19.56	19.69	19.63	21.00
10	256QAM	1	0	17.76	17.88	17.75	19.00
10	256QAM	1	25	17.85	17.89	17.84	19.00
10	256QAM	1	49	17.68	17.75	17.63	19.00
10	256QAM	25	0	17.65	17.71	17.58	19.00
10	256QAM	25	12	17.55	17.69	17.59	19.00
10	256QAM	25	25	17.61	17.71	17.56	19.00
10	256QAM	50	0	17.68	17.72	17.57	19.00
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	22.72	22.67	22.70	24.00
5	QPSK	1	12	22.53	22.58	22.62	24.00
5	QPSK	1	24	22.60	22.73	22.60	24.00
5	QPSK	12	0	21.57	21.65	21.56	23.00
5	QPSK	12	7	21.62	21.69	21.54	23.00
5	QPSK	12	13	21.57	21.64	21.50	23.00
5	QPSK	25	0	21.61	21.68	21.51	23.00
5	16QAM	1	0	21.84	21.93	21.81	23.00
5	16QAM	1	12	21.91	22.04	21.99	23.00

5	16QAM	1	24	22.01	21.98	21.92	23.00
5	16QAM	12	0	20.55	20.64	20.53	22.00
5	16QAM	12	7	20.53	20.70	20.57	22.00
5	16QAM	12	13	20.62	20.64	20.51	22.00
5	16QAM	25	0	20.51	20.60	20.61	22.00
5	64QAM	1	0	20.74	20.86	20.70	22.00
5	64QAM	1	12	20.66	20.83	20.69	22.00
5	64QAM	1	24	20.86	20.88	20.80	22.00
5	64QAM	12	0	19.55	19.67	19.54	21.00
5	64QAM	12	7	19.55	19.66	19.56	21.00
5	64QAM	12	13	19.60	19.58	19.61	21.00
5	64QAM	25	0	19.45	19.68	19.61	21.00
5	256QAM	1	0	17.67	17.83	17.73	19.00
5	256QAM	1	12	17.76	17.82	17.74	19.00
5	256QAM	1	24	17.64	17.73	17.50	19.00
5	256QAM	12	0	17.61	17.60	17.44	19.00
5	256QAM	12	7	17.53	17.64	17.49	19.00
5	256QAM	12	13	17.47	17.59	17.49	19.00
5	256QAM	25	0	17.53	17.63	17.54	19.00
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	22.67	22.64	22.61	24.00
3	QPSK	1	8	22.54	22.64	22.49	24.00
3	QPSK	1	14	22.59	22.70	22.69	24.00
3	QPSK	8	0	21.55	21.65	21.62	23.00
3	QPSK	8	4	21.55	21.70	21.54	23.00
3	QPSK	8	7	21.57	21.67	21.55	23.00
3	QPSK	15	0	21.62	21.57	21.44	23.00
3	16QAM	1	0	21.88	21.95	21.95	23.00
3	16QAM	1	8	21.96	22.01	21.94	23.00
3	16QAM	1	14	22.02	22.02	22.00	23.00
3	16QAM	8	0	20.67	20.62	20.56	22.00
3	16QAM	8	4	20.48	20.69	20.58	22.00
3	16QAM	8	7	20.61	20.59	20.64	22.00
3	16QAM	15	0	20.50	20.56	20.51	22.00
3	64QAM	1	0	20.80	20.84	20.79	22.00
3	64QAM	1	8	20.67	20.77	20.59	22.00
3	64QAM	1	14	20.91	20.87	20.89	22.00
3	64QAM	8	0	19.61	19.69	19.52	21.00
3	64QAM	8	4	19.49	19.65	19.51	21.00
3	64QAM	8	7	19.58	19.56	19.57	21.00
3	64QAM	15	0	19.44	19.58	19.54	21.00
3	256QAM	1	0	17.72	17.86	17.69	19.00
3	256QAM	1	8	17.72	17.82	17.83	19.00
3	256QAM	1	14	17.58	17.72	17.61	19.00
3	256QAM	8	0	17.55	17.64	17.52	19.00
3	256QAM	8	4	17.44	17.64	17.50	19.00
3	256QAM	8	7	17.48	17.60	17.42	19.00
3	256QAM	15	0	17.53	17.63	17.49	19.00
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	22.71	22.65	22.65	24.00
1.4	QPSK	1	3	22.63	22.62	22.57	24.00
1.4	QPSK	1	5	22.60	22.74	22.68	24.00
1.4	QPSK	3	0	22.60	22.72	22.58	24.00
1.4	QPSK	3	1	22.63	22.68	22.44	24.00
1.4	QPSK	3	3	22.57	22.68	22.48	24.00
1.4	QPSK	6	0	21.65	21.67	21.52	23.00
1.4	16QAM	1	0	21.83	22.01	21.82	23.00
1.4	16QAM	1	3	21.98	21.98	21.96	23.00
1.4	16QAM	1	5	22.03	22.10	21.95	23.00
1.4	16QAM	3	0	21.54	21.65	21.61	23.00
1.4	16QAM	3	1	21.45	21.61	21.66	23.00
1.4	16QAM	3	3	21.60	21.66	21.60	23.00
1.4	16QAM	6	0	20.58	20.64	20.54	22.00
1.4	64QAM	1	0	20.84	20.82	20.74	22.00
1.4	64QAM	1	3	20.70	20.87	20.70	22.00
1.4	64QAM	1	5	20.78	20.91	20.78	22.00
1.4	64QAM	3	0	20.48	20.59	20.58	22.00
1.4	64QAM	3	1	20.49	20.65	20.56	22.00
1.4	64QAM	3	3	20.53	20.66	20.51	22.00
1.4	64QAM	6	0	19.42	19.57	19.54	21.00
1.4	256QAM	1	0	17.69	17.79	17.73	19.00
1.4	256QAM	1	3	17.73	17.83	17.72	19.00
1.4	256QAM	1	5	17.63	17.67	17.57	19.00
1.4	256QAM	3	0	17.53	17.61	17.56	19.00
1.4	256QAM	3	1	17.47	17.61	17.46	19.00
1.4	256QAM	3	3	17.57	17.69	17.50	19.00

1.4	256QAM	6	0	17.65	17.60	17.54	19.00
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【LTE Band 5_Ant 4_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	22.76	22.77	22.75	24.00
10	QPSK	1	25	22.65	22.71	22.63	24.00
10	QPSK	1	49	22.64	22.76	22.73	24.00
10	QPSK	25	0	21.66	21.76	21.70	23.00
10	QPSK	25	12	21.64	21.71	21.58	23.00
10	QPSK	25	25	21.60	21.74	21.59	23.00
10	QPSK	50	0	21.69	21.72	21.58	23.00
10	16QAM	1	0	21.96	22.06	21.96	23.00
10	16QAM	1	25	22.01	22.12	22.08	23.00
10	16QAM	1	49	22.07	22.11	22.04	23.00
10	16QAM	25	0	20.69	20.74	20.64	22.00
10	16QAM	25	12	20.57	20.72	20.67	22.00
10	16QAM	25	25	20.70	20.72	20.65	22.00
10	16QAM	50	0	20.61	20.71	20.62	22.00
10	64QAM	1	0	20.85	20.96	20.85	22.00
10	64QAM	1	25	20.74	20.88	20.73	22.00
10	64QAM	1	49	20.92	20.94	20.91	22.00
10	64QAM	25	0	19.63	19.70	19.60	21.00
10	64QAM	25	12	19.62	19.68	19.64	21.00
10	64QAM	25	25	19.63	19.69	19.66	21.00
10	64QAM	50	0	19.56	19.69	19.63	21.00
10	256QAM	1	0	17.76	17.88	17.75	19.00
10	256QAM	1	25	17.85	17.89	17.84	19.00
10	256QAM	1	49	17.68	17.75	17.63	19.00
10	256QAM	25	0	17.65	17.71	17.58	19.00
10	256QAM	25	12	17.55	17.69	17.59	19.00
10	256QAM	25	25	17.61	17.71	17.56	19.00
10	256QAM	50	0	17.68	17.72	17.57	19.00
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	22.72	22.67	22.70	24.00
5	QPSK	1	12	22.53	22.58	22.62	24.00
5	QPSK	1	24	22.60	22.73	22.60	24.00
5	QPSK	12	0	21.57	21.65	21.56	23.00
5	QPSK	12	7	21.62	21.69	21.54	23.00
5	QPSK	12	13	21.57	21.64	21.50	23.00
5	QPSK	25	0	21.61	21.68	21.51	23.00
5	16QAM	1	0	21.84	21.93	21.81	23.00
5	16QAM	1	12	21.91	22.04	21.99	23.00
5	16QAM	1	24	22.01	21.98	21.92	23.00
5	16QAM	12	0	20.55	20.64	20.53	22.00
5	16QAM	12	7	20.53	20.70	20.57	22.00
5	16QAM	12	13	20.62	20.64	20.51	22.00
5	16QAM	25	0	20.51	20.60	20.61	22.00
5	64QAM	1	0	20.74	20.86	20.70	22.00
5	64QAM	1	12	20.66	20.83	20.69	22.00
5	64QAM	1	24	20.86	20.88	20.80	22.00
5	64QAM	12	0	19.55	19.67	19.54	21.00
5	64QAM	12	7	19.55	19.66	19.56	21.00
5	64QAM	12	13	19.60	19.58	19.61	21.00
5	64QAM	25	0	19.45	19.68	19.61	21.00
5	256QAM	1	0	17.67	17.83	17.73	19.00
5	256QAM	1	12	17.76	17.82	17.74	19.00
5	256QAM	1	24	17.64	17.73	17.50	19.00
5	256QAM	12	0	17.61	17.60	17.44	19.00
5	256QAM	12	7	17.53	17.64	17.49	19.00
5	256QAM	12	13	17.47	17.59	17.49	19.00
5	256QAM	25	0	17.53	17.63	17.54	19.00
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	22.67	22.64	22.61	24.00
3	QPSK	1	8	22.54	22.64	22.49	24.00
3	QPSK	1	14	22.59	22.70	22.69	24.00
3	QPSK	8	0	21.55	21.65	21.62	23.00
3	QPSK	8	4	21.55	21.70	21.54	23.00

3	QPSK	8	7	21.57	21.67	21.55	23.00
3	QPSK	15	0	21.62	21.57	21.44	23.00
3	16QAM	1	0	21.88	21.95	21.95	23.00
3	16QAM	1	8	21.96	22.01	21.94	23.00
3	16QAM	1	14	22.02	22.02	22.00	23.00
3	16QAM	8	0	20.67	20.62	20.56	22.00
3	16QAM	8	4	20.48	20.69	20.58	22.00
3	16QAM	8	7	20.61	20.59	20.64	22.00
3	16QAM	15	0	20.50	20.56	20.51	22.00
3	64QAM	1	0	20.80	20.84	20.79	22.00
3	64QAM	1	8	20.67	20.77	20.59	22.00
3	64QAM	1	14	20.91	20.87	20.89	22.00
3	64QAM	8	0	19.61	19.69	19.52	21.00
3	64QAM	8	4	19.49	19.65	19.51	21.00
3	64QAM	8	7	19.58	19.56	19.57	21.00
3	64QAM	15	0	19.44	19.58	19.54	21.00
3	256QAM	1	0	17.72	17.86	17.69	19.00
3	256QAM	1	8	17.72	17.82	17.83	19.00
3	256QAM	1	14	17.58	17.72	17.61	19.00
3	256QAM	8	0	17.55	17.64	17.52	19.00
3	256QAM	8	4	17.44	17.64	17.50	19.00
3	256QAM	8	7	17.48	17.60	17.42	19.00
3	256QAM	15	0	17.53	17.63	17.49	19.00
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	22.71	22.65	22.65	24.00
1.4	QPSK	1	3	22.63	22.62	22.57	24.00
1.4	QPSK	1	5	22.60	22.74	22.68	24.00
1.4	QPSK	3	0	22.60	22.72	22.58	24.00
1.4	QPSK	3	1	22.63	22.68	22.44	24.00
1.4	QPSK	3	3	22.57	22.68	22.48	24.00
1.4	QPSK	6	0	21.65	21.67	21.52	23.00
1.4	16QAM	1	0	21.83	22.01	21.82	23.00
1.4	16QAM	1	3	21.98	21.98	21.96	23.00
1.4	16QAM	1	5	22.03	22.10	21.95	23.00
1.4	16QAM	3	0	21.54	21.65	21.61	23.00
1.4	16QAM	3	1	21.45	21.61	21.66	23.00
1.4	16QAM	3	3	21.60	21.66	21.60	23.00
1.4	16QAM	6	0	20.58	20.64	20.54	22.00
1.4	64QAM	1	0	20.84	20.82	20.74	22.00
1.4	64QAM	1	3	20.70	20.87	20.70	22.00
1.4	64QAM	1	5	20.78	20.91	20.78	22.00
1.4	64QAM	3	0	20.48	20.59	20.58	22.00
1.4	64QAM	3	1	20.49	20.65	20.56	22.00
1.4	64QAM	3	3	20.53	20.66	20.51	22.00
1.4	64QAM	6	0	19.42	19.57	19.54	21.00
1.4	256QAM	1	0	17.69	17.79	17.73	19.00
1.4	256QAM	1	3	17.73	17.83	17.72	19.00
1.4	256QAM	1	5	17.63	17.67	17.57	19.00
1.4	256QAM	3	0	17.53	17.61	17.56	19.00
1.4	256QAM	3	1	17.47	17.61	17.46	19.00
1.4	256QAM	3	3	17.57	17.69	17.50	19.00
1.4	256QAM	6	0	17.65	17.60	17.54	19.00

【LTE Band 5_Ant 4_ECI 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	19.86	20.07	19.85	21.30
10	QPSK	1	25	19.85	19.82	19.81	21.30
10	QPSK	1	49	19.87	19.84	19.86	21.30
10	QPSK	25	0	19.88	19.97	19.86	21.30
10	QPSK	25	12	19.86	19.82	19.80	21.30
10	QPSK	25	25	19.80	19.89	19.84	21.30
10	QPSK	50	0	19.78	19.81	19.87	21.30
10	16QAM	1	0	19.81	19.79	19.82	21.30
10	16QAM	1	25	19.83	19.84	19.81	21.30
10	16QAM	1	49	19.84	19.83	19.84	21.30
10	16QAM	25	0	19.86	19.80	19.86	21.30
10	16QAM	25	12	19.85	19.89	19.80	21.30
10	16QAM	25	25	19.79	19.80	19.82	21.30

10	16QAM	50	0	19.83	19.82	19.85	21.30
10	64QAM	1	0	19.84	19.82	19.83	21.30
10	64QAM	1	25	19.81	19.84	19.84	21.30
10	64QAM	1	49	19.81	19.87	19.79	21.30
10	64QAM	25	0	19.63	19.70	19.60	21.30
10	64QAM	25	12	19.62	19.68	19.64	21.30
10	64QAM	25	25	19.63	19.69	19.66	21.30
10	64QAM	50	0	19.56	19.69	19.63	21.30
10	256QAM	1	0	17.76	17.88	17.75	19.30
10	256QAM	1	25	17.85	17.89	17.84	19.30
10	256QAM	1	49	17.68	17.75	17.63	19.30
10	256QAM	25	0	17.65	17.71	17.58	19.30
10	256QAM	25	12	17.55	17.69	17.59	19.30
10	256QAM	25	25	17.61	17.71	17.56	19.30
10	256QAM	50	0	17.68	17.72	17.57	19.30
Channel				20425	20525	20625	Tune-up limit
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	19.73	20.05	19.80	21.30
5	QPSK	1	12	19.70	19.72	19.69	21.30
5	QPSK	1	24	19.82	19.73	19.72	21.30
5	QPSK	12	0	19.78	19.88	19.74	21.30
5	QPSK	12	7	19.76	19.69	19.69	21.30
5	QPSK	12	13	19.71	19.75	19.73	21.30
5	QPSK	25	0	19.68	19.72	19.83	21.30
5	16QAM	1	0	19.75	19.75	19.69	21.30
5	16QAM	1	12	19.79	19.71	19.75	21.30
5	16QAM	1	24	19.74	19.77	19.74	21.30
5	16QAM	12	0	19.74	19.70	19.77	21.30
5	16QAM	12	7	19.73	19.75	19.78	21.30
5	16QAM	12	13	19.72	19.74	19.69	21.30
5	16QAM	25	0	19.81	19.70	19.77	21.30
5	64QAM	1	0	19.70	19.69	19.73	21.30
5	64QAM	1	12	19.80	19.76	19.75	21.30
5	64QAM	1	24	19.72	19.78	19.67	21.30
5	64QAM	12	0	19.57	19.65	19.47	21.30
5	64QAM	12	7	19.52	19.55	19.63	21.30
5	64QAM	12	13	19.52	19.58	19.55	21.30
5	64QAM	25	0	19.48	19.59	19.62	21.30
5	256QAM	1	0	17.73	17.74	17.72	19.30
5	256QAM	1	12	17.81	17.88	17.70	19.30
5	256QAM	1	24	17.60	17.68	17.52	19.30
5	256QAM	12	0	17.52	17.62	17.46	19.30
5	256QAM	12	7	17.43	17.68	17.44	19.30
5	256QAM	12	13	17.47	17.62	17.50	19.30
5	256QAM	25	0	17.55	17.68	17.52	19.30
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	19.75	19.96	19.78	21.30
3	QPSK	1	8	19.71	19.68	19.78	21.30
3	QPSK	1	14	19.82	19.75	19.72	21.30
3	QPSK	8	0	19.74	19.91	19.84	21.30
3	QPSK	8	4	19.76	19.72	19.69	21.30
3	QPSK	8	7	19.77	19.85	19.73	21.30
3	QPSK	15	0	19.76	19.76	19.75	21.30
3	16QAM	1	0	19.72	19.70	19.75	21.30
3	16QAM	1	8	19.79	19.69	19.73	21.30
3	16QAM	1	14	19.81	19.78	19.71	21.30
3	16QAM	8	0	19.79	19.68	19.76	21.30
3	16QAM	8	4	19.79	19.84	19.71	21.30
3	16QAM	8	7	19.67	19.78	19.69	21.30
3	16QAM	15	0	19.74	19.80	19.83	21.30
3	64QAM	1	0	19.80	19.74	19.77	21.30
3	64QAM	1	8	19.72	19.72	19.69	21.30
3	64QAM	1	14	19.71	19.73	19.68	21.30
3	64QAM	8	0	19.55	19.61	19.48	21.30
3	64QAM	8	4	19.61	19.58	19.61	21.30
3	64QAM	8	7	19.54	19.59	19.52	21.30
3	64QAM	15	0	19.55	19.65	19.54	21.30
3	256QAM	1	0	17.61	17.76	17.61	19.30
3	256QAM	1	8	17.75	17.85	17.76	19.30
3	256QAM	1	14	17.62	17.63	17.60	19.30
3	256QAM	8	0	17.58	17.60	17.52	19.30
3	256QAM	8	4	17.54	17.57	17.46	19.30
3	256QAM	8	7	17.58	17.57	17.42	19.30
3	256QAM	15	0	17.56	17.70	17.45	19.30
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	19.77	19.98	19.77	21.30

1.4	QPSK	1	3	19.81	19.79	19.74	21.30
1.4	QPSK	1	5	19.85	19.81	19.85	21.30
1.4	QPSK	3	0	19.75	19.83	19.82	21.30
1.4	QPSK	3	1	19.72	19.71	19.77	21.30
1.4	QPSK	3	3	19.73	19.88	19.81	21.30
1.4	QPSK	6	0	19.75	19.68	19.85	21.30
1.4	16QAM	1	0	19.78	19.65	19.76	21.30
1.4	16QAM	1	3	19.70	19.73	19.69	21.30
1.4	16QAM	1	5	19.71	19.72	19.72	21.30
1.4	16QAM	3	0	19.84	19.76	19.75	21.30
1.4	16QAM	3	1	19.72	19.84	19.65	21.30
1.4	16QAM	3	3	19.74	19.74	19.68	21.30
1.4	16QAM	6	0	19.70	19.72	19.77	21.30
1.4	64QAM	1	0	19.71	19.67	19.80	21.30
1.4	64QAM	1	3	19.70	19.73	19.79	21.30
1.4	64QAM	1	5	19.68	19.83	19.73	21.30
1.4	64QAM	3	0	19.50	19.65	19.50	21.30
1.4	64QAM	3	1	19.48	19.63	19.55	21.30
1.4	64QAM	3	3	19.59	19.66	19.59	21.30
1.4	64QAM	6	0	19.47	19.68	19.62	21.30
1.4	256QAM	1	0	17.68	17.76	17.71	19.30
1.4	256QAM	1	3	17.78	17.83	17.75	19.30
1.4	256QAM	1	5	17.62	17.73	17.61	19.30
1.4	256QAM	3	0	17.54	17.68	17.56	19.30
1.4	256QAM	3	1	17.54	17.58	17.51	19.30
1.4	256QAM	3	3	17.50	17.60	17.45	19.30
1.4	256QAM	6	0	17.55	17.67	17.53	19.30

【LTE Band 7_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				20850	21100	21350	24.00
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	23.17	23.21	23.03	24.00
20	QPSK	1	49	22.94	23.05	22.82	24.00
20	QPSK	1	99	22.88	23.02	22.71	24.00
20	QPSK	50	0	22.09	22.16	21.92	23.00
20	QPSK	50	24	22.07	22.14	21.92	23.00
20	QPSK	50	50	21.98	22.09	21.83	23.00
20	QPSK	100	0	22.08	22.15	21.94	23.00
20	16QAM	1	0	22.11	22.19	21.99	23.00
20	16QAM	1	49	22.08	22.17	21.93	23.00
20	16QAM	1	99	22.10	22.16	21.91	23.00
20	16QAM	50	0	21.11	21.23	21.05	22.00
20	16QAM	50	24	21.04	21.12	20.81	22.00
20	16QAM	50	50	20.96	21.11	20.88	22.00
20	16QAM	100	0	21.08	21.17	20.90	22.00
20	64QAM	1	0	21.18	21.23	20.98	22.00
20	64QAM	1	49	21.03	21.19	21.00	22.00
20	64QAM	1	99	21.14	21.21	20.90	22.00
20	64QAM	50	0	20.11	20.19	19.89	21.00
20	64QAM	50	24	19.99	20.13	19.93	21.00
20	64QAM	50	50	19.95	20.10	19.92	21.00
20	64QAM	100	0	20.06	20.16	19.87	21.00
20	256QAM	1	0	18.05	18.19	17.94	19.00
20	256QAM	1	49	18.12	18.25	18.01	19.00
20	256QAM	1	99	18.07	18.17	17.90	19.00
20	256QAM	50	0	18.10	18.20	18.02	19.00
20	256QAM	50	24	18.00	18.12	17.93	19.00
20	256QAM	50	50	17.92	18.09	17.84	19.00
20	256QAM	100	0	18.06	18.14	17.91	19.00
Channel				20825	21100	21375	24.00
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	23.15	23.11	23.02	24.00
15	QPSK	1	37	22.81	22.93	22.69	24.00
15	QPSK	1	74	22.76	22.98	22.57	24.00
15	QPSK	36	0	22.00	22.14	21.81	23.00
15	QPSK	36	20	22.00	22.10	21.80	23.00
15	QPSK	36	39	21.90	22.06	21.81	23.00
15	QPSK	75	0	22.03	22.03	21.86	23.00
15	16QAM	1	0	22.01	22.17	21.96	23.00
15	16QAM	1	37	22.04	22.15	21.80	23.00

