

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	32.14	32.35	32.21	33.50	23.14	23.35	23.21	24.50
GPRS 1 Tx slot	32.12	32.32	32.20	33.50	23.12	23.32	23.20	24.50
GPRS 2 Tx slots	29.81	30.05	29.78	31.00	23.81	24.05	23.78	25.00
GPRS 3 Tx slots	28.29	28.50	28.34	29.50	24.03	24.24	24.08	25.24
GPRS 4 Tx slots	26.95	27.21	26.95	28.50	23.95	24.21	23.95	25.50
EDGE 1 Tx slot	25.84	26.10	25.84	27.00	16.84	17.10	16.84	18.00
EDGE 2 Tx slots	25.25	25.45	25.26	26.50	19.25	19.45	19.26	20.50
EDGE 3 Tx slots	23.54	23.79	23.58	25.00	19.28	19.53	19.32	20.74
EDGE 4 Tx slots	21.83	22.05	21.92	23.00	18.83	19.05	18.92	20.00

【GSM850_Ant 0_DSI 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	32.14	32.35	32.21	33.50	23.14	23.35	23.21	24.50
GPRS 1 Tx slot	32.12	32.32	32.20	33.50	23.12	23.32	23.20	24.50
GPRS 2 Tx slots	29.81	30.05	29.78	31.00	23.81	24.05	23.78	25.00
GPRS 3 Tx slots	28.29	28.50	28.34	29.50	24.03	24.24	24.08	25.24
GPRS 4 Tx slots	26.95	27.21	26.95	28.50	23.95	24.21	23.95	25.50
EDGE 1 Tx slot	25.84	26.10	25.84	27.00	16.84	17.10	16.84	18.00
EDGE 2 Tx slots	25.25	25.45	25.26	26.50	19.25	19.45	19.26	20.50
EDGE 3 Tx slots	23.54	23.79	23.58	25.00	19.28	19.53	19.32	20.74
EDGE 4 Tx slots	21.83	22.05	21.92	23.00	18.83	19.05	18.92	20.00

【GSM850_Ant 0_DSI 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	32.14	32.35	32.21	33.50	23.14	23.35	23.21	24.50
GPRS 1 Tx slot	32.12	32.32	32.20	33.50	23.12	23.32	23.20	24.50
GPRS 2 Tx slots	29.81	30.05	29.78	31.00	23.81	24.05	23.78	25.00
GPRS 3 Tx slots	28.29	28.50	28.34	29.50	24.03	24.24	24.08	25.24
GPRS 4 Tx slots	26.95	27.21	26.95	28.50	23.95	24.21	23.95	25.50
EDGE 1 Tx slot	25.84	26.10	25.84	27.00	16.84	17.10	16.84	18.00
EDGE 2 Tx slots	25.25	25.45	25.26	26.50	19.25	19.45	19.26	20.50
EDGE 3 Tx slots	23.54	23.79	23.58	25.00	19.28	19.53	19.32	20.74
EDGE 4 Tx slots	21.83	22.05	21.92	23.00	18.83	19.05	18.92	20.00

【GSM850_Ant 0_DSI 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	32.14	32.35	32.21	33.10	23.14	23.35	23.21	24.10
GPRS 1 Tx slot	32.12	32.32	32.20	33.10	23.12	23.32	23.20	24.10
GPRS 2 Tx slots	29.81	30.05	29.78	30.60	23.81	24.05	23.78	24.60
GPRS 3 Tx slots	28.29	28.50	28.34	29.10	24.03	24.24	24.08	24.84
GPRS 4 Tx slots	26.95	27.21	26.95	28.10	23.95	24.21	23.95	25.10
EDGE 1 Tx slot	25.84	26.10	25.84	27.00	16.84	17.10	16.84	18.00
EDGE 2 Tx slots	25.25	25.45	25.26	26.50	19.25	19.45	19.26	20.50
EDGE 3 Tx slots	23.54	23.79	23.58	25.00	19.28	19.53	19.32	20.74
EDGE 4 Tx slots	21.83	22.05	21.92	23.00	18.83	19.05	18.92	20.00

[GSM850_Ant 0_DSI 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	32.14	32.35	32.21	33.50	23.14	23.35	23.21	24.50
GPRS 1 Tx slot	32.12	32.32	32.20	33.50	23.12	23.32	23.20	24.50
GPRS 2 Tx slots	29.81	30.05	29.78	31.00	23.81	24.05	23.78	25.00
GPRS 3 Tx slots	28.29	28.50	28.34	29.50	24.03	24.24	24.08	25.24
GPRS 4 Tx slots	26.95	27.21	26.95	28.50	23.95	24.21	23.95	25.50
EDGE 1 Tx slot	25.84	26.10	25.84	27.00	16.84	17.10	16.84	18.00
EDGE 2 Tx slots	25.25	25.45	25.26	26.50	19.25	19.45	19.26	20.50
EDGE 3 Tx slots	23.54	23.79	23.58	25.00	19.28	19.53	19.32	20.74
EDGE 4 Tx slots	21.83	22.05	21.92	23.00	18.83	19.05	18.92	20.00

[GSM850_Ant 0_DSI 7]

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.14	32.35	32.21	33.10	23.14	23.35	23.21	24.10
GPRS 1 Tx slot	32.12	32.32	32.20	33.10	23.12	23.32	23.20	24.10
GPRS 2 Tx slots	29.81	30.05	29.78	30.60	23.81	24.05	23.78	24.60
GPRS 3 Tx slots	28.29	28.50	28.34	29.10	24.03	24.24	24.08	24.84
GPRS 4 Tx slots	26.95	27.21	26.95	28.10	23.95	24.21	23.95	25.10
EDGE 1 Tx slot	25.84	26.10	25.84	27.00	16.84	17.10	16.84	18.00
EDGE 2 Tx slots	25.25	25.45	25.26	26.50	19.25	19.45	19.26	20.50
EDGE 3 Tx slots	23.54	23.79	23.58	25.00	19.28	19.53	19.32	20.74
EDGE 4 Tx slots	21.83	22.05	21.92	23.00	18.83	19.05	18.92	20.00

[GSM850_Ant 1_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	32.66	32.72	32.64	33.50	23.66	23.72	23.64	24.50
GPRS 1 Tx slot	32.65	32.71	32.63	33.50	23.65	23.71	23.63	24.50
GPRS 2 Tx slots	30.34	30.45	30.23	31.50	24.34	24.45	24.23	25.50
GPRS 3 Tx slots	28.53	28.67	28.46	29.50	24.27	24.41	24.20	25.24
GPRS 4 Tx slots	27.24	27.34	27.26	28.50	24.24	24.34	24.26	25.50
EDGE 1 Tx slot	25.83	25.93	25.84	27.00	16.83	16.93	16.84	18.00
EDGE 2 Tx slots	25.45	25.55	25.36	26.50	19.45	19.55	19.36	20.50
EDGE 3 Tx slots	23.92	24.10	23.91	25.00	19.66	19.84	19.65	20.74
EDGE 4 Tx slots	22.48	22.53	22.37	23.50	19.48	19.53	19.37	20.50

[GSM850_Ant 1_DSI 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	32.66	32.72	32.64	33.50	23.66	23.72	23.64	24.50
GPRS 1 Tx slot	32.65	32.71	32.63	33.50	23.65	23.71	23.63	24.50
GPRS 2 Tx slots	30.34	30.45	30.23	31.50	24.34	24.45	24.23	25.50
GPRS 3 Tx slots	28.53	28.67	28.46	29.50	24.27	24.41	24.20	25.24
GPRS 4 Tx slots	27.24	27.34	27.26	28.50	24.24	24.34	24.26	25.50
EDGE 1 Tx slot	25.83	25.93	25.84	27.00	16.83	16.93	16.84	18.00
EDGE 2 Tx slots	25.45	25.55	25.36	26.50	19.45	19.55	19.36	20.50
EDGE 3 Tx slots	23.92	24.10	23.91	25.00	19.66	19.84	19.65	20.74
EDGE 4 Tx slots	22.48	22.53	22.37	23.50	19.48	19.53	19.37	20.50

[GSM850_Ant 1_DSI 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	32.21	32.17	32.11	33.50	23.21	23.17	23.11	24.50
GPRS 1 Tx slot	32.18	32.23	32.15	33.50	23.18	23.23	23.15	24.50
GPRS 2 Tx slots	29.85	29.87	29.77	31.50	23.85	23.87	23.77	25.50

GPRS 3 Tx slots	28.11	28.19	27.93	29.50	23.85	23.93	23.67	25.24
GPRS 4 Tx slots	26.75	26.81	26.80	28.50	23.75	23.81	23.80	25.50
EDGE 1 Tx slot	25.83	25.93	25.84	27.00	16.83	16.93	16.84	18.00
EDGE 2 Tx slots	25.45	25.55	25.36	26.50	19.45	19.55	19.36	20.50
EDGE 3 Tx slots	23.92	24.10	23.91	25.00	19.66	19.84	19.65	20.74
EDGE 4 Tx slots	22.48	22.53	22.37	23.50	19.48	19.53	19.37	20.50

【GSM850_Ant 1_DSI 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	32.21	32.17	32.11	33.50	23.21	23.17	23.11	24.50
GPRS 1 Tx slot	32.18	32.23	32.15	33.50	23.18	23.23	23.15	24.50
GPRS 2 Tx slots	29.85	29.87	29.77	31.50	23.85	23.87	23.77	25.50
GPRS 3 Tx slots	28.11	28.19	27.93	29.50	23.85	23.93	23.67	25.24
GPRS 4 Tx slots	26.75	26.81	26.80	28.50	23.75	23.81	23.80	25.50
EDGE 1 Tx slot	25.83	25.93	25.84	27.00	16.83	16.93	16.84	18.00
EDGE 2 Tx slots	25.45	25.55	25.36	26.50	19.45	19.55	19.36	20.50
EDGE 3 Tx slots	23.92	24.10	23.91	25.00	19.66	19.84	19.65	20.74
EDGE 4 Tx slots	22.48	22.53	22.37	23.50	19.48	19.53	19.37	20.50

【GSM850_Ant 1_DSI 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	32.66	32.72	32.64	33.50	23.66	23.72	23.64	24.50
GPRS 1 Tx slot	32.65	32.71	32.63	33.50	23.65	23.71	23.63	24.50
GPRS 2 Tx slots	30.34	30.45	30.23	31.50	24.34	24.45	24.23	25.50
GPRS 3 Tx slots	28.53	28.67	28.46	29.50	24.27	24.41	24.20	25.24
GPRS 4 Tx slots	27.24	27.34	27.26	28.50	24.24	24.34	24.26	25.50
EDGE 1 Tx slot	25.83	25.93	25.84	27.00	16.83	16.93	16.84	18.00
EDGE 2 Tx slots	25.45	25.55	25.36	26.50	19.45	19.55	19.36	20.50
EDGE 3 Tx slots	23.92	24.10	23.91	25.00	19.66	19.84	19.65	20.74
EDGE 4 Tx slots	22.48	22.53	22.37	23.50	19.48	19.53	19.37	20.50

【GSM850_Ant 1_DSI 7】

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.21	32.17	32.11	32.40	23.21	23.17	23.11	23.40
GPRS 1 Tx slot	32.18	32.23	32.15	32.40	23.18	23.23	23.15	23.40
GPRS 2 Tx slots	29.85	29.87	29.77	30.40	23.85	23.87	23.77	24.40
GPRS 3 Tx slots	28.11	28.19	27.93	28.40	23.85	23.93	23.67	24.14
GPRS 4 Tx slots	26.75	26.81	26.80	27.40	23.75	23.81	23.80	24.40
EDGE 1 Tx slot	25.83	25.93	25.84	27.00	16.83	16.93	16.84	18.00
EDGE 2 Tx slots	25.45	25.55	25.36	26.50	19.45	19.55	19.36	20.50
EDGE 3 Tx slots	23.92	24.10	23.91	25.00	19.66	19.84	19.65	20.74
EDGE 4 Tx slots	22.48	22.53	22.37	23.50	19.48	19.53	19.37	20.50

【GSM1900_Ant 2_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	28.76	28.82	28.71	30.50	19.76	19.82	19.71	21.50
GPRS 1 Tx slot	28.75	28.83	28.76	30.50	19.75	19.83	19.76	21.50
GPRS 2 Tx slots	26.88	27.08	26.86	28.50	20.88	21.08	20.86	22.50
GPRS 3 Tx slots	26.00	26.01	26.00	27.00	21.74	21.75	21.74	22.74
GPRS 4 Tx slots	24.68	24.76	24.71	26.00	21.68	21.76	21.71	23.00
EDGE 1 Tx slot	25.50	25.58	25.50	26.50	16.50	16.58	16.50	17.50
EDGE 2 Tx slots	24.13	24.20	24.06	25.00	18.13	18.20	18.06	19.00
EDGE 3 Tx slots	22.97	23.11	22.95	24.00	18.71	18.85	18.69	19.74
EDGE 4 Tx slots	21.94	22.09	21.87	23.00	18.94	19.09	18.87	20.00

[GSM1900_Ant 2_DSI 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	28.76	28.82	28.71	30.50	19.76	19.82	19.71	21.50
GPRS 1 Tx slot	28.75	28.83	28.76	30.50	19.75	19.83	19.76	21.50
GPRS 2 Tx slots	26.88	27.08	26.86	28.50	20.88	21.08	20.86	22.50
GPRS 3 Tx slots	26.00	26.01	26.00	27.00	21.74	21.75	21.74	22.74
GPRS 4 Tx slots	24.68	24.76	24.71	26.00	21.68	21.76	21.71	23.00
EDGE 1 Tx slot	25.50	25.58	25.50	26.50	16.50	16.58	16.50	17.50
EDGE 2 Tx slots	24.13	24.20	24.06	25.00	18.13	18.20	18.06	19.00
EDGE 3 Tx slots	22.97	23.11	22.95	24.00	18.71	18.85	18.69	19.74
EDGE 4 Tx slots	21.94	22.09	21.87	23.00	18.94	19.09	18.87	20.00

[GSM1900_Ant 2_DSI 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	28.76	28.82	28.71	30.50	19.76	19.82	19.71	21.50
GPRS 1 Tx slot	28.75	28.83	28.76	30.50	19.75	19.83	19.76	21.50
GPRS 2 Tx slots	26.88	27.08	26.86	28.50	20.88	21.08	20.86	22.50
GPRS 3 Tx slots	26.00	26.01	26.00	27.00	21.74	21.75	21.74	22.74
GPRS 4 Tx slots	24.68	24.76	24.71	26.00	21.68	21.76	21.71	23.00
EDGE 1 Tx slot	25.50	25.58	25.50	26.50	16.50	16.58	16.50	17.50
EDGE 2 Tx slots	24.13	24.20	24.06	25.00	18.13	18.20	18.06	19.00
EDGE 3 Tx slots	22.97	23.11	22.95	24.00	18.71	18.85	18.69	19.74
EDGE 4 Tx slots	21.94	22.09	21.87	23.00	18.94	19.09	18.87	20.00

[GSM1900_Ant 2_DSI 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	28.76	28.82	28.71	30.50	19.76	19.82	19.71	21.50
GPRS 1 Tx slot	28.75	28.83	28.76	30.50	19.75	19.83	19.76	21.50
GPRS 2 Tx slots	26.88	27.08	26.86	28.50	20.88	21.08	20.86	22.50
GPRS 3 Tx slots	26.00	26.01	26.00	27.00	21.74	21.75	21.74	22.74
GPRS 4 Tx slots	24.68	24.76	24.71	26.00	21.68	21.76	21.71	23.00
EDGE 1 Tx slot	25.50	25.58	25.50	26.50	16.50	16.58	16.50	17.50
EDGE 2 Tx slots	24.13	24.20	24.06	25.00	18.13	18.20	18.06	19.00
EDGE 3 Tx slots	22.97	23.11	22.95	24.00	18.71	18.85	18.69	19.74
EDGE 4 Tx slots	21.94	22.09	21.87	23.00	18.94	19.09	18.87	20.00

[GSM1900_Ant 2_DSI 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	28.76	28.82	28.71	30.50	19.76	19.82	19.71	21.50
GPRS 1 Tx slot	28.75	28.83	28.76	30.50	19.75	19.83	19.76	21.50
GPRS 2 Tx slots	26.88	27.08	26.86	28.50	20.88	21.08	20.86	22.50
GPRS 3 Tx slots	26.00	26.01	26.00	27.00	21.74	21.75	21.74	22.74
GPRS 4 Tx slots	24.68	24.76	24.71	26.00	21.68	21.76	21.71	23.00
EDGE 1 Tx slot	25.50	25.58	25.50	26.50	16.50	16.58	16.50	17.50
EDGE 2 Tx slots	24.13	24.20	24.06	25.00	18.13	18.20	18.06	19.00
EDGE 3 Tx slots	22.97	23.11	22.95	24.00	18.71	18.85	18.69	19.74
EDGE 4 Tx slots	21.94	22.09	21.87	23.00	18.94	19.09	18.87	20.00

[GSM1900_Ant 2_DSI 7]

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	28.76	28.82	28.71	30.50	19.76	19.82	19.71	21.50
GPRS 1 Tx slot	28.75	28.83	28.76	30.50	19.75	19.83	19.76	21.50
GPRS 2 Tx slots	26.88	27.08	26.86	28.50	20.88	21.08	20.86	22.50

GPRS 3 Tx slots	26.00	26.01	26.00	27.00	21.74	21.75	21.74	22.74
GPRS 4 Tx slots	24.68	24.76	24.71	26.00	21.68	21.76	21.71	23.00
EDGE 1 Tx slot	25.50	25.58	25.50	26.50	16.50	16.58	16.50	17.50
EDGE 2 Tx slots	24.13	24.20	24.06	25.00	18.13	18.20	18.06	19.00
EDGE 3 Tx slots	22.97	23.11	22.95	24.00	18.71	18.85	18.69	19.74
EDGE 4 Tx slots	21.94	22.09	21.87	23.00	18.94	19.09	18.87	20.00

<WCDMA Conducted Power>

【WCDMA II_Ant 2_Full Power】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	22.87	22.95	22.75	24.00
3GPP Rel 99	RMC 12.2Kbps	22.95	22.99	22.91	24.00
3GPP Rel 6	HSDPA Subtest-1	21.91	22.05	21.91	23.00
3GPP Rel 6	HSDPA Subtest-2	21.95	21.95	21.90	23.00
3GPP Rel 6	HSDPA Subtest-3	21.53	21.43	21.47	22.50
3GPP Rel 6	HSDPA Subtest-4	21.44	21.43	21.34	22.50
3GPP Rel 6	HSUPA Subtest-1	22.00	22.04	21.84	23.00
3GPP Rel 6	HSUPA Subtest-2	19.89	20.03	19.85	21.00
3GPP Rel 6	HSUPA Subtest-3	21.37	21.47	21.45	22.00
3GPP Rel 6	HSUPA Subtest-4	19.99	20.03	19.93	21.00
3GPP Rel 6	HSUPA Subtest-5	21.99	21.93	21.89	23.00

【WCDMA II_Ant 2_DSI 4】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	22.87	22.95	22.75	24.00
3GPP Rel 99	RMC 12.2Kbps	22.95	22.99	22.91	24.00
3GPP Rel 6	HSDPA Subtest-1	21.91	22.05	21.91	23.00
3GPP Rel 6	HSDPA Subtest-2	21.95	21.95	21.90	23.00
3GPP Rel 6	HSDPA Subtest-3	21.53	21.43	21.47	22.50
3GPP Rel 6	HSDPA Subtest-4	21.44	21.43	21.34	22.50
3GPP Rel 6	HSUPA Subtest-1	22.00	22.04	21.84	23.00
3GPP Rel 6	HSUPA Subtest-2	19.89	20.03	19.85	21.00
3GPP Rel 6	HSUPA Subtest-3	21.37	21.47	21.45	22.00
3GPP Rel 6	HSUPA Subtest-4	19.99	20.03	19.93	21.00
3GPP Rel 6	HSUPA Subtest-5	21.99	21.93	21.89	23.00

【WCDMA II_Ant 2_DSI 2】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	22.87	22.95	22.75	24.00
3GPP Rel 99	RMC 12.2Kbps	22.95	22.99	22.91	24.00
3GPP Rel 6	HSDPA Subtest-1	21.91	22.05	21.91	23.00
3GPP Rel 6	HSDPA Subtest-2	21.95	21.95	21.90	23.00
3GPP Rel 6	HSDPA Subtest-3	21.53	21.43	21.47	22.50
3GPP Rel 6	HSDPA Subtest-4	21.44	21.43	21.34	22.50
3GPP Rel 6	HSUPA Subtest-1	22.00	22.04	21.84	23.00
3GPP Rel 6	HSUPA Subtest-2	19.89	20.03	19.85	21.00
3GPP Rel 6	HSUPA Subtest-3	21.37	21.47	21.45	22.00
3GPP Rel 6	HSUPA Subtest-4	19.99	20.03	19.93	21.00
3GPP Rel 6	HSUPA Subtest-5	21.99	21.93	21.89	23.00

【WCDMA II_Ant 2_DSI 3】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	20.41	20.43	20.21	21.90
3GPP Rel 99	RMC 12.2Kbps	20.42	20.53	20.40	21.90
3GPP Rel 6	HSDPA Subtest-1	19.47	19.57	19.39	20.90
3GPP Rel 6	HSDPA Subtest-2	19.44	19.47	19.42	20.90
3GPP Rel 6	HSDPA Subtest-3	19.03	18.86	19.04	20.40

3GPP Rel 6	HSDPA Subtest-4	18.94	18.87	18.92	20.40
3GPP Rel 6	HSUPA Subtest-1	19.49	19.47	19.40	20.90
3GPP Rel 6	HSUPA Subtest-2	17.36	17.51	17.33	18.90
3GPP Rel 6	HSUPA Subtest-3	18.84	19.02	18.89	19.90
3GPP Rel 6	HSUPA Subtest-4	17.54	17.57	17.43	18.90
3GPP Rel 6	HSUPA Subtest-5	19.55	19.51	19.43	20.90

【WCDMA II_Ant 2_DSI 6】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	22.87	22.95	22.75	24.00
3GPP Rel 99	RMC 12.2Kbps	22.95	22.99	22.91	24.00
3GPP Rel 6	HSDPA Subtest-1	21.91	22.05	21.91	23.00
3GPP Rel 6	HSDPA Subtest-2	21.95	21.95	21.90	23.00
3GPP Rel 6	HSDPA Subtest-3	21.53	21.43	21.47	22.50
3GPP Rel 6	HSDPA Subtest-4	21.44	21.43	21.34	22.50
3GPP Rel 6	HSUPA Subtest-1	22.00	22.04	21.84	23.00
3GPP Rel 6	HSUPA Subtest-2	19.89	20.03	19.85	21.00
3GPP Rel 6	HSUPA Subtest-3	21.37	21.47	21.45	22.00
3GPP Rel 6	HSUPA Subtest-4	19.99	20.03	19.93	21.00
3GPP Rel 6	HSUPA Subtest-5	21.99	21.93	21.89	23.00

【WCDMA II_Ant 2_DSI 7】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	19.34	19.42	19.17	21.00
3GPP Rel 99	RMC 12.2Kbps	19.43	19.48	19.44	21.00
3GPP Rel 6	HSDPA Subtest-1	18.43	18.58	18.44	20.00
3GPP Rel 6	HSDPA Subtest-2	18.50	18.49	18.32	20.00
3GPP Rel 6	HSDPA Subtest-3	17.97	17.97	17.99	19.50
3GPP Rel 6	HSDPA Subtest-4	17.89	18.00	17.81	19.50
3GPP Rel 6	HSUPA Subtest-1	18.54	18.58	18.33	20.00
3GPP Rel 6	HSUPA Subtest-2	16.35	16.61	16.36	18.00
3GPP Rel 6	HSUPA Subtest-3	17.86	17.98	17.90	19.00
3GPP Rel 6	HSUPA Subtest-4	16.53	16.60	16.43	18.00
3GPP Rel 6	HSUPA Subtest-5	18.53	18.46	18.45	20.00

【WCDMA IV_Ant 2_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	22.60	22.57	22.52	24.00
3GPP Rel 99	RMC 12.2Kbps	22.63	22.65	22.61	24.00
3GPP Rel 6	HSDPA Subtest-1	21.59	21.69	21.63	23.00
3GPP Rel 6	HSDPA Subtest-2	21.59	21.59	21.62	23.00
3GPP Rel 6	HSDPA Subtest-3	21.17	21.19	21.07	22.50
3GPP Rel 6	HSDPA Subtest-4	21.13	21.21	21.16	22.50
3GPP Rel 6	HSUPA Subtest-1	21.56	21.63	21.64	23.00
3GPP Rel 6	HSUPA Subtest-2	19.59	19.70	19.57	21.00
3GPP Rel 6	HSUPA Subtest-3	20.64	20.68	20.69	22.00
3GPP Rel 6	HSUPA Subtest-4	19.66	19.67	19.54	21.00
3GPP Rel 6	HSUPA Subtest-5	21.58	21.72	21.64	23.00

【WCDMA IV_Ant 2_DSI 4】

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	22.60	22.57	22.52	24.00
3GPP Rel 99	RMC 12.2Kbps	22.63	22.65	22.61	24.00
3GPP Rel 6	HSDPA Subtest-1	21.59	21.69	21.63	23.00
3GPP Rel 6	HSDPA Subtest-2	21.59	21.59	21.62	23.00
3GPP Rel 6	HSDPA Subtest-3	21.17	21.19	21.07	22.50
3GPP Rel 6	HSDPA Subtest-4	21.13	21.21	21.16	22.50
3GPP Rel 6	HSUPA Subtest-1	21.56	21.63	21.64	23.00
3GPP Rel 6	HSUPA Subtest-2	19.59	19.70	19.57	21.00
3GPP Rel 6	HSUPA Subtest-3	20.64	20.68	20.69	22.00
3GPP Rel 6	HSUPA Subtest-4	19.66	19.67	19.54	21.00
3GPP Rel 6	HSUPA Subtest-5	21.58	21.72	21.64	23.00

【WCDMA IV_Ant 2_DSI 2】

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	22.60	22.57	22.52	24.00
3GPP Rel 99	RMC 12.2Kbps	22.63	22.65	22.61	24.00
3GPP Rel 6	HSDPA Subtest-1	21.59	21.69	21.63	23.00
3GPP Rel 6	HSDPA Subtest-2	21.59	21.59	21.62	23.00
3GPP Rel 6	HSDPA Subtest-3	21.17	21.19	21.07	22.50
3GPP Rel 6	HSDPA Subtest-4	21.13	21.21	21.16	22.50
3GPP Rel 6	HSUPA Subtest-1	21.56	21.63	21.64	23.00
3GPP Rel 6	HSUPA Subtest-2	19.59	19.70	19.57	21.00
3GPP Rel 6	HSUPA Subtest-3	20.64	20.68	20.69	22.00
3GPP Rel 6	HSUPA Subtest-4	19.66	19.67	19.54	21.00
3GPP Rel 6	HSUPA Subtest-5	21.58	21.72	21.64	23.00

【WCDMA IV_Ant 2_DSI 3】

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	20.07	20.14	19.99	21.60
3GPP Rel 99	RMC 12.2Kbps	20.09	20.15	20.07	21.60
3GPP Rel 6	HSDPA Subtest-1	19.03	19.24	19.16	20.60
3GPP Rel 6	HSDPA Subtest-2	19.11	19.10	19.05	20.60
3GPP Rel 6	HSDPA Subtest-3	18.62	18.76	18.56	20.10
3GPP Rel 6	HSDPA Subtest-4	18.59	18.66	18.59	20.10
3GPP Rel 6	HSUPA Subtest-1	18.98	19.10	19.18	20.60
3GPP Rel 6	HSUPA Subtest-2	17.05	17.25	17.00	18.60
3GPP Rel 6	HSUPA Subtest-3	18.08	18.17	18.21	19.60
3GPP Rel 6	HSUPA Subtest-4	17.12	17.14	17.03	18.60
3GPP Rel 6	HSUPA Subtest-5	19.12	19.30	19.08	20.60