15	16QAM	1	74	22.04	22.13	21.84	23.00
15	16QAM	36	0	21.03	21.10	21.00	22.00
15	16QAM	36	20	20.93	21.09	20.71	22.00
15	16QAM	36	39	20.89	21.02	20.86	22.00
15	16QAM	75	0	21.02	21.05	20.83	22.00
15	64QAM	1	0	21.09	21.09	20.86	22.00
15	64QAM	1	37	20.94	21.09	20.98	22.00
15	64QAM	1	74	21.05	21.08	20.86	22.00
15	64QAM	36	0	20.08	20.16	19.80	21.00
15	64QAM	36	20	19.93	20.06	19.92	21.00
15	64QAM	36	39	19.90	20.03	19.85	21.00
15	64QAM	75	0	20.02	20.08	19.73	21.00
15	256QAM	1	0	17.93	18.15	17.80	19.00
15	256QAM	1	37	18.04	18.16	17.88	19.00
15	256QAM	1	74	18.04	18.09	17.87	19.00
15	256QAM	36	0	17.98	18.11	17.91	19.00
15	256QAM	36	20	17.88	18.01	17.82	19.00
15	256QAM	36	39	17.90	18.02	17.77	19.00
15	256QAM	75	0	18.02	18.07	17.85	19.00
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	23.04	23.14	22.94	24.00
10	QPSK	1	25	22.90	22.95	22.68	24.00
10	QPSK	1	49	22.79	22.98	22.62	24.00
10	QPSK	25	0	21.93	22.02	21.82	23.00
10	QPSK	25	12	21.93	22.01	21.78	23.00
10	QPSK	25	25	21.86	22.06	21.69	23.00
10	QPSK	50	0	22.05	22.01	21.88	23.00
10	16QAM	1	0	22.08	22.11	21.96	23.00
10	16QAM	1	25	22.04	22.05	21.82	23.00
10	16QAM	1	49	22.07	22.03	21.81	23.00
10	16QAM	25	0	21.09	21.16	20.94	22.00
10	16QAM	25	12	21.02	21.01	20.69	22.00
10	16QAM	25	25	20.84	21.03	20.82	22.00
10	16QAM	50	0	21.03	21.07	20.88	22.00
10	64QAM	1	0	21.04	21.21	20.90	22.00
10	64QAM	1	25	21.02	21.12	20.95	22.00
10	64QAM	1	49	21.12	21.15	20.84	22.00
10	64QAM	25	0	19.96	20.05	19.84	21.00
10	64QAM	25	12	19.95	20.03	19.79	21.00
10	64QAM	25	25	19.94	19.97	19.83	21.00
10	64QAM	50	0	20.00	20.06	19.73	21.00
10	256QAM	1	0	18.01	18.17	17.90	19.00
10	256QAM	1	25	18.00	18.17	17.98	19.00
10	256QAM	1	49	18.05	18.14	17.86	19.00
10	256QAM	25	0	17.97	18.12	18.00	19.00
10	256QAM	25	12	17.85	17.99	17.89	19.00
10	256QAM	25	25	17.78	18.00	17.82	19.00
10	256QAM	50	0	18.01	18.03	17.82	19.00
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	23.10	23.18	23.00	24.00
5	QPSK	1	12	22.91	22.97	22.81	24.00
5	QPSK	1	24	22.76	22.98	22.58	24.00
5	QPSK	12	0	21.98	22.13	21.89	23.00
5	QPSK	12	7	21.99	22.05	21.78	23.00
5	QPSK	12	13	21.92	22.05	21.81	23.00
5	QPSK	25	0	21.98	22.01	21.85	23.00
5	16QAM	1	0	21.99	22.11	21.87	23.00
5	16QAM	1	12	21.97	22.04	21.89	23.00
5	16QAM	1	24	22.08	22.04	21.83	23.00
5	16QAM	12	0	20.98	21.20	21.02	22.00
5	16QAM	12	7	21.03	21.05	20.68	22.00
5	16QAM	12	13	20.82	21.05	20.74	22.00
5	16QAM	25	0	20.99	21.06	20.85	22.00
5	64QAM	1	0	21.13	21.09	20.96	22.00
5	64QAM	1	12	20.96	21.18	20.93	22.00
5	64QAM	1	24	21.03	21.17	20.81	22.00
5	64QAM	12	0	20.10	20.14	19.84	21.00
5	64QAM	12	7	19.84	20.07	19.90	21.00
5	64QAM	12	13	19.81	20.03	19.82	21.00
5	64QAM	25	0	20.04	20.14	19.86	21.00
5	256QAM	1	0	17.94	18.14	17.79	19.00
5	256QAM	1	12	17.99	18.22	17.98	19.00
5	256QAM	1	24	17.99	18.13	17.77	19.00
5	256QAM	12	0	17.99	18.18	17.95	19.00
5	256QAM	12	7	17.90	18.08	17.85	19.00
5	256QAM	12	13	17.77	18.04	17.83	19.00

5	256QAM	25	0	18.02	18.00	17.85	19.00
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【LTE Band 7_Ant 1_Full Power-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	23.08	23.17	23.05	24.00
20	QPSK	1	49	22.85	23.00	22.88	24.00
20	QPSK	1	99	22.88	23.05	22.94	24.00
20	QPSK	50	0	22.06	22.09	21.97	23.00
20	QPSK	50	24	21.93	22.04	21.84	23.00
20	QPSK	50	50	21.94	22.00	21.86	23.00
20	QPSK	100	0	21.94	22.09	21.86	23.00
20	16QAM	1	0	21.01	21.06	21.00	23.00
20	16QAM	1	49	21.00	21.06	21.00	23.00
20	16QAM	1	99	21.00	21.08	21.01	23.00
20	16QAM	50	0	20.91	21.07	20.92	22.00
20	16QAM	50	24	20.97	21.04	20.89	22.00
20	16QAM	50	50	20.95	21.04	20.87	22.00
20	16QAM	100	0	20.73	20.95	20.81	22.00
20	64QAM	1	0	20.87	20.94	20.78	22.00
20	64QAM	1	49	20.84	20.91	20.88	22.00
20	64QAM	1	99	20.83	20.95	20.76	22.00
20	64QAM	50	0	19.94	20.08	19.87	21.00
20	64QAM	50	24	19.93	20.06	19.87	21.00
20	64QAM	50	50	19.90	20.06	19.97	21.00
20	64QAM	100	0	20.03	20.01	19.92	21.00
20	256QAM	1	0	17.96	17.97	17.85	19.00
20	256QAM	1	49	17.91	17.96	17.84	19.00
20	256QAM	1	99	17.87	18.07	17.99	19.00
20	256QAM	50	0	17.85	18.00	17.81	19.00
20	256QAM	50	24	17.95	18.00	17.89	19.00
20	256QAM	50	50	17.88	17.95	17.88	19.00
20	256QAM	100	0	17.86	17.95	17.81	19.00
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	22.99	23.05	22.99	24.00
15	QPSK	1	37	22.80	22.88	22.75	24.00
15	QPSK	1	74	22.85	23.00	22.91	24.00
15	QPSK	36	0	22.00	22.07	21.89	23.00
15	QPSK	36	20	21.91	22.00	21.76	23.00
15	QPSK	36	39	21.91	21.98	21.80	23.00
15	QPSK	75	0	21.83	21.95	21.75	23.00
15	16QAM	1	0	21.02	21.00	21.01	23.00
15	16QAM	1	37	21.02	21.00	21.00	23.00
15	16QAM	1	74	21.00	21.06	21.00	23.00
15	16QAM	36	0	20.85	20.94	20.89	22.00
15	16QAM	36	20	20.87	20.95	20.77	22.00
15	16QAM	36	39	20.93	21.01	20.81	22.00
15	16QAM	75	0	20.64	20.86	20.77	22.00
15	64QAM	1	0	20.78	20.84	20.68	22.00
15	64QAM	1	37	20.72	20.87	20.75	22.00
15	64QAM	1	74	20.81	20.81	20.71	22.00
15	64QAM	36	0	19.85	19.99	19.76	21.00
15	64QAM	36	20	19.79	19.96	19.85	21.00
15	64QAM	36	39	19.83	19.95	19.84	21.00
15	64QAM	75	0	19.97	19.90	19.87	21.00
15	256QAM	1	0	17.82	17.87	17.83	19.00
15	256QAM	1	37	17.78	17.87	17.74	19.00
15	256QAM	1	74	17.75	18.01	17.98	19.00
15	256QAM	36	0	17.80	17.95	17.76	19.00
15	256QAM	36	20	17.84	17.88	17.84	19.00
15	256QAM	36	39	17.84	17.87	17.81	19.00
15	256QAM	75	0	17.85	17.84	17.76	19.00
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	23.04	23.15	22.94	24.00
10	QPSK	1	25	22.75	22.91	22.83	24.00
10	QPSK	1	49	22.73	22.92	22.89	24.00
10	QPSK	25	0	21.94	22.06	21.93	23.00
10	QPSK	25	12	21.78	22.01	21.82	23.00

10	QPSK	25	25	21.86	21.93	21.78	23.00
10	QPSK	50	0	21.80	21.97	21.73	23.00
10	16QAM	1	0	21.00	21.02	21.00	23.00
10	16QAM	1	25	21.00	21.01	21.00	23.00
10	16QAM	1	49	21.00	21.02	21.00	23.00
10	16QAM	25	0	20.84	20.96	20.88	22.00
10	16QAM	25	12	20.94	20.97	20.81	22.00
10	16QAM	25	25	20.92	20.96	20.79	22.00
10	16QAM	50	0	20.67	20.84	20.73	22.00
10	64QAM	1	0	20.73	20.86	20.73	22.00
10	64QAM	1	25	20.77	20.78	20.86	22.00
10	64QAM	1	49	20.72	20.86	20.74	22.00
10	64QAM	25	0	19.83	19.97	19.84	21.00
10	64QAM	25	12	19.80	19.91	19.74	21.00
10	64QAM	25	25	19.79	19.98	19.83	21.00
10	64QAM	50	0	19.98	19.98	19.87	21.00
10	256QAM	1	0	17.84	17.87	17.81	19.00
10	256QAM	1	25	17.77	17.94	17.80	19.00
10	256QAM	1	49	17.80	17.98	17.92	19.00
10	256QAM	25	0	17.81	17.91	17.71	19.00
10	256QAM	25	12	17.90	17.92	17.82	19.00
10	256QAM	25	25	17.74	17.87	17.80	19.00
10	256QAM	50	0	17.72	17.87	17.69	19.00
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	22.97	23.14	22.90	24.00
5	QPSK	1	12	22.70	22.96	22.83	24.00
5	QPSK	1	24	22.77	22.95	22.93	24.00
5	QPSK	12	0	21.94	22.01	21.86	23.00
5	QPSK	12	7	21.91	21.90	21.69	23.00
5	QPSK	12	13	21.92	21.89	21.81	23.00
5	QPSK	25	0	21.90	21.97	21.84	23.00
5	16QAM	1	0	21.02	21.00	21.01	23.00
5	16QAM	1	12	21.00	21.04	21.01	23.00
5	16QAM	1	24	21.01	21.05	21.01	23.00
5	16QAM	12	0	20.90	21.03	20.82	22.00
5	16QAM	12	7	20.85	20.94	20.82	22.00
5	16QAM	12	13	20.93	20.90	20.77	22.00
5	16QAM	25	0	20.61	20.83	20.80	22.00
5	64QAM	1	0	20.86	20.91	20.63	22.00
5	64QAM	1	12	20.82	20.81	20.75	22.00
5	64QAM	1	24	20.75	20.87	20.70	22.00
5	64QAM	12	0	19.92	20.05	19.79	21.00
5	64QAM	12	7	19.89	19.92	19.78	21.00
5	64QAM	12	13	19.84	19.96	19.88	21.00
5	64QAM	25	0	19.91	19.94	19.81	21.00
5	256QAM	1	0	17.89	17.94	17.82	19.00
5	256QAM	1	12	17.85	17.89	17.81	19.00
5	256QAM	1	24	17.74	18.02	17.95	19.00
5	256QAM	12	0	17.70	17.89	17.69	19.00
5	256QAM	12	7	17.84	17.90	17.80	19.00
5	256QAM	12	13	17.74	17.83	17.79	19.00
5	256QAM	25	0	17.83	17.92	17.70	19.00

【LTE Band 7_Ant 1_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	23.17	23.21	23.03	24.00
20	QPSK	1	49	22.94	23.05	22.82	24.00
20	QPSK	1	99	22.88	23.02	22.71	24.00
20	QPSK	50	0	22.09	22.16	21.92	23.00
20	QPSK	50	24	22.07	22.14	21.92	23.00
20	QPSK	50	50	21.98	22.09	21.83	23.00
20	QPSK	100	0	22.08	22.15	21.94	23.00
20	16QAM	1	0	22.11	22.19	21.99	23.00
20	16QAM	1	49	22.08	22.17	21.93	23.00
20	16QAM	1	99	22.10	22.16	21.91	23.00
20	16QAM	50	0	21.11	21.23	21.05	22.00
20	16QAM	50	24	21.04	21.12	20.81	22.00
20	16QAM	50	50	20.96	21.11	20.88	22.00

20	16QAM	100	0	21.08	21.17	20.90	22.00
20	64QAM	1	0	21.18	21.23	20.98	22.00
20	64QAM	1	49	21.03	21.19	21.00	22.00
20	64QAM	1	99	21.14	21.21	20.90	22.00
20	64QAM	50	0	20.11	20.19	19.89	21.00
20	64QAM	50	24	19.99	20.13	19.93	21.00
20	64QAM	50	50	19.95	20.10	19.92	21.00
20	64QAM	100	0	20.06	20.16	19.87	21.00
20	256QAM	1	0	18.05	18.19	17.94	19.00
20	256QAM	1	49	18.12	18.25	18.01	19.00
20	256QAM	1	99	18.07	18.17	17.90	19.00
20	256QAM	50	0	18.10	18.20	18.02	19.00
20	256QAM	50	24	18.00	18.12	17.93	19.00
20	256QAM	50	50	17.92	18.09	17.84	19.00
20	256QAM	100	0	18.06	18.14	17.91	19.00
Channel				20825	21100	21375	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	23.15	23.11	23.02	24.00
15	QPSK	1	37	22.81	22.93	22.69	24.00
15	QPSK	1	74	22.76	22.98	22.57	24.00
15	QPSK	36	0	22.00	22.14	21.81	23.00
15	QPSK	36	20	22.00	22.10	21.80	23.00
15	QPSK	36	39	21.90	22.06	21.81	23.00
15	QPSK	75	0	22.03	22.03	21.86	23.00
15	16QAM	1	0	22.01	22.17	21.96	23.00
15	16QAM	1	37	22.04	22.15	21.80	23.00
15	16QAM	1	74	22.04	22.13	21.84	23.00
15	16QAM	36	0	21.03	21.10	21.00	22.00
15	16QAM	36	20	20.93	21.09	20.71	22.00
15	16QAM	36	39	20.89	21.02	20.86	22.00
15	16QAM	75	0	21.02	21.05	20.83	22.00
15	64QAM	1	0	21.09	21.09	20.86	22.00
15	64QAM	1	37	20.94	21.09	20.98	22.00
15	64QAM	1	74	21.05	21.08	20.86	22.00
15	64QAM	36	0	20.08	20.16	19.80	21.00
15	64QAM	36	20	19.93	20.06	19.92	21.00
15	64QAM	36	39	19.90	20.03	19.85	21.00
15	64QAM	75	0	20.02	20.08	19.73	21.00
15	256QAM	1	0	17.93	18.15	17.80	19.00
15	256QAM	1	37	18.04	18.16	17.88	19.00
15	256QAM	1	74	18.04	18.09	17.87	19.00
15	256QAM	36	0	17.98	18.11	17.91	19.00
15	256QAM	36	20	17.88	18.01	17.82	19.00
15	256QAM	36	39	17.90	18.02	17.77	19.00
15	256QAM	75	0	18.02	18.07	17.85	19.00
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	23.04	23.14	22.94	24.00
10	QPSK	1	25	22.90	22.95	22.68	24.00
10	QPSK	1	49	22.79	22.98	22.62	24.00
10	QPSK	25	0	21.93	22.02	21.82	23.00
10	QPSK	25	12	21.93	22.01	21.78	23.00
10	QPSK	25	25	21.86	22.06	21.69	23.00
10	QPSK	50	0	22.05	22.01	21.88	23.00
10	16QAM	1	0	22.08	22.11	21.96	23.00
10	16QAM	1	25	22.04	22.05	21.82	23.00
10	16QAM	1	49	22.07	22.03	21.81	23.00
10	16QAM	25	0	21.09	21.16	20.94	22.00
10	16QAM	25	12	21.02	21.01	20.69	22.00
10	16QAM	25	25	20.84	21.03	20.82	22.00
10	16QAM	50	0	21.03	21.07	20.88	22.00
10	64QAM	1	0	21.04	21.21	20.90	22.00
10	64QAM	1	25	21.02	21.12	20.95	22.00
10	64QAM	1	49	21.12	21.15	20.84	22.00
10	64QAM	25	0	19.96	20.05	19.84	21.00
10	64QAM	25	12	19.95	20.03	19.79	21.00
10	64QAM	25	25	19.94	19.97	19.83	21.00
10	64QAM	50	0	20.00	20.06	19.73	21.00
10	256QAM	1	0	18.01	18.17	17.90	19.00
10	256QAM	1	25	18.00	18.17	17.98	19.00
10	256QAM	1	49	18.05	18.14	17.86	19.00
10	256QAM	25	0	17.97	18.12	18.00	19.00
10	256QAM	25	12	17.85	17.99	17.89	19.00
10	256QAM	25	25	17.78	18.00	17.82	19.00
10	256QAM	50	0	18.01	18.03	17.82	19.00
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	23.10	23.18	23.00	24.00

5	QPSK	1	12	22.91	22.97	22.81	24.00
5	QPSK	1	24	22.76	22.98	22.58	24.00
5	QPSK	12	0	21.98	22.13	21.89	23.00
5	QPSK	12	7	21.99	22.05	21.78	23.00
5	QPSK	12	13	21.92	22.05	21.81	23.00
5	QPSK	25	0	21.98	22.01	21.85	23.00
5	16QAM	1	0	21.99	22.11	21.87	23.00
5	16QAM	1	12	21.97	22.04	21.89	23.00
5	16QAM	1	24	22.08	22.04	21.83	23.00
5	16QAM	12	0	20.98	21.20	21.02	22.00
5	16QAM	12	7	21.03	21.05	20.68	22.00
5	16QAM	12	13	20.82	21.05	20.74	22.00
5	16QAM	25	0	20.99	21.06	20.85	22.00
5	64QAM	1	0	21.13	21.09	20.96	22.00
5	64QAM	1	12	20.96	21.18	20.93	22.00
5	64QAM	1	24	21.03	21.17	20.81	22.00
5	64QAM	12	0	20.10	20.14	19.84	21.00
5	64QAM	12	7	19.84	20.07	19.90	21.00
5	64QAM	12	13	19.81	20.03	19.82	21.00
5	64QAM	25	0	20.04	20.14	19.86	21.00
5	256QAM	1	0	17.94	18.14	17.79	19.00
5	256QAM	1	12	17.99	18.22	17.98	19.00
5	256QAM	1	24	17.99	18.13	17.77	19.00
5	256QAM	12	0	17.99	18.18	17.95	19.00
5	256QAM	12	7	17.90	18.08	17.85	19.00
5	256QAM	12	13	17.77	18.04	17.83	19.00
5	256QAM	25	0	18.02	18.00	17.85	19.00

【LTE Band 7_Ant 1_ECI 2-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	23.08	23.17	23.05	24.00
20	QPSK	1	49	22.85	23.00	22.88	24.00
20	QPSK	1	99	22.88	23.05	22.94	24.00
20	QPSK	50	0	22.06	22.09	21.97	23.00
20	QPSK	50	24	21.93	22.04	21.84	23.00
20	QPSK	50	50	21.94	22.00	21.86	23.00
20	QPSK	100	0	21.94	22.09	21.86	23.00
20	16QAM	1	0	21.01	21.06	21.00	23.00
20	16QAM	1	49	21.00	21.06	21.00	23.00
20	16QAM	1	99	21.00	21.08	21.01	23.00
20	16QAM	50	0	20.91	21.07	20.92	22.00
20	16QAM	50	24	20.97	21.04	20.89	22.00
20	16QAM	50	50	20.95	21.04	20.87	22.00
20	16QAM	100	0	20.73	20.95	20.81	22.00
20	64QAM	1	0	20.87	20.94	20.78	22.00
20	64QAM	1	49	20.84	20.91	20.88	22.00
20	64QAM	1	99	20.83	20.95	20.76	22.00
20	64QAM	50	0	19.94	20.08	19.87	21.00
20	64QAM	50	24	19.93	20.06	19.87	21.00
20	64QAM	50	50	19.90	20.06	19.97	21.00
20	64QAM	100	0	20.03	20.01	19.92	21.00
20	256QAM	1	0	17.96	17.97	17.85	19.00
20	256QAM	1	49	17.91	17.96	17.84	19.00
20	256QAM	1	99	17.87	18.07	17.99	19.00
20	256QAM	50	0	17.85	18.00	17.81	19.00
20	256QAM	50	24	17.95	18.00	17.89	19.00
20	256QAM	50	50	17.88	17.95	17.88	19.00
20	256QAM	100	0	17.86	17.95	17.81	19.00
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	22.99	23.05	22.99	24.00
15	QPSK	1	37	22.80	22.88	22.75	24.00
15	QPSK	1	74	22.85	23.00	22.91	24.00
15	QPSK	36	0	22.00	22.07	21.89	23.00
15	QPSK	36	20	21.91	22.00	21.76	23.00
15	QPSK	36	39	21.91	21.98	21.80	23.00
15	QPSK	75	0	21.83	21.95	21.75	23.00
15	16QAM	1	0	21.02	21.00	21.01	23.00
15	16QAM	1	37	21.02	21.00	21.00	23.00

15	16QAM	1	74	21.00	21.06	21.00	23.00
15	16QAM	36	0	20.85	20.94	20.89	22.00
15	16QAM	36	20	20.87	20.95	20.77	22.00
15	16QAM	36	39	20.93	21.01	20.81	22.00
15	16QAM	75	0	20.64	20.86	20.77	22.00
15	64QAM	1	0	20.78	20.84	20.68	22.00
15	64QAM	1	37	20.72	20.87	20.75	22.00
15	64QAM	1	74	20.81	20.81	20.71	22.00
15	64QAM	36	0	19.85	19.99	19.76	21.00
15	64QAM	36	20	19.79	19.96	19.85	21.00
15	64QAM	36	39	19.83	19.95	19.84	21.00
15	64QAM	75	0	19.97	19.90	19.87	21.00
15	256QAM	1	0	17.82	17.87	17.83	19.00
15	256QAM	1	37	17.78	17.87	17.74	19.00
15	256QAM	1	74	17.75	18.01	17.98	19.00
15	256QAM	36	0	17.80	17.95	17.76	19.00
15	256QAM	36	20	17.84	17.88	17.84	19.00
15	256QAM	36	39	17.84	17.87	17.81	19.00
15	256QAM	75	0	17.85	17.84	17.76	19.00
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	23.04	23.15	22.94	24.00
10	QPSK	1	25	22.75	22.91	22.83	24.00
10	QPSK	1	49	22.73	22.92	22.89	24.00
10	QPSK	25	0	21.94	22.06	21.93	23.00
10	QPSK	25	12	21.78	22.01	21.82	23.00
10	QPSK	25	25	21.86	21.93	21.78	23.00
10	QPSK	50	0	21.80	21.97	21.73	23.00
10	16QAM	1	0	21.00	21.02	21.00	23.00
10	16QAM	1	25	21.00	21.01	21.00	23.00
10	16QAM	1	49	21.00	21.02	21.00	23.00
10	16QAM	25	0	20.84	20.96	20.88	22.00
10	16QAM	25	12	20.94	20.97	20.81	22.00
10	16QAM	25	25	20.92	20.96	20.79	22.00
10	16QAM	50	0	20.67	20.84	20.73	22.00
10	64QAM	1	0	20.73	20.86	20.73	22.00
10	64QAM	1	25	20.77	20.78	20.86	22.00
10	64QAM	1	49	20.72	20.86	20.74	22.00
10	64QAM	25	0	19.83	19.97	19.84	21.00
10	64QAM	25	12	19.80	19.91	19.74	21.00
10	64QAM	25	25	19.79	19.98	19.83	21.00
10	64QAM	50	0	19.98	19.98	19.87	21.00
10	256QAM	1	0	17.84	17.87	17.81	19.00
10	256QAM	1	25	17.77	17.94	17.80	19.00
10	256QAM	1	49	17.80	17.98	17.92	19.00
10	256QAM	25	0	17.81	17.91	17.71	19.00
10	256QAM	25	12	17.90	17.92	17.82	19.00
10	256QAM	25	25	17.74	17.87	17.80	19.00
10	256QAM	50	0	17.72	17.87	17.69	19.00
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	22.97	23.14	22.90	24.00
5	QPSK	1	12	22.70	22.96	22.83	24.00
5	QPSK	1	24	22.77	22.95	22.93	24.00
5	QPSK	12	0	21.94	22.01	21.86	23.00
5	QPSK	12	7	21.91	21.90	21.69	23.00
5	QPSK	12	13	21.92	21.89	21.81	23.00
5	QPSK	25	0	21.90	21.97	21.84	23.00
5	16QAM	1	0	21.02	21.00	21.01	23.00
5	16QAM	1	12	21.00	21.04	21.01	23.00
5	16QAM	1	24	21.01	21.05	21.01	23.00
5	16QAM	12	0	20.90	21.03	20.82	22.00
5	16QAM	12	7	20.85	20.94	20.82	22.00
5	16QAM	12	13	20.93	20.90	20.77	22.00
5	16QAM	25	0	20.61	20.83	20.80	22.00
5	64QAM	1	0	20.86	20.91	20.63	22.00
5	64QAM	1	12	20.82	20.81	20.75	22.00
5	64QAM	1	24	20.75	20.87	20.70	22.00
5	64QAM	12	0	19.92	20.05	19.79	21.00
5	64QAM	12	7	19.89	19.92	19.78	21.00
5	64QAM	12	13	19.84	19.96	19.88	21.00
5	64QAM	25	0	19.91	19.94	19.81	21.00
5	256QAM	1	0	17.89	17.94	17.82	19.00
5	256QAM	1	12	17.85	17.89	17.81	19.00
5	256QAM	1	24	17.74	18.02	17.95	19.00
5	256QAM	12	0	17.70	17.89	17.69	19.00
5	256QAM	12	7	17.84	17.90	17.80	19.00
5	256QAM	12	13	17.74	17.83	17.79	19.00