【WCDMA IV_Ant 2_DSI 6】

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	22.07	22.01	22.00	23.30
3GPP Rel 99	RMC 12.2Kbps	22.15	22.21	22.18	23.30
3GPP Rel 6	HSDPA Subtest-1	21.04	21.20	21.20	22.30
3GPP Rel 6	HSDPA Subtest-2	21.04	21.07	21.13	22.30
3GPP Rel 6	HSDPA Subtest-3	20.66	20.63	20.61	21.80
3GPP Rel 6	HSDPA Subtest-4	20.71	20.76	20.66	21.80
3GPP Rel 6	HSUPA Subtest-1	21.05	21.10	21.09	22.30
3GPP Rel 6	HSUPA Subtest-2	19.02	19.16	19.06	20.30
3GPP Rel 6	HSUPA Subtest-3	20.10	20.19	20.15	21.30
3GPP Rel 6	HSUPA Subtest-4	19.09	19.18	19.02	20.30
3GPP Rel 6	HSUPA Subtest-5	21.12	21.24	21.20	22.30

【WCDMA IV_Ant 2_DSI 7】

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	18.18	18.05	18.06	19.50
3GPP Rel 99	RMC 12.2Kbps	18.15	18.19	18.18	19.50
3GPP Rel 6	HSDPA Subtest-1	17.08	17.24	17.18	18.50
3GPP Rel 6	HSDPA Subtest-2	17.06	17.06	17.06	18.50
3GPP Rel 6	HSDPA Subtest-3	16.67	16.72	16.54	18.00
3GPP Rel 6	HSDPA Subtest-4	16.65	16.78	16.72	18.00
3GPP Rel 6	HSUPA Subtest-1	17.00	17.19	17.15	18.50
3GPP Rel 6	HSUPA Subtest-2	15.15	15.26	15.10	16.50
3GPP Rel 6	HSUPA Subtest-3	16.10	16.22	16.16	17.50
3GPP Rel 6	HSUPA Subtest-4	15.14	15.24	15.12	16.50
3GPP Rel 6	HSUPA Subtest-5	17.13	17.26	17.16	18.50

【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	23.16	23.29	23.00	24.00
3GPP Rel 99	RMC 12.2Kbps	23.30	23.35	23.05	24.00
3GPP Rel 6	HSDPA Subtest-1	22.35	22.36	22.05	23.00
3GPP Rel 6	HSDPA Subtest-2	22.30	22.30	22.11	23.00

3GPP Rel 6	HSDPA Subtest-3	21.82	21.91	21.50	22.50
3GPP Rel 6	HSDPA Subtest-4	21.79	21.87	21.60	22.50
3GPP Rel 6	HSUPA Subtest-1	22.28	22.29	22.10	23.00
3GPP Rel 6	HSUPA Subtest-2	20.23	20.31	20.06	21.00
3GPP Rel 6	HSUPA Subtest-3	21.28	21.29	21.07	22.00
3GPP Rel 6	HSUPA Subtest-4	20.25	20.33	20.08	21.00
3GPP Rel 6	HSUPA Subtest-5	22.26	22.41	22.00	23.00

【WCDMA V_Ant 0_DSI 4】

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.16	23.29	23.00	24.00
3GPP Rel 99	RMC 12.2Kbps	23.30	23.35	23.05	24.00
3GPP Rel 6	HSDPA Subtest-1	22.35	22.36	22.05	23.00
3GPP Rel 6	HSDPA Subtest-2	22.30	22.30	22.11	23.00
3GPP Rel 6	HSDPA Subtest-3	21.82	21.91	21.50	22.50
3GPP Rel 6	HSDPA Subtest-4	21.79	21.87	21.60	22.50
3GPP Rel 6	HSUPA Subtest-1	22.28	22.29	22.10	23.00
3GPP Rel 6	HSUPA Subtest-2	20.23	20.31	20.06	21.00
3GPP Rel 6	HSUPA Subtest-3	21.28	21.29	21.07	22.00
3GPP Rel 6	HSUPA Subtest-4	20.25	20.33	20.08	21.00
3GPP Rel 6	HSUPA Subtest-5	22.26	22.41	22.00	23.00

【WCDMA V_Ant 0_DSI 2】

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.16	23.29	23.00	24.00
3GPP Rel 99	RMC 12.2Kbps	23.30	23.35	23.05	24.00
3GPP Rel 6	HSDPA Subtest-1	22.35	22.36	22.05	23.00
3GPP Rel 6	HSDPA Subtest-2	22.30	22.30	22.11	23.00
3GPP Rel 6	HSDPA Subtest-3	21.82	21.91	21.50	22.50
3GPP Rel 6	HSDPA Subtest-4	21.79	21.87	21.60	22.50
3GPP Rel 6	HSUPA Subtest-1	22.28	22.29	22.10	23.00
3GPP Rel 6	HSUPA Subtest-2	20.23	20.31	20.06	21.00
3GPP Rel 6	HSUPA Subtest-3	21.28	21.29	21.07	22.00
3GPP Rel 6	HSUPA Subtest-4	20.25	20.33	20.08	21.00
3GPP Rel 6	HSUPA Subtest-5	22.26	22.41	22.00	23.00

【WCDMA V_Ant 0_DSI 3】

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.16	23.29	23.00	23.80
3GPP Rel 99	RMC 12.2Kbps	23.30	23.35	23.05	23.80
3GPP Rel 6	HSDPA Subtest-1	22.35	22.36	22.05	22.80
3GPP Rel 6	HSDPA Subtest-2	22.30	22.30	22.11	22.80
3GPP Rel 6	HSDPA Subtest-3	21.82	21.91	21.50	22.30
3GPP Rel 6	HSDPA Subtest-4	21.79	21.87	21.60	22.30
3GPP Rel 6	HSUPA Subtest-1	22.28	22.29	22.10	22.80
3GPP Rel 6	HSUPA Subtest-2	20.23	20.31	20.06	20.80
3GPP Rel 6	HSUPA Subtest-3	21.28	21.29	21.07	21.80
3GPP Rel 6	HSUPA Subtest-4	20.25	20.33	20.08	20.80
3GPP Rel 6	HSUPA Subtest-5	22.26	22.41	22.00	22.80

【WCDMA V_Ant 0_DSI 6】

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.16	23.29	23.00	24.00
3GPP Rel 99	RMC 12.2Kbps	23.30	23.35	23.05	24.00
3GPP Rel 6	HSDPA Subtest-1	22.35	22.36	22.05	23.00
3GPP Rel 6	HSDPA Subtest-2	22.30	22.30	22.11	23.00
3GPP Rel 6	HSDPA Subtest-3	21.82	21.91	21.50	22.50
3GPP Rel 6	HSDPA Subtest-4	21.79	21.87	21.60	22.50
3GPP Rel 6	HSUPA Subtest-1	22.28	22.29	22.10	23.00
3GPP Rel 6	HSUPA Subtest-2	20.23	20.31	20.06	21.00
3GPP Rel 6	HSUPA Subtest-3	21.28	21.29	21.07	22.00
3GPP Rel 6	HSUPA Subtest-4	20.25	20.33	20.08	21.00
3GPP Rel 6	HSUPA Subtest-5	22.26	22.41	22.00	23.00

【WCDMA V_Ant 0_DSI 7】

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.16	23.29	23.00	24.00
3GPP Rel 99	RMC 12.2Kbps	23.30	23.35	23.05	24.00
3GPP Rel 6	HSDPA Subtest-1	22.35	22.36	22.05	23.00
3GPP Rel 6	HSDPA Subtest-2	22.30	22.30	22.11	23.00
3GPP Rel 6	HSDPA Subtest-3	21.82	21.91	21.50	22.50
3GPP Rel 6	HSDPA Subtest-4	21.79	21.87	21.60	22.50
3GPP Rel 6	HSUPA Subtest-1	22.28	22.29	22.10	23.00
3GPP Rel 6	HSUPA Subtest-2	20.23	20.31	20.06	21.00
3GPP Rel 6	HSUPA Subtest-3	21.28	21.29	21.07	22.00
3GPP Rel 6	HSUPA Subtest-4	20.25	20.33	20.08	21.00
3GPP Rel 6	HSUPA Subtest-5	22.26	22.41	22.00	23.00

【WCDMA V_Ant 1_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	23.12	23.13	22.96	24.00
3GPP Rel 99	RMC 12.2Kbps	23.25	23.27	23.11	24.00
3GPP Rel 6	HSDPA Subtest-1	22.27	22.29	22.08	23.00
3GPP Rel 6	HSDPA Subtest-2	22.23	22.21	22.16	23.00
3GPP Rel 6	HSDPA Subtest-3	21.73	21.72	21.65	22.50
3GPP Rel 6	HSDPA Subtest-4	21.78	21.75	21.62	22.50
3GPP Rel 6	HSUPA Subtest-1	22.19	22.31	22.07	23.00
3GPP Rel 6	HSUPA Subtest-2	20.27	20.25	20.17	21.00
3GPP Rel 6	HSUPA Subtest-3	21.18	21.20	21.18	22.00
3GPP Rel 6	HSUPA Subtest-4	20.28	20.27	20.13	21.00
3GPP Rel 6	HSUPA Subtest-5	22.31	22.30	22.05	23.00

【WCDMA V_Ant 1_DSI 4】

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.12	23.13	22.96	24.00
3GPP Rel 99	RMC 12.2Kbps	23.25	23.27	23.11	24.00
3GPP Rel 6	HSDPA Subtest-1	22.27	22.29	22.08	23.00
3GPP Rel 6	HSDPA Subtest-2	22.23	22.21	22.16	23.00
3GPP Rel 6	HSDPA Subtest-3	21.73	21.72	21.65	22.50
3GPP Rel 6	HSDPA Subtest-4	21.78	21.75	21.62	22.50
3GPP Rel 6	HSUPA Subtest-1	22.19	22.31	22.07	23.00
3GPP Rel 6	HSUPA Subtest-2	20.27	20.25	20.17	21.00
3GPP Rel 6	HSUPA Subtest-3	21.18	21.20	21.18	22.00
3GPP Rel 6	HSUPA Subtest-4	20.28	20.27	20.13	21.00
3GPP Rel 6	HSUPA Subtest-5	22.31	22.30	22.05	23.00

【WCDMA V_Ant 1_DSI 2】

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.54	22.44	22.37	24.00
3GPP Rel 99	RMC 12.2Kbps	22.57	22.63	22.61	24.00
3GPP Rel 6	HSDPA Subtest-1	21.62	21.58	21.39	23.00
3GPP Rel 6	HSDPA Subtest-2	21.56	21.54	21.50	23.00
3GPP Rel 6	HSDPA Subtest-3	21.16	21.09	20.98	22.50
3GPP Rel 6	HSDPA Subtest-4	21.20	21.06	20.94	22.50
3GPP Rel 6	HSUPA Subtest-1	21.47	21.68	21.35	23.00
3GPP Rel 6	HSUPA Subtest-2	19.56	19.68	19.52	21.00
3GPP Rel 6	HSUPA Subtest-3	20.58	20.59	20.59	22.00
3GPP Rel 6	HSUPA Subtest-4	19.68	19.65	19.45	21.00
3GPP Rel 6	HSUPA Subtest-5	21.69	21.61	21.35	23.00

【WCDMA V_Ant 1_DSI 3】

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.12	23.13	22.96	24.00
3GPP Rel 99	RMC 12.2Kbps	23.25	23.27	23.11	24.00
3GPP Rel 6	HSDPA Subtest-1	22.27	22.29	22.08	23.00
3GPP Rel 6	HSDPA Subtest-2	22.23	22.21	22.16	23.00

3GPP Rel 6	HSDPA Subtest-3	21.73	21.72	21.65	22.50
3GPP Rel 6	HSDPA Subtest-4	21.78	21.75	21.62	22.50
3GPP Rel 6	HSUPA Subtest-1	22.19	22.31	22.07	23.00
3GPP Rel 6	HSUPA Subtest-2	20.27	20.25	20.17	21.00
3GPP Rel 6	HSUPA Subtest-3	21.18	21.20	21.18	22.00
3GPP Rel 6	HSUPA Subtest-4	20.28	20.27	20.13	21.00
3GPP Rel 6	HSUPA Subtest-5	22.31	22.30	22.05	23.00

【WCDMA V_Ant 1_DSI 6】

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.12	23.13	22.96	24.00
3GPP Rel 99	RMC 12.2Kbps	23.25	23.27	23.11	24.00
3GPP Rel 6	HSDPA Subtest-1	22.27	22.29	22.08	23.00
3GPP Rel 6	HSDPA Subtest-2	22.23	22.21	22.16	23.00
3GPP Rel 6	HSDPA Subtest-3	21.73	21.72	21.65	22.50
3GPP Rel 6	HSDPA Subtest-4	21.78	21.75	21.62	22.50
3GPP Rel 6	HSUPA Subtest-1	22.19	22.31	22.07	23.00
3GPP Rel 6	HSUPA Subtest-2	20.27	20.25	20.17	21.00
3GPP Rel 6	HSUPA Subtest-3	21.18	21.20	21.18	22.00
3GPP Rel 6	HSUPA Subtest-4	20.28	20.27	20.13	21.00
3GPP Rel 6	HSUPA Subtest-5	22.31	22.30	22.05	23.00

【WCDMA V_Ant 1_DSI 7】

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	21.62	21.58	21.51	23.40
3GPP Rel 99	RMC 12.2Kbps	21.78	21.84	21.69	23.40
3GPP Rel 6	HSDPA Subtest-1	20.76	20.84	20.59	22.40
3GPP Rel 6	HSDPA Subtest-2	20.77	20.66	20.60	22.40
3GPP Rel 6	HSDPA Subtest-3	20.18	20.29	20.09	21.90
3GPP Rel 6	HSDPA Subtest-4	20.28	20.32	20.10	21.90
3GPP Rel 6	HSUPA Subtest-1	20.62	20.83	20.53	22.40
3GPP Rel 6	HSUPA Subtest-2	18.70	18.78	18.63	20.40
3GPP Rel 6	HSUPA Subtest-3	19.62	19.72	19.72	21.40
3GPP Rel 6	HSUPA Subtest-4	18.85	18.81	18.63	20.40
3GPP Rel 6	HSUPA Subtest-5	20.82	20.86	20.62	22.40

<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	22.95	23.21	23.11	24.00
20	QPSK	1	49	22.43	22.81	22.61	24.00
20	QPSK	1	99	22.47	22.82	22.66	24.00
20	QPSK	50	0	22.62	22.96	22.74	24.00
20	QPSK	50	24	22.50	22.85	22.73	24.00
20	QPSK	50	50	22.40	22.78	22.61	24.00
20	QPSK	100	0	22.48	22.77	22.53	24.00
20	16QAM	1	0	22.74	23.11	23.00	24.00
20	16QAM	1	49	22.84	23.17	22.97	24.00
20	16QAM	1	99	22.86	23.15	23.02	24.00
20	16QAM	50	0	22.10	22.38	22.21	23.50
20	16QAM	50	24	22.05	22.31	22.13	23.50
20	16QAM	50	50	22.04	22.32	22.19	23.50
20	16QAM	100	0	21.83	22.21	22.05	23.50
20	64QAM	1	0	22.50	22.85	22.61	24.00
20	64QAM	1	49	22.50	22.82	22.70	24.00
20	64QAM	1	99	22.18	22.51	22.31	24.00
20	64QAM	50	0	21.94	22.32	22.10	22.50
20	64QAM	50	24	22.07	22.35	22.13	22.50
20	64QAM	50	50	21.60	21.86	21.70	22.50
20	64QAM	100	0	22.19	22.49	22.38	22.50
20	256QAM	1	0	19.20	19.44	19.34	20.50
20	256QAM	1	49	19.23	19.50	19.34	20.50
20	256QAM	1	99	19.22	19.57	19.42	20.50
20	256QAM	50	0	19.05	19.36	19.23	20.50
20	256QAM	50	24	19.13	19.38	19.22	20.50
20	256QAM	50	50	19.04	19.35	19.18	20.50
20	256QAM	100	0	19.08	19.41	19.18	20.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	22.85	23.19	23.07	24.00
15	QPSK	1	37	22.35	22.71	22.53	24.00
15	QPSK	1	74	22.37	22.75	22.57	24.00
15	QPSK	36	0	22.51	22.94	22.62	24.00
15	QPSK	36	20	22.41	22.81	22.65	24.00
15	QPSK	36	39	22.39	22.75	22.51	24.00
15	QPSK	75	0	22.41	22.69	22.42	24.00
15	16QAM	1	0	22.65	23.07	22.94	24.00
15	16QAM	1	37	22.71	23.03	22.86	24.00
15	16QAM	1	74	22.82	23.02	22.92	24.00
15	16QAM	36	0	21.99	22.24	22.16	23.50
15	16QAM	36	20	21.94	22.22	22.05	23.50
15	16QAM	36	39	21.98	22.27	22.05	23.50
15	16QAM	75	0	21.79	22.06	22.01	23.50
15	64QAM	1	0	22.47	22.75	22.51	24.00
15	64QAM	1	37	22.45	22.71	22.62	24.00
15	64QAM	1	74	22.09	22.40	22.22	24.00
15	64QAM	36	0	21.80	22.30	21.99	22.50
15	64QAM	36	20	22.02	22.25	22.07	22.50
15	64QAM	36	39	21.51	21.71	21.63	22.50
15	64QAM	75	0	22.16	22.42	22.37	22.50
15	256QAM	1	0	19.12	19.30	19.21	20.50
15	256QAM	1	37	19.21	19.40	19.19	20.50
15	256QAM	1	74	19.08	19.55	19.28	20.50
15	256QAM	36	0	18.97	19.24	19.13	20.50
15	256QAM	36	20	19.11	19.35	19.18	20.50
15	256QAM	36	39	18.89	19.32	19.16	20.50
15	256QAM	75	0	19.06	19.36	19.07	20.50
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	22.85	23.16	23.03	24.00
10	QPSK	1	25	22.34	22.69	22.56	24.00
10	QPSK	1	49	22.43	22.73	22.54	24.00

10	QPSK	25	0	22.56	22.88	22.62	24.00
10	QPSK	25	12	22.44	22.80	22.70	24.00
10	QPSK	25	25	22.31	22.68	22.57	24.00
10	QPSK	50	0	22.47	22.66	22.52	24.00
10	16QAM	1	0	22.64	23.03	22.92	24.00
10	16QAM	1	25	22.82	23.09	22.83	24.00
10	16QAM	1	49	22.72	23.11	22.94	24.00
10	16QAM	25	0	22.01	22.26	22.12	23.50
10	16QAM	25	12	21.95	22.18	22.04	23.50
10	16QAM	25	25	21.98	22.21	22.16	23.50
10	16QAM	50	0	21.75	22.15	21.97	23.50
10	64QAM	1	0	22.40	22.76	22.59	24.00
10	64QAM	1	25	22.36	22.77	22.64	24.00
10	64QAM	1	49	22.08	22.41	22.21	24.00
10	64QAM	25	0	21.81	22.26	22.03	22.50
10	64QAM	25	12	21.93	22.30	22.03	22.50
10	64QAM	25	25	21.56	21.77	21.67	22.50
10	64QAM	50	0	22.05	22.45	22.30	22.50
10	256QAM	1	0	19.19	19.35	19.20	20.50
10	256QAM	1	25	19.21	19.49	19.25	20.50
10	256QAM	1	49	19.16	19.50	19.39	20.50
10	256QAM	25	0	18.90	19.33	19.19	20.50
10	256QAM	25	12	18.99	19.32	19.14	20.50
10	256QAM	25	25	19.03	19.24	19.10	20.50
10	256QAM	50	0	18.94	19.27	19.03	20.50
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	22.84	23.16	23.09	24.00
5	QPSK	1	12	22.40	22.74	22.55	24.00
5	QPSK	1	24	22.39	22.69	22.55	24.00
5	QPSK	12	0	22.53	22.87	22.66	24.00
5	QPSK	12	7	22.39	22.81	22.69	24.00
5	QPSK	12	13	22.33	22.69	22.52	24.00
5	QPSK	25	0	22.44	22.75	22.42	24.00
5	16QAM	1	0	22.68	23.01	22.95	24.00
5	16QAM	1	12	22.71	23.04	22.89	24.00
5	16QAM	1	24	22.84	23.11	22.93	24.00
5	16QAM	12	0	22.01	22.35	22.13	23.50
5	16QAM	12	7	21.93	22.20	22.01	23.50
5	16QAM	12	13	22.00	22.30	22.05	23.50
5	16QAM	25	0	21.79	22.17	22.00	23.50
5	64QAM	1	0	22.45	22.77	22.55	24.00
5	64QAM	1	12	22.38	22.77	22.61	24.00
5	64QAM	1	24	22.10	22.37	22.16	24.00
5	64QAM	12	0	21.86	22.26	22.00	22.50
5	64QAM	12	7	22.00	22.29	22.02	22.50
5	64QAM	12	13	21.55	21.82	21.66	22.50
5	64QAM	25	0	22.15	22.41	22.36	22.50
5	256QAM	1	0	19.07	19.35	19.31	20.50
5	256QAM	1	12	19.21	19.48	19.26	20.50
5	256QAM	1	24	19.13	19.50	19.32	20.50
5	256QAM	12	0	18.92	19.31	19.12	20.50
5	256QAM	12	7	19.02	19.31	19.19	20.50
5	256QAM	12	13	18.94	19.31	19.08	20.50
5	256QAM	25	0	18.96	19.39	19.09	20.50
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	22.82	23.06	23.02	24.00
3	QPSK	1	8	22.36	22.79	22.54	24.00
3	QPSK	1	14	22.34	22.77	22.55	24.00
3	QPSK	8	0	22.49	22.91	22.71	24.00
3	QPSK	8	4	22.47	22.75	22.72	24.00
3	QPSK	8	7	22.37	22.75	22.48	24.00
3	QPSK	15	0	22.46	22.67	22.49	24.00
3	16QAM	1	0	22.62	23.07	22.89	24.00
3	16QAM	1	8	22.75	23.12	22.92	24.00
3	16QAM	1	14	22.84	23.07	22.95	24.00
3	16QAM	8	0	21.96	22.23	22.10	23.50
3	16QAM	8	4	22.03	22.26	22.09	23.50
3	16QAM	8	7	21.90	22.19	22.13	23.50
3	16QAM	15	0	21.77	22.07	21.90	23.50
3	64QAM	1	0	22.36	22.77	22.59	24.00
3	64QAM	1	8	22.40	22.74	22.65	24.00
3	64QAM	1	14	22.15	22.41	22.24	24.00
3	64QAM	8	0	21.91	22.27	22.00	22.50
3	64QAM	8	4	22.00	22.29	22.00	22.50
3	64QAM	8	7	21.52	21.77	21.68	22.50

3	64QAM	15	0	22.13	22.42	22.24	22.50
3	256QAM	1	0	19.12	19.35	19.26	20.50
3	256QAM	1	8	19.10	19.39	19.23	20.50
3	256QAM	1	14	19.20	19.54	19.36	20.50
3	256QAM	8	0	18.96	19.24	19.19	20.50
3	256QAM	8	4	19.03	19.24	19.18	20.50
3	256QAM	8	7	19.02	19.34	19.13	20.50
3	256QAM	15	0	19.06	19.34	19.06	20.50
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	22.89	23.17	23.04	24.00
1.4	QPSK	1	3	22.29	22.70	22.52	24.00
1.4	QPSK	1	5	22.42	22.74	22.57	24.00
1.4	QPSK	3	0	22.56	22.92	22.61	24.00
1.4	QPSK	3	1	22.39	22.82	22.68	24.00
1.4	QPSK	3	3	22.36	22.76	22.48	24.00
1.4	QPSK	6	0	22.43	22.70	22.49	24.00
1.4	16QAM	1	0	22.60	22.97	22.98	24.00
1.4	16QAM	1	3	22.79	23.02	22.86	24.00
1.4	16QAM	1	5	22.71	23.12	22.90	24.00
1.4	16QAM	3	0	22.07	22.25	22.18	23.50
1.4	16QAM	3	1	21.99	22.18	22.08	23.50
1.4	16QAM	3	3	21.91	22.17	22.10	23.50
1.4	16QAM	6	0	21.71	22.14	22.00	23.50
1.4	64QAM	1	0	22.42	22.80	22.52	24.00
1.4	64QAM	1	3	22.38	22.72	22.58	24.00
1.4	64QAM	1	5	22.13	22.48	22.17	24.00
1.4	64QAM	3	0	21.88	22.30	22.06	22.50
1.4	64QAM	3	1	21.99	22.31	22.08	22.50
1.4	64QAM	3	3	21.58	21.75	21.57	22.50
1.4	64QAM	6	0	22.14	22.42	22.26	22.50
1.4	256QAM	1	0	19.11	19.42	19.31	20.50
1.4	256QAM	1	3	19.20	19.44	19.23	20.50
1.4	256QAM	1	5	19.13	19.47	19.39	20.50
1.4	256QAM	3	0	19.00	19.25	19.10	20.50
1.4	256QAM	3	1	19.02	19.28	19.19	20.50
1.4	256QAM	3	3	18.93	19.22	19.05	20.50
1.4	256QAM	6	0	19.04	19.37	19.07	20.50

【LTE Band 2_Ant 1_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	22.95	23.21	23.11	24.00
20	QPSK	1	49	22.43	22.81	22.61	24.00
20	QPSK	1	99	22.47	22.82	22.66	24.00
20	QPSK	50	0	22.62	22.96	22.74	24.00
20	QPSK	50	24	22.50	22.85	22.73	24.00
20	QPSK	50	50	22.40	22.78	22.61	24.00
20	QPSK	100	0	22.48	22.77	22.53	24.00
20	16QAM	1	0	22.74	23.11	23.00	24.00
20	16QAM	1	49	22.84	23.17	22.97	24.00
20	16QAM	1	99	22.86	23.15	23.02	24.00
20	16QAM	50	0	22.10	22.38	22.21	23.50
20	16QAM	50	24	22.05	22.31	22.13	23.50
20	16QAM	50	50	22.04	22.32	22.19	23.50
20	16QAM	100	0	21.83	22.21	22.05	23.50
20	64QAM	1	0	22.50	22.85	22.61	24.00
20	64QAM	1	49	22.50	22.82	22.70	24.00
20	64QAM	1	99	22.18	22.51	22.31	24.00
20	64QAM	50	0	21.94	22.32	22.10	22.50
20	64QAM	50	24	22.07	22.35	22.13	22.50
20	64QAM	50	50	21.60	21.86	21.70	22.50
20	64QAM	100	0	22.19	22.49	22.38	22.50
20	256QAM	1	0	19.20	19.44	19.34	20.50
20	256QAM	1	49	19.23	19.50	19.34	20.50
20	256QAM	1	99	19.22	19.57	19.42	20.50
20	256QAM	50	0	19.05	19.36	19.23	20.50
20	256QAM	50	24	19.13	19.38	19.22	20.50
20	256QAM	50	50	19.04	19.35	19.18	20.50
20	256QAM	100	0	19.08	19.41	19.18	20.50

Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	22.85	23.19	23.07	24.00
15	QPSK	1	37	22.35	22.71	22.53	24.00
15	QPSK	1	74	22.37	22.75	22.57	24.00
15	QPSK	36	0	22.51	22.94	22.62	24.00
15	QPSK	36	20	22.41	22.81	22.65	24.00
15	QPSK	36	39	22.39	22.75	22.51	24.00
15	QPSK	75	0	22.41	22.69	22.42	24.00
15	16QAM	1	0	22.65	23.07	22.94	24.00
15	16QAM	1	37	22.71	23.03	22.86	24.00
15	16QAM	1	74	22.82	23.02	22.92	24.00
15	16QAM	36	0	21.99	22.24	22.16	23.50
15	16QAM	36	20	21.94	22.22	22.05	23.50
15	16QAM	36	39	21.98	22.27	22.05	23.50
15	16QAM	75	0	21.79	22.06	22.01	23.50
15	64QAM	1	0	22.47	22.75	22.51	24.00
15	64QAM	1	37	22.45	22.71	22.62	24.00
15	64QAM	1	74	22.09	22.40	22.22	24.00
15	64QAM	36	0	21.80	22.30	21.99	22.50
15	64QAM	36	20	22.02	22.25	22.07	22.50
15	64QAM	36	39	21.51	21.71	21.63	22.50
15	64QAM	75	0	22.16	22.42	22.37	22.50
15	256QAM	1	0	19.12	19.30	19.21	20.50
15	256QAM	1	37	19.21	19.40	19.19	20.50
15	256QAM	1	74	19.08	19.55	19.28	20.50
15	256QAM	36	0	18.97	19.24	19.13	20.50
15	256QAM	36	20	19.11	19.35	19.18	20.50
15	256QAM	36	39	18.89	19.32	19.16	20.50
15	256QAM	75	0	19.06	19.36	19.07	20.50
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	22.85	23.16	23.03	24.00
10	QPSK	1	25	22.34	22.69	22.56	24.00
10	QPSK	1	49	22.43	22.73	22.54	24.00
10	QPSK	25	0	22.56	22.88	22.62	24.00
10	QPSK	25	12	22.44	22.80	22.70	24.00
10	QPSK	25	25	22.31	22.68	22.57	24.00
10	QPSK	50	0	22.47	22.66	22.52	24.00
10	16QAM	1	0	22.64	23.03	22.92	24.00
10	16QAM	1	25	22.82	23.09	22.83	24.00
10	16QAM	1	49	22.72	23.11	22.94	24.00
10	16QAM	25	0	22.01	22.26	22.12	23.50
10	16QAM	25	12	21.95	22.18	22.04	23.50
10	16QAM	25	25	21.98	22.21	22.16	23.50
10	16QAM	50	0	21.75	22.15	21.97	23.50
10	64QAM	1	0	22.40	22.76	22.59	24.00
10	64QAM	1	25	22.36	22.77	22.64	24.00
10	64QAM	1	49	22.08	22.41	22.21	24.00
10	64QAM	25	0	21.81	22.26	22.03	22.50
10	64QAM	25	12	21.93	22.30	22.03	22.50
10	64QAM	25	25	21.56	21.77	21.67	22.50
10	64QAM	50	0	22.05	22.45	22.30	22.50
10	256QAM	1	0	19.19	19.35	19.20	20.50
10	256QAM	1	25	19.21	19.49	19.25	20.50
10	256QAM	1	49	19.16	19.50	19.39	20.50
10	256QAM	25	0	18.90	19.33	19.19	20.50
10	256QAM	25	12	18.99	19.32	19.14	20.50
10	256QAM	25	25	19.03	19.24	19.10	20.50
10	256QAM	50	0	18.94	19.27	19.03	20.50
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	22.84	23.16	23.09	24.00
5	QPSK	1	12	22.40	22.74	22.55	24.00
5	QPSK	1	24	22.39	22.69	22.55	24.00
5	QPSK	12	0	22.53	22.87	22.66	24.00
5	QPSK	12	7	22.39	22.81	22.69	24.00
5	QPSK	12	13	22.33	22.69	22.52	24.00
5	QPSK	25	0	22.44	22.75	22.42	24.00
5	16QAM	1	0	22.68	23.01	22.95	24.00
5	16QAM	1	12	22.71	23.04	22.89	24.00
5	16QAM	1	24	22.84	23.11	22.93	24.00
5	16QAM	12	0	22.01	22.35	22.13	23.50
5	16QAM	12	7	21.93	22.20	22.01	23.50
5	16QAM	12	13	22.00	22.30	22.05	23.50
5	16QAM	25	0	21.79	22.17	22.00	23.50
5	64QAM	1	0	22.45	22.77	22.55	24.00

5	64QAM	1	12	22.38	22.77	22.61	24.00
5	64QAM	1	24	22.10	22.37	22.16	24.00
5	64QAM	12	0	21.86	22.26	22.00	22.50
5	64QAM	12	7	22.00	22.29	22.02	22.50
5	64QAM	12	13	21.55	21.82	21.66	22.50
5	64QAM	25	0	22.15	22.41	22.36	22.50
5	256QAM	1	0	19.07	19.35	19.31	20.50
5	256QAM	1	12	19.21	19.48	19.26	20.50
5	256QAM	1	24	19.13	19.50	19.32	20.50
5	256QAM	12	0	18.92	19.31	19.12	20.50
5	256QAM	12	7	19.02	19.31	19.19	20.50
5	256QAM	12	13	18.94	19.31	19.08	20.50
5	256QAM	25	0	18.96	19.39	19.09	20.50
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	22.82	23.06	23.02	24.00
3	QPSK	1	8	22.36	22.79	22.54	24.00
3	QPSK	1	14	22.34	22.77	22.55	24.00
3	QPSK	8	0	22.49	22.91	22.71	24.00
3	QPSK	8	4	22.47	22.75	22.72	24.00
3	QPSK	8	7	22.37	22.75	22.48	24.00
3	QPSK	15	0	22.46	22.67	22.49	24.00
3	16QAM	1	0	22.62	23.07	22.89	24.00
3	16QAM	1	8	22.75	23.12	22.92	24.00
3	16QAM	1	14	22.84	23.07	22.95	24.00
3	16QAM	8	0	21.96	22.23	22.10	23.50
3	16QAM	8	4	22.03	22.26	22.09	23.50
3	16QAM	8	7	21.90	22.19	22.13	23.50
3	16QAM	15	0	21.77	22.07	21.90	23.50
3	64QAM	1	0	22.36	22.77	22.59	24.00
3	64QAM	1	8	22.40	22.74	22.65	24.00
3	64QAM	1	14	22.15	22.41	22.24	24.00
3	64QAM	8	0	21.91	22.27	22.00	22.50
3	64QAM	8	4	22.00	22.29	22.00	22.50
3	64QAM	8	7	21.52	21.77	21.68	22.50
3	64QAM	15	0	22.13	22.42	22.24	22.50
3	256QAM	1	0	19.12	19.35	19.26	20.50
3	256QAM	1	8	19.10	19.39	19.23	20.50
3	256QAM	1	14	19.20	19.54	19.36	20.50
3	256QAM	8	0	18.96	19.24	19.19	20.50
3	256QAM	8	4	19.03	19.24	19.18	20.50
3	256QAM	8	7	19.02	19.34	19.13	20.50
3	256QAM	15	0	19.06	19.34	19.06	20.50
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	22.89	23.17	23.04	24.00
1.4	QPSK	1	3	22.29	22.70	22.52	24.00
1.4	QPSK	1	5	22.42	22.74	22.57	24.00
1.4	QPSK	3	0	22.56	22.92	22.61	24.00
1.4	QPSK	3	1	22.39	22.82	22.68	24.00
1.4	QPSK	3	3	22.36	22.76	22.48	24.00
1.4	QPSK	6	0	22.43	22.70	22.49	24.00
1.4	16QAM	1	0	22.60	22.97	22.98	24.00
1.4	16QAM	1	3	22.79	23.02	22.86	24.00
1.4	16QAM	1	5	22.71	23.12	22.90	24.00
1.4	16QAM	3	0	22.07	22.25	22.18	23.50
1.4	16QAM	3	1	21.99	22.18	22.08	23.50
1.4	16QAM	3	3	21.91	22.17	22.10	23.50
1.4	16QAM	6	0	21.71	22.14	22.00	23.50
1.4	64QAM	1	0	22.42	22.80	22.52	24.00
1.4	64QAM	1	3	22.38	22.72	22.58	24.00
1.4	64QAM	1	5	22.13	22.48	22.17	24.00
1.4	64QAM	3	0	21.88	22.30	22.06	22.50
1.4	64QAM	3	1	21.99	22.31	22.08	22.50
1.4	64QAM	3	3	21.58	21.75	21.57	22.50
1.4	64QAM	6	0	22.14	22.42	22.26	22.50
1.4	256QAM	1	0	19.11	19.42	19.31	20.50
1.4	256QAM	1	3	19.20	19.44	19.23	20.50
1.4	256QAM	1	5	19.13	19.47	19.39	20.50
1.4	256QAM	3	0	19.00	19.25	19.10	20.50
1.4	256QAM	3	1	19.02	19.28	19.19	20.50
1.4	256QAM	3	3	18.93	19.22	19.05	20.50
1.4	256QAM	6	0	19.04	19.37	19.07	20.50

[LTE Band 2_Ant 1_DSI 2]

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	17.62	17.69	17.65	18.10
20	QPSK	1	49	17.36	17.55	17.37	18.10
20	QPSK	1	99	17.39	17.58	17.43	18.10
20	QPSK	50	0	17.63	17.67	17.61	18.10
20	QPSK	50	24	17.42	17.60	17.44	18.10
20	QPSK	50	50	17.42	17.62	17.54	18.10
20	QPSK	100	0	17.45	17.65	17.53	18.10
20	16QAM	1	0	17.43	17.60	17.47	18.10
20	16QAM	1	49	17.32	17.53	17.43	18.10
20	16QAM	1	99	17.41	17.57	17.43	18.10
20	16QAM	50	0	17.43	17.57	17.46	18.10
20	16QAM	50	24	17.44	17.56	17.42	18.10
20	16QAM	50	50	17.40	17.59	17.47	18.10
20	16QAM	100	0	17.46	17.60	17.52	18.10
20	64QAM	1	0	17.42	17.60	17.44	18.10
20	64QAM	1	49	17.42	17.62	17.48	18.10
20	64QAM	1	99	17.50	17.68	17.53	18.10
20	64QAM	50	0	17.39	17.54	17.36	18.10
20	64QAM	50	24	17.47	17.56	17.44	18.10
20	64QAM	50	50	17.46	17.60	17.41	18.10
20	64QAM	100	0	17.55	17.68	17.50	18.10
20	256QAM	1	0	17.42	17.58	17.46	18.10
20	256QAM	1	49	17.55	17.63	17.55	18.10
20	256QAM	1	99	17.49	17.60	17.47	18.10
20	256QAM	50	0	17.40	17.57	17.41	18.10
20	256QAM	50	24	17.44	17.53	17.44	18.10
20	256QAM	50	50	17.57	17.65	17.59	18.10
20	256QAM	100	0	17.47	17.66	17.50	18.10
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	17.54	17.64	17.58	18.10
15	QPSK	1	37	17.23	17.48	17.31	18.10
15	QPSK	1	74	17.31	17.53	17.39	18.10
15	QPSK	36	0	17.25	17.54	17.36	18.10
15	QPSK	36	20	17.54	17.65	17.58	18.10
15	QPSK	36	39	17.28	17.50	17.42	18.10
15	QPSK	75	0	17.36	17.53	17.38	18.10
15	16QAM	1	0	17.33	17.57	17.45	18.10
15	16QAM	1	37	17.27	17.49	17.32	18.10
15	16QAM	1	74	17.28	17.45	17.38	18.10
15	16QAM	36	0	17.41	17.51	17.43	18.10
15	16QAM	36	20	17.40	17.41	17.37	18.10
15	16QAM	36	39	17.28	17.54	17.46	18.10
15	16QAM	75	0	17.41	17.46	17.48	18.10
15	64QAM	1	0	17.36	17.45	17.35	18.10
15	64QAM	1	37	17.30	17.58	17.41	18.10
15	64QAM	1	74	17.37	17.54	17.50	18.10
15	64QAM	36	0	17.30	17.45	17.33	18.10
15	64QAM	36	20	17.43	17.48	17.40	18.10
15	64QAM	36	39	17.42	17.55	17.39	18.10
15	64QAM	75	0	17.43	17.57	17.46	18.10
15	256QAM	1	0	17.30	17.51	17.33	18.10
15	256QAM	1	37	17.48	17.55	17.42	18.10
15	256QAM	1	74	17.47	17.58	17.41	18.10
15	256QAM	36	0	17.31	17.53	17.32	18.10
15	256QAM	36	20	17.41	17.39	17.31	18.10
15	256QAM	36	39	17.53	17.57	17.44	18.10
15	256QAM	75	0	17.41	17.63	17.40	18.10
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	17.57	17.60	17.53	18.10
10	QPSK	1	25	17.33	17.50	17.30	18.10
10	QPSK	1	49	17.25	17.45	17.29	18.10
10	QPSK	25	0	17.35	17.49	17.31	18.10
10	QPSK	25	12	17.58	17.55	17.52	18.10
10	QPSK	25	25	17.30	17.60	17.49	18.10
10	QPSK	50	0	17.42	17.63	17.44	18.10
10	16QAM	1	0	17.36	17.53	17.34	18.10
10	16QAM	1	25	17.29	17.44	17.37	18.10
10	16QAM	1	49	17.32	17.47	17.38	18.10