5	256QAM	25	0	17.83	17.92	17.70	19.00
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【LTE Band 7_Ant 1_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	23.17	23.21	23.03	24.00
20	QPSK	1	49	22.94	23.05	22.82	24.00
20	QPSK	1	99	22.88	23.02	22.71	24.00
20	QPSK	50	0	22.09	22.16	21.92	23.00
20	QPSK	50	24	22.07	22.14	21.92	23.00
20	QPSK	50	50	21.98	22.09	21.83	23.00
20	QPSK	100	0	22.08	22.15	21.94	23.00
20	16QAM	1	0	22.11	22.19	21.99	23.00
20	16QAM	1	49	22.08	22.17	21.93	23.00
20	16QAM	1	99	22.10	22.16	21.91	23.00
20	16QAM	50	0	21.11	21.23	21.05	22.00
20	16QAM	50	24	21.04	21.12	20.81	22.00
20	16QAM	50	50	20.96	21.11	20.88	22.00
20	16QAM	100	0	21.08	21.17	20.90	22.00
20	64QAM	1	0	21.18	21.23	20.98	22.00
20	64QAM	1	49	21.03	21.19	21.00	22.00
20	64QAM	1	99	21.14	21.21	20.90	22.00
20	64QAM	50	0	20.11	20.19	19.89	21.00
20	64QAM	50	24	19.99	20.13	19.93	21.00
20	64QAM	50	50	19.95	20.10	19.92	21.00
20	64QAM	100	0	20.06	20.16	19.87	21.00
20	256QAM	1	0	18.05	18.19	17.94	19.00
20	256QAM	1	49	18.12	18.25	18.01	19.00
20	256QAM	1	99	18.07	18.17	17.90	19.00
20	256QAM	50	0	18.10	18.20	18.02	19.00
20	256QAM	50	24	18.00	18.12	17.93	19.00
20	256QAM	50	50	17.92	18.09	17.84	19.00
20	256QAM	100	0	18.06	18.14	17.91	19.00
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	23.15	23.11	23.02	24.00
15	QPSK	1	37	22.81	22.93	22.69	24.00
15	QPSK	1	74	22.76	22.98	22.57	24.00
15	QPSK	36	0	22.00	22.14	21.81	23.00
15	QPSK	36	20	22.00	22.10	21.80	23.00
15	QPSK	36	39	21.90	22.06	21.81	23.00
15	QPSK	75	0	22.03	22.03	21.86	23.00
15	16QAM	1	0	22.01	22.17	21.96	23.00
15	16QAM	1	37	22.04	22.15	21.80	23.00
15	16QAM	1	74	22.04	22.13	21.84	23.00
15	16QAM	36	0	21.03	21.10	21.00	22.00
15	16QAM	36	20	20.93	21.09	20.71	22.00
15	16QAM	36	39	20.89	21.02	20.86	22.00
15	16QAM	75	0	21.02	21.05	20.83	22.00
15	64QAM	1	0	21.09	21.09	20.86	22.00
15	64QAM	1	37	20.94	21.09	20.98	22.00
15	64QAM	1	74	21.05	21.08	20.86	22.00
15	64QAM	36	0	20.08	20.16	19.80	21.00
15	64QAM	36	20	19.93	20.06	19.92	21.00
15	64QAM	36	39	19.90	20.03	19.85	21.00
15	64QAM	75	0	20.02	20.08	19.73	21.00
15	256QAM	1	0	17.93	18.15	17.80	19.00
15	256QAM	1	37	18.04	18.16	17.88	19.00
15	256QAM	1	74	18.04	18.09	17.87	19.00
15	256QAM	36	0	17.98	18.11	17.91	19.00
15	256QAM	36	20	17.88	18.01	17.82	19.00
15	256QAM	36	39	17.90	18.02	17.77	19.00
15	256QAM	75	0	18.02	18.07	17.85	19.00
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	23.04	23.14	22.94	24.00
10	QPSK	1	25	22.90	22.95	22.68	24.00
10	QPSK	1	49	22.79	22.98	22.62	24.00
10	QPSK	25	0	21.93	22.02	21.82	23.00
10	QPSK	25	12	21.93	22.01	21.78	23.00

10	QPSK	25	25	21.86	22.06	21.69	23.00
10	QPSK	50	0	22.05	22.01	21.88	23.00
10	16QAM	1	0	22.08	22.11	21.96	23.00
10	16QAM	1	25	22.04	22.05	21.82	23.00
10	16QAM	1	49	22.07	22.03	21.81	23.00
10	16QAM	25	0	21.09	21.16	20.94	22.00
10	16QAM	25	12	21.02	21.01	20.69	22.00
10	16QAM	25	25	20.84	21.03	20.82	22.00
10	16QAM	50	0	21.03	21.07	20.88	22.00
10	64QAM	1	0	21.04	21.21	20.90	22.00
10	64QAM	1	25	21.02	21.12	20.95	22.00
10	64QAM	1	49	21.12	21.15	20.84	22.00
10	64QAM	25	0	19.96	20.05	19.84	21.00
10	64QAM	25	12	19.95	20.03	19.79	21.00
10	64QAM	25	25	19.94	19.97	19.83	21.00
10	64QAM	50	0	20.00	20.06	19.73	21.00
10	256QAM	1	0	18.01	18.17	17.90	19.00
10	256QAM	1	25	18.00	18.17	17.98	19.00
10	256QAM	1	49	18.05	18.14	17.86	19.00
10	256QAM	25	0	17.97	18.12	18.00	19.00
10	256QAM	25	12	17.85	17.99	17.89	19.00
10	256QAM	25	25	17.78	18.00	17.82	19.00
10	256QAM	50	0	18.01	18.03	17.82	19.00
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	23.10	23.18	23.00	24.00
5	QPSK	1	12	22.91	22.97	22.81	24.00
5	QPSK	1	24	22.76	22.98	22.58	24.00
5	QPSK	12	0	21.98	22.13	21.89	23.00
5	QPSK	12	7	21.99	22.05	21.78	23.00
5	QPSK	12	13	21.92	22.05	21.81	23.00
5	QPSK	25	0	21.98	22.01	21.85	23.00
5	16QAM	1	0	21.99	22.11	21.87	23.00
5	16QAM	1	12	21.97	22.04	21.89	23.00
5	16QAM	1	24	22.08	22.04	21.83	23.00
5	16QAM	12	0	20.98	21.20	21.02	22.00
5	16QAM	12	7	21.03	21.05	20.68	22.00
5	16QAM	12	13	20.82	21.05	20.74	22.00
5	16QAM	25	0	20.99	21.06	20.85	22.00
5	64QAM	1	0	21.13	21.09	20.96	22.00
5	64QAM	1	12	20.96	21.18	20.93	22.00
5	64QAM	1	24	21.03	21.17	20.81	22.00
5	64QAM	12	0	20.10	20.14	19.84	21.00
5	64QAM	12	7	19.84	20.07	19.90	21.00
5	64QAM	12	13	19.81	20.03	19.82	21.00
5	64QAM	25	0	20.04	20.14	19.86	21.00
5	256QAM	1	0	17.94	18.14	17.79	19.00
5	256QAM	1	12	17.99	18.22	17.98	19.00
5	256QAM	1	24	17.99	18.13	17.77	19.00
5	256QAM	12	0	17.99	18.18	17.95	19.00
5	256QAM	12	7	17.90	18.08	17.85	19.00
5	256QAM	12	13	17.77	18.04	17.83	19.00
5	256QAM	25	0	18.02	18.00	17.85	19.00

【LTE Band 7_Ant 1_ECI 3-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	23.08	23.17	23.05	24.00
20	QPSK	1	49	22.85	23.00	22.88	24.00
20	QPSK	1	99	22.88	23.05	22.94	24.00
20	QPSK	50	0	22.06	22.09	21.97	23.00
20	QPSK	50	24	21.93	22.04	21.84	23.00
20	QPSK	50	50	21.94	22.00	21.86	23.00
20	QPSK	100	0	21.94	22.09	21.86	23.00
20	16QAM	1	0	21.01	21.06	21.00	23.00
20	16QAM	1	49	21.00	21.06	21.00	23.00
20	16QAM	1	99	21.00	21.08	21.01	23.00
20	16QAM	50	0	20.91	21.07	20.92	22.00
20	16QAM	50	24	20.97	21.04	20.89	22.00
20	16QAM	50	50	20.95	21.04	20.87	22.00

20	16QAM	100	0	20.73	20.95	20.81	22.00
20	64QAM	1	0	20.87	20.94	20.78	22.00
20	64QAM	1	49	20.84	20.91	20.88	22.00
20	64QAM	1	99	20.83	20.95	20.76	22.00
20	64QAM	50	0	19.94	20.08	19.87	21.00
20	64QAM	50	24	19.93	20.06	19.87	21.00
20	64QAM	50	50	19.90	20.06	19.97	21.00
20	64QAM	100	0	20.03	20.01	19.92	21.00
20	256QAM	1	0	17.96	17.97	17.85	19.00
20	256QAM	1	49	17.91	17.96	17.84	19.00
20	256QAM	1	99	17.87	18.07	17.99	19.00
20	256QAM	50	0	17.85	18.00	17.81	19.00
20	256QAM	50	24	17.95	18.00	17.89	19.00
20	256QAM	50	50	17.88	17.95	17.88	19.00
20	256QAM	100	0	17.86	17.95	17.81	19.00
Channel				20825	21100	21375	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	22.99	23.05	22.99	24.00
15	QPSK	1	37	22.80	22.88	22.75	24.00
15	QPSK	1	74	22.85	23.00	22.91	24.00
15	QPSK	36	0	22.00	22.07	21.89	23.00
15	QPSK	36	20	21.91	22.00	21.76	23.00
15	QPSK	36	39	21.91	21.98	21.80	23.00
15	QPSK	75	0	21.83	21.95	21.75	23.00
15	16QAM	1	0	21.02	21.00	21.01	23.00
15	16QAM	1	37	21.02	21.00	21.00	23.00
15	16QAM	1	74	21.00	21.06	21.00	23.00
15	16QAM	36	0	20.85	20.94	20.89	22.00
15	16QAM	36	20	20.87	20.95	20.77	22.00
15	16QAM	36	39	20.93	21.01	20.81	22.00
15	16QAM	75	0	20.64	20.86	20.77	22.00
15	64QAM	1	0	20.78	20.84	20.68	22.00
15	64QAM	1	37	20.72	20.87	20.75	22.00
15	64QAM	1	74	20.81	20.81	20.71	22.00
15	64QAM	36	0	19.85	19.99	19.76	21.00
15	64QAM	36	20	19.79	19.96	19.85	21.00
15	64QAM	36	39	19.83	19.95	19.84	21.00
15	64QAM	75	0	19.97	19.90	19.87	21.00
15	256QAM	1	0	17.82	17.87	17.83	19.00
15	256QAM	1	37	17.78	17.87	17.74	19.00
15	256QAM	1	74	17.75	18.01	17.98	19.00
15	256QAM	36	0	17.80	17.95	17.76	19.00
15	256QAM	36	20	17.84	17.88	17.84	19.00
15	256QAM	36	39	17.84	17.87	17.81	19.00
15	256QAM	75	0	17.85	17.84	17.76	19.00
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	23.04	23.15	22.94	24.00
10	QPSK	1	25	22.75	22.91	22.83	24.00
10	QPSK	1	49	22.73	22.92	22.89	24.00
10	QPSK	25	0	21.94	22.06	21.93	23.00
10	QPSK	25	12	21.78	22.01	21.82	23.00
10	QPSK	25	25	21.86	21.93	21.78	23.00
10	QPSK	50	0	21.80	21.97	21.73	23.00
10	16QAM	1	0	21.00	21.02	21.00	23.00
10	16QAM	1	25	21.00	21.01	21.00	23.00
10	16QAM	1	49	21.00	21.02	21.00	23.00
10	16QAM	25	0	20.84	20.96	20.88	22.00
10	16QAM	25	12	20.94	20.97	20.81	22.00
10	16QAM	25	25	20.92	20.96	20.79	22.00
10	16QAM	50	0	20.67	20.84	20.73	22.00
10	64QAM	1	0	20.73	20.86	20.73	22.00
10	64QAM	1	25	20.77	20.78	20.86	22.00
10	64QAM	1	49	20.72	20.86	20.74	22.00
10	64QAM	25	0	19.83	19.97	19.84	21.00
10	64QAM	25	12	19.80	19.91	19.74	21.00
10	64QAM	25	25	19.79	19.98	19.83	21.00
10	64QAM	50	0	19.98	19.98	19.87	21.00
10	256QAM	1	0	17.84	17.87	17.81	19.00
10	256QAM	1	25	17.77	17.94	17.80	19.00
10	256QAM	1	49	17.80	17.98	17.92	19.00
10	256QAM	25	0	17.81	17.91	17.71	19.00
10	256QAM	25	12	17.90	17.92	17.82	19.00
10	256QAM	25	25	17.74	17.87	17.80	19.00
10	256QAM	50	0	17.72	17.87	17.69	19.00
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	22.97	23.14	22.90	24.00

5	QPSK	1	12	22.70	22.96	22.83	24.00
5	QPSK	1	24	22.77	22.95	22.93	24.00
5	QPSK	12	0	21.94	22.01	21.86	23.00
5	QPSK	12	7	21.91	21.90	21.69	23.00
5	QPSK	12	13	21.92	21.89	21.81	23.00
5	QPSK	25	0	21.90	21.97	21.84	23.00
5	16QAM	1	0	21.02	21.00	21.01	23.00
5	16QAM	1	12	21.00	21.04	21.01	23.00
5	16QAM	1	24	21.01	21.05	21.01	23.00
5	16QAM	12	0	20.90	21.03	20.82	22.00
5	16QAM	12	7	20.85	20.94	20.82	22.00
5	16QAM	12	13	20.93	20.90	20.77	22.00
5	16QAM	25	0	20.61	20.83	20.80	22.00
5	64QAM	1	0	20.86	20.91	20.63	22.00
5	64QAM	1	12	20.82	20.81	20.75	22.00
5	64QAM	1	24	20.75	20.87	20.70	22.00
5	64QAM	12	0	19.92	20.05	19.79	21.00
5	64QAM	12	7	19.89	19.92	19.78	21.00
5	64QAM	12	13	19.84	19.96	19.88	21.00
5	64QAM	25	0	19.91	19.94	19.81	21.00
5	256QAM	1	0	17.89	17.94	17.82	19.00
5	256QAM	1	12	17.85	17.89	17.81	19.00
5	256QAM	1	24	17.74	18.02	17.95	19.00
5	256QAM	12	0	17.70	17.89	17.69	19.00
5	256QAM	12	7	17.84	17.90	17.80	19.00
5	256QAM	12	13	17.74	17.83	17.79	19.00
5	256QAM	25	0	17.83	17.92	17.70	19.00

【LTE Band 7_Ant 1_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	23.17	23.21	23.03	24.00
20	QPSK	1	49	22.94	23.05	22.82	24.00
20	QPSK	1	99	22.88	23.02	22.71	24.00
20	QPSK	50	0	22.09	22.16	21.92	23.00
20	QPSK	50	24	22.07	22.14	21.92	23.00
20	QPSK	50	50	21.98	22.09	21.83	23.00
20	QPSK	100	0	22.08	22.15	21.94	23.00
20	16QAM	1	0	22.11	22.19	21.99	23.00
20	16QAM	1	49	22.08	22.17	21.93	23.00
20	16QAM	1	99	22.10	22.16	21.91	23.00
20	16QAM	50	0	21.11	21.23	21.05	22.00
20	16QAM	50	24	21.04	21.12	20.81	22.00
20	16QAM	50	50	20.96	21.11	20.88	22.00
20	16QAM	100	0	21.08	21.17	20.90	22.00
20	64QAM	1	0	21.18	21.23	20.98	22.00
20	64QAM	1	49	21.03	21.19	21.00	22.00
20	64QAM	1	99	21.14	21.21	20.90	22.00
20	64QAM	50	0	20.11	20.19	19.89	21.00
20	64QAM	50	24	19.99	20.13	19.93	21.00
20	64QAM	50	50	19.95	20.10	19.92	21.00
20	64QAM	100	0	20.06	20.16	19.87	21.00
20	256QAM	1	0	18.05	18.19	17.94	19.00
20	256QAM	1	49	18.12	18.25	18.01	19.00
20	256QAM	1	99	18.07	18.17	17.90	19.00
20	256QAM	50	0	18.10	18.20	18.02	19.00
20	256QAM	50	24	18.00	18.12	17.93	19.00
20	256QAM	50	50	17.92	18.09	17.84	19.00
20	256QAM	100	0	18.06	18.14	17.91	19.00
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	23.15	23.11	23.02	24.00
15	QPSK	1	37	22.81	22.93	22.69	24.00
15	QPSK	1	74	22.76	22.98	22.57	24.00
15	QPSK	36	0	22.00	22.14	21.81	23.00
15	QPSK	36	20	22.00	22.10	21.80	23.00
15	QPSK	36	39	21.90	22.06	21.81	23.00
15	QPSK	75	0	22.03	22.03	21.86	23.00
15	16QAM	1	0	22.01	22.17	21.96	23.00
15	16QAM	1	37	22.04	22.15	21.80	23.00

15	16QAM	1	74	22.04	22.13	21.84	23.00
15	16QAM	36	0	21.03	21.10	21.00	22.00
15	16QAM	36	20	20.93	21.09	20.71	22.00
15	16QAM	36	39	20.89	21.02	20.86	22.00
15	16QAM	75	0	21.02	21.05	20.83	22.00
15	64QAM	1	0	21.09	21.09	20.86	22.00
15	64QAM	1	37	20.94	21.09	20.98	22.00
15	64QAM	1	74	21.05	21.08	20.86	22.00
15	64QAM	36	0	20.08	20.16	19.80	21.00
15	64QAM	36	20	19.93	20.06	19.92	21.00
15	64QAM	36	39	19.90	20.03	19.85	21.00
15	64QAM	75	0	20.02	20.08	19.73	21.00
15	256QAM	1	0	17.93	18.15	17.80	19.00
15	256QAM	1	37	18.04	18.16	17.88	19.00
15	256QAM	1	74	18.04	18.09	17.87	19.00
15	256QAM	36	0	17.98	18.11	17.91	19.00
15	256QAM	36	20	17.88	18.01	17.82	19.00
15	256QAM	36	39	17.90	18.02	17.77	19.00
15	256QAM	75	0	18.02	18.07	17.85	19.00
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	23.04	23.14	22.94	24.00
10	QPSK	1	25	22.90	22.95	22.68	24.00
10	QPSK	1	49	22.79	22.98	22.62	24.00
10	QPSK	25	0	21.93	22.02	21.82	23.00
10	QPSK	25	12	21.93	22.01	21.78	23.00
10	QPSK	25	25	21.86	22.06	21.69	23.00
10	QPSK	50	0	22.05	22.01	21.88	23.00
10	16QAM	1	0	22.08	22.11	21.96	23.00
10	16QAM	1	25	22.04	22.05	21.82	23.00
10	16QAM	1	49	22.07	22.03	21.81	23.00
10	16QAM	25	0	21.09	21.16	20.94	22.00
10	16QAM	25	12	21.02	21.01	20.69	22.00
10	16QAM	25	25	20.84	21.03	20.82	22.00
10	16QAM	50	0	21.03	21.07	20.88	22.00
10	64QAM	1	0	21.04	21.21	20.90	22.00
10	64QAM	1	25	21.02	21.12	20.95	22.00
10	64QAM	1	49	21.12	21.15	20.84	22.00
10	64QAM	25	0	19.96	20.05	19.84	21.00
10	64QAM	25	12	19.95	20.03	19.79	21.00
10	64QAM	25	25	19.94	19.97	19.83	21.00
10	64QAM	50	0	20.00	20.06	19.73	21.00
10	256QAM	1	0	18.01	18.17	17.90	19.00
10	256QAM	1	25	18.00	18.17	17.98	19.00
10	256QAM	1	49	18.05	18.14	17.86	19.00
10	256QAM	25	0	17.97	18.12	18.00	19.00
10	256QAM	25	12	17.85	17.99	17.89	19.00
10	256QAM	25	25	17.78	18.00	17.82	19.00
10	256QAM	50	0	18.01	18.03	17.82	19.00
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	23.10	23.18	23.00	24.00
5	QPSK	1	12	22.91	22.97	22.81	24.00
5	QPSK	1	24	22.76	22.98	22.58	24.00
5	QPSK	12	0	21.98	22.13	21.89	23.00
5	QPSK	12	7	21.99	22.05	21.78	23.00
5	QPSK	12	13	21.92	22.05	21.81	23.00
5	QPSK	25	0	21.98	22.01	21.85	23.00
5	16QAM	1	0	21.99	22.11	21.87	23.00
5	16QAM	1	12	21.97	22.04	21.89	23.00
5	16QAM	1	24	22.08	22.04	21.83	23.00
5	16QAM	12	0	20.98	21.20	21.02	22.00
5	16QAM	12	7	21.03	21.05	20.68	22.00
5	16QAM	12	13	20.82	21.05	20.74	22.00
5	16QAM	25	0	20.99	21.06	20.85	22.00
5	64QAM	1	0	21.13	21.09	20.96	22.00
5	64QAM	1	12	20.96	21.18	20.93	22.00
5	64QAM	1	24	21.03	21.17	20.81	22.00
5	64QAM	12	0	20.10	20.14	19.84	21.00
5	64QAM	12	7	19.84	20.07	19.90	21.00
5	64QAM	12	13	19.81	20.03	19.82	21.00
5	64QAM	25	0	20.04	20.14	19.86	21.00
5	256QAM	1	0	17.94	18.14	17.79	19.00
5	256QAM	1	12	17.99	18.22	17.98	19.00
5	256QAM	1	24	17.99	18.13	17.77	19.00
5	256QAM	12	0	17.99	18.18	17.95	19.00
5	256QAM	12	7	17.90	18.08	17.85	19.00
5	256QAM	12	13	17.77	18.04	17.83	19.00

5	256QAM	25	0	18.02	18.00	17.85	19.00
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【LTE Band 7_Ant 1_ECI 4-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	23.08	23.17	23.05	24.00
20	QPSK	1	49	22.85	23.00	22.88	24.00
20	QPSK	1	99	22.88	23.05	22.94	24.00
20	QPSK	50	0	22.06	22.09	21.97	23.00
20	QPSK	50	24	21.93	22.04	21.84	23.00
20	QPSK	50	50	21.94	22.00	21.86	23.00
20	QPSK	100	0	21.94	22.09	21.86	23.00
20	16QAM	1	0	21.01	21.06	21.00	23.00
20	16QAM	1	49	21.00	21.06	21.00	23.00
20	16QAM	1	99	21.00	21.08	21.01	23.00
20	16QAM	50	0	20.91	21.07	20.92	22.00
20	16QAM	50	24	20.97	21.04	20.89	22.00
20	16QAM	50	50	20.95	21.04	20.87	22.00
20	16QAM	100	0	20.73	20.95	20.81	22.00
20	64QAM	1	0	20.87	20.94	20.78	22.00
20	64QAM	1	49	20.84	20.91	20.88	22.00
20	64QAM	1	99	20.83	20.95	20.76	22.00
20	64QAM	50	0	19.94	20.08	19.87	21.00
20	64QAM	50	24	19.93	20.06	19.87	21.00
20	64QAM	50	50	19.90	20.06	19.97	21.00
20	64QAM	100	0	20.03	20.01	19.92	21.00
20	256QAM	1	0	17.96	17.97	17.85	19.00
20	256QAM	1	49	17.91	17.96	17.84	19.00
20	256QAM	1	99	17.87	18.07	17.99	19.00
20	256QAM	50	0	17.85	18.00	17.81	19.00
20	256QAM	50	24	17.95	18.00	17.89	19.00
20	256QAM	50	50	17.88	17.95	17.88	19.00
20	256QAM	100	0	17.86	17.95	17.81	19.00
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	22.99	23.05	22.99	24.00
15	QPSK	1	37	22.80	22.88	22.75	24.00
15	QPSK	1	74	22.85	23.00	22.91	24.00
15	QPSK	36	0	22.00	22.07	21.89	23.00
15	QPSK	36	20	21.91	22.00	21.76	23.00
15	QPSK	36	39	21.91	21.98	21.80	23.00
15	QPSK	75	0	21.83	21.95	21.75	23.00
15	16QAM	1	0	21.02	21.00	21.01	23.00
15	16QAM	1	37	21.02	21.00	21.00	23.00
15	16QAM	1	74	21.00	21.06	21.00	23.00
15	16QAM	36	0	20.85	20.94	20.89	22.00
15	16QAM	36	20	20.87	20.95	20.77	22.00
15	16QAM	36	39	20.93	21.01	20.81	22.00
15	16QAM	75	0	20.64	20.86	20.77	22.00
15	64QAM	1	0	20.78	20.84	20.68	22.00
15	64QAM	1	37	20.72	20.87	20.75	22.00
15	64QAM	1	74	20.81	20.81	20.71	22.00
15	64QAM	36	0	19.85	19.99	19.76	21.00
15	64QAM	36	20	19.79	19.96	19.85	21.00
15	64QAM	36	39	19.83	19.95	19.84	21.00
15	64QAM	75	0	19.97	19.90	19.87	21.00
15	256QAM	1	0	17.82	17.87	17.83	19.00
15	256QAM	1	37	17.78	17.87	17.74	19.00
15	256QAM	1	74	17.75	18.01	17.98	19.00
15	256QAM	36	0	17.80	17.95	17.76	19.00
15	256QAM	36	20	17.84	17.88	17.84	19.00
15	256QAM	36	39	17.84	17.87	17.81	19.00
15	256QAM	75	0	17.85	17.84	17.76	19.00
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	23.04	23.15	22.94	24.00
10	QPSK	1	25	22.75	22.91	22.83	24.00
10	QPSK	1	49	22.73	22.92	22.89	24.00
10	QPSK	25	0	21.94	22.06	21.93	23.00
10	QPSK	25	12	21.78	22.01	21.82	23.00

10	QPSK	25	25	21.86	21.93	21.78	23.00
10	QPSK	50	0	21.80	21.97	21.73	23.00
10	16QAM	1	0	21.00	21.02	21.00	23.00
10	16QAM	1	25	21.00	21.01	21.00	23.00
10	16QAM	1	49	21.00	21.02	21.00	23.00
10	16QAM	25	0	20.84	20.96	20.88	22.00
10	16QAM	25	12	20.94	20.97	20.81	22.00
10	16QAM	25	25	20.92	20.96	20.79	22.00
10	16QAM	50	0	20.67	20.84	20.73	22.00
10	64QAM	1	0	20.73	20.86	20.73	22.00
10	64QAM	1	25	20.77	20.78	20.86	22.00
10	64QAM	1	49	20.72	20.86	20.74	22.00
10	64QAM	25	0	19.83	19.97	19.84	21.00
10	64QAM	25	12	19.80	19.91	19.74	21.00
10	64QAM	25	25	19.79	19.98	19.83	21.00
10	64QAM	50	0	19.98	19.98	19.87	21.00
10	256QAM	1	0	17.84	17.87	17.81	19.00
10	256QAM	1	25	17.77	17.94	17.80	19.00
10	256QAM	1	49	17.80	17.98	17.92	19.00
10	256QAM	25	0	17.81	17.91	17.71	19.00
10	256QAM	25	12	17.90	17.92	17.82	19.00
10	256QAM	25	25	17.74	17.87	17.80	19.00
10	256QAM	50	0	17.72	17.87	17.69	19.00
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	22.97	23.14	22.90	24.00
5	QPSK	1	12	22.70	22.96	22.83	24.00
5	QPSK	1	24	22.77	22.95	22.93	24.00
5	QPSK	12	0	21.94	22.01	21.86	23.00
5	QPSK	12	7	21.91	21.90	21.69	23.00
5	QPSK	12	13	21.92	21.89	21.81	23.00
5	QPSK	25	0	21.90	21.97	21.84	23.00
5	16QAM	1	0	21.02	21.00	21.01	23.00
5	16QAM	1	12	21.00	21.04	21.01	23.00
5	16QAM	1	24	21.01	21.05	21.01	23.00
5	16QAM	12	0	20.90	21.03	20.82	22.00
5	16QAM	12	7	20.85	20.94	20.82	22.00
5	16QAM	12	13	20.93	20.90	20.77	22.00
5	16QAM	25	0	20.61	20.83	20.80	22.00
5	64QAM	1	0	20.86	20.91	20.63	22.00
5	64QAM	1	12	20.82	20.81	20.75	22.00
5	64QAM	1	24	20.75	20.87	20.70	22.00
5	64QAM	12	0	19.92	20.05	19.79	21.00
5	64QAM	12	7	19.89	19.92	19.78	21.00
5	64QAM	12	13	19.84	19.96	19.88	21.00
5	64QAM	25	0	19.91	19.94	19.81	21.00
5	256QAM	1	0	17.89	17.94	17.82	19.00
5	256QAM	1	12	17.85	17.89	17.81	19.00
5	256QAM	1	24	17.74	18.02	17.95	19.00
5	256QAM	12	0	17.70	17.89	17.69	19.00
5	256QAM	12	7	17.84	17.90	17.80	19.00
5	256QAM	12	13	17.74	17.83	17.79	19.00
5	256QAM	25	0	17.83	17.92	17.70	19.00

【LTE Band 7_Ant 1_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	23.17	23.21	23.03	24.00
20	QPSK	1	49	22.94	23.05	22.82	24.00
20	QPSK	1	99	22.88	23.02	22.71	24.00
20	QPSK	50	0	22.09	22.16	21.92	23.00
20	QPSK	50	24	22.07	22.14	21.92	23.00
20	QPSK	50	50	21.98	22.09	21.83	23.00
20	QPSK	100	0	22.08	22.15	21.94	23.00
20	16QAM	1	0	22.11	22.19	21.99	23.00
20	16QAM	1	49	22.08	22.17	21.93	23.00
20	16QAM	1	99	22.10	22.16	21.91	23.00
20	16QAM	50	0	21.11	21.23	21.05	22.00
20	16QAM	50	24	21.04	21.12	20.81	22.00
20	16QAM	50	50	20.96	21.11	20.88	22.00

20	16QAM	100	0	21.08	21.17	20.90	22.00
20	64QAM	1	0	21.18	21.23	20.98	22.00
20	64QAM	1	49	21.03	21.19	21.00	22.00
20	64QAM	1	99	21.14	21.21	20.90	22.00
20	64QAM	50	0	20.11	20.19	19.89	21.00
20	64QAM	50	24	19.99	20.13	19.93	21.00
20	64QAM	50	50	19.95	20.10	19.92	21.00
20	64QAM	100	0	20.06	20.16	19.87	21.00
20	256QAM	1	0	18.05	18.19	17.94	19.00
20	256QAM	1	49	18.12	18.25	18.01	19.00
20	256QAM	1	99	18.07	18.17	17.90	19.00
20	256QAM	50	0	18.10	18.20	18.02	19.00
20	256QAM	50	24	18.00	18.12	17.93	19.00
20	256QAM	50	50	17.92	18.09	17.84	19.00
20	256QAM	100	0	18.06	18.14	17.91	19.00
Channel				20825	21100	21375	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	23.15	23.11	23.02	24.00
15	QPSK	1	37	22.81	22.93	22.69	24.00
15	QPSK	1	74	22.76	22.98	22.57	24.00
15	QPSK	36	0	22.00	22.14	21.81	23.00
15	QPSK	36	20	22.00	22.10	21.80	23.00
15	QPSK	36	39	21.90	22.06	21.81	23.00
15	QPSK	75	0	22.03	22.03	21.86	23.00
15	16QAM	1	0	22.01	22.17	21.96	23.00
15	16QAM	1	37	22.04	22.15	21.80	23.00
15	16QAM	1	74	22.04	22.13	21.84	23.00
15	16QAM	36	0	21.03	21.10	21.00	22.00
15	16QAM	36	20	20.93	21.09	20.71	22.00
15	16QAM	36	39	20.89	21.02	20.86	22.00
15	16QAM	75	0	21.02	21.05	20.83	22.00
15	64QAM	1	0	21.09	21.09	20.86	22.00
15	64QAM	1	37	20.94	21.09	20.98	22.00
15	64QAM	1	74	21.05	21.08	20.86	22.00
15	64QAM	36	0	20.08	20.16	19.80	21.00
15	64QAM	36	20	19.93	20.06	19.92	21.00
15	64QAM	36	39	19.90	20.03	19.85	21.00
15	64QAM	75	0	20.02	20.08	19.73	21.00
15	256QAM	1	0	17.93	18.15	17.80	19.00
15	256QAM	1	37	18.04	18.16	17.88	19.00
15	256QAM	1	74	18.04	18.09	17.87	19.00
15	256QAM	36	0	17.98	18.11	17.91	19.00
15	256QAM	36	20	17.88	18.01	17.82	19.00
15	256QAM	36	39	17.90	18.02	17.77	19.00
15	256QAM	75	0	18.02	18.07	17.85	19.00
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	23.04	23.14	22.94	24.00
10	QPSK	1	25	22.90	22.95	22.68	24.00
10	QPSK	1	49	22.79	22.98	22.62	24.00
10	QPSK	25	0	21.93	22.02	21.82	23.00
10	QPSK	25	12	21.93	22.01	21.78	23.00
10	QPSK	25	25	21.86	22.06	21.69	23.00
10	QPSK	50	0	22.05	22.01	21.88	23.00
10	16QAM	1	0	22.08	22.11	21.96	23.00
10	16QAM	1	25	22.04	22.05	21.82	23.00
10	16QAM	1	49	22.07	22.03	21.81	23.00
10	16QAM	25	0	21.09	21.16	20.94	22.00
10	16QAM	25	12	21.02	21.01	20.69	22.00
10	16QAM	25	25	20.84	21.03	20.82	22.00
10	16QAM	50	0	21.03	21.07	20.88	22.00
10	64QAM	1	0	21.04	21.21	20.90	22.00
10	64QAM	1	25	21.02	21.12	20.95	22.00
10	64QAM	1	49	21.12	21.15	20.84	22.00
10	64QAM	25	0	19.96	20.05	19.84	21.00
10	64QAM	25	12	19.95	20.03	19.79	21.00
10	64QAM	25	25	19.94	19.97	19.83	21.00
10	64QAM	50	0	20.00	20.06	19.73	21.00
10	256QAM	1	0	18.01	18.17	17.90	19.00
10	256QAM	1	25	18.00	18.17	17.98	19.00
10	256QAM	1	49	18.05	18.14	17.86	19.00
10	256QAM	25	0	17.97	18.12	18.00	19.00
10	256QAM	25	12	17.85	17.99	17.89	19.00
10	256QAM	25	25	17.78	18.00	17.82	19.00
10	256QAM	50	0	18.01	18.03	17.82	19.00
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	23.10	23.18	23.00	24.00

5	QPSK	1	12	22.91	22.97	22.81	24.00
5	QPSK	1	24	22.76	22.98	22.58	24.00
5	QPSK	12	0	21.98	22.13	21.89	23.00
5	QPSK	12	7	21.99	22.05	21.78	23.00
5	QPSK	12	13	21.92	22.05	21.81	23.00
5	QPSK	25	0	21.98	22.01	21.85	23.00
5	16QAM	1	0	21.99	22.11	21.87	23.00
5	16QAM	1	12	21.97	22.04	21.89	23.00
5	16QAM	1	24	22.08	22.04	21.83	23.00
5	16QAM	12	0	20.98	21.20	21.02	22.00
5	16QAM	12	7	21.03	21.05	20.68	22.00
5	16QAM	12	13	20.82	21.05	20.74	22.00
5	16QAM	25	0	20.99	21.06	20.85	22.00
5	64QAM	1	0	21.13	21.09	20.96	22.00
5	64QAM	1	12	20.96	21.18	20.93	22.00
5	64QAM	1	24	21.03	21.17	20.81	22.00
5	64QAM	12	0	20.10	20.14	19.84	21.00
5	64QAM	12	7	19.84	20.07	19.90	21.00
5	64QAM	12	13	19.81	20.03	19.82	21.00
5	64QAM	25	0	20.04	20.14	19.86	21.00
5	256QAM	1	0	17.94	18.14	17.79	19.00
5	256QAM	1	12	17.99	18.22	17.98	19.00
5	256QAM	1	24	17.99	18.13	17.77	19.00
5	256QAM	12	0	17.99	18.18	17.95	19.00
5	256QAM	12	7	17.90	18.08	17.85	19.00
5	256QAM	12	13	17.77	18.04	17.83	19.00
5	256QAM	25	0	18.02	18.00	17.85	19.00

【LTE Band 7_Ant 1_ECI 6-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	23.08	23.17	23.05	24.00
20	QPSK	1	49	22.85	23.00	22.88	24.00
20	QPSK	1	99	22.88	23.05	22.94	24.00
20	QPSK	50	0	22.06	22.09	21.97	23.00
20	QPSK	50	24	21.93	22.04	21.84	23.00
20	QPSK	50	50	21.94	22.00	21.86	23.00
20	QPSK	100	0	21.94	22.09	21.86	23.00
20	16QAM	1	0	21.01	21.06	21.00	23.00
20	16QAM	1	49	21.00	21.06	21.00	23.00
20	16QAM	1	99	21.00	21.08	21.01	23.00
20	16QAM	50	0	20.91	21.07	20.92	22.00
20	16QAM	50	24	20.97	21.04	20.89	22.00
20	16QAM	50	50	20.95	21.04	20.87	22.00
20	16QAM	100	0	20.73	20.95	20.81	22.00
20	64QAM	1	0	20.87	20.94	20.78	22.00
20	64QAM	1	49	20.84	20.91	20.88	22.00
20	64QAM	1	99	20.83	20.95	20.76	22.00
20	64QAM	50	0	19.94	20.08	19.87	21.00
20	64QAM	50	24	19.93	20.06	19.87	21.00
20	64QAM	50	50	19.90	20.06	19.97	21.00
20	64QAM	100	0	20.03	20.01	19.92	21.00
20	256QAM	1	0	17.96	17.97	17.85	19.00
20	256QAM	1	49	17.91	17.96	17.84	19.00
20	256QAM	1	99	17.87	18.07	17.99	19.00
20	256QAM	50	0	17.85	18.00	17.81	19.00
20	256QAM	50	24	17.95	18.00	17.89	19.00
20	256QAM	50	50	17.88	17.95	17.88	19.00
20	256QAM	100	0	17.86	17.95	17.81	19.00
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	22.99	23.05	22.99	24.00
15	QPSK	1	37	22.80	22.88	22.75	24.00
15	QPSK	1	74	22.85	23.00	22.91	24.00
15	QPSK	36	0	22.00	22.07	21.89	23.00
15	QPSK	36	20	21.91	22.00	21.76	23.00
15	QPSK	36	39	21.91	21.98	21.80	23.00
15	QPSK	75	0	21.83	21.95	21.75	23.00
15	16QAM	1	0	21.02	21.00	21.01	23.00
15	16QAM	1	37	21.02	21.00	21.00	23.00

15	16QAM	1	74	21.00	21.06	21.00	23.00
15	16QAM	36	0	20.85	20.94	20.89	22.00
15	16QAM	36	20	20.87	20.95	20.77	22.00
15	16QAM	36	39	20.93	21.01	20.81	22.00
15	16QAM	75	0	20.64	20.86	20.77	22.00
15	64QAM	1	0	20.78	20.84	20.68	22.00
15	64QAM	1	37	20.72	20.87	20.75	22.00
15	64QAM	1	74	20.81	20.81	20.71	22.00
15	64QAM	36	0	19.85	19.99	19.76	21.00
15	64QAM	36	20	19.79	19.96	19.85	21.00
15	64QAM	36	39	19.83	19.95	19.84	21.00
15	64QAM	75	0	19.97	19.90	19.87	21.00
15	256QAM	1	0	17.82	17.87	17.83	19.00
15	256QAM	1	37	17.78	17.87	17.74	19.00
15	256QAM	1	74	17.75	18.01	17.98	19.00
15	256QAM	36	0	17.80	17.95	17.76	19.00
15	256QAM	36	20	17.84	17.88	17.84	19.00
15	256QAM	36	39	17.84	17.87	17.81	19.00
15	256QAM	75	0	17.85	17.84	17.76	19.00
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	23.04	23.15	22.94	24.00
10	QPSK	1	25	22.75	22.91	22.83	24.00
10	QPSK	1	49	22.73	22.92	22.89	24.00
10	QPSK	25	0	21.94	22.06	21.93	23.00
10	QPSK	25	12	21.78	22.01	21.82	23.00
10	QPSK	25	25	21.86	21.93	21.78	23.00
10	QPSK	50	0	21.80	21.97	21.73	23.00
10	16QAM	1	0	21.00	21.02	21.00	23.00
10	16QAM	1	25	21.00	21.01	21.00	23.00
10	16QAM	1	49	21.00	21.02	21.00	23.00
10	16QAM	25	0	20.84	20.96	20.88	22.00
10	16QAM	25	12	20.94	20.97	20.81	22.00
10	16QAM	25	25	20.92	20.96	20.79	22.00
10	16QAM	50	0	20.67	20.84	20.73	22.00
10	64QAM	1	0	20.73	20.86	20.73	22.00
10	64QAM	1	25	20.77	20.78	20.86	22.00
10	64QAM	1	49	20.72	20.86	20.74	22.00
10	64QAM	25	0	19.83	19.97	19.84	21.00
10	64QAM	25	12	19.80	19.91	19.74	21.00
10	64QAM	25	25	19.79	19.98	19.83	21.00
10	64QAM	50	0	19.98	19.98	19.87	21.00
10	256QAM	1	0	17.84	17.87	17.81	19.00
10	256QAM	1	25	17.77	17.94	17.80	19.00
10	256QAM	1	49	17.80	17.98	17.92	19.00
10	256QAM	25	0	17.81	17.91	17.71	19.00
10	256QAM	25	12	17.90	17.92	17.82	19.00
10	256QAM	25	25	17.74	17.87	17.80	19.00
10	256QAM	50	0	17.72	17.87	17.69	19.00
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	22.97	23.14	22.90	24.00
5	QPSK	1	12	22.70	22.96	22.83	24.00
5	QPSK	1	24	22.77	22.95	22.93	24.00
5	QPSK	12	0	21.94	22.01	21.86	23.00
5	QPSK	12	7	21.91	21.90	21.69	23.00
5	QPSK	12	13	21.92	21.89	21.81	23.00
5	QPSK	25	0	21.90	21.97	21.84	23.00
5	16QAM	1	0	21.02	21.00	21.01	23.00
5	16QAM	1	12	21.00	21.04	21.01	23.00
5	16QAM	1	24	21.01	21.05	21.01	23.00
5	16QAM	12	0	20.90	21.03	20.82	22.00
5	16QAM	12	7	20.85	20.94	20.82	22.00
5	16QAM	12	13	20.93	20.90	20.77	22.00
5	16QAM	25	0	20.61	20.83	20.80	22.00
5	64QAM	1	0	20.86	20.91	20.63	22.00
5	64QAM	1	12	20.82	20.81	20.75	22.00
5	64QAM	1	24	20.75	20.87	20.70	22.00
5	64QAM	12	0	19.92	20.05	19.79	21.00
5	64QAM	12	7	19.89	19.92	19.78	21.00
5	64QAM	12	13	19.84	19.96	19.88	21.00
5	64QAM	25	0	19.91	19.94	19.81	21.00
5	256QAM	1	0	17.89	17.94	17.82	19.00
5	256QAM	1	12	17.85	17.89	17.81	19.00
5	256QAM	1	24	17.74	18.02	17.95	19.00
5	256QAM	12	0	17.70	17.89	17.69	19.00
5	256QAM	12	7	17.84	17.90	17.80	19.00
5	256QAM	12	13	17.74	17.83	17.79	19.00

5	256QAM	25	0	17.83	17.92	17.70	19.00
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【LTE Band 7_Ant 1_ECI 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	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	20.67	20.72	20.48	21.60
20	QPSK	1	49	20.48	20.53	20.29	21.60
20	QPSK	1	99	20.42	20.59	20.36	21.60
20	QPSK	50	0	20.49	20.58	20.31	21.60
20	QPSK	50	24	20.42	20.56	20.28	21.60
20	QPSK	50	50	20.48	20.53	20.28	21.60
20	QPSK	100	0	20.48	20.51	20.34	21.60
20	16QAM	1	0	20.42	20.59	20.27	21.60
20	16QAM	1	49	20.40	20.54	20.31	21.60
20	16QAM	1	99	20.43	20.57	20.36	21.60
20	16QAM	50	0	20.42	20.58	20.29	21.60
20	16QAM	50	24	20.40	20.56	20.29	21.60
20	16QAM	50	50	20.44	20.50	20.28	21.60
20	16QAM	100	0	20.46	20.57	20.30	21.60
20	64QAM	1	0	20.47	20.57	20.34	21.60
20	64QAM	1	49	20.46	20.54	20.27	21.60
20	64QAM	1	99	20.43	20.59	20.37	21.60
20	64QAM	50	0	20.11	20.19	19.89	21.10
20	64QAM	50	24	19.99	20.13	19.93	21.10
20	64QAM	50	50	19.95	20.10	19.92	21.10
20	64QAM	100	0	20.06	20.16	19.87	21.10
20	256QAM	1	0	18.05	18.19	17.94	19.10
20	256QAM	1	49	18.12	18.25	18.01	19.10
20	256QAM	1	99	18.07	18.17	17.90	19.10
20	256QAM	50	0	18.10	18.20	18.02	19.10
20	256QAM	50	24	18.00	18.12	17.93	19.10
20	256QAM	50	50	17.92	18.09	17.84	19.10
20	256QAM	100	0	18.06	18.14	17.91	19.10
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	20.65	20.61	20.38	21.60
15	QPSK	1	37	20.36	20.50	20.19	21.60
15	QPSK	1	74	20.29	20.50	20.35	21.60
15	QPSK	36	0	20.28	20.54	20.27	21.60
15	QPSK	36	20	20.30	20.55	20.18	21.60
15	QPSK	36	39	20.43	20.48	20.21	21.60
15	QPSK	75	0	20.47	20.44	20.31	21.60
15	16QAM	1	0	20.35	20.47	20.14	21.60
15	16QAM	1	37	20.31	20.49	20.20	21.60
15	16QAM	1	74	20.38	20.54	20.25	21.60
15	16QAM	36	0	20.30	20.51	20.23	21.60
15	16QAM	36	20	20.28	20.50	20.17	21.60
15	16QAM	36	39	20.32	20.36	20.14	21.60
15	16QAM	75	0	20.33	20.49	20.23	21.60
15	64QAM	1	0	20.44	20.56	20.30	21.60
15	64QAM	1	37	20.32	20.51	20.15	21.60
15	64QAM	1	74	20.33	20.48	20.33	21.60
15	64QAM	36	0	19.97	20.12	19.76	21.10
15	64QAM	36	20	19.86	20.02	19.89	21.10
15	64QAM	36	39	19.90	19.98	19.89	21.10
15	64QAM	75	0	19.92	20.15	19.83	21.10
15	256QAM	1	0	17.91	18.14	17.81	19.10
15	256QAM	1	37	18.08	18.22	17.96	19.10
15	256QAM	1	74	17.94	18.15	17.84	19.10
15	256QAM	36	0	18.07	18.08	17.90	19.10
15	256QAM	36	20	17.90	18.04	17.87	19.10
15	256QAM	36	39	17.84	17.97	17.74	19.10
15	256QAM	75	0	17.94	18.05	17.81	19.10
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	20.55	20.67	20.43	21.60
10	QPSK	1	25	20.37	20.51	20.17	21.60
10	QPSK	1	49	20.30	20.49	20.31	21.60
10	QPSK	25	0	20.29	20.57	20.20	21.60
10	QPSK	25	12	20.36	20.42	20.23	21.60

10	QPSK	25	25	20.43	20.45	20.17	21.60
10	QPSK	50	0	20.40	20.46	20.22	21.60
10	16QAM	1	0	20.29	20.46	20.21	21.60
10	16QAM	1	25	20.36	20.42	20.17	21.60
10	16QAM	1	49	20.42	20.54	20.28	21.60
10	16QAM	25	0	20.39	20.53	20.23	21.60
10	16QAM	25	12	20.28	20.51	20.15	21.60
10	16QAM	25	25	20.32	20.36	20.18	21.60
10	16QAM	50	0	20.37	20.43	20.18	21.60
10	64QAM	1	0	20.35	20.43	20.27	21.60
10	64QAM	1	25	20.42	20.52	20.25	21.60
10	64QAM	1	49	20.34	20.55	20.32	21.60
10	64QAM	25	0	20.01	20.07	19.81	21.10
10	64QAM	25	12	19.97	20.03	19.90	21.10
10	64QAM	25	25	19.82	20.04	19.77	21.10
10	64QAM	50	0	19.99	20.01	19.86	21.10
10	256QAM	1	0	17.90	18.07	17.93	19.10
10	256QAM	1	25	18.02	18.11	17.95	19.10
10	256QAM	1	49	18.01	18.08	17.79	19.10
10	256QAM	25	0	17.97	18.07	17.99	19.10
10	256QAM	25	12	17.99	18.07	17.90	19.10
10	256QAM	25	25	17.85	17.96	17.73	19.10
10	256QAM	50	0	18.01	18.00	17.79	19.10
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	20.63	20.59	20.33	21.60
5	QPSK	1	12	20.47	20.52	20.25	21.60
5	QPSK	1	24	20.35	20.51	20.26	21.60
5	QPSK	12	0	20.26	20.57	20.21	21.60
5	QPSK	12	7	20.35	20.50	20.19	21.60
5	QPSK	12	13	20.41	20.52	20.14	21.60
5	QPSK	25	0	20.43	20.46	20.20	21.60
5	16QAM	1	0	20.35	20.48	20.19	21.60
5	16QAM	1	12	20.36	20.41	20.23	21.60
5	16QAM	1	24	20.30	20.47	20.25	21.60
5	16QAM	12	0	20.38	20.47	20.14	21.60
5	16QAM	12	7	20.38	20.51	20.15	21.60
5	16QAM	12	13	20.41	20.36	20.21	21.60
5	16QAM	25	0	20.40	20.53	20.20	21.60
5	64QAM	1	0	20.32	20.47	20.30	21.60
5	64QAM	1	12	20.33	20.51	20.22	21.60
5	64QAM	1	24	20.38	20.48	20.35	21.60
5	64QAM	12	0	20.04	20.08	19.75	21.10
5	64QAM	12	7	19.88	20.08	19.90	21.10
5	64QAM	12	13	19.81	19.97	19.81	21.10
5	64QAM	25	0	20.04	20.12	19.73	21.10
5	256QAM	1	0	17.94	18.09	17.83	19.10
5	256QAM	1	12	18.09	18.13	17.86	19.10
5	256QAM	1	24	17.96	18.08	17.76	19.10
5	256QAM	12	0	18.06	18.15	17.92	19.10
5	256QAM	12	7	17.98	18.03	17.83	19.10
5	256QAM	12	13	17.89	18.06	17.78	19.10
5	256QAM	25	0	17.97	18.07	17.86	19.10

【LTE Band 7_Ant 1_ECI 7-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	20.60	20.66	20.43	21.60
20	QPSK	1	49	20.29	20.49	20.23	21.60
20	QPSK	1	99	20.36	20.46	20.26	21.60
20	QPSK	50	0	20.36	20.51	20.23	21.60
20	QPSK	50	24	20.37	20.43	20.21	21.60
20	QPSK	50	50	20.35	20.49	20.21	21.60
20	QPSK	100	0	20.30	20.46	20.21	21.60
20	16QAM	1	0	20.37	20.41	20.20	21.60
20	16QAM	1	49	20.38	20.44	20.23	21.60
20	16QAM	1	99	20.31	20.41	20.23	21.60
20	16QAM	50	0	20.38	20.46	20.22	21.60
20	16QAM	50	24	20.37	20.42	20.24	21.60
20	16QAM	50	50	20.37	20.43	20.27	21.60