10	16QAM	25	0	17.29	17.55	17.43	18.10
10	16QAM	25	12	17.35	17.45	17.28	18.10
10	16QAM	25	25	17.36	17.49	17.36	18.10
10	16QAM	50	0	17.41	17.56	17.47	18.10
10	64QAM	1	0	17.37	17.52	17.41	18.10
10	64QAM	1	25	17.28	17.55	17.38	18.10
10	64QAM	1	49	17.41	17.53	17.47	18.10
10	64QAM	25	0	17.35	17.52	17.22	18.10
10	64QAM	25	12	17.44	17.44	17.39	18.10
10	64QAM	25	25	17.40	17.47	17.35	18.10
10	64QAM	50	0	17.45	17.63	17.35	18.10
10	256QAM	1	0	17.34	17.54	17.31	18.10
10	256QAM	1	25	17.43	17.60	17.47	18.10
10	256QAM	1	49	17.39	17.49	17.46	18.10
10	256QAM	25	0	17.33	17.49	17.33	18.10
10	256QAM	25	12	17.38	17.49	17.37	18.10
10	256QAM	25	25	17.42	17.62	17.50	18.10
10	256QAM	50	0	17.36	17.64	17.47	18.10
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	17.60	17.61	17.53	18.10
5	QPSK	1	12	17.33	17.45	17.33	18.10
5	QPSK	1	24	17.27	17.45	17.37	18.10
5	QPSK	12	0	17.26	17.49	17.28	18.10
5	QPSK	12	7	17.60	17.61	17.47	18.10
5	QPSK	12	13	17.32	17.56	17.45	18.10
5	QPSK	25	0	17.32	17.60	17.41	18.10
5	16QAM	1	0	17.29	17.50	17.42	18.10
5	16QAM	1	12	17.20	17.45	17.39	18.10
5	16QAM	1	24	17.34	17.50	17.37	18.10
5	16QAM	12	0	17.37	17.47	17.38	18.10
5	16QAM	12	7	17.31	17.53	17.38	18.10
5	16QAM	12	13	17.34	17.48	17.44	18.10
5	16QAM	25	0	17.43	17.49	17.38	18.10
5	64QAM	1	0	17.40	17.51	17.29	18.10
5	64QAM	1	12	17.32	17.54	17.36	18.10
5	64QAM	1	24	17.44	17.56	17.43	18.10
5	64QAM	12	0	17.33	17.45	17.24	18.10
5	64QAM	12	7	17.40	17.50	17.30	18.10
5	64QAM	12	13	17.41	17.49	17.32	18.10
5	64QAM	25	0	17.42	17.61	17.47	18.10
5	256QAM	1	0	17.28	17.44	17.40	18.10
5	256QAM	1	12	17.45	17.53	17.49	18.10
5	256QAM	1	24	17.42	17.48	17.33	18.10
5	256QAM	12	0	17.26	17.46	17.30	18.10
5	256QAM	12	7	17.37	17.46	17.30	18.10
5	256QAM	12	13	17.42	17.55	17.44	18.10
5	256QAM	25	0	17.38	17.65	17.37	18.10
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	17.53	17.62	17.56	18.10
3	QPSK	1	8	17.34	17.53	17.30	18.10
3	QPSK	1	14	17.26	17.47	17.33	18.10
3	QPSK	8	0	17.30	17.49	17.33	18.10
3	QPSK	8	4	17.58	17.63	17.52	18.10
3	QPSK	8	7	17.36	17.53	17.42	18.10
3	QPSK	15	0	17.36	17.50	17.45	18.10
3	16QAM	1	0	17.29	17.49	17.37	18.10
3	16QAM	1	8	17.22	17.50	17.39	18.10
3	16QAM	1	14	17.39	17.42	17.29	18.10
3	16QAM	8	0	17.33	17.42	17.33	18.10
3	16QAM	8	4	17.38	17.43	17.34	18.10
3	16QAM	8	7	17.25	17.54	17.41	18.10
3	16QAM	15	0	17.43	17.51	17.47	18.10
3	64QAM	1	0	17.38	17.59	17.33	18.10
3	64QAM	1	8	17.29	17.52	17.44	18.10
3	64QAM	1	14	17.36	17.57	17.46	18.10
3	64QAM	8	0	17.37	17.46	17.23	18.10
3	64QAM	8	4	17.38	17.50	17.34	18.10
3	64QAM	8	7	17.32	17.46	17.30	18.10
3	64QAM	15	0	17.43	17.58	17.46	18.10
3	256QAM	1	0	17.35	17.53	17.44	18.10
3	256QAM	1	8	17.52	17.59	17.43	18.10
3	256QAM	1	14	17.41	17.50	17.44	18.10
3	256QAM	8	0	17.38	17.43	17.34	18.10
3	256QAM	8	4	17.36	17.38	17.31	18.10
3	256QAM	8	7	17.47	17.59	17.49	18.10

3	256QAM	15	0	17.39	17.52	17.37	18.10
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	17.50	17.66	17.61	18.10
1.4	QPSK	1	3	17.26	17.44	17.31	18.10
1.4	QPSK	1	5	17.26	17.46	17.30	18.10
1.4	QPSK	3	0	17.26	17.55	17.36	18.10
1.4	QPSK	3	1	17.55	17.66	17.48	18.10
1.4	QPSK	3	3	17.37	17.55	17.48	18.10
1.4	QPSK	6	0	17.41	17.59	17.51	18.10
1.4	16QAM	1	0	17.30	17.49	17.38	18.10
1.4	16QAM	1	3	17.26	17.52	17.28	18.10
1.4	16QAM	1	5	17.39	17.46	17.34	18.10
1.4	16QAM	3	0	17.41	17.48	17.32	18.10
1.4	16QAM	3	1	17.43	17.55	17.29	18.10
1.4	16QAM	3	3	17.36	17.50	17.38	18.10
1.4	16QAM	6	0	17.37	17.52	17.49	18.10
1.4	64QAM	1	0	17.29	17.55	17.34	18.10
1.4	64QAM	1	3	17.29	17.49	17.39	18.10
1.4	64QAM	1	5	17.36	17.60	17.52	18.10
1.4	64QAM	3	0	17.28	17.50	17.34	18.10
1.4	64QAM	3	1	17.42	17.51	17.32	18.10
1.4	64QAM	3	3	17.44	17.48	17.29	18.10
1.4	64QAM	6	0	17.49	17.65	17.41	18.10
1.4	256QAM	1	0	17.33	17.53	17.41	18.10
1.4	256QAM	1	3	17.41	17.54	17.45	18.10
1.4	256QAM	1	5	17.40	17.51	17.41	18.10
1.4	256QAM	3	0	17.33	17.43	17.35	18.10
1.4	256QAM	3	1	17.35	17.46	17.34	18.10
1.4	256QAM	3	3	17.45	17.55	17.50	18.10
1.4	256QAM	6	0	17.38	17.56	17.47	18.10

[LTE Band 2_Ant 1_DSI 3]

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	16.25	16.31	16.27	16.40
20	QPSK	1	49	16.11	16.26	16.09	16.40
20	QPSK	1	99	15.95	16.14	16.07	16.40
20	QPSK	50	0	16.25	16.29	16.23	16.40
20	QPSK	50	24	16.07	16.19	16.07	16.40
20	QPSK	50	50	16.16	16.28	16.17	16.40
20	QPSK	100	0	15.92	16.13	16.07	16.40
20	16QAM	1	0	16.01	16.14	16.03	16.40
20	16QAM	1	49	16.01	16.13	15.97	16.40
20	16QAM	1	99	16.16	16.28	16.10	16.40
20	16QAM	50	0	16.12	16.24	16.13	16.40
20	16QAM	50	24	16.13	16.28	16.23	16.40
20	16QAM	50	50	16.09	16.20	16.12	16.40
20	16QAM	100	0	16.08	16.19	16.06	16.40
20	64QAM	1	0	16.12	16.21	16.06	16.40
20	64QAM	1	49	16.01	16.15	15.99	16.40
20	64QAM	1	99	16.16	16.23	16.05	16.40
20	64QAM	50	0	15.98	16.12	16.00	16.40
20	64QAM	50	24	16.12	16.25	16.14	16.40
20	64QAM	50	50	16.13	16.27	16.15	16.40
20	64QAM	100	0	16.02	16.19	16.11	16.40
20	256QAM	1	0	16.04	16.21	16.07	16.40
20	256QAM	1	49	16.12	16.27	16.18	16.40
20	256QAM	1	99	16.13	16.20	16.10	16.40
20	256QAM	50	0	16.07	16.22	16.12	16.40
20	256QAM	50	24	15.97	16.14	16.00	16.40
20	256QAM	50	50	15.97	16.14	15.96	16.40
20	256QAM	100	0	16.03	16.18	16.04	16.40
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	16.19	16.22	16.20	16.40
15	QPSK	1	37	16.01	16.22	16.05	16.40
15	QPSK	1	74	15.83	16.09	15.97	16.40
15	QPSK	36	0	16.17	16.14	16.19	16.40
15	QPSK	36	20	15.99	16.08	15.98	16.40

15	QPSK	36	39	16.12	16.20	16.08	16.40
15	QPSK	75	0	15.82	16.10	16.03	16.40
15	16QAM	1	0	15.90	16.09	15.95	16.40
15	16QAM	1	37	16.00	16.05	15.92	16.40
15	16QAM	1	74	16.12	16.25	16.05	16.40
15	16QAM	36	0	16.08	16.17	16.05	16.40
15	16QAM	36	20	16.04	16.18	16.16	16.40
15	16QAM	36	39	16.02	16.17	16.01	16.40
15	16QAM	75	0	15.93	16.15	15.95	16.40
15	64QAM	1	0	16.03	16.19	15.94	16.40
15	64QAM	1	37	15.87	16.13	15.89	16.40
15	64QAM	1	74	16.10	16.12	15.94	16.40
15	64QAM	36	0	15.90	16.06	15.87	16.40
15	64QAM	36	20	16.09	16.22	16.07	16.40
15	64QAM	36	39	15.99	16.13	16.09	16.40
15	64QAM	75	0	15.88	16.07	16.05	16.40
15	256QAM	1	0	15.98	16.12	16.01	16.40
15	256QAM	1	37	16.10	16.25	16.11	16.40
15	256QAM	1	74	16.00	16.12	16.06	16.40
15	256QAM	36	0	15.94	16.10	16.04	16.40
15	256QAM	36	20	15.83	16.01	15.99	16.40
15	256QAM	36	39	15.87	16.03	15.89	16.40
15	256QAM	75	0	15.92	16.04	15.94	16.40
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	16.16	16.17	16.19	16.40
10	QPSK	1	25	16.03	16.25	16.08	16.40
10	QPSK	1	49	15.81	16.03	16.00	16.40
10	QPSK	25	0	16.13	16.23	16.09	16.40
10	QPSK	25	12	16.03	16.17	16.02	16.40
10	QPSK	25	25	16.07	16.20	16.04	16.40
10	QPSK	50	0	15.85	15.99	15.96	16.40
10	16QAM	1	0	15.91	16.02	15.96	16.40
10	16QAM	1	25	15.98	16.03	15.85	16.40
10	16QAM	1	49	16.04	16.18	16.01	16.40
10	16QAM	25	0	16.08	16.15	16.07	16.40
10	16QAM	25	12	16.02	16.15	16.17	16.40
10	16QAM	25	25	16.07	16.16	15.99	16.40
10	16QAM	50	0	15.98	16.06	15.92	16.40
10	64QAM	1	0	16.00	16.14	15.98	16.40
10	64QAM	1	25	15.93	16.02	15.92	16.40
10	64QAM	1	49	16.15	16.12	15.95	16.40
10	64QAM	25	0	15.93	16.03	15.96	16.40
10	64QAM	25	12	16.09	16.17	16.06	16.40
10	64QAM	25	25	16.07	16.22	16.07	16.40
10	64QAM	50	0	15.88	16.10	16.03	16.40
10	256QAM	1	0	16.03	16.15	16.03	16.40
10	256QAM	1	25	16.01	16.24	16.13	16.40
10	256QAM	1	49	15.99	16.08	16.01	16.40
10	256QAM	25	0	15.98	16.13	16.02	16.40
10	256QAM	25	12	15.87	16.01	15.91	16.40
10	256QAM	25	25	15.96	16.10	15.92	16.40
10	256QAM	50	0	15.88	16.13	15.98	16.40
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	16.11	16.19	16.15	16.40
5	QPSK	1	12	16.09	16.19	15.97	16.40
5	QPSK	1	24	15.85	16.11	15.99	16.40
5	QPSK	12	0	16.13	16.19	16.13	16.40
5	QPSK	12	7	15.93	16.05	16.01	16.40
5	QPSK	12	13	16.07	16.17	16.08	16.40
5	QPSK	25	0	15.85	16.03	15.99	16.40
5	16QAM	1	0	15.91	16.01	15.94	16.40
5	16QAM	1	12	15.95	16.03	15.84	16.40
5	16QAM	1	24	16.05	16.17	16.03	16.40
5	16QAM	12	0	15.99	16.23	16.00	16.40
5	16QAM	12	7	16.08	16.25	16.16	16.40
5	16QAM	12	13	15.98	16.09	16.06	16.40
5	16QAM	25	0	16.02	16.15	15.92	16.40
5	64QAM	1	0	16.10	16.10	15.94	16.40
5	64QAM	1	12	15.88	16.10	15.86	16.40
5	64QAM	1	24	16.12	16.20	15.91	16.40
5	64QAM	12	0	15.91	16.07	15.87	16.40
5	64QAM	12	7	16.07	16.14	16.13	16.40
5	64QAM	12	13	16.01	16.19	16.03	16.40
5	64QAM	25	0	15.90	16.14	16.07	16.40
5	256QAM	1	0	16.00	16.15	15.97	16.40

5	256QAM	1	12	15.98	16.16	16.09	16.40
5	256QAM	1	24	16.01	16.19	16.02	16.40
5	256QAM	12	0	16.02	16.08	16.07	16.40
5	256QAM	12	7	15.86	16.07	15.93	16.40
5	256QAM	12	13	15.93	16.12	15.83	16.40
5	256QAM	25	0	15.94	16.10	16.00	16.40
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	16.19	16.24	16.17	16.40
3	QPSK	1	8	15.97	16.11	16.02	16.40
3	QPSK	1	14	15.87	16.10	16.05	16.40
3	QPSK	8	0	16.15	16.18	16.08	16.40
3	QPSK	8	4	16.02	16.09	15.95	16.40
3	QPSK	8	7	16.08	16.20	16.14	16.40
3	QPSK	15	0	15.82	16.03	16.05	16.40
3	16QAM	1	0	15.99	16.05	15.98	16.40
3	16QAM	1	8	15.97	15.98	15.87	16.40
3	16QAM	1	14	16.14	16.17	15.99	16.40
3	16QAM	8	0	16.03	16.14	16.06	16.40
3	16QAM	8	4	16.00	16.13	16.14	16.40
3	16QAM	8	7	16.05	16.15	16.03	16.40
3	16QAM	15	0	16.03	16.13	15.91	16.40
3	64QAM	1	0	16.08	16.10	15.95	16.40
3	64QAM	1	8	15.87	16.02	15.88	16.40
3	64QAM	1	14	16.08	16.18	15.97	16.40
3	64QAM	8	0	15.91	16.09	15.92	16.40
3	64QAM	8	4	16.11	16.13	16.05	16.40
3	64QAM	8	7	16.00	16.19	16.05	16.40
3	64QAM	15	0	15.88	16.14	16.04	16.40
3	256QAM	1	0	15.96	16.10	16.02	16.40
3	256QAM	1	8	15.97	16.26	16.13	16.40
3	256QAM	1	14	16.05	16.17	16.08	16.40
3	256QAM	8	0	15.99	16.18	16.01	16.40
3	256QAM	8	4	15.92	16.01	15.97	16.40
3	256QAM	8	7	15.88	16.12	15.87	16.40
3	256QAM	15	0	16.02	16.11	15.91	16.40
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	16.21	16.20	16.21	16.40
1.4	QPSK	1	3	16.04	16.22	16.07	16.40
1.4	QPSK	1	5	15.89	16.05	15.98	16.40
1.4	QPSK	3	0	16.17	16.22	16.14	16.40
1.4	QPSK	3	1	15.97	16.12	15.92	16.40
1.4	QPSK	3	3	16.07	16.21	16.08	16.40
1.4	QPSK	6	0	15.85	16.10	15.97	16.40
1.4	16QAM	1	0	15.96	16.09	15.95	16.40
1.4	16QAM	1	3	15.91	16.05	15.85	16.40
1.4	16QAM	1	5	16.02	16.17	16.04	16.40
1.4	16QAM	3	0	15.98	16.23	16.00	16.40
1.4	16QAM	3	1	16.03	16.14	16.19	16.40
1.4	16QAM	3	3	16.05	16.09	16.01	16.40
1.4	16QAM	6	0	15.94	16.18	15.94	16.40
1.4	64QAM	1	0	16.02	16.15	15.95	16.40
1.4	64QAM	1	3	15.93	16.04	15.84	16.40
1.4	64QAM	1	5	16.07	16.08	15.94	16.40
1.4	64QAM	3	0	15.86	16.00	15.97	16.40
1.4	64QAM	3	1	16.06	16.19	16.09	16.40
1.4	64QAM	3	3	16.04	16.17	16.05	16.40
1.4	64QAM	6	0	15.98	16.12	16.04	16.40
1.4	256QAM	1	0	15.90	16.13	16.04	16.40
1.4	256QAM	1	3	16.09	16.13	16.16	16.40
1.4	256QAM	1	5	16.00	16.13	16.07	16.40
1.4	256QAM	3	0	15.94	16.11	15.98	16.40
1.4	256QAM	3	1	15.85	16.06	15.91	16.40
1.4	256QAM	3	3	15.94	16.03	15.91	16.40
1.4	256QAM	6	0	16.00	16.04	16.02	16.40