20	16QAM	100	0	20.36	20.43	20.25	21.60
20	64QAM	1	0	20.33	20.42	20.25	21.60
20	64QAM	1	49	20.31	20.48	20.24	21.60
20	64QAM	1	99	20.33	20.44	20.18	21.60
20	64QAM	50	0	19.94	20.08	19.87	21.10
20	64QAM	50	24	19.93	20.06	19.87	21.10
20	64QAM	50	50	19.90	20.06	19.97	21.10
20	64QAM	100	0	20.03	20.01	19.92	21.10
20	256QAM	1	0	17.96	17.97	17.85	19.10
20	256QAM	1	49	17.91	17.96	17.84	19.10
20	256QAM	1	99	17.87	18.07	17.99	19.10
20	256QAM	50	0	17.85	18.00	17.81	19.10
20	256QAM	50	24	17.95	18.00	17.89	19.10
20	256QAM	50	50	17.88	17.95	17.88	19.10
20	256QAM	100	0	17.86	17.95	17.81	19.10
Channel				20825	21100	21375	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	20.55	20.52	20.34	21.60
15	QPSK	1	37	20.16	20.47	20.12	21.60
15	QPSK	1	74	20.24	20.34	20.13	21.60
15	QPSK	36	0	20.33	20.43	20.22	21.60
15	QPSK	36	20	20.36	20.28	20.10	21.60
15	QPSK	36	39	20.28	20.36	20.06	21.60
15	QPSK	75	0	20.23	20.45	20.14	21.60
15	16QAM	1	0	20.34	20.39	20.14	21.60
15	16QAM	1	37	20.34	20.33	20.16	21.60
15	16QAM	1	74	20.20	20.29	20.19	21.60
15	16QAM	36	0	20.27	20.33	20.07	21.60
15	16QAM	36	20	20.28	20.33	20.16	21.60
15	16QAM	36	39	20.30	20.36	20.22	21.60
15	16QAM	75	0	20.28	20.33	20.15	21.60
15	64QAM	1	0	20.24	20.38	20.15	21.60
15	64QAM	1	37	20.29	20.41	20.12	21.60
15	64QAM	1	74	20.22	20.34	20.08	21.60
15	64QAM	36	0	19.90	19.97	19.85	21.10
15	64QAM	36	20	19.81	20.04	19.75	21.10
15	64QAM	36	39	19.84	19.96	19.95	21.10
15	64QAM	75	0	19.99	20.00	19.86	21.10
15	256QAM	1	0	17.82	17.95	17.78	19.10
15	256QAM	1	37	17.88	17.84	17.77	19.10
15	256QAM	1	74	17.76	17.96	17.91	19.10
15	256QAM	36	0	17.80	17.95	17.69	19.10
15	256QAM	36	20	17.84	17.93	17.82	19.10
15	256QAM	36	39	17.81	17.82	17.76	19.10
15	256QAM	75	0	17.76	17.87	17.66	19.10
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	20.52	20.53	20.29	21.60
10	QPSK	1	25	20.26	20.37	20.16	21.60
10	QPSK	1	49	20.27	20.37	20.15	21.60
10	QPSK	25	0	20.28	20.48	20.20	21.60
10	QPSK	25	12	20.25	20.36	20.16	21.60
10	QPSK	25	25	20.22	20.38	20.19	21.60
10	QPSK	50	0	20.17	20.38	20.08	21.60
10	16QAM	1	0	20.31	20.34	20.12	21.60
10	16QAM	1	25	20.25	20.30	20.11	21.60
10	16QAM	1	49	20.16	20.38	20.09	21.60
10	16QAM	25	0	20.34	20.34	20.11	21.60
10	16QAM	25	12	20.35	20.38	20.11	21.60
10	16QAM	25	25	20.30	20.32	20.22	21.60
10	16QAM	50	0	20.26	20.41	20.12	21.60
10	64QAM	1	0	20.21	20.32	20.11	21.60
10	64QAM	1	25	20.19	20.46	20.19	21.60
10	64QAM	1	49	20.26	20.33	20.10	21.60
10	64QAM	25	0	19.79	19.98	19.78	21.10
10	64QAM	25	12	19.81	19.99	19.74	21.10
10	64QAM	25	25	19.81	19.97	19.94	21.10
10	64QAM	50	0	19.93	19.97	19.85	21.10
10	256QAM	1	0	17.84	17.86	17.81	19.10
10	256QAM	1	25	17.77	17.83	17.78	19.10
10	256QAM	1	49	17.74	17.96	17.87	19.10
10	256QAM	25	0	17.76	17.99	17.70	19.10
10	256QAM	25	12	17.88	17.89	17.82	19.10
10	256QAM	25	25	17.77	17.88	17.80	19.10
10	256QAM	50	0	17.79	17.87	17.73	19.10
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	20.54	20.58	20.31	21.60

5	QPSK	1	12	20.19	20.43	20.22	21.60
5	QPSK	1	24	20.31	20.34	20.23	21.60
5	QPSK	12	0	20.21	20.44	20.21	21.60
5	QPSK	12	7	20.30	20.29	20.07	21.60
5	QPSK	12	13	20.25	20.41	20.11	21.60
5	QPSK	25	0	20.20	20.33	20.12	21.60
5	16QAM	1	0	20.30	20.32	20.08	21.60
5	16QAM	1	12	20.33	20.30	20.17	21.60
5	16QAM	1	24	20.28	20.32	20.09	21.60
5	16QAM	12	0	20.24	20.38	20.14	21.60
5	16QAM	12	7	20.34	20.31	20.13	21.60
5	16QAM	12	13	20.35	20.30	20.26	21.60
5	16QAM	25	0	20.23	20.32	20.16	21.60
5	64QAM	1	0	20.23	20.41	20.13	21.60
5	64QAM	1	12	20.21	20.47	20.22	21.60
5	64QAM	1	24	20.18	20.35	20.13	21.60
5	64QAM	12	0	19.92	20.06	19.75	21.10
5	64QAM	12	7	19.88	19.96	19.81	21.10
5	64QAM	12	13	19.80	20.04	19.94	21.10
5	64QAM	25	0	19.88	19.96	19.78	21.10
5	256QAM	1	0	17.89	17.95	17.73	19.10
5	256QAM	1	12	17.79	17.90	17.73	19.10
5	256QAM	1	24	17.74	18.04	17.96	19.10
5	256QAM	12	0	17.82	17.93	17.69	19.10
5	256QAM	12	7	17.84	17.89	17.74	19.10
5	256QAM	12	13	17.81	17.84	17.83	19.10
5	256QAM	25	0	17.72	17.89	17.79	19.10

【LTE Band 7_Ant 4_Full Power-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	23.08	23.24	23.15	24.00
20	QPSK	1	49	22.85	23.09	22.92	24.00
20	QPSK	1	99	22.99	23.17	22.97	24.00
20	QPSK	50	0	22.03	22.21	21.97	23.00
20	QPSK	50	24	21.93	22.07	21.91	23.00
20	QPSK	50	50	22.00	22.14	21.95	23.00
20	QPSK	100	0	21.98	22.20	21.99	23.00
20	16QAM	1	0	21.93	22.15	22.02	23.00
20	16QAM	1	49	21.93	22.15	21.93	23.00
20	16QAM	1	99	22.00	22.15	22.01	23.00
20	16QAM	50	0	20.94	21.08	20.91	22.00
20	16QAM	50	24	20.94	21.09	20.86	22.00
20	16QAM	50	50	20.90	21.03	20.80	22.00
20	16QAM	100	0	20.92	21.19	20.98	22.00
20	64QAM	1	0	20.91	21.13	21.01	22.00
20	64QAM	1	49	20.89	21.05	20.82	22.00
20	64QAM	1	99	20.98	21.15	20.91	22.00
20	64QAM	50	0	20.03	20.10	19.95	21.00
20	64QAM	50	24	19.89	20.11	19.96	21.00
20	64QAM	50	50	19.97	20.11	19.96	21.00
20	64QAM	100	0	20.01	20.19	19.99	21.00
20	256QAM	1	0	17.95	18.08	17.98	19.00
20	256QAM	1	49	17.94	18.14	17.89	19.00
20	256QAM	1	99	17.91	18.14	17.89	19.00
20	256QAM	50	0	17.83	18.05	17.91	19.00
20	256QAM	50	24	18.00	18.09	17.97	19.00
20	256QAM	50	50	17.83	18.08	17.99	19.00
20	256QAM	100	0	17.94	18.02	17.80	19.00
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	23.06	23.19	23.05	24.00
15	QPSK	1	37	22.78	23.07	22.80	24.00
15	QPSK	1	74	22.95	23.14	22.88	24.00
15	QPSK	36	0	21.82	22.09	21.84	23.00
15	QPSK	36	20	21.87	21.95	21.80	23.00
15	QPSK	36	39	21.96	22.09	21.89	23.00
15	QPSK	75	0	21.97	22.16	21.92	23.00
15	16QAM	1	0	21.82	22.12	21.94	23.00
15	16QAM	1	37	21.85	22.13	21.79	23.00

15	16QAM	1	74	21.97	22.12	21.88	23.00
15	16QAM	36	0	20.81	21.04	20.86	22.00
15	16QAM	36	20	20.81	20.97	20.77	22.00
15	16QAM	36	39	20.82	20.89	20.72	22.00
15	16QAM	75	0	20.87	21.09	20.94	22.00
15	64QAM	1	0	20.80	21.08	20.99	22.00
15	64QAM	1	37	20.85	21.02	20.68	22.00
15	64QAM	1	74	20.84	21.06	20.77	22.00
15	64QAM	36	0	19.89	19.96	19.82	21.00
15	64QAM	36	20	19.83	19.97	19.88	21.00
15	64QAM	36	39	19.87	20.05	19.83	21.00
15	64QAM	75	0	19.90	20.04	19.91	21.00
15	256QAM	1	0	17.93	18.05	17.95	19.00
15	256QAM	1	37	17.82	18.11	17.86	19.00
15	256QAM	1	74	17.83	18.07	17.78	19.00
15	256QAM	36	0	17.72	17.99	17.81	19.00
15	256QAM	36	20	17.89	17.98	17.93	19.00
15	256QAM	36	39	17.69	18.05	17.91	19.00
15	256QAM	75	0	17.89	17.90	17.75	19.00
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	23.04	23.15	23.05	24.00
10	QPSK	1	25	22.74	22.99	22.89	24.00
10	QPSK	1	49	22.91	23.12	22.96	24.00
10	QPSK	25	0	21.83	22.14	21.90	23.00
10	QPSK	25	12	21.86	22.05	21.83	23.00
10	QPSK	25	25	21.92	22.11	21.82	23.00
10	QPSK	50	0	21.93	22.14	21.89	23.00
10	16QAM	1	0	21.88	22.08	21.96	23.00
10	16QAM	1	25	21.84	22.03	21.84	23.00
10	16QAM	1	49	21.86	22.13	21.89	23.00
10	16QAM	25	0	20.90	20.96	20.86	22.00
10	16QAM	25	12	20.92	21.07	20.77	22.00
10	16QAM	25	25	20.84	20.98	20.76	22.00
10	16QAM	50	0	20.83	21.05	20.85	22.00
10	64QAM	1	0	20.86	21.04	20.96	22.00
10	64QAM	1	25	20.81	20.92	20.74	22.00
10	64QAM	1	49	20.94	21.01	20.78	22.00
10	64QAM	25	0	19.98	20.02	19.86	21.00
10	64QAM	25	12	19.82	20.06	19.86	21.00
10	64QAM	25	25	19.83	20.07	19.85	21.00
10	64QAM	50	0	19.94	20.13	19.86	21.00
10	256QAM	1	0	17.88	18.02	17.87	19.00
10	256QAM	1	25	17.83	18.05	17.86	19.00
10	256QAM	1	49	17.84	18.08	17.85	19.00
10	256QAM	25	0	17.69	17.98	17.81	19.00
10	256QAM	25	12	17.85	17.97	17.90	19.00
10	256QAM	25	25	17.80	17.93	17.94	19.00
10	256QAM	50	0	17.85	17.93	17.69	19.00
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	23.06	23.10	23.13	24.00
5	QPSK	1	12	22.79	23.04	22.83	24.00
5	QPSK	1	24	22.97	23.07	22.96	24.00
5	QPSK	12	0	21.84	22.15	21.84	23.00
5	QPSK	12	7	21.79	21.96	21.88	23.00
5	QPSK	12	13	21.90	22.02	21.86	23.00
5	QPSK	25	0	21.92	22.14	21.90	23.00
5	16QAM	1	0	21.81	22.08	22.00	23.00
5	16QAM	1	12	21.86	22.03	21.91	23.00
5	16QAM	1	24	21.85	22.07	21.96	23.00
5	16QAM	12	0	20.93	21.07	20.79	22.00
5	16QAM	12	7	20.82	20.99	20.73	22.00
5	16QAM	12	13	20.79	20.90	20.65	22.00
5	16QAM	25	0	20.87	21.14	20.86	22.00
5	64QAM	1	0	20.89	21.09	20.89	22.00
5	64QAM	1	12	20.83	21.02	20.80	22.00
5	64QAM	1	24	20.86	21.14	20.82	22.00
5	64QAM	12	0	19.95	19.98	19.86	21.00
5	64QAM	12	7	19.80	20.08	19.90	21.00
5	64QAM	12	13	19.95	20.03	19.93	21.00
5	64QAM	25	0	20.00	20.13	19.91	21.00
5	256QAM	1	0	17.82	18.03	17.87	19.00
5	256QAM	1	12	17.84	18.03	17.85	19.00
5	256QAM	1	24	17.86	18.02	17.85	19.00
5	256QAM	12	0	17.75	17.98	17.83	19.00
5	256QAM	12	7	17.94	17.98	17.85	19.00
5	256QAM	12	13	17.70	17.98	17.90	19.00

5	256QAM	25	0	17.80	17.95	17.78	19.00
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【LTE Band 7_Ant 4_ECI 2-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	15.06	15.27	15.13	16.20
20	QPSK	1	49	14.95	15.20	14.98	16.20
20	QPSK	1	99	14.99	15.21	14.93	16.20
20	QPSK	50	0	15.05	15.24	15.00	16.20
20	QPSK	50	24	14.95	15.17	14.98	16.20
20	QPSK	50	50	15.02	15.15	14.98	16.20
20	QPSK	100	0	15.04	15.13	14.94	16.20
20	16QAM	1	0	15.03	15.18	14.93	16.20
20	16QAM	1	49	15.01	15.13	14.98	16.20
20	16QAM	1	99	14.98	15.17	15.00	16.20
20	16QAM	50	0	15.04	15.21	14.95	16.20
20	16QAM	50	24	14.97	15.15	14.99	16.20
20	16QAM	50	50	15.00	15.15	14.96	16.20
20	16QAM	100	0	14.98	15.17	14.98	16.20
20	64QAM	1	0	14.97	15.19	14.99	16.20
20	64QAM	1	49	14.99	15.20	14.98	16.20
20	64QAM	1	99	15.01	15.13	14.99	16.20
20	64QAM	50	0	15.00	15.20	14.95	16.20
20	64QAM	50	24	15.01	15.15	14.97	16.20
20	64QAM	50	50	14.96	15.17	14.99	16.20
20	64QAM	100	0	15.01	15.20	15.00	16.20
20	256QAM	1	0	15.00	15.20	14.94	16.20
20	256QAM	1	49	15.02	15.14	14.98	16.20
20	256QAM	1	99	15.03	15.21	14.94	16.20
20	256QAM	50	0	14.95	15.15	14.95	16.20
20	256QAM	50	24	15.04	15.19	14.95	16.20
20	256QAM	50	50	14.94	15.18	14.93	16.20
20	256QAM	100	0	14.96	15.21	14.97	16.20
Channel				20825	21100	21375	
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	15.00	15.23	15.12	16.20
15	QPSK	1	37	14.89	15.13	14.93	16.20
15	QPSK	1	74	14.84	15.06	14.88	16.20
15	QPSK	36	0	14.91	15.19	14.92	16.20
15	QPSK	36	20	14.92	15.14	14.88	16.20
15	QPSK	36	39	15.00	15.09	14.89	16.20
15	QPSK	75	0	14.93	15.06	14.91	16.20
15	16QAM	1	0	15.00	15.13	14.90	16.20
15	16QAM	1	37	14.94	15.01	14.95	16.20
15	16QAM	1	74	14.90	15.07	14.87	16.20
15	16QAM	36	0	14.93	15.14	14.83	16.20
15	16QAM	36	20	14.86	15.08	14.90	16.20
15	16QAM	36	39	14.87	15.03	14.92	16.20
15	16QAM	75	0	14.96	15.05	14.96	16.20
15	64QAM	1	0	14.90	15.14	14.89	16.20
15	64QAM	1	37	14.87	15.17	14.84	16.20
15	64QAM	1	74	14.98	15.03	14.93	16.20
15	64QAM	36	0	14.90	15.11	14.92	16.20
15	64QAM	36	20	14.89	15.07	14.86	16.20
15	64QAM	36	39	14.93	15.16	14.90	16.20
15	64QAM	75	0	14.90	15.13	14.86	16.20
15	256QAM	1	0	14.90	15.19	14.79	16.20
15	256QAM	1	37	14.89	14.99	14.93	16.20
15	256QAM	1	74	15.00	15.16	14.92	16.20
15	256QAM	36	0	14.80	15.07	14.92	16.20
15	256QAM	36	20	15.02	15.09	14.91	16.20
15	256QAM	36	39	14.89	15.14	14.83	16.20
15	256QAM	75	0	14.89	15.16	14.89	16.20
Channel				20800	21100	21400	
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	14.93	15.21	15.09	16.20
10	QPSK	1	25	14.83	15.08	14.84	16.20
10	QPSK	1	49	14.95	15.15	14.85	16.20
10	QPSK	25	0	14.97	15.22	14.89	16.20
10	QPSK	25	12	14.89	15.15	14.95	16.20

10	QPSK	25	25	14.94	15.09	14.93	16.20
10	QPSK	50	0	14.95	15.03	14.79	16.20
10	16QAM	1	0	14.97	15.08	14.83	16.20
10	16QAM	1	25	14.87	15.03	14.87	16.20
10	16QAM	1	49	14.84	15.14	14.88	16.20
10	16QAM	25	0	15.00	15.17	14.83	16.20
10	16QAM	25	12	14.91	15.04	14.98	16.20
10	16QAM	25	25	14.91	15.05	14.89	16.20
10	16QAM	50	0	14.87	15.10	14.91	16.20
10	64QAM	1	0	14.92	15.07	14.93	16.20
10	64QAM	1	25	14.92	15.08	14.95	16.20
10	64QAM	1	49	14.99	15.02	14.90	16.20
10	64QAM	25	0	14.87	15.08	14.82	16.20
10	64QAM	25	12	14.90	15.11	14.89	16.20
10	64QAM	25	25	14.82	15.12	14.94	16.20
10	64QAM	50	0	14.98	15.10	14.90	16.20
10	256QAM	1	0	14.88	15.18	14.85	16.20
10	256QAM	1	25	14.98	15.02	14.83	16.20
10	256QAM	1	49	14.88	15.19	14.82	16.20
10	256QAM	25	0	14.90	15.10	14.90	16.20
10	256QAM	25	12	14.97	15.08	14.84	16.20
10	256QAM	25	25	14.80	15.15	14.81	16.20
10	256QAM	50	0	14.94	15.07	14.87	16.20
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	14.98	15.22	15.10	16.20
5	QPSK	1	12	14.85	15.17	14.85	16.20
5	QPSK	1	24	14.91	15.16	14.82	16.20
5	QPSK	12	0	14.95	15.22	14.94	16.20
5	QPSK	12	7	14.85	15.05	14.87	16.20
5	QPSK	12	13	14.91	15.07	14.95	16.20
5	QPSK	25	0	14.96	14.99	14.83	16.20
5	16QAM	1	0	15.00	15.14	14.80	16.20
5	16QAM	1	12	14.94	14.98	14.89	16.20
5	16QAM	1	24	14.96	15.04	14.94	16.20
5	16QAM	12	0	14.93	15.15	14.93	16.20
5	16QAM	12	7	14.95	15.08	14.85	16.20
5	16QAM	12	13	14.87	15.07	14.89	16.20
5	16QAM	25	0	14.93	15.02	14.89	16.20
5	64QAM	1	0	14.89	15.11	14.86	16.20
5	64QAM	1	12	14.90	15.06	14.85	16.20
5	64QAM	1	24	14.93	15.07	14.87	16.20
5	64QAM	12	0	14.97	15.08	14.86	16.20
5	64QAM	12	7	14.89	15.12	14.84	16.20
5	64QAM	12	13	14.87	15.13	14.92	16.20
5	64QAM	25	0	14.94	15.07	14.87	16.20
5	256QAM	1	0	14.96	15.07	14.83	16.20
5	256QAM	1	12	14.87	15.10	14.95	16.20
5	256QAM	1	24	14.94	15.17	14.89	16.20
5	256QAM	12	0	14.85	15.03	14.88	16.20
5	256QAM	12	7	15.02	15.16	14.80	16.20
5	256QAM	12	13	14.81	15.09	14.84	16.20
5	256QAM	25	0	14.93	15.14	14.88	16.20

【LTE Band 7_Ant 4_ECI 3-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	17.09	17.26	17.11	18.70
20	QPSK	1	49	16.96	17.14	16.96	18.70
20	QPSK	1	99	17.04	17.21	16.96	18.70
20	QPSK	50	0	17.02	17.22	17.03	18.70
20	QPSK	50	24	16.96	17.17	16.99	18.70
20	QPSK	50	50	16.99	17.19	17.01	18.70
20	QPSK	100	0	16.99	17.21	16.97	18.70
20	16QAM	1	0	16.96	17.21	16.94	18.70
20	16QAM	1	49	17.03	17.20	16.97	18.70
20	16QAM	1	99	16.94	17.22	16.95	18.70
20	16QAM	50	0	17.02	17.14	17.01	18.70
20	16QAM	50	24	17.00	17.18	17.00	18.70
20	16QAM	50	50	16.97	17.21	16.99	18.70

20	16QAM	100	0	16.97	17.15	16.98	18.70
20	64QAM	1	0	16.94	17.17	16.95	18.70
20	64QAM	1	49	17.02	17.19	17.00	18.70
20	64QAM	1	99	16.95	17.21	16.95	18.70
20	64QAM	50	0	16.98	17.17	16.94	18.70
20	64QAM	50	24	16.97	17.20	16.97	18.70
20	64QAM	50	50	17.04	17.18	16.97	18.70
20	64QAM	100	0	17.01	17.21	17.00	18.70
20	256QAM	1	0	16.96	17.14	16.94	18.70
20	256QAM	1	49	16.97	17.19	16.93	18.70
20	256QAM	1	99	16.97	17.14	16.99	18.70
20	256QAM	50	0	17.02	17.13	16.94	18.70
20	256QAM	50	24	16.97	17.17	16.94	18.70
20	256QAM	50	50	16.96	17.15	16.96	18.70
20	256QAM	100	0	16.95	17.20	16.96	18.70
Channel				20825	21100	21375	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	16.95	17.22	17.10	18.70
15	QPSK	1	37	16.86	17.06	16.94	18.70
15	QPSK	1	74	17.01	17.19	16.89	18.70
15	QPSK	36	0	16.91	17.07	16.89	18.70
15	QPSK	36	20	16.87	17.03	16.86	18.70
15	QPSK	36	39	16.90	17.13	16.87	18.70
15	QPSK	75	0	16.85	17.17	16.84	18.70
15	16QAM	1	0	16.86	17.15	16.80	18.70
15	16QAM	1	37	16.89	17.18	16.90	18.70
15	16QAM	1	74	16.84	17.15	16.94	18.70
15	16QAM	36	0	17.00	17.08	16.93	18.70
15	16QAM	36	20	16.90	17.16	16.86	18.70
15	16QAM	36	39	16.85	17.19	16.96	18.70
15	16QAM	75	0	16.92	17.08	16.84	18.70
15	64QAM	1	0	16.92	17.13	16.80	18.70
15	64QAM	1	37	16.93	17.14	16.98	18.70
15	64QAM	1	74	16.90	17.15	16.90	18.70
15	64QAM	36	0	16.95	17.04	16.87	18.70
15	64QAM	36	20	16.86	17.10	16.93	18.70
15	64QAM	36	39	17.02	17.11	16.91	18.70
15	64QAM	75	0	16.91	17.19	16.87	18.70
15	256QAM	1	0	16.94	17.01	16.84	18.70
15	256QAM	1	37	16.86	17.13	16.81	18.70
15	256QAM	1	74	16.95	17.03	16.85	18.70
15	256QAM	36	0	16.97	17.08	16.84	18.70
15	256QAM	36	20	16.92	17.13	16.89	18.70
15	256QAM	36	39	16.85	17.10	16.91	18.70
15	256QAM	75	0	16.85	17.12	16.90	18.70
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	17.01	17.23	17.10	18.70
10	QPSK	1	25	16.94	17.13	16.81	18.70
10	QPSK	1	49	16.91	17.15	16.91	18.70
10	QPSK	25	0	16.93	17.11	17.01	18.70
10	QPSK	25	12	16.92	17.06	16.85	18.70
10	QPSK	25	25	16.96	17.05	16.94	18.70
10	QPSK	50	0	16.85	17.13	16.95	18.70
10	16QAM	1	0	16.91	17.13	16.87	18.70
10	16QAM	1	25	16.98	17.12	16.82	18.70
10	16QAM	1	49	16.82	17.15	16.84	18.70
10	16QAM	25	0	16.96	17.08	16.96	18.70
10	16QAM	25	12	16.86	17.11	16.91	18.70
10	16QAM	25	25	16.85	17.12	16.88	18.70
10	16QAM	50	0	16.90	17.11	16.93	18.70
10	64QAM	1	0	16.81	17.11	16.88	18.70
10	64QAM	1	25	17.00	17.12	16.92	18.70
10	64QAM	1	49	16.85	17.17	16.84	18.70
10	64QAM	25	0	16.84	17.10	16.82	18.70
10	64QAM	25	12	16.85	17.17	16.90	18.70
10	64QAM	25	25	17.01	17.03	16.85	18.70
10	64QAM	50	0	16.86	17.17	16.86	18.70
10	256QAM	1	0	16.94	17.11	16.85	18.70
10	256QAM	1	25	16.90	17.07	16.78	18.70
10	256QAM	1	49	16.95	17.07	16.87	18.70
10	256QAM	25	0	17.00	17.09	16.87	18.70
10	256QAM	25	12	16.83	17.13	16.80	18.70
10	256QAM	25	25	16.81	17.04	16.89	18.70
10	256QAM	50	0	16.92	17.15	16.88	18.70
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	17.08	17.17	17.09	18.70

5	QPSK	1	12	16.87	17.10	16.82	18.70
5	QPSK	1	24	17.02	17.17	16.92	18.70
5	QPSK	12	0	16.90	17.11	16.97	18.70
5	QPSK	12	7	16.87	17.05	16.85	18.70
5	QPSK	12	13	16.85	17.11	16.93	18.70
5	QPSK	25	0	16.96	17.12	16.85	18.70
5	16QAM	1	0	16.90	17.17	16.86	18.70
5	16QAM	1	12	17.01	17.17	16.96	18.70
5	16QAM	1	24	16.87	17.16	16.90	18.70
5	16QAM	12	0	16.98	17.03	16.99	18.70
5	16QAM	12	7	16.97	17.07	16.96	18.70
5	16QAM	12	13	16.92	17.16	16.91	18.70
5	16QAM	25	0	16.92	17.02	16.87	18.70
5	64QAM	1	0	16.80	17.10	16.82	18.70
5	64QAM	1	12	17.00	17.17	16.87	18.70
5	64QAM	1	24	16.90	17.07	16.92	18.70
5	64QAM	12	0	16.84	17.13	16.82	18.70
5	64QAM	12	7	16.85	17.16	16.83	18.70
5	64QAM	12	13	16.93	17.06	16.86	18.70
5	64QAM	25	0	16.91	17.17	16.86	18.70
5	256QAM	1	0	16.93	17.07	16.93	18.70
5	256QAM	1	12	16.91	17.10	16.87	18.70
5	256QAM	1	24	16.84	17.04	16.92	18.70
5	256QAM	12	0	16.89	17.03	16.93	18.70
5	256QAM	12	7	16.91	17.04	16.87	18.70
5	256QAM	12	13	16.87	17.05	16.93	18.70
5	256QAM	25	0	16.90	17.10	16.89	18.70

【LTE Band 7_Ant 4_ECI 4-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	23.08	23.24	23.15	24.00
20	QPSK	1	49	22.85	23.09	22.92	24.00
20	QPSK	1	99	22.99	23.17	22.97	24.00
20	QPSK	50	0	22.03	22.21	21.97	23.00
20	QPSK	50	24	21.93	22.07	21.91	23.00
20	QPSK	50	50	22.00	22.14	21.95	23.00
20	QPSK	100	0	21.98	22.20	21.99	23.00
20	16QAM	1	0	21.93	22.15	22.02	23.00
20	16QAM	1	49	21.93	22.15	21.93	23.00
20	16QAM	1	99	22.00	22.15	22.01	23.00
20	16QAM	50	0	20.94	21.08	20.91	22.00
20	16QAM	50	24	20.94	21.09	20.86	22.00
20	16QAM	50	50	20.90	21.03	20.80	22.00
20	16QAM	100	0	20.92	21.19	20.98	22.00
20	64QAM	1	0	20.91	21.13	21.01	22.00
20	64QAM	1	49	20.89	21.05	20.82	22.00
20	64QAM	1	99	20.98	21.15	20.91	22.00
20	64QAM	50	0	20.03	20.10	19.95	21.00
20	64QAM	50	24	19.89	20.11	19.96	21.00
20	64QAM	50	50	19.97	20.11	19.96	21.00
20	64QAM	100	0	20.01	20.19	19.99	21.00
20	256QAM	1	0	17.95	18.08	17.98	19.00
20	256QAM	1	49	17.94	18.14	17.89	19.00
20	256QAM	1	99	17.91	18.14	17.89	19.00
20	256QAM	50	0	17.83	18.05	17.91	19.00
20	256QAM	50	24	18.00	18.09	17.97	19.00
20	256QAM	50	50	17.83	18.08	17.99	19.00
20	256QAM	100	0	17.94	18.02	17.80	19.00
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	23.06	23.19	23.05	24.00
15	QPSK	1	37	22.78	23.07	22.80	24.00
15	QPSK	1	74	22.95	23.14	22.88	24.00
15	QPSK	36	0	21.82	22.09	21.84	23.00
15	QPSK	36	20	21.87	21.95	21.80	23.00
15	QPSK	36	39	21.96	22.09	21.89	23.00
15	QPSK	75	0	21.97	22.16	21.92	23.00
15	16QAM	1	0	21.82	22.12	21.94	23.00
15	16QAM	1	37	21.85	22.13	21.79	23.00

15	16QAM	1	74	21.97	22.12	21.88	23.00
15	16QAM	36	0	20.81	21.04	20.86	22.00
15	16QAM	36	20	20.81	20.97	20.77	22.00
15	16QAM	36	39	20.82	20.89	20.72	22.00
15	16QAM	75	0	20.87	21.09	20.94	22.00
15	64QAM	1	0	20.80	21.08	20.99	22.00
15	64QAM	1	37	20.85	21.02	20.68	22.00
15	64QAM	1	74	20.84	21.06	20.77	22.00
15	64QAM	36	0	19.89	19.96	19.82	21.00
15	64QAM	36	20	19.83	19.97	19.88	21.00
15	64QAM	36	39	19.87	20.05	19.83	21.00
15	64QAM	75	0	19.90	20.04	19.91	21.00
15	256QAM	1	0	17.93	18.05	17.95	19.00
15	256QAM	1	37	17.82	18.11	17.86	19.00
15	256QAM	1	74	17.83	18.07	17.78	19.00
15	256QAM	36	0	17.72	17.99	17.81	19.00
15	256QAM	36	20	17.89	17.98	17.93	19.00
15	256QAM	36	39	17.69	18.05	17.91	19.00
15	256QAM	75	0	17.89	17.90	17.75	19.00
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	23.04	23.15	23.05	24.00
10	QPSK	1	25	22.74	22.99	22.89	24.00
10	QPSK	1	49	22.91	23.12	22.96	24.00
10	QPSK	25	0	21.83	22.14	21.90	23.00
10	QPSK	25	12	21.86	22.05	21.83	23.00
10	QPSK	25	25	21.92	22.11	21.82	23.00
10	QPSK	50	0	21.93	22.14	21.89	23.00
10	16QAM	1	0	21.88	22.08	21.96	23.00
10	16QAM	1	25	21.84	22.03	21.84	23.00
10	16QAM	1	49	21.86	22.13	21.89	23.00
10	16QAM	25	0	20.90	20.96	20.86	22.00
10	16QAM	25	12	20.92	21.07	20.77	22.00
10	16QAM	25	25	20.84	20.98	20.76	22.00
10	16QAM	50	0	20.83	21.05	20.85	22.00
10	64QAM	1	0	20.86	21.04	20.96	22.00
10	64QAM	1	25	20.81	20.92	20.74	22.00
10	64QAM	1	49	20.94	21.01	20.78	22.00
10	64QAM	25	0	19.98	20.02	19.86	21.00
10	64QAM	25	12	19.82	20.06	19.86	21.00
10	64QAM	25	25	19.83	20.07	19.85	21.00
10	64QAM	50	0	19.94	20.13	19.86	21.00
10	256QAM	1	0	17.88	18.02	17.87	19.00
10	256QAM	1	25	17.83	18.05	17.86	19.00
10	256QAM	1	49	17.84	18.08	17.85	19.00
10	256QAM	25	0	17.69	17.98	17.81	19.00
10	256QAM	25	12	17.85	17.97	17.90	19.00
10	256QAM	25	25	17.80	17.93	17.94	19.00
10	256QAM	50	0	17.85	17.93	17.69	19.00
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	23.06	23.10	23.13	24.00
5	QPSK	1	12	22.79	23.04	22.83	24.00
5	QPSK	1	24	22.97	23.07	22.96	24.00
5	QPSK	12	0	21.84	22.15	21.84	23.00
5	QPSK	12	7	21.79	21.96	21.88	23.00
5	QPSK	12	13	21.90	22.02	21.86	23.00
5	QPSK	25	0	21.92	22.14	21.90	23.00
5	16QAM	1	0	21.81	22.08	22.00	23.00
5	16QAM	1	12	21.86	22.03	21.91	23.00
5	16QAM	1	24	21.85	22.07	21.96	23.00
5	16QAM	12	0	20.93	21.07	20.79	22.00
5	16QAM	12	7	20.82	20.99	20.73	22.00
5	16QAM	12	13	20.79	20.90	20.65	22.00
5	16QAM	25	0	20.87	21.14	20.86	22.00
5	64QAM	1	0	20.89	21.09	20.89	22.00
5	64QAM	1	12	20.83	21.02	20.80	22.00
5	64QAM	1	24	20.86	21.14	20.82	22.00
5	64QAM	12	0	19.95	19.98	19.86	21.00
5	64QAM	12	7	19.80	20.08	19.90	21.00
5	64QAM	12	13	19.95	20.03	19.93	21.00
5	64QAM	25	0	20.00	20.13	19.91	21.00
5	256QAM	1	0	17.82	18.03	17.87	19.00
5	256QAM	1	12	17.84	18.03	17.85	19.00
5	256QAM	1	24	17.86	18.02	17.85	19.00
5	256QAM	12	0	17.75	17.98	17.83	19.00
5	256QAM	12	7	17.94	17.98	17.85	19.00
5	256QAM	12	13	17.70	17.98	17.90	19.00

5	256QAM	25	0	17.80	17.95	17.78	19.00
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【LTE Band 7_Ant 4_ECI 6-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	22.55	22.79	22.65	23.50
20	QPSK	1	49	22.49	22.69	22.48	23.50
20	QPSK	1	99	22.53	22.64	22.46	23.50
20	QPSK	50	0	22.03	22.21	21.97	23.00
20	QPSK	50	24	21.93	22.07	21.91	23.00
20	QPSK	50	50	22.00	22.14	21.95	23.00
20	QPSK	100	0	21.98	22.20	21.99	23.00
20	16QAM	1	0	21.93	22.15	22.02	23.00
20	16QAM	1	49	21.93	22.15	21.93	23.00
20	16QAM	1	99	22.00	22.15	22.01	23.00
20	16QAM	50	0	20.94	21.08	20.91	22.00
20	16QAM	50	24	20.94	21.09	20.86	22.00
20	16QAM	50	50	20.90	21.03	20.80	22.00
20	16QAM	100	0	20.92	21.19	20.98	22.00
20	64QAM	1	0	20.91	21.13	21.01	22.00
20	64QAM	1	49	20.89	21.05	20.82	22.00
20	64QAM	1	99	20.98	21.15	20.91	22.00
20	64QAM	50	0	20.03	20.10	19.95	21.00
20	64QAM	50	24	19.89	20.11	19.96	21.00
20	64QAM	50	50	19.97	20.11	19.96	21.00
20	64QAM	100	0	20.01	20.19	19.99	21.00
20	256QAM	1	0	17.95	18.08	17.98	19.00
20	256QAM	1	49	17.94	18.14	17.89	19.00
20	256QAM	1	99	17.91	18.14	17.89	19.00
20	256QAM	50	0	17.83	18.05	17.91	19.00
20	256QAM	50	24	18.00	18.09	17.97	19.00
20	256QAM	50	50	17.83	18.08	17.99	19.00
20	256QAM	100	0	17.94	18.02	17.80	19.00
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	22.46	22.76	22.50	23.50
15	QPSK	1	37	22.40	22.66	22.41	23.50
15	QPSK	1	74	22.38	22.52	22.38	23.50
15	QPSK	36	0	21.95	22.08	21.86	23.00
15	QPSK	36	20	21.88	21.93	21.85	23.00
15	QPSK	36	39	21.93	22.01	21.91	23.00
15	QPSK	75	0	21.85	22.15	21.96	23.00
15	16QAM	1	0	21.83	22.07	21.91	23.00
15	16QAM	1	37	21.87	22.09	21.92	23.00
15	16QAM	1	74	21.95	22.11	21.98	23.00
15	16QAM	36	0	20.83	21.04	20.87	22.00
15	16QAM	36	20	20.87	20.98	20.72	22.00
15	16QAM	36	39	20.83	20.96	20.67	22.00
15	16QAM	75	0	20.80	21.12	20.96	22.00
15	64QAM	1	0	20.83	21.01	20.98	22.00
15	64QAM	1	37	20.88	21.01	20.68	22.00
15	64QAM	1	74	20.85	21.12	20.86	22.00
15	64QAM	36	0	19.95	19.99	19.94	21.00
15	64QAM	36	20	19.82	20.07	19.87	21.00
15	64QAM	36	39	19.86	20.09	19.92	21.00
15	64QAM	75	0	19.91	20.13	19.95	21.00
15	256QAM	1	0	17.85	17.96	17.91	19.00
15	256QAM	1	37	17.83	18.07	17.76	19.00
15	256QAM	1	74	17.77	18.02	17.77	19.00
15	256QAM	36	0	17.73	17.96	17.80	19.00
15	256QAM	36	20	17.87	18.00	17.94	19.00
15	256QAM	36	39	17.69	18.02	17.96	19.00
15	256QAM	75	0	17.86	17.93	17.67	19.00
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	22.44	22.78	22.60	23.50
10	QPSK	1	25	22.44	22.59	22.36	23.50
10	QPSK	1	49	22.48	22.50	22.39	23.50
10	QPSK	25	0	21.95	22.20	21.93	23.00
10	QPSK	25	12	21.81	22.01	21.77	23.00

10	QPSK	25	25	21.95	22.03	21.86	23.00
10	QPSK	50	0	21.90	22.14	21.84	23.00
10	16QAM	1	0	21.79	22.02	22.00	23.00
10	16QAM	1	25	21.82	22.00	21.80	23.00
10	16QAM	1	49	21.86	22.05	21.89	23.00
10	16QAM	25	0	20.87	20.94	20.80	22.00
10	16QAM	25	12	20.89	21.03	20.82	22.00
10	16QAM	25	25	20.85	20.89	20.72	22.00
10	16QAM	50	0	20.88	21.10	20.84	22.00
10	64QAM	1	0	20.80	21.09	20.93	22.00
10	64QAM	1	25	20.76	21.02	20.79	22.00
10	64QAM	1	49	20.93	21.10	20.85	22.00
10	64QAM	25	0	19.88	20.00	19.83	21.00
10	64QAM	25	12	19.81	20.10	19.88	21.00
10	64QAM	25	25	19.96	20.08	19.83	21.00
10	64QAM	50	0	19.90	20.09	19.93	21.00
10	256QAM	1	0	17.90	17.94	17.91	19.00
10	256QAM	1	25	17.80	18.01	17.75	19.00
10	256QAM	1	49	17.87	18.06	17.77	19.00
10	256QAM	25	0	17.72	17.93	17.87	19.00
10	256QAM	25	12	17.95	18.07	17.87	19.00
10	256QAM	25	25	17.71	18.05	17.88	19.00
10	256QAM	50	0	17.84	17.90	17.78	19.00
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	22.51	22.72	22.56	23.50
5	QPSK	1	12	22.35	22.61	22.41	23.50
5	QPSK	1	24	22.51	22.50	22.36	23.50
5	QPSK	12	0	21.99	22.10	21.93	23.00
5	QPSK	12	7	21.89	22.03	21.79	23.00
5	QPSK	12	13	21.90	22.01	21.84	23.00
5	QPSK	25	0	21.89	22.07	21.97	23.00
5	16QAM	1	0	21.79	22.11	21.87	23.00
5	16QAM	1	12	21.88	22.05	21.81	23.00
5	16QAM	1	24	21.86	22.08	21.88	23.00
5	16QAM	12	0	20.81	20.98	20.84	22.00
5	16QAM	12	7	20.86	21.03	20.71	22.00
5	16QAM	12	13	20.82	21.01	20.72	22.00
5	16QAM	25	0	20.80	21.09	20.90	22.00
5	64QAM	1	0	20.83	21.01	20.91	22.00
5	64QAM	1	12	20.77	20.94	20.78	22.00
5	64QAM	1	24	20.86	21.11	20.82	22.00
5	64QAM	12	0	20.00	20.02	19.89	21.00
5	64QAM	12	7	19.78	19.97	19.81	21.00
5	64QAM	12	13	19.83	19.97	19.91	21.00
5	64QAM	25	0	19.93	20.07	19.91	21.00
5	256QAM	1	0	17.92	18.04	17.84	19.00
5	256QAM	1	12	17.82	18.09	17.80	19.00
5	256QAM	1	24	17.89	18.03	17.87	19.00
5	256QAM	12	0	17.82	18.02	17.85	19.00
5	256QAM	12	7	17.88	18.06	17.95	19.00
5	256QAM	12	13	17.71	17.96	17.94	19.00
5	256QAM	25	0	17.91	17.98	17.71	19.00

【LTE Band 7_Ant 4_ECI 7-1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	15.59	15.76	15.69	16.90
20	QPSK	1	49	15.49	15.71	15.48	16.90
20	QPSK	1	99	15.48	15.67	15.42	16.90
20	QPSK	50	0	15.56	15.75	15.48	16.90
20	QPSK	50	24	15.45	15.66	15.42	16.90
20	QPSK	50	50	15.54	15.70	15.44	16.90
20	QPSK	100	0	15.54	15.66	15.43	16.90
20	16QAM	1	0	15.48	15.63	15.50	16.90
20	16QAM	1	49	15.47	15.66	15.47	16.90
20	16QAM	1	99	15.51	15.68	15.46	16.90
20	16QAM	50	0	15.45	15.70	15.43	16.90
20	16QAM	50	24	15.45	15.71	15.44	16.90
20	16QAM	50	50	15.45	15.64	15.45	16.90

20	16QAM	100	0	15.51	15.70	15.51	16.90
20	64QAM	1	0	15.46	15.71	15.46	16.90
20	64QAM	1	49	15.49	15.70	15.49	16.90
20	64QAM	1	99	15.45	15.68	15.47	16.90
20	64QAM	50	0	15.46	15.70	15.47	16.90
20	64QAM	50	24	15.49	15.65	15.50	16.90
20	64QAM	50	50	15.52	15.65	15.47	16.90
20	64QAM	100	0	15.51	15.70	15.42	16.90
20	256QAM	1	0	15.53	15.68	15.44	16.90
20	256QAM	1	49	15.44	15.62	15.50	16.90
20	256QAM	1	99	15.46	15.69	15.42	16.90
20	256QAM	50	0	15.53	15.70	15.43	16.90
20	256QAM	50	24	15.47	15.70	15.43	16.90
20	256QAM	50	50	15.47	15.69	15.42	16.90
20	256QAM	100	0	15.49	15.65	15.50	16.90
Channel				20825	21100	21375	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	15.49	15.64	15.55	16.90
15	QPSK	1	37	15.42	15.58	15.47	16.90
15	QPSK	1	74	15.40	15.64	15.28	16.90
15	QPSK	36	0	15.45	15.69	15.44	16.90
15	QPSK	36	20	15.42	15.64	15.38	16.90
15	QPSK	36	39	15.50	15.63	15.37	16.90
15	QPSK	75	0	15.44	15.62	15.28	16.90
15	16QAM	1	0	15.34	15.49	15.38	16.90
15	16QAM	1	37	15.42	15.64	15.39	16.90
15	16QAM	1	74	15.49	15.58	15.37	16.90
15	16QAM	36	0	15.34	15.68	15.39	16.90
15	16QAM	36	20	15.35	15.57	15.41	16.90
15	16QAM	36	39	15.41	15.56	15.33	16.90
15	16QAM	75	0	15.47	15.63	15.39	16.90
15	64QAM	1	0	15.44	15.63	15.44	16.90
15	64QAM	1	37	15.34	15.63	15.36	16.90
15	64QAM	1	74	15.37	15.54	15.34	16.90
15	64QAM	36	0	15.40	15.62	15.35	16.90
15	64QAM	36	20	15.43	15.64	15.35	16.90
15	64QAM	36	39	15.44	15.54	15.33	16.90
15	64QAM	75	0	15.42	15.65	15.40	16.90
15	256QAM	1	0	15.49	15.65	15.41	16.90
15	256QAM	1	37	15.42	15.58	15.36	16.90
15	256QAM	1	74	15.38	15.57	15.34	16.90
15	256QAM	36	0	15.48	15.66	15.38	16.90
15	256QAM	36	20	15.35	15.56	15.32	16.90
15	256QAM	36	39	15.39	15.62	15.33	16.90
15	256QAM	75	0	15.47	15.53	15.45	16.90
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	15.44	15.67	15.60	16.90
10	QPSK	1	25	15.42	15.65	15.46	16.90
10	QPSK	1	49	15.40	15.61	15.38	16.90
10	QPSK	25	0	15.49	15.62	15.38	16.90
10	QPSK	25	12	15.37	15.54	15.31	16.90
10	QPSK	25	25	15.47	15.63	15.32	16.90
10	QPSK	50	0	15.53	15.55	15.30	16.90
10	16QAM	1	0	15.44	15.61	15.45	16.90
10	16QAM	1	25	15.45	15.60	15.37	16.90
10	16QAM	1	49	15.46	15.53	15.34	16.90
10	16QAM	25	0	15.39	15.55	15.31	16.90
10	16QAM	25	12	15.34	15.64	15.34	16.90
10	16QAM	25	25	15.36	15.49	15.37	16.90
10	16QAM	50	0	15.46	15.58	15.37	16.90
10	64QAM	1	0	15.32	15.57	15.45	16.90
10	64QAM	1	25	15.38	15.56	15.46	16.90
10	64QAM	1	49	15.33	15.59	15.40	16.90
10	64QAM	25	0	15.45	15.64	15.45	16.90
10	64QAM	25	12	15.38	15.57	15.43	16.90
10	64QAM	25	25	15.46	15.62	15.44	16.90
10	64QAM	50	0	15.39	15.57	15.41	16.90
10	256QAM	1	0	15.42	15.57	15.30	16.90
10	256QAM	1	25	15.32	15.57	15.38	16.90
10	256QAM	1	49	15.41	15.62	15.34	16.90
10	256QAM	25	0	15.48	15.62	15.30	16.90
10	256QAM	25	12	15.42	15.57	15.30	16.90
10	256QAM	25	25	15.39	15.64	15.28	16.90
10	256QAM	50	0	15.43	15.59	15.43	16.90
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	15.56	15.66	15.61	16.90

5	QPSK	1	12	15.40	15.66	15.35	16.90
5	QPSK	1	24	15.40	15.54	15.39	16.90
5	QPSK	12	0	15.45	15.71	15.45	16.90
5	QPSK	12	7	15.37	15.52	15.33	16.90
5	QPSK	12	13	15.46	15.64	15.41	16.90
5	QPSK	25	0	15.51	15.59	15.33	16.90
5	16QAM	1	0	15.38	15.60	15.41	16.90
5	16QAM	1	12	15.37	15.58	15.40	16.90
5	16QAM	1	24	15.37	15.55	15.34	16.90
5	16QAM	12	0	15.39	15.63	15.33	16.90
5	16QAM	12	7	15.32	15.65	15.37	16.90
5	16QAM	12	13	15.32	15.53	15.32	16.90
5	16QAM	25	0	15.47	15.63	15.38	16.90
5	64QAM	1	0	15.36	15.70	15.42	16.90
5	64QAM	1	12	15.39	15.60	15.44	16.90
5	64QAM	1	24	15.38	15.63	15.40	16.90
5	64QAM	12	0	15.43	15.61	15.34	16.90
5	64QAM	12	7	15.41	15.53	15.46	16.90
5	64QAM	12	13	15.40	15.64	15.45	16.90
5	64QAM	25	0	15.41	15.60	15.31	16.90
5	256QAM	1	0	15.44	15.66	15.42	16.90
5	256QAM	1	12	15.39	15.57	15.43	16.90
5	256QAM	1	24	15.40	15.54	15.38	16.90
5	256QAM	12	0	15.43	15.67	15.39	16.90
5	256QAM	12	7	15.41	15.64	15.35	16.90
5	256QAM	12	13	15.40	15.62	15.39	16.90
5	256QAM	25	0	15.44	15.62	15.47	16.90