[LTE Band 2_Ant 1_DSI 6]

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

20	QPSK	1	0	20.32	20.39	20.33	21.80
20	QPSK	1	49	20.16	20.30	20.23	21.80
20	QPSK	1	99	20.26	20.35	20.14	21.80
20	QPSK	50	0	20.28	20.35	20.31	21.80
20	QPSK	50	24	20.10	20.22	20.10	21.80
20	QPSK	50	50	20.07	20.27	20.19	21.80
20	QPSK	100	0	20.06	20.27	20.09	21.80
20	16QAM	1	0	20.09	20.29	20.18	21.80
20	16QAM	1	49	20.15	20.37	20.27	21.80
20	16QAM	1	99	20.16	20.30	20.14	21.80
20	16QAM	50	0	20.20	20.38	20.25	21.80
20	16QAM	50	24	20.14	20.27	20.15	21.80
20	16QAM	50	50	20.11	20.31	20.14	21.80
20	16QAM	100	0	20.09	20.23	20.16	21.80
20	64QAM	1	0	20.08	20.23	20.06	21.80
20	64QAM	1	49	20.20	20.30	20.22	21.80
20	64QAM	1	99	20.18	20.29	20.17	21.80
20	64QAM	50	0	20.18	20.27	20.17	21.80
20	64QAM	50	24	20.15	20.26	20.13	21.80
20	64QAM	50	50	20.13	20.28	20.14	21.80
20	64QAM	100	0	20.05	20.25	20.14	21.80
20	256QAM	1	0	19.20	19.44	19.34	20.50
20	256QAM	1	49	19.23	19.50	19.34	20.50
20	256QAM	1	99	19.22	19.57	19.42	20.50
20	256QAM	50	0	19.05	19.36	19.23	20.50
20	256QAM	50	24	19.13	19.38	19.22	20.50
20	256QAM	50	50	19.04	19.35	19.18	20.50
20	256QAM	100	0	19.08	19.41	19.18	20.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	20.29	20.33	20.22	21.80
15	QPSK	1	37	20.06	20.27	20.11	21.80
15	QPSK	1	74	20.14	20.22	20.03	21.80
15	QPSK	36	0	20.14	20.32	20.27	21.80
15	QPSK	36	20	20.04	20.11	19.98	21.80
15	QPSK	36	39	19.96	20.17	20.05	21.80
15	QPSK	75	0	19.99	20.22	19.99	21.80
15	16QAM	1	0	20.01	20.19	20.13	21.80
15	16QAM	1	37	20.05	20.33	20.23	21.80
15	16QAM	1	74	20.08	20.20	20.01	21.80
15	16QAM	36	0	20.06	20.25	20.15	21.80
15	16QAM	36	20	20.11	20.18	20.08	21.80
15	16QAM	36	39	20.06	20.20	20.09	21.80
15	16QAM	75	0	19.95	20.17	20.01	21.80
15	64QAM	1	0	19.96	20.20	19.92	21.80
15	64QAM	1	37	20.13	20.28	20.20	21.80
15	64QAM	1	74	20.03	20.15	20.11	21.80
15	64QAM	36	0	20.05	20.18	20.09	21.80
15	64QAM	36	20	20.09	20.15	20.05	21.80
15	64QAM	36	39	20.01	20.23	20.11	21.80
15	64QAM	75	0	19.90	20.15	20.01	21.80
15	256QAM	1	0	19.13	19.35	19.29	20.50
15	256QAM	1	37	19.19	19.40	19.22	20.50
15	256QAM	1	74	19.14	19.51	19.36	20.50
15	256QAM	36	0	18.97	19.31	19.09	20.50
15	256QAM	36	20	19.04	19.36	19.16	20.50
15	256QAM	36	39	18.96	19.21	19.17	20.50
15	256QAM	75	0	19.04	19.40	19.11	20.50
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	20.18	20.31	20.19	21.80
10	QPSK	1	25	20.01	20.24	20.16	21.80
10	QPSK	1	49	20.17	20.23	19.99	21.80
10	QPSK	25	0	20.13	20.25	20.29	21.80
10	QPSK	25	12	20.05	20.10	20.01	21.80
10	QPSK	25	25	19.99	20.18	20.12	21.80
10	QPSK	50	0	19.95	20.19	20.00	21.80
10	16QAM	1	0	20.01	20.22	20.08	21.80
10	16QAM	1	25	20.07	20.34	20.21	21.80
10	16QAM	1	49	20.08	20.29	20.12	21.80
10	16QAM	25	0	20.09	20.26	20.18	21.80
10	16QAM	25	12	20.04	20.23	20.12	21.80
10	16QAM	25	25	20.04	20.20	20.07	21.80
10	16QAM	50	0	19.94	20.12	20.04	21.80
10	64QAM	1	0	20.03	20.15	20.05	21.80
10	64QAM	1	25	20.17	20.27	20.11	21.80
10	64QAM	1	49	20.17	20.20	20.13	21.80

10	64QAM	25	0	20.12	20.22	20.04	21.80
10	64QAM	25	12	20.04	20.23	20.08	21.80
10	64QAM	25	25	19.99	20.18	20.01	21.80
10	64QAM	50	0	20.00	20.21	20.05	21.80
10	256QAM	1	0	19.16	19.41	19.26	20.50
10	256QAM	1	25	19.14	19.39	19.27	20.50
10	256QAM	1	49	19.10	19.50	19.32	20.50
10	256QAM	25	0	18.94	19.30	19.18	20.50
10	256QAM	25	12	19.03	19.25	19.08	20.50
10	256QAM	25	25	18.92	19.28	19.07	20.50
10	256QAM	50	0	19.03	19.39	19.05	20.50
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	20.25	20.26	20.29	21.80
5	QPSK	1	12	20.03	20.27	20.14	21.80
5	QPSK	1	24	20.17	20.30	20.07	21.80
5	QPSK	12	0	20.16	20.23	20.20	21.80
5	QPSK	12	7	19.99	20.12	20.05	21.80
5	QPSK	12	13	20.03	20.22	20.12	21.80
5	QPSK	25	0	20.05	20.17	19.95	21.80
5	16QAM	1	0	19.95	20.23	20.13	21.80
5	16QAM	1	12	20.00	20.24	20.16	21.80
5	16QAM	1	24	20.08	20.27	20.09	21.80
5	16QAM	12	0	20.17	20.25	20.22	21.80
5	16QAM	12	7	20.02	20.13	20.11	21.80
5	16QAM	12	13	20.09	20.28	20.04	21.80
5	16QAM	25	0	19.98	20.19	20.10	21.80
5	64QAM	1	0	19.94	20.12	19.97	21.80
5	64QAM	1	12	20.05	20.21	20.12	21.80
5	64QAM	1	24	20.13	20.26	20.07	21.80
5	64QAM	12	0	20.06	20.15	20.03	21.80
5	64QAM	12	7	20.03	20.17	20.00	21.80
5	64QAM	12	13	19.99	20.14	20.03	21.80
5	64QAM	25	0	19.97	20.19	20.09	21.80
5	256QAM	1	0	19.12	19.36	19.25	20.50
5	256QAM	1	12	19.20	19.45	19.23	20.50
5	256QAM	1	24	19.21	19.45	19.28	20.50
5	256QAM	12	0	18.99	19.28	19.09	20.50
5	256QAM	12	7	19.06	19.33	19.20	20.50
5	256QAM	12	13	18.90	19.31	19.03	20.50
5	256QAM	25	0	19.05	19.29	19.15	20.50
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	20.31	20.24	20.27	21.80
3	QPSK	1	8	20.02	20.24	20.22	21.80
3	QPSK	1	14	20.21	20.21	20.07	21.80
3	QPSK	8	0	20.21	20.28	20.18	21.80
3	QPSK	8	4	19.98	20.09	19.96	21.80
3	QPSK	8	7	19.99	20.23	20.05	21.80
3	QPSK	15	0	20.01	20.20	19.96	21.80
3	16QAM	1	0	20.01	20.24	20.04	21.80
3	16QAM	1	8	20.07	20.30	20.20	21.80
3	16QAM	1	14	20.05	20.25	20.07	21.80
3	16QAM	8	0	20.11	20.35	20.18	21.80
3	16QAM	8	4	20.12	20.17	20.11	21.80
3	16QAM	8	7	19.98	20.20	20.10	21.80
3	16QAM	15	0	20.02	20.13	20.03	21.80
3	64QAM	1	0	20.05	20.09	20.03	21.80
3	64QAM	1	8	20.07	20.22	20.19	21.80
3	64QAM	1	14	20.16	20.27	20.03	21.80
3	64QAM	8	0	20.16	20.16	20.05	21.80
3	64QAM	8	4	20.12	20.12	19.99	21.80
3	64QAM	8	7	20.10	20.19	20.03	21.80
3	64QAM	15	0	19.97	20.23	20.05	21.80
3	256QAM	1	0	19.19	19.42	19.26	20.50
3	256QAM	1	8	19.17	19.48	19.24	20.50
3	256QAM	1	14	19.14	19.42	19.39	20.50
3	256QAM	8	0	19.04	19.32	19.20	20.50
3	256QAM	8	4	18.98	19.33	19.17	20.50
3	256QAM	8	7	19.00	19.31	19.06	20.50
3	256QAM	15	0	19.04	19.30	19.11	20.50
Channel				18607	18900	19193	Tune-up limit
Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	20.27	20.27	20.26	21.80
1.4	QPSK	1	3	20.14	20.16	20.08	21.80
1.4	QPSK	1	5	20.14	20.30	20.05	21.80
1.4	QPSK	3	0	20.20	20.27	20.30	21.80

1.4	QPSK	3	1	19.97	20.09	20.02	21.80
1.4	QPSK	3	3	20.03	20.19	20.12	21.80
1.4	QPSK	6	0	20.01	20.25	19.97	21.80
1.4	16QAM	1	0	19.99	20.23	20.04	21.80
1.4	16QAM	1	3	20.13	20.26	20.26	21.80
1.4	16QAM	1	5	20.04	20.20	20.02	21.80
1.4	16QAM	3	0	20.11	20.33	20.16	21.80
1.4	16QAM	3	1	20.04	20.15	20.14	21.80
1.4	16QAM	3	3	20.09	20.29	20.10	21.80
1.4	16QAM	6	0	19.96	20.16	20.04	21.80
1.4	64QAM	1	0	19.93	20.21	20.03	21.80
1.4	64QAM	1	3	20.09	20.25	20.07	21.80
1.4	64QAM	1	5	20.11	20.27	20.07	21.80
1.4	64QAM	3	0	20.15	20.19	20.04	21.80
1.4	64QAM	3	1	20.09	20.22	20.10	21.80
1.4	64QAM	3	3	20.08	20.14	20.06	21.80
1.4	64QAM	6	0	19.93	20.11	20.01	21.80
1.4	256QAM	1	0	19.13	19.31	19.30	20.50
1.4	256QAM	1	3	19.19	19.42	19.26	20.50
1.4	256QAM	1	5	19.18	19.43	19.39	20.50
1.4	256QAM	3	0	19.03	19.25	19.18	20.50
1.4	256QAM	3	1	19.03	19.27	19.12	20.50
1.4	256QAM	3	3	19.02	19.33	19.14	20.50
1.4	256QAM	6	0	19.01	19.34	19.05	20.50

【LTE Band 2_Ant 1_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	16.25	16.31	16.27	16.40
20	QPSK	1	49	16.11	16.26	16.09	16.40
20	QPSK	1	99	15.95	16.14	16.07	16.40
20	QPSK	50	0	16.25	16.29	16.23	16.40
20	QPSK	50	24	16.07	16.19	16.07	16.40
20	QPSK	50	50	16.16	16.28	16.17	16.40
20	QPSK	100	0	15.92	16.13	16.07	16.40
20	16QAM	1	0	16.01	16.14	16.03	16.40
20	16QAM	1	49	16.01	16.13	15.97	16.40
20	16QAM	1	99	16.16	16.28	16.10	16.40
20	16QAM	50	0	16.12	16.24	16.13	16.40
20	16QAM	50	24	16.13	16.28	16.23	16.40
20	16QAM	50	50	16.09	16.20	16.12	16.40
20	16QAM	100	0	16.08	16.19	16.06	16.40
20	64QAM	1	0	16.12	16.21	16.06	16.40
20	64QAM	1	49	16.01	16.15	15.99	16.40
20	64QAM	1	99	16.16	16.23	16.05	16.40
20	64QAM	50	0	15.98	16.12	16.00	16.40
20	64QAM	50	24	16.12	16.25	16.14	16.40
20	64QAM	50	50	16.13	16.27	16.15	16.40
20	64QAM	100	0	16.02	16.19	16.11	16.40
20	256QAM	1	0	16.04	16.21	16.07	16.40
20	256QAM	1	49	16.12	16.27	16.18	16.40
20	256QAM	1	99	16.13	16.20	16.10	16.40
20	256QAM	50	0	16.07	16.22	16.12	16.40
20	256QAM	50	24	15.97	16.14	16.00	16.40
20	256QAM	50	50	15.97	16.14	15.96	16.40
20	256QAM	100	0	16.03	16.18	16.04	16.40
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	16.19	16.22	16.20	16.40
15	QPSK	1	37	16.01	16.22	16.05	16.40
15	QPSK	1	74	15.83	16.09	15.97	16.40
15	QPSK	36	0	16.17	16.14	16.19	16.40
15	QPSK	36	20	15.99	16.08	15.98	16.40
15	QPSK	36	39	16.12	16.20	16.08	16.40
15	QPSK	75	0	15.82	16.10	16.03	16.40
15	16QAM	1	0	15.90	16.09	15.95	16.40
15	16QAM	1	37	16.00	16.05	15.92	16.40
15	16QAM	1	74	16.12	16.25	16.05	16.40
15	16QAM	36	0	16.08	16.17	16.05	16.40
15	16QAM	36	20	16.04	16.18	16.16	16.40