【LTE Band 12_Ant 0_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23060	23095	23130	24.00
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	22.57	22.66	22.29	24.00
10	QPSK	1	25	22.31	22.54	22.03	24.00
10	QPSK	1	49	22.32	22.51	22.06	24.00
10	QPSK	25	0	21.41	21.58	21.22	23.00
10	QPSK	25	12	21.28	21.44	21.08	23.00
10	QPSK	25	25	21.35	21.54	21.17	23.00
10	QPSK	50	0	21.24	21.46	21.01	23.00
10	16QAM	1	0	21.71	21.92	21.54	23.00
10	16QAM	1	25	21.68	21.81	21.35	23.00
10	16QAM	1	49	21.75	21.88	21.39	23.00
10	16QAM	25	0	20.28	20.46	20.05	22.00
10	16QAM	25	12	20.24	20.41	20.01	22.00
10	16QAM	25	25	20.43	20.53	20.18	22.00
10	16QAM	50	0	20.25	20.44	20.02	22.00
10	64QAM	1	0	20.62	20.75	20.29	22.00
10	64QAM	1	25	20.56	20.73	20.28	22.00
10	64QAM	1	49	20.57	20.73	20.34	22.00
10	64QAM	25	0	19.33	19.46	19.09	21.00
10	64QAM	25	12	19.30	19.45	19.00	21.00
10	64QAM	25	25	19.39	19.50	19.15	21.00
10	64QAM	50	0	19.34	19.48	19.14	21.00
10	256QAM	1	0	17.58	17.72	17.39	19.00
10	256QAM	1	25	17.50	17.65	17.32	19.00
10	256QAM	1	49	17.57	17.67	17.26	19.00
10	256QAM	25	0	17.33	17.51	17.19	19.00
10	256QAM	25	12	17.30	17.42	17.00	19.00
10	256QAM	25	25	17.32	17.51	17.16	19.00
10	256QAM	50	0	17.36	17.49	17.09	19.00
Channel				23035	23095	23115	24.00
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	22.55	22.64	22.25	24.00
5	QPSK	1	12	22.27	22.40	22.02	24.00
5	QPSK	1	24	22.23	22.42	22.01	24.00
5	QPSK	12	0	21.29	21.52	21.08	23.00
5	QPSK	12	7	21.20	21.31	21.00	23.00
5	QPSK	12	13	21.32	21.48	21.09	23.00
5	QPSK	25	0	21.15	21.35	21.00	23.00
5	16QAM	1	0	21.59	21.87	21.45	23.00
5	16QAM	1	12	21.56	21.72	21.30	23.00

5	16QAM	1	24	21.67	21.83	21.29	23.00
5	16QAM	12	0	20.26	20.42	20.00	22.00
5	16QAM	12	7	20.21	20.38	20.00	22.00
5	16QAM	12	13	20.40	20.39	20.16	22.00
5	16QAM	25	0	20.19	20.37	20.01	22.00
5	64QAM	1	0	20.55	20.71	20.25	22.00
5	64QAM	1	12	20.46	20.66	20.27	22.00
5	64QAM	1	24	20.47	20.63	20.25	22.00
5	64QAM	12	0	19.27	19.36	19.04	21.00
5	64QAM	12	7	19.20	19.43	19.00	21.00
5	64QAM	12	13	19.35	19.41	19.03	21.00
5	64QAM	25	0	19.25	19.35	19.08	21.00
5	256QAM	1	0	17.57	17.58	17.32	19.00
5	256QAM	1	12	17.41	17.57	17.23	19.00
5	256QAM	1	24	17.42	17.55	17.19	19.00
5	256QAM	12	0	17.22	17.47	17.13	19.00
5	256QAM	12	7	17.25	17.31	17.00	19.00
5	256QAM	12	13	17.22	17.49	17.04	19.00
5	256QAM	25	0	17.34	17.47	17.01	19.00
Channel				23025	23095	23165	Tune-up limit
Frequency (MHz)				700.5	707.5	714.5	(dBm)
3	QPSK	1	0	22.53	22.59	22.19	24.00
3	QPSK	1	8	22.26	22.47	22.01	24.00
3	QPSK	1	14	22.20	22.40	22.02	24.00
3	QPSK	8	0	21.35	21.50	21.15	23.00
3	QPSK	8	4	21.14	21.33	21.00	23.00
3	QPSK	8	7	21.27	21.47	21.08	23.00
3	QPSK	15	0	21.11	21.39	21.01	23.00
3	16QAM	1	0	21.59	21.83	21.40	23.00
3	16QAM	1	8	21.60	21.74	21.22	23.00
3	16QAM	1	14	21.67	21.73	21.31	23.00
3	16QAM	8	0	20.26	20.40	20.00	22.00
3	16QAM	8	4	20.19	20.37	20.02	22.00
3	16QAM	8	7	20.39	20.48	20.08	22.00
3	16QAM	15	0	20.13	20.29	20.02	22.00
3	64QAM	1	0	20.51	20.73	20.23	22.00
3	64QAM	1	8	20.49	20.65	20.14	22.00
3	64QAM	1	14	20.44	20.64	20.21	22.00
3	64QAM	8	0	19.26	19.39	19.02	21.00
3	64QAM	8	4	19.28	19.41	19.00	21.00
3	64QAM	8	7	19.37	19.48	19.01	21.00
3	64QAM	15	0	19.25	19.42	19.02	21.00
3	256QAM	1	0	17.47	17.61	17.36	19.00
3	256QAM	1	8	17.39	17.61	17.26	19.00
3	256QAM	1	14	17.53	17.58	17.15	19.00
3	256QAM	8	0	17.25	17.46	17.08	19.00
3	256QAM	8	4	17.15	17.33	17.00	19.00
3	256QAM	8	7	17.31	17.49	17.09	19.00
3	256QAM	15	0	17.23	17.40	17.00	19.00
Channel				23017	23095	23173	Tune-up limit
Frequency (MHz)				699.7	707.5	715.3	(dBm)
1.4	QPSK	1	0	22.45	22.52	22.16	24.00
1.4	QPSK	1	3	22.26	22.46	22.01	24.00
1.4	QPSK	1	5	22.23	22.40	22.00	24.00
1.4	QPSK	3	0	22.30	22.49	22.21	24.00
1.4	QPSK	3	1	22.14	22.39	22.00	24.00
1.4	QPSK	3	3	22.29	22.39	22.03	24.00
1.4	QPSK	6	0	21.21	21.35	21.00	23.00
1.4	16QAM	1	0	21.64	21.86	21.41	23.00
1.4	16QAM	1	3	21.62	21.79	21.32	23.00
1.4	16QAM	1	5	21.60	21.73	21.29	23.00
1.4	16QAM	3	0	21.16	21.40	21.01	23.00
1.4	16QAM	3	1	21.17	21.28	21.02	23.00
1.4	16QAM	3	3	21.29	21.46	21.07	23.00
1.4	16QAM	6	0	20.22	20.43	20.02	22.00
1.4	64QAM	1	0	20.56	20.65	20.23	22.00
1.4	64QAM	1	3	20.48	20.70	20.17	22.00
1.4	64QAM	1	5	20.54	20.71	20.22	22.00
1.4	64QAM	3	0	20.27	20.38	20.01	22.00
1.4	64QAM	3	1	20.18	20.40	20.02	22.00
1.4	64QAM	3	3	20.34	20.39	20.01	22.00
1.4	64QAM	6	0	19.22	19.33	19.02	21.00
1.4	256QAM	1	0	17.54	17.60	17.32	19.00
1.4	256QAM	1	3	17.36	17.54	17.28	19.00
1.4	256QAM	1	5	17.43	17.55	17.12	19.00
1.4	256QAM	3	0	17.27	17.47	17.10	19.00
1.4	256QAM	3	1	17.28	17.36	17.00	19.00
1.4	256QAM	3	3	17.18	17.43	17.04	19.00

1.4	256QAM	6	0	17.31	17.39	17.04	19.00
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【LTE Band 12_Ant 0_ECI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23060	23095	23130	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	22.57	22.66	22.29	24.00
10	QPSK	1	25	22.31	22.54	22.03	24.00
10	QPSK	1	49	22.32	22.51	22.06	24.00
10	QPSK	25	0	21.41	21.58	21.22	23.00
10	QPSK	25	12	21.28	21.44	21.08	23.00
10	QPSK	25	25	21.35	21.54	21.17	23.00
10	QPSK	50	0	21.24	21.46	21.01	23.00
10	16QAM	1	0	21.71	21.92	21.54	23.00
10	16QAM	1	25	21.68	21.81	21.35	23.00
10	16QAM	1	49	21.75	21.88	21.39	23.00
10	16QAM	25	0	20.28	20.46	20.05	22.00
10	16QAM	25	12	20.24	20.41	20.01	22.00
10	16QAM	25	25	20.43	20.53	20.18	22.00
10	16QAM	50	0	20.25	20.44	20.02	22.00
10	64QAM	1	0	20.62	20.75	20.29	22.00
10	64QAM	1	25	20.56	20.73	20.28	22.00
10	64QAM	1	49	20.57	20.73	20.34	22.00
10	64QAM	25	0	19.33	19.46	19.09	21.00
10	64QAM	25	12	19.30	19.45	19.00	21.00
10	64QAM	25	25	19.39	19.50	19.15	21.00
10	64QAM	50	0	19.34	19.48	19.14	21.00
10	256QAM	1	0	17.58	17.72	17.39	19.00
10	256QAM	1	25	17.50	17.65	17.32	19.00
10	256QAM	1	49	17.57	17.67	17.26	19.00
10	256QAM	25	0	17.33	17.51	17.19	19.00
10	256QAM	25	12	17.30	17.42	17.00	19.00
10	256QAM	25	25	17.32	17.51	17.16	19.00
10	256QAM	50	0	17.36	17.49	17.09	19.00
Channel				23035	23095	23115	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	22.55	22.64	22.25	24.00
5	QPSK	1	12	22.27	22.40	22.02	24.00
5	QPSK	1	24	22.23	22.42	22.01	24.00
5	QPSK	12	0	21.29	21.52	21.08	23.00
5	QPSK	12	7	21.20	21.31	21.00	23.00
5	QPSK	12	13	21.32	21.48	21.09	23.00
5	QPSK	25	0	21.15	21.35	21.00	23.00
5	16QAM	1	0	21.59	21.87	21.45	23.00
5	16QAM	1	12	21.56	21.72	21.30	23.00
5	16QAM	1	24	21.67	21.83	21.29	23.00
5	16QAM	12	0	20.26	20.42	20.00	22.00
5	16QAM	12	7	20.21	20.38	20.00	22.00
5	16QAM	12	13	20.40	20.39	20.16	22.00
5	16QAM	25	0	20.19	20.37	20.01	22.00
5	64QAM	1	0	20.55	20.71	20.25	22.00
5	64QAM	1	12	20.46	20.66	20.27	22.00
5	64QAM	1	24	20.47	20.63	20.25	22.00
5	64QAM	12	0	19.27	19.36	19.04	21.00
5	64QAM	12	7	19.20	19.43	19.00	21.00
5	64QAM	12	13	19.35	19.41	19.03	21.00
5	64QAM	25	0	19.25	19.35	19.08	21.00
5	256QAM	1	0	17.57	17.58	17.32	19.00
5	256QAM	1	12	17.41	17.57	17.23	19.00
5	256QAM	1	24	17.42	17.55	17.19	19.00
5	256QAM	12	0	17.22	17.47	17.13	19.00
5	256QAM	12	7	17.25	17.31	17.00	19.00
5	256QAM	12	13	17.22	17.49	17.04	19.00
5	256QAM	25	0	17.34	17.47	17.01	19.00
Channel				23025	23095	23165	Tune-up limit (dBm)
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	22.53	22.59	22.19	24.00
3	QPSK	1	8	22.26	22.47	22.01	24.00
3	QPSK	1	14	22.20	22.40	22.02	24.00
3	QPSK	8	0	21.35	21.50	21.15	23.00
3	QPSK	8	4	21.14	21.33	21.00	23.00

3	QPSK	8	7	21.27	21.47	21.08	23.00
3	QPSK	15	0	21.11	21.39	21.01	23.00
3	16QAM	1	0	21.59	21.83	21.40	23.00
3	16QAM	1	8	21.60	21.74	21.22	23.00
3	16QAM	1	14	21.67	21.73	21.31	23.00
3	16QAM	8	0	20.26	20.40	20.00	22.00
3	16QAM	8	4	20.19	20.37	20.02	22.00
3	16QAM	8	7	20.39	20.48	20.08	22.00
3	16QAM	15	0	20.13	20.29	20.02	22.00
3	64QAM	1	0	20.51	20.73	20.23	22.00
3	64QAM	1	8	20.49	20.65	20.14	22.00
3	64QAM	1	14	20.44	20.64	20.21	22.00
3	64QAM	8	0	19.26	19.39	19.02	21.00
3	64QAM	8	4	19.28	19.41	19.00	21.00
3	64QAM	8	7	19.37	19.48	19.01	21.00
3	64QAM	15	0	19.25	19.42	19.02	21.00
3	256QAM	1	0	17.47	17.61	17.36	19.00
3	256QAM	1	8	17.39	17.61	17.26	19.00
3	256QAM	1	14	17.53	17.58	17.15	19.00
3	256QAM	8	0	17.25	17.46	17.08	19.00
3	256QAM	8	4	17.15	17.33	17.00	19.00
3	256QAM	8	7	17.31	17.49	17.09	19.00
3	256QAM	15	0	17.23	17.40	17.00	19.00
Channel				23017	23095	23173	Tune-up limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	22.45	22.52	22.16	24.00
1.4	QPSK	1	3	22.26	22.46	22.01	24.00
1.4	QPSK	1	5	22.23	22.40	22.00	24.00
1.4	QPSK	3	0	22.30	22.49	22.21	24.00
1.4	QPSK	3	1	22.14	22.39	22.00	24.00
1.4	QPSK	3	3	22.29	22.39	22.03	24.00
1.4	QPSK	6	0	21.21	21.35	21.00	23.00
1.4	16QAM	1	0	21.64	21.86	21.41	23.00
1.4	16QAM	1	3	21.62	21.79	21.32	23.00
1.4	16QAM	1	5	21.60	21.73	21.29	23.00
1.4	16QAM	3	0	21.16	21.40	21.01	23.00
1.4	16QAM	3	1	21.17	21.28	21.02	23.00
1.4	16QAM	3	3	21.29	21.46	21.07	23.00
1.4	16QAM	6	0	20.22	20.43	20.02	22.00
1.4	64QAM	1	0	20.56	20.65	20.23	22.00
1.4	64QAM	1	3	20.48	20.70	20.17	22.00
1.4	64QAM	1	5	20.54	20.71	20.22	22.00
1.4	64QAM	3	0	20.27	20.38	20.01	22.00
1.4	64QAM	3	1	20.18	20.40	20.02	22.00
1.4	64QAM	3	3	20.34	20.39	20.01	22.00
1.4	64QAM	6	0	19.22	19.33	19.02	21.00
1.4	256QAM	1	0	17.54	17.60	17.32	19.00
1.4	256QAM	1	3	17.36	17.54	17.28	19.00
1.4	256QAM	1	5	17.43	17.55	17.12	19.00
1.4	256QAM	3	0	17.27	17.47	17.10	19.00
1.4	256QAM	3	1	17.28	17.36	17.00	19.00
1.4	256QAM	3	3	17.18	17.43	17.04	19.00
1.4	256QAM	6	0	17.31	17.39	17.04	19.00

【LTE Band 12_Ant 0_ECI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23060	23095	23130	
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	22.57	22.66	22.29	24.00
10	QPSK	1	25	22.31	22.54	22.03	24.00
10	QPSK	1	49	22.32	22.51	22.06	24.00
10	QPSK	25	0	21.41	21.58	21.22	23.00
10	QPSK	25	12	21.28	21.44	21.08	23.00
10	QPSK	25	25	21.35	21.54	21.17	23.00
10	QPSK	50	0	21.24	21.46	21.01	23.00
10	16QAM	1	0	21.71	21.92	21.54	23.00
10	16QAM	1	25	21.68	21.81	21.35	23.00
10	16QAM	1	49	21.75	21.88	21.39	23.00
10	16QAM	25	0	20.28	20.46	20.05	22.00
10	16QAM	25	12	20.24	20.41	20.01	22.00
10	16QAM	25	25	20.43	20.53	20.18	22.00

10	16QAM	50	0	20.25	20.44	20.02	22.00
10	64QAM	1	0	20.62	20.75	20.29	22.00
10	64QAM	1	25	20.56	20.73	20.28	22.00
10	64QAM	1	49	20.57	20.73	20.34	22.00
10	64QAM	25	0	19.33	19.46	19.09	21.00
10	64QAM	25	12	19.30	19.45	19.00	21.00
10	64QAM	25	25	19.39	19.50	19.15	21.00
10	64QAM	50	0	19.34	19.48	19.14	21.00
10	256QAM	1	0	17.58	17.72	17.39	19.00
10	256QAM	1	25	17.50	17.65	17.32	19.00
10	256QAM	1	49	17.57	17.67	17.26	19.00
10	256QAM	25	0	17.33	17.51	17.19	19.00
10	256QAM	25	12	17.30	17.42	17.00	19.00
10	256QAM	25	25	17.32	17.51	17.16	19.00
10	256QAM	50	0	17.36	17.49	17.09	19.00
Channel				23035	23095	23115	Tune-up limit
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	22.55	22.64	22.25	24.00
5	QPSK	1	12	22.27	22.40	22.02	24.00
5	QPSK	1	24	22.23	22.42	22.01	24.00
5	QPSK	12	0	21.29	21.52	21.08	23.00
5	QPSK	12	7	21.20	21.31	21.00	23.00
5	QPSK	12	13	21.32	21.48	21.09	23.00
5	QPSK	25	0	21.15	21.35	21.00	23.00
5	16QAM	1	0	21.59	21.87	21.45	23.00
5	16QAM	1	12	21.56	21.72	21.30	23.00
5	16QAM	1	24	21.67	21.83	21.29	23.00
5	16QAM	12	0	20.26	20.42	20.00	22.00
5	16QAM	12	7	20.21	20.38	20.00	22.00
5	16QAM	12	13	20.40	20.39	20.16	22.00
5	16QAM	25	0	20.19	20.37	20.01	22.00
5	64QAM	1	0	20.55	20.71	20.25	22.00
5	64QAM	1	12	20.46	20.66	20.27	22.00
5	64QAM	1	24	20.47	20.63	20.25	22.00
5	64QAM	12	0	19.27	19.36	19.04	21.00
5	64QAM	12	7	19.20	19.43	19.00	21.00
5	64QAM	12	13	19.35	19.41	19.03	21.00
5	64QAM	25	0	19.25	19.35	19.08	21.00
5	256QAM	1	0	17.57	17.58	17.32	19.00
5	256QAM	1	12	17.41	17.57	17.23	19.00
5	256QAM	1	24	17.42	17.55	17.19	19.00
5	256QAM	12	0	17.22	17.47	17.13	19.00
5	256QAM	12	7	17.25	17.31	17.00	19.00
5	256QAM	12	13	17.22	17.49	17.04	19.00
5	256QAM	25	0	17.34	17.47	17.01	19.00
Channel				23025	23095	23165	Tune-up limit
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	22.53	22.59	22.19	24.00
3	QPSK	1	8	22.26	22.47	22.01	24.00
3	QPSK	1	14	22.20	22.40	22.02	24.00
3	QPSK	8	0	21.35	21.50	21.15	23.00
3	QPSK	8	4	21.14	21.33	21.00	23.00
3	QPSK	8	7	21.27	21.47	21.08	23.00
3	QPSK	15	0	21.11	21.39	21.01	23.00
3	16QAM	1	0	21.59	21.83	21.40	23.00
3	16QAM	1	8	21.60	21.74	21.22	23.00
3	16QAM	1	14	21.67	21.73	21.31	23.00
3	16QAM	8	0	20.26	20.40	20.00	22.00
3	16QAM	8	4	20.19	20.37	20.02	22.00
3	16QAM	8	7	20.39	20.48	20.08	22.00
3	16QAM	15	0	20.13	20.29	20.02	22.00
3	64QAM	1	0	20.51	20.73	20.23	22.00
3	64QAM	1	8	20.49	20.65	20.14	22.00
3	64QAM	1	14	20.44	20.64	20.21	22.00
3	64QAM	8	0	19.26	19.39	19.02	21.00
3	64QAM	8	4	19.28	19.41	19.00	21.00
3	64QAM	8	7	19.37	19.48	19.01	21.00
3	64QAM	15	0	19.25	19.42	19.02	21.00
3	256QAM	1	0	17.47	17.61	17.36	19.00
3	256QAM	1	8	17.39	17.61	17.26	19.00
3	256QAM	1	14	17.53	17.58	17.15	19.00
3	256QAM	8	0	17.25	17.46	17.08	19.00
3	256QAM	8	4	17.15	17.33	17.00	19.00
3	256QAM	8	7	17.31	17.49	17.09	19.00
3	256QAM	15	0	17.23	17.40	17.00	19.00
Channel				23017	23095	23173	Tune-up limit
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	22.45	22.52	22.16	24.00

1.4	QPSK	1	3	22.26	22.46	22.01	24.00
1.4	QPSK	1	5	22.23	22.40	22.00	24.00
1.4	QPSK	3	0	22.30	22.49	22.21	24.00
1.4	QPSK	3	1	22.14	22.39	22.00	24.00
1.4	QPSK	3	3	22.29	22.39	22.03	24.00
1.4	QPSK	6	0	21.21	21.35	21.00	23.00
1.4	16QAM	1	0	21.64	21.86	21.41	23.00
1.4	16QAM	1	3	21.62	21.79	21.32	23.00
1.4	16QAM	1	5	21.60	21.73	21.29	23.00
1.4	16QAM	3	0	21.16	21.40	21.01	23.00
1.4	16QAM	3	1	21.17	21.28	21.02	23.00
1.4	16QAM	3	3	21.29	21.46	21.07	23.00
1.4	16QAM	6	0	20.22	20.43	20.02	22.00
1.4	64QAM	1	0	20.56	20.65	20.23	22.00
1.4	64QAM	1	3	20.48	20.70	20.17	22.00
1.4	64QAM	1	5	20.54	20.71	20.22	22.00
1.4	64QAM	3	0	20.27	20.38	20.01	22.00
1.4	64QAM	3	1	20.18	20.40	20.02	22.00
1.4	64QAM	3	3	20.34	20.39	20.01	22.00
1.4	64QAM	6	0	19.22	19.33	19.02	21.00
1.4	256QAM	1	0	17.54	17.60	17.32	19.00
1.4	256QAM	1	3	17.36	17.54	17.28	19.00
1.4	256QAM	1	5	17.43	17.55	17.12	19.00
1.4	256QAM	3	0	17.27	17.47	17.10	19.00
1.4	256QAM	3	1	17.28	17.36	17.00	19.00
1.4	256QAM	3	3	17.18	17.43	17.04	19.00
1.4	256QAM	6	0	17.31	17.39	17.04	19.00

【LTE Band 12_Ant 0_ECI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23060	23095	23130	
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	22.57	22.66	22.29	24.00
10	QPSK	1	25	22.31	22.54	22.03	24.00
10	QPSK	1	49	22.32	22.51	22.06	24.00
10	QPSK	25	0	21.41	21.58	21.22	23.00
10	QPSK	25	12	21.28	21.44	21.08	23.00
10	QPSK	25	25	21.35	21.54	21.17	23.00
10	QPSK	50	0	21.24	21.46	21.01	23.00
10	16QAM	1	0	21.71	21.92	21.54	23.00
10	16QAM	1	25	21.68	21.81	21.35	23.00
10	16QAM	1	49	21.75	21.88	21.39	23.00
10	16QAM	25	0	20.28	20.46	20.05	22.00
10	16QAM	25	12	20.24	20.41	20.01	22.00
10	16QAM	25	25	20.43	20.53	20.18	22.00
10	16QAM	50	0	20.25	20.44	20.02	22.00
10	64QAM	1	0	20.62	20.75	20.29	22.00
10	64QAM	1	25	20.56	20.73	20.28	22.00
10	64QAM	1	49	20.57	20.73	20.34	22.00
10	64QAM	25	0	19.33	19.46	19.09	21.00
10	64QAM	25	12	19.30	19.45	19.00	21.00
10	64QAM	25	25	19.39	19.50	19.15	21.00
10	64QAM	50	0	19.34	19.48	19.14	21.00
10	256QAM	1	0	17.58	17.72	17.39	19.00
10	256QAM	1	25	17.50	17.65	17.32	19.00
10	256QAM	1	49	17.57	17.67	17.26	19.00
10	256QAM	25	0	17.33	17.51	17.19	19.00
10	256QAM	25	12	17.30	17.42	17.00	19.00
10	256QAM	25	25	17.32	17.51	17.16	19.00
10	256QAM	50	0	17.36	17.49	17.09	19.00
Channel				23035	23095	23115	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	22.55	22.64	22.25	24.00
5	QPSK	1	12	22.27	22.40	22.02	24.00
5	QPSK	1	24	22.23	22.42	22.01	24.00
5	QPSK	12	0	21.29	21.52	21.08	23.00
5	QPSK	12	7	21.20	21.31	21.00	23.00
5	QPSK	12	13	21.32	21.48	21.09	23.00
5	QPSK	25	0	21.15	21.35	21.00	23.00
5	16QAM	1	0	21.59	21.87	21.45	23.00
5	16QAM	1	12	21.56	21.72	21.30	23.00

5	16QAM	1	24	21.67	21.83	21.29	23.00
5	16QAM	12	0	20.26	20.42	20.00	22.00
5	16QAM	12	7	20.21	20.38	20.00	22.00
5	16QAM	12	13	20.40	20.39	20.16	22.00
5	16QAM	25	0	20.19	20.37	20.01	22.00
5	64QAM	1	0	20.55	20.71	20.25	22.00
5	64QAM	1	12	20.46	20.66	20.27	22.00
5	64QAM	1	24	20.47	20.63	20.25	22.00
5	64QAM	12	0	19.27	19.36	19.04	21.00
5	64QAM	12	7	19.20	19.43	19.00	21.00
5	64QAM	12	13	19.35	19.41	19.03	21.00
5	64QAM	25	0	19.25	19.35	19.08	21.00
5	256QAM	1	0	17.57	17.58	17.32	19.00
5	256QAM	1	12	17.41	17.57	17.23	19.00
5	256QAM	1	24	17.42	17.55	17.19	19.00
5	256QAM	12	0	17.22	17.47	17.13	19.00
5	256QAM	12	7	17.25	17.31	17.00	19.00
5	256QAM	12	13	17.22	17.49	17.04	19.00
5	256QAM	25	0	17.34	17.47	17.01	19.00
Channel				23025	23095	23165	Tune-up limit
Frequency (MHz)				700.5	707.5	714.5	(dBm)
3	QPSK	1	0	22.53	22.59	22.19	24.00
3	QPSK	1	8	22.26	22.47	22.01	24.00
3	QPSK	1	14	22.20	22.40	22.02	24.00
3	QPSK	8	0	21.35	21.50	21.15	23.00
3	QPSK	8	4	21.14	21.33	21.00	23.00
3	QPSK	8	7	21.27	21.47	21.08	23.00
3	QPSK	15	0	21.11	21.39	21.01	23.00
3	16QAM	1	0	21.59	21.83	21.40	23.00
3	16QAM	1	8	21.60	21.74	21.22	23.00
3	16QAM	1	14	21.67	21.73	21.31	23.00
3	16QAM	8	0	20.26	20.40	20.00	22.00
3	16QAM	8	4	20.19	20.37	20.02	22.00
3	16QAM	8	7	20.39	20.48	20.08	22.00
3	16QAM	15	0	20.13	20.29	20.02	22.00
3	64QAM	1	0	20.51	20.73	20.23	22.00
3	64QAM	1	8	20.49	20.65	20.14	22.00
3	64QAM	1	14	20.44	20.64	20.21	22.00
3	64QAM	8	0	19.26	19.39	19.02	21.00
3	64QAM	8	4	19.28	19.41	19.00	21.00
3	64QAM	8	7	19.37	19.48	19.01	21.00
3	64QAM	15	0	19.25	19.42	19.02	21.00
3	256QAM	1	0	17.47	17.61	17.36	19.00
3	256QAM	1	8	17.39	17.61	17.26	19.00
3	256QAM	1	14	17.53	17.58	17.15	19.00
3	256QAM	8	0	17.25	17.46	17.08	19.00
3	256QAM	8	4	17.15	17.33	17.00	19.00
3	256QAM	8	7	17.31	17.49	17.09	19.00
3	256QAM	15	0	17.23	17.40	17.00	19.00
Channel				23017	23095	23173	Tune-up limit
Frequency (MHz)				699.7	707.5	715.3	(dBm)
1.4	QPSK	1	0	22.45	22.52	22.16	24.00
1.4	QPSK	1	3	22.26	22.46	22.01	24.00
1.4	QPSK	1	5	22.23	22.40	22.00	24.00
1.4	QPSK	3	0	22.30	22.49	22.21	24.00
1.4	QPSK	3	1	22.14	22.39	22.00	24.00
1.4	QPSK	3	3	22.29	22.39	22.03	24.00
1.4	QPSK	6	0	21.21	21.35	21.00	23.00
1.4	16QAM	1	0	21.64	21.86	21.41	23.00
1.4	16QAM	1	3	21.62	21.79	21.32	23.00
1.4	16QAM	1	5	21.60	21.73	21.29	23.00
1.4	16QAM	3	0	21.16	21.40	21.01	23.00
1.4	16QAM	3	1	21.17	21.28	21.02	23.00
1.4	16QAM	3	3	21.29	21.46	21.07	23.00
1.4	16QAM	6	0	20.22	20.43	20.02	22.00
1.4	64QAM	1	0	20.56	20.65	20.23	22.00
1.4	64QAM	1	3	20.48	20.70	20.17	22.00
1.4	64QAM	1	5	20.54	20.71	20.22	22.00
1.4	64QAM	3	0	20.27	20.38	20.01	22.00
1.4	64QAM	3	1	20.18	20.40	20.02	22.00
1.4	64QAM	3	3	20.34	20.39	20.01	22.00
1.4	64QAM	6	0	19.22	19.33	19.02	21.00
1.4	256QAM	1	0	17.54	17.60	17.32	19.00
1.4	256QAM	1	3	17.36	17.54	17.28	19.00
1.4	256QAM	1	5	17.43	17.55	17.12	19.00
1.4	256QAM	3	0	17.27	17.47	17.10	19.00
1.4	256QAM	3	1	17.28	17.36	17.00	19.00
1.4	256QAM	3	3	17.18	17.43	17.04	19.00

1.4	256QAM	6	0	17.31	17.39	17.04	19.00
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【LTE Band 12_Ant 0_ECI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23060	23095	23130	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	22.57	22.66	22.29	24.00
10	QPSK	1	25	22.31	22.54	22.03	24.00
10	QPSK	1	49	22.32	22.51	22.06	24.00
10	QPSK	25	0	21.41	21.58	21.22	23.00
10	QPSK	25	12	21.28	21.44	21.08	23.00
10	QPSK	25	25	21.35	21.54	21.17	23.00
10	QPSK	50	0	21.24	21.46	21.01	23.00
10	16QAM	1	0	21.71	21.92	21.54	23.00
10	16QAM	1	25	21.68	21.81	21.35	23.00
10	16QAM	1	49	21.75	21.88	21.39	23.00
10	16QAM	25	0	20.28	20.46	20.05	22.00
10	16QAM	25	12	20.24	20.41	20.01	22.00
10	16QAM	25	25	20.43	20.53	20.18	22.00
10	16QAM	50	0	20.25	20.44	20.02	22.00
10	64QAM	1	0	20.62	20.75	20.29	22.00
10	64QAM	1	25	20.56	20.73	20.28	22.00
10	64QAM	1	49	20.57	20.73	20.34	22.00
10	64QAM	25	0	19.33	19.46	19.09	21.00
10	64QAM	25	12	19.30	19.45	19.00	21.00
10	64QAM	25	25	19.39	19.50	19.15	21.00
10	64QAM	50	0	19.34	19.48	19.14	21.00
10	256QAM	1	0	17.58	17.72	17.39	19.00
10	256QAM	1	25	17.50	17.65	17.32	19.00
10	256QAM	1	49	17.57	17.67	17.26	19.00
10	256QAM	25	0	17.33	17.51	17.19	19.00
10	256QAM	25	12	17.30	17.42	17.00	19.00
10	256QAM	25	25	17.32	17.51	17.16	19.00
10	256QAM	50	0	17.36	17.49	17.09	19.00
Channel				23035	23095	23115	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	22.55	22.64	22.25	24.00
5	QPSK	1	12	22.27	22.40	22.02	24.00
5	QPSK	1	24	22.23	22.42	22.01	24.00
5	QPSK	12	0	21.29	21.52	21.08	23.00
5	QPSK	12	7	21.20	21.31	21.00	23.00
5	QPSK	12	13	21.32	21.48	21.09	23.00
5	QPSK	25	0	21.15	21.35	21.00	23.00
5	16QAM	1	0	21.59	21.87	21.45	23.00
5	16QAM	1	12	21.56	21.72	21.30	23.00
5	16QAM	1	24	21.67	21.83	21.29	23.00
5	16QAM	12	0	20.26	20.42	20.00	22.00
5	16QAM	12	7	20.21	20.38	20.00	22.00
5	16QAM	12	13	20.40	20.39	20.16	22.00
5	16QAM	25	0	20.19	20.37	20.01	22.00
5	64QAM	1	0	20.55	20.71	20.25	22.00
5	64QAM	1	12	20.46	20.66	20.27	22.00
5	64QAM	1	24	20.47	20.63	20.25	22.00
5	64QAM	12	0	19.27	19.36	19.04	21.00
5	64QAM	12	7	19.20	19.43	19.00	21.00
5	64QAM	12	13	19.35	19.41	19.03	21.00
5	64QAM	25	0	19.25	19.35	19.08	21.00
5	256QAM	1	0	17.57	17.58	17.32	19.00
5	256QAM	1	12	17.41	17.57	17.23	19.00
5	256QAM	1	24	17.42	17.55	17.19	19.00
5	256QAM	12	0	17.22	17.47	17.13	19.00
5	256QAM	12	7	17.25	17.31	17.00	19.00
5	256QAM	12	13	17.22	17.49	17.04	19.00
5	256QAM	25	0	17.34	17.47	17.01	19.00
Channel				23025	23095	23165	Tune-up limit (dBm)
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	22.53	22.59	22.19	24.00
3	QPSK	1	8	22.26	22.47	22.01	24.00
3	QPSK	1	14	22.20	22.40	22.02	24.00
3	QPSK	8	0	21.35	21.50	21.15	23.00
3	QPSK	8	4	21.14	21.33	21.00	23.00

3	QPSK	8	7	21.27	21.47	21.08	23.00
3	QPSK	15	0	21.11	21.39	21.01	23.00
3	16QAM	1	0	21.59	21.83	21.40	23.00
3	16QAM	1	8	21.60	21.74	21.22	23.00
3	16QAM	1	14	21.67	21.73	21.31	23.00
3	16QAM	8	0	20.26	20.40	20.00	22.00
3	16QAM	8	4	20.19	20.37	20.02	22.00
3	16QAM	8	7	20.39	20.48	20.08	22.00
3	16QAM	15	0	20.13	20.29	20.02	22.00
3	64QAM	1	0	20.51	20.73	20.23	22.00
3	64QAM	1	8	20.49	20.65	20.14	22.00
3	64QAM	1	14	20.44	20.64	20.21	22.00
3	64QAM	8	0	19.26	19.39	19.02	21.00
3	64QAM	8	4	19.28	19.41	19.00	21.00
3	64QAM	8	7	19.37	19.48	19.01	21.00
3	64QAM	15	0	19.25	19.42	19.02	21.00
3	256QAM	1	0	17.47	17.61	17.36	19.00
3	256QAM	1	8	17.39	17.61	17.26	19.00
3	256QAM	1	14	17.53	17.58	17.15	19.00
3	256QAM	8	0	17.25	17.46	17.08	19.00
3	256QAM	8	4	17.15	17.33	17.00	19.00
3	256QAM	8	7	17.31	17.49	17.09	19.00
3	256QAM	15	0	17.23	17.40	17.00	19.00
Channel				23017	23095	23173	Tune-up limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	22.45	22.52	22.16	24.00
1.4	QPSK	1	3	22.26	22.46	22.01	24.00
1.4	QPSK	1	5	22.23	22.40	22.00	24.00
1.4	QPSK	3	0	22.30	22.49	22.21	24.00
1.4	QPSK	3	1	22.14	22.39	22.00	24.00
1.4	QPSK	3	3	22.29	22.39	22.03	24.00
1.4	QPSK	6	0	21.21	21.35	21.00	23.00
1.4	16QAM	1	0	21.64	21.86	21.41	23.00
1.4	16QAM	1	3	21.62	21.79	21.32	23.00
1.4	16QAM	1	5	21.60	21.73	21.29	23.00
1.4	16QAM	3	0	21.16	21.40	21.01	23.00
1.4	16QAM	3	1	21.17	21.28	21.02	23.00
1.4	16QAM	3	3	21.29	21.46	21.07	23.00
1.4	16QAM	6	0	20.22	20.43	20.02	22.00
1.4	64QAM	1	0	20.56	20.65	20.23	22.00
1.4	64QAM	1	3	20.48	20.70	20.17	22.00
1.4	64QAM	1	5	20.54	20.71	20.22	22.00
1.4	64QAM	3	0	20.27	20.38	20.01	22.00
1.4	64QAM	3	1	20.18	20.40	20.02	22.00
1.4	64QAM	3	3	20.34	20.39	20.01	22.00
1.4	64QAM	6	0	19.22	19.33	19.02	21.00
1.4	256QAM	1	0	17.54	17.60	17.32	19.00
1.4	256QAM	1	3	17.36	17.54	17.28	19.00
1.4	256QAM	1	5	17.43	17.55	17.12	19.00
1.4	256QAM	3	0	17.27	17.47	17.10	19.00
1.4	256QAM	3	1	17.28	17.36	17.00	19.00
1.4	256QAM	3	3	17.18	17.43	17.04	19.00
1.4	256QAM	6	0	17.31	17.39	17.04	19.00

【LTE Band 12_Ant 0_ECI 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	22.57	22.66	22.29	24.00
10	QPSK	1	25	22.31	22.54	22.03	24.00
10	QPSK	1	49	22.32	22.51	22.06	24.00
10	QPSK	25	0	21.41	21.58	21.22	23.00
10	QPSK	25	12	21.28	21.44	21.08	23.00
10	QPSK	25	25	21.35	21.54	21.17	23.00
10	QPSK	50	0	21.24	21.46	21.01	23.00
10	16QAM	1	0	21.71	21.92	21.54	23.00
10	16QAM	1	25	21.68	21.81	21.35	23.00
10	16QAM	1	49	21.75	21.88	21.39	23.00
10	16QAM	25	0	20.28	20.46	20.05	22.00
10	16QAM	25	12	20.24	20.41	20.01	22.00
10	16QAM	25	25	20.43	20.53	20.18	22.00

10	16QAM	50	0	20.25	20.44	20.02	22.00
10	64QAM	1	0	20.62	20.75	20.29	22.00
10	64QAM	1	25	20.56	20.73	20.28	22.00
10	64QAM	1	49	20.57	20.73	20.34	22.00
10	64QAM	25	0	19.33	19.46	19.09	21.00
10	64QAM	25	12	19.30	19.45	19.00	21.00
10	64QAM	25	25	19.39	19.50	19.15	21.00
10	64QAM	50	0	19.34	19.48	19.14	21.00
10	256QAM	1	0	17.58	17.72	17.39	19.00
10	256QAM	1	25	17.50	17.65	17.32	19.00
10	256QAM	1	49	17.57	17.67	17.26	19.00
10	256QAM	25	0	17.33	17.51	17.19	19.00
10	256QAM	25	12	17.30	17.42	17.00	19.00
10	256QAM	25	25	17.32	17.51	17.16	19.00
10	256QAM	50	0	17.36	17.49	17.09	19.00
Channel				23035	23095	23115	Tune-up limit
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	22.55	22.64	22.25	24.00
5	QPSK	1	12	22.27	22.40	22.02	24.00
5	QPSK	1	24	22.23	22.42	22.01	24.00
5	QPSK	12	0	21.29	21.52	21.08	23.00
5	QPSK	12	7	21.20	21.31	21.00	23.00
5	QPSK	12	13	21.32	21.48	21.09	23.00
5	QPSK	25	0	21.15	21.35	21.00	23.00
5	16QAM	1	0	21.59	21.87	21.45	23.00
5	16QAM	1	12	21.56	21.72	21.30	23.00
5	16QAM	1	24	21.67	21.83	21.29	23.00
5	16QAM	12	0	20.26	20.42	20.00	22.00
5	16QAM	12	7	20.21	20.38	20.00	22.00
5	16QAM	12	13	20.40	20.39	20.16	22.00
5	16QAM	25	0	20.19	20.37	20.01	22.00
5	64QAM	1	0	20.55	20.71	20.25	22.00
5	64QAM	1	12	20.46	20.66	20.27	22.00
5	64QAM	1	24	20.47	20.63	20.25	22.00
5	64QAM	12	0	19.27	19.36	19.04	21.00
5	64QAM	12	7	19.20	19.43	19.00	21.00
5	64QAM	12	13	19.35	19.41	19.03	21.00
5	64QAM	25	0	19.25	19.35	19.08	21.00
5	256QAM	1	0	17.57	17.58	17.32	19.00
5	256QAM	1	12	17.41	17.57	17.23	19.00
5	256QAM	1	24	17.42	17.55	17.19	19.00
5	256QAM	12	0	17.22	17.47	17.13	19.00
5	256QAM	12	7	17.25	17.31	17.00	19.00
5	256QAM	12	13	17.22	17.49	17.04	19.00
5	256QAM	25	0	17.34	17.47	17.01	19.00
Channel				23025	23095	23165	Tune-up limit
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	22.53	22.59	22.19	24.00
3	QPSK	1	8	22.26	22.47	22.01	24.00
3	QPSK	1	14	22.20	22.40	22.02	24.00
3	QPSK	8	0	21.35	21.50	21.15	23.00
3	QPSK	8	4	21.14	21.33	21.00	23.00
3	QPSK	8	7	21.27	21.47	21.08	23.00
3	QPSK	15	0	21.11	21.39	21.01	23.00
3	16QAM	1	0	21.59	21.83	21.40	23.00
3	16QAM	1	8	21.60	21.74	21.22	23.00
3	16QAM	1	14	21.67	21.73	21.31	23.00
3	16QAM	8	0	20.26	20.40	20.00	22.00
3	16QAM	8	4	20.19	20.37	20.02	22.00
3	16QAM	8	7	20.39	20.48	20.08	22.00
3	16QAM	15	0	20.13	20.29	20.02	22.00
3	64QAM	1	0	20.51	20.73	20.23	22.00
3	64QAM	1	8	20.49	20.65	20.14	22.00
3	64QAM	1	14	20.44	20.64	20.21	22.00
3	64QAM	8	0	19.26	19.39	19.02	21.00
3	64QAM	8	4	19.28	19.41	19.00	21.00
3	64QAM	8	7	19.37	19.48	19.01	21.00
3	64QAM	15	0	19.25	19.42	19.02	21.00
3	256QAM	1	0	17.47	17.61	17.36	19.00
3	256QAM	1	8	17.39	17.61	17.26	19.00
3	256QAM	1	14	17.53	17.58	17.15	19.00
3	256QAM	8	0	17.25	17.46	17.08	19.00
3	256QAM	8	4	17.15	17.33	17.00	19.00
3	256QAM	8	7	17.31	17.49	17.09	19.00
3	256QAM	15	0	17.23	17.40	17.00	19.00
Channel				23017	23095	23173	Tune-up limit
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	22.45	22.52	22.16	24.00

1.4	QPSK	1	3	22.26	22.46	22.01	24.00
1.4	QPSK	1	5	22.23	22.40	22.00	24.00
1.4	QPSK	3	0	22.30	22.49	22.21	24.00
1.4	QPSK	3	1	22.14	22.39	22.00	24.00
1.4	QPSK	3	3	22.29	22.39	22.03	24.00
1.4	QPSK	6	0	21.21	21.35	21.00	23.00
1.4	16QAM	1	0	21.64	21.86	21.41	23.00
1.4	16QAM	1	3	21.62	21.79	21.32	23.00
1.4	16QAM	1	5	21.60	21.73	21.29	23.00
1.4	16QAM	3	0	21.16	21.40	21.01	23.00
1.4	16QAM	3	1	21.17	21.28	21.02	23.00
1.4	16QAM	3	3	21.29	21.46	21.07	23.00
1.4	16QAM	6	0	20.22	20.43	20.02	22.00
1.4	64QAM	1	0	20.56	20.65	20.23	22.00
1.4	64QAM	1	3	20.48	20.70	20.17	22.00
1.4	64QAM	1	5	20.54	20.71	20.22	22.00
1.4	64QAM	3	0	20.27	20.38	20.01	22.00
1.4	64QAM	3	1	20.18	20.40	20.02	22.00
1.4	64QAM	3	3	20.34	20.39	20.01	22.00
1.4	64QAM	6	0	19.22	19.33	19.02	21.00
1.4	256QAM	1	0	17.54	17.60	17.32	19.00
1.4	256QAM	1	3	17.36	17.54	17.28	19.00
1.4	256QAM	1	5	17.43	17.55	17.12	19.00
1.4	256QAM	3	0	17.27	17.47	17.10	19.00
1.4	256QAM	3	1	17.28	17.36	17.00	19.00
1.4	256QAM	3	3	17.18	17.43	17.04	19.00
1.4	256QAM	6	0	17.31	17.39	17.04	19.00

<LTE Band 12_Ant 4_Full Power>								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	
Channel				23060	23095	23130	Tune-up Limit (dBm)	
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.07	22.13	21.80	23.00	
10		1	25	21.85	22.05	21.65	23.00	
10		1	49	21.79	22.04	21.69	23.00	
10		25	0	20.93	21.13	20.71	22.00	
10		25	12	20.70	20.91	20.53	22.00	
10		25	25	20.83	21.07	20.68	22.00	
10	16QAM	50	0	20.87	20.99	20.62	22.00	
10		1	0	21.14	21.38	20.94	22.00	
10		1	25	21.23	21.35	20.93	22.00	
10		1	49	21.22	21.36	20.99	22.00	
10		25	0	19.92	20.04	19.64	21.00	
10		25	12	19.74	19.97	19.46	21.00	
10	64QAM	25	25	19.89	20.07	19.75	21.00	
10		50	0	19.84	20.03	19.56	21.00	
10		1	0	20.06	20.20	19.91	21.00	
10		1	25	20.09	20.20	19.77	21.00	
10		1	49	20.10	20.23	19.89	21.00	
10		25	0	18.87	19.03	18.59	20.00	
10	256QAM	25	12	18.80	18.87	18.52	20.00	
10		25	25	18.80	19.10	18.76	20.00	
10		50	0	18.89	19.02	18.76	20.00	
10		1	0	16.99	17.14	16.91	18.00	
10		1	25	17.09	17.23	16.92	18.00	
10		1	49	17.04	17.10	16.77	18.00	
10	16QAM	25	0	16.91	17.03	16.74	18.00	
10		25	12	16.84	16.94	16.66	18.00	
10		25	25	16.93	17.06	16.68	18.00	
10		50	0	16.81	17.04	16.76	18.00	
Channel				23035	23095	23115	Tune-up Limit (dBm)	
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	21.93	22.05	21.73	23.00	
5		1	12	21.78	22.04	21.54	23.00	
5		1	24	21.66	21.95	21.57	23.00	
5		12	0	20.88	20.98	20.65	22.00	
5		12	7	20.69	20.76	20.47	22.00	
5		12	13	20.78	20.95	20.53	22.00	
5	16QAM	25	0	20.84	20.85	20.61	22.00	
5		1	0	20.99	21.32	20.90	22.00	
5		1	12	21.09	21.24	20.88	22.00	
5		1	24	21.13	21.32	20.90	22.00	
5		12	0	19.89	19.94	19.57	21.00	

5	64QAM	12	7	19.70	19.89	19.44	21.00
5		12	13	19.77	20.02	19.71	21.00
5		25	0	19.73	19.93	19.52	21.00
5		1	0	20.02	20.17	19.80	21.00
5		1	12	20.06	20.06	19.67	21.00
5		1	24	19.97	20.19	19.75	21.00
5		12	0	18.73	18.90	18.44	20.00
5		12	7	18.71	18.73	18.39	20.00
5		12	13	18.68	18.99	18.69	20.00
5	256QAM	25	0	18.85	18.94	18.72	20.00
5		1	0	16.95	17.09	16.79	18.00
5		1	12	16.98	17.11	16.88	18.00
5		1	24	16.98	17.01	16.71	18.00
5		12	0	16.90	16.96	16.62	18.00
5		12	7	16.82	16.83	16.54	18.00
5		12	13	16.92	17.05	16.62	18.00
5		25	0	16.71	16.98	16.68	18.00
Channel				23025	23095	23165	Tune-up Limit (dBm)
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	21.97	22.12	21.65	23.00
3		1	8	21.81	21.91	21.56	23.00
3		1	14	21.65	21.92	21.67	23.00
3		8	0	20.83	21.04	20.68	22.00
3		8	4	20.66	20.80	20.38	22.00
3		8	7	20.69	21.01	20.67	22.00
3		15	0	20.78	20.91	20.48	22.00
3	16QAM	1	0	21.13	21.27	20.82	22.00
3		1	8	21.18	21.26	20.82	22.00
3		1	14	21.16	21.30	20.89	22.00
3		8	0	19.87	19.92	19.52	21.00
3		8	4	19.72	19.93	19.36	21.00
3		8	7	19.78	20.05	19.60	21.00
3		15	0	19.70	19.92	19.51	21.00
3	64QAM	1	0	19.95	20.19	19.77	21.00
3		1	8	19.96	20.18	19.74	21.00
3		1	14	19.95	20.09	19.85	21.00
3		8	0	18.72	18.92	18.57	20.00
3		8	4	18.69	18.75	18.38	20.00
3		8	7	18.77	18.99	18.69	20.00
3		15	0	18.83	18.89	18.71	20.00
3	256QAM	1	0	16.90	17.09	16.78	18.00
3		1	8	17.05	17.14	16.85	18.00
3		1	14	17.03	17.04	16.65	18.00
3		8	0	16.83	16.91	16.67	18.00
3		8	4	16.82	16.85	16.61	18.00
3		8	7	16.90	17.04	16.53	18.00
3		15	0	16.75	16.97	16.71	18.00
Channel				23017	23095	23173	Tune-up Limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	22.03	22.12	21.71	23.00
1.4		1	3	21.70	22.01	21.59	23.00
1.4		1	5	21.77	21.91	21.63	23.00
1.4		3	0	21.86	22.01	21.62	23.00
1.4		3	1	21.68	21.80	21.40	23.00
1.4		3	3	21.78	22.00	21.57	23.00
1.4		6	0	20.80	20.90	20.54	22.00
1.4	16QAM	1	0	21.04	21.37	20.85	22.00
1.4		1	3	21.10	21.26	20.78	22.00
1.4		1	5	21.09	21.29	20.93	22.00
1.4		3	0	20.88	21.00	20.62	22.00
1.4		3	1	20.71	20.84	20.44	22.00
1.4		3	3	20.87	21.06	20.70	22.00
1.4		6	0	19.71	19.97	19.55	21.00
1.4	64QAM	1	0	20.02	20.14	19.87	21.00
1.4		1	3	19.94	20.14	19.75	21.00
1.4		1	5	20.07	20.20	19.76	21.00
1.4		3	0	19.79	19.88	19.44	21.00
1.4		3	1	19.71	19.81	19.42	21.00
1.4		3	3	19.74	19.98	19.67	21.00
1.4		6	0	18.78	18.88	18.62	20.00
1.4	256QAM	1	0	16.89	17.06	16.80	18.00
1.4		1	3	17.00	17.21	16.77	18.00
1.4		1	5	16.95	17.07	16.75	18.00
1.4		3	0	16.88	16.93	16.63	18.00