15	16QAM	36	39	16.02	16.17	16.01	16.40
15	16QAM	75	0	15.93	16.15	15.95	16.40
15	64QAM	1	0	16.03	16.19	15.94	16.40
15	64QAM	1	37	15.87	16.13	15.89	16.40
15	64QAM	1	74	16.10	16.12	15.94	16.40
15	64QAM	36	0	15.90	16.06	15.87	16.40
15	64QAM	36	20	16.09	16.22	16.07	16.40
15	64QAM	36	39	15.99	16.13	16.09	16.40
15	64QAM	75	0	15.88	16.07	16.05	16.40
15	256QAM	1	0	15.98	16.12	16.01	16.40
15	256QAM	1	37	16.10	16.25	16.11	16.40
15	256QAM	1	74	16.00	16.12	16.06	16.40
15	256QAM	36	0	15.94	16.10	16.04	16.40
15	256QAM	36	20	15.83	16.01	15.99	16.40
15	256QAM	36	39	15.87	16.03	15.89	16.40
15	256QAM	75	0	15.92	16.04	15.94	16.40
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	16.16	16.17	16.19	16.40
10	QPSK	1	25	16.03	16.25	16.08	16.40
10	QPSK	1	49	15.81	16.03	16.00	16.40
10	QPSK	25	0	16.13	16.23	16.09	16.40
10	QPSK	25	12	16.03	16.17	16.02	16.40
10	QPSK	25	25	16.07	16.20	16.04	16.40
10	QPSK	50	0	15.85	15.99	15.96	16.40
10	16QAM	1	0	15.91	16.02	15.96	16.40
10	16QAM	1	25	15.98	16.03	15.85	16.40
10	16QAM	1	49	16.04	16.18	16.01	16.40
10	16QAM	25	0	16.08	16.15	16.07	16.40
10	16QAM	25	12	16.02	16.15	16.17	16.40
10	16QAM	25	25	16.07	16.16	15.99	16.40
10	16QAM	50	0	15.98	16.06	15.92	16.40
10	64QAM	1	0	16.00	16.14	15.98	16.40
10	64QAM	1	25	15.93	16.02	15.92	16.40
10	64QAM	1	49	16.15	16.12	15.95	16.40
10	64QAM	25	0	15.93	16.03	15.96	16.40
10	64QAM	25	12	16.09	16.17	16.06	16.40
10	64QAM	25	25	16.07	16.22	16.07	16.40
10	64QAM	50	0	15.88	16.10	16.03	16.40
10	256QAM	1	0	16.03	16.15	16.03	16.40
10	256QAM	1	25	16.01	16.24	16.13	16.40
10	256QAM	1	49	15.99	16.08	16.01	16.40
10	256QAM	25	0	15.98	16.13	16.02	16.40
10	256QAM	25	12	15.87	16.01	15.91	16.40
10	256QAM	25	25	15.96	16.10	15.92	16.40
10	256QAM	50	0	15.88	16.13	15.98	16.40
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	16.11	16.19	16.15	16.40
5	QPSK	1	12	16.09	16.19	15.97	16.40
5	QPSK	1	24	15.85	16.11	15.99	16.40
5	QPSK	12	0	16.13	16.19	16.13	16.40
5	QPSK	12	7	15.93	16.05	16.01	16.40
5	QPSK	12	13	16.07	16.17	16.08	16.40
5	QPSK	25	0	15.85	16.03	15.99	16.40
5	16QAM	1	0	15.91	16.01	15.94	16.40
5	16QAM	1	12	15.95	16.03	15.84	16.40
5	16QAM	1	24	16.05	16.17	16.03	16.40
5	16QAM	12	0	15.99	16.23	16.00	16.40
5	16QAM	12	7	16.08	16.25	16.16	16.40
5	16QAM	12	13	15.98	16.09	16.06	16.40
5	16QAM	25	0	16.02	16.15	15.92	16.40
5	64QAM	1	0	16.10	16.10	15.94	16.40
5	64QAM	1	12	15.88	16.10	15.86	16.40
5	64QAM	1	24	16.12	16.20	15.91	16.40
5	64QAM	12	0	15.91	16.07	15.87	16.40
5	64QAM	12	7	16.07	16.14	16.13	16.40
5	64QAM	12	13	16.01	16.19	16.03	16.40
5	64QAM	25	0	15.90	16.14	16.07	16.40
5	256QAM	1	0	16.00	16.15	15.97	16.40
5	256QAM	1	12	15.98	16.16	16.09	16.40
5	256QAM	1	24	16.01	16.19	16.02	16.40
5	256QAM	12	0	16.02	16.08	16.07	16.40
5	256QAM	12	7	15.86	16.07	15.93	16.40
5	256QAM	12	13	15.93	16.12	15.83	16.40
5	256QAM	25	0	15.94	16.10	16.00	16.40
Channel				18615	18900	19185	Tune-up limit

Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	16.19	16.24	16.17	16.40
3	QPSK	1	8	15.97	16.11	16.02	16.40
3	QPSK	1	14	15.87	16.10	16.05	16.40
3	QPSK	8	0	16.15	16.18	16.08	16.40
3	QPSK	8	4	16.02	16.09	15.95	16.40
3	QPSK	8	7	16.08	16.20	16.14	16.40
3	QPSK	15	0	15.82	16.03	16.05	16.40
3	16QAM	1	0	15.99	16.05	15.98	16.40
3	16QAM	1	8	15.97	15.98	15.87	16.40
3	16QAM	1	14	16.14	16.17	15.99	16.40
3	16QAM	8	0	16.03	16.14	16.06	16.40
3	16QAM	8	4	16.00	16.13	16.14	16.40
3	16QAM	8	7	16.05	16.15	16.03	16.40
3	16QAM	15	0	16.03	16.13	15.91	16.40
3	64QAM	1	0	16.08	16.10	15.95	16.40
3	64QAM	1	8	15.87	16.02	15.88	16.40
3	64QAM	1	14	16.08	16.18	15.97	16.40
3	64QAM	8	0	15.91	16.09	15.92	16.40
3	64QAM	8	4	16.11	16.13	16.05	16.40
3	64QAM	8	7	16.00	16.19	16.05	16.40
3	64QAM	15	0	15.88	16.14	16.04	16.40
3	256QAM	1	0	15.96	16.10	16.02	16.40
3	256QAM	1	8	15.97	16.26	16.13	16.40
3	256QAM	1	14	16.05	16.17	16.08	16.40
3	256QAM	8	0	15.99	16.18	16.01	16.40
3	256QAM	8	4	15.92	16.01	15.97	16.40
3	256QAM	8	7	15.88	16.12	15.87	16.40
3	256QAM	15	0	16.02	16.11	15.91	16.40
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	16.21	16.20	16.21	16.40
1.4	QPSK	1	3	16.04	16.22	16.07	16.40
1.4	QPSK	1	5	15.89	16.05	15.98	16.40
1.4	QPSK	3	0	16.17	16.22	16.14	16.40
1.4	QPSK	3	1	15.97	16.12	15.92	16.40
1.4	QPSK	3	3	16.07	16.21	16.08	16.40
1.4	QPSK	6	0	15.85	16.10	15.97	16.40
1.4	16QAM	1	0	15.96	16.09	15.95	16.40
1.4	16QAM	1	3	15.91	16.05	15.85	16.40
1.4	16QAM	1	5	16.02	16.17	16.04	16.40
1.4	16QAM	3	0	15.98	16.23	16.00	16.40
1.4	16QAM	3	1	16.03	16.14	16.19	16.40
1.4	16QAM	3	3	16.05	16.09	16.01	16.40
1.4	16QAM	6	0	15.94	16.18	15.94	16.40
1.4	64QAM	1	0	16.02	16.15	15.95	16.40
1.4	64QAM	1	3	15.93	16.04	15.84	16.40
1.4	64QAM	1	5	16.07	16.08	15.94	16.40
1.4	64QAM	3	0	15.86	16.00	15.97	16.40
1.4	64QAM	3	1	16.06	16.19	16.09	16.40
1.4	64QAM	3	3	16.04	16.17	16.05	16.40
1.4	64QAM	6	0	15.98	16.12	16.04	16.40
1.4	256QAM	1	0	15.90	16.13	16.04	16.40
1.4	256QAM	1	3	16.09	16.13	16.16	16.40
1.4	256QAM	1	5	16.00	16.13	16.07	16.40
1.4	256QAM	3	0	15.94	16.11	15.98	16.40
1.4	256QAM	3	1	15.85	16.06	15.91	16.40
1.4	256QAM	3	3	15.94	16.03	15.91	16.40
1.4	256QAM	6	0	16.00	16.04	16.02	16.40

【LTE Band 2_Ant 2_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	22.79	22.92	22.80	24.00
20	QPSK	1	49	22.37	22.55	22.41	24.00
20	QPSK	1	99	22.65	22.79	22.62	24.00
20	QPSK	50	0	22.59	22.83	22.58	24.00
20	QPSK	50	24	22.50	22.75	22.59	24.00
20	QPSK	50	50	22.61	22.77	22.54	24.00
20	QPSK	100	0	22.72	22.88	22.72	24.00

20	16QAM	1	0	22.68	22.90	22.70	24.00
20	16QAM	1	49	22.64	22.86	22.68	24.00
20	16QAM	1	99	22.49	22.74	22.58	24.00
20	16QAM	50	0	22.06	22.25	22.11	23.00
20	16QAM	50	24	22.11	22.31	22.17	23.00
20	16QAM	50	50	21.96	22.18	21.99	23.00
20	16QAM	100	0	22.01	22.25	21.98	23.00
20	64QAM	1	0	22.15	22.34	22.21	23.50
20	64QAM	1	49	22.22	22.49	22.31	23.50
20	64QAM	1	99	22.16	22.37	22.17	23.50
20	64QAM	50	0	21.10	21.27	21.08	23.00
20	64QAM	50	24	21.00	21.20	21.00	23.00
20	64QAM	50	50	21.03	21.23	21.06	23.00
20	64QAM	100	0	21.00	21.19	21.01	23.00
20	256QAM	1	0	19.10	19.30	19.11	20.00
20	256QAM	1	49	19.14	19.28	19.07	20.00
20	256QAM	1	99	19.19	19.32	19.21	20.00
20	256QAM	50	0	19.00	19.21	19.05	20.00
20	256QAM	50	24	19.01	19.24	19.06	20.00
20	256QAM	50	50	18.87	19.13	18.96	20.00
20	256QAM	100	0	19.08	19.21	19.09	20.00
Channel				18675	18900	19125	Tune-up limit
Frequency (MHz)				1857.5	1880	1902.5	(dBm)
15	QPSK	1	0	22.68	22.84	22.74	24.00
15	QPSK	1	37	22.33	22.52	22.35	24.00
15	QPSK	1	74	22.53	22.67	22.57	24.00
15	QPSK	36	0	22.50	22.75	22.55	24.00
15	QPSK	36	20	22.48	22.66	22.53	24.00
15	QPSK	36	39	22.50	22.69	22.50	24.00
15	QPSK	75	0	22.68	22.80	22.58	24.00
15	16QAM	1	0	22.64	22.84	22.60	24.00
15	16QAM	1	37	22.57	22.79	22.54	24.00
15	16QAM	1	74	22.39	22.66	22.56	24.00
15	16QAM	36	0	21.93	22.18	21.99	23.00
15	16QAM	36	20	21.97	22.19	22.11	23.00
15	16QAM	36	39	21.93	22.13	21.94	23.00
15	16QAM	75	0	21.95	22.24	21.84	23.00
15	64QAM	1	0	22.07	22.32	22.09	23.50
15	64QAM	1	37	22.20	22.47	22.28	23.50
15	64QAM	1	74	22.07	22.31	22.03	23.50
15	64QAM	36	0	21.00	21.23	21.04	23.00
15	64QAM	36	20	21.01	21.09	21.00	23.00
15	64QAM	36	39	21.01	21.08	21.01	23.00
15	64QAM	75	0	21.00	21.17	21.01	23.00
15	256QAM	1	0	19.06	19.27	19.09	20.00
15	256QAM	1	37	19.00	19.18	19.04	20.00
15	256QAM	1	74	19.07	19.24	19.06	20.00
15	256QAM	36	0	18.89	19.13	18.92	20.00
15	256QAM	36	20	18.94	19.15	18.96	20.00
15	256QAM	36	39	18.75	19.01	18.92	20.00
15	256QAM	75	0	19.02	19.16	19.06	20.00
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	22.71	22.78	22.73	24.00
10	QPSK	1	25	22.24	22.44	22.32	24.00
10	QPSK	1	49	22.52	22.70	22.51	24.00
10	QPSK	25	0	22.46	22.70	22.44	24.00
10	QPSK	25	12	22.46	22.70	22.57	24.00
10	QPSK	25	25	22.59	22.72	22.48	24.00
10	QPSK	50	0	22.65	22.75	22.71	24.00
10	16QAM	1	0	22.55	22.85	22.65	24.00
10	16QAM	1	25	22.50	22.75	22.56	24.00
10	16QAM	1	49	22.41	22.64	22.44	24.00
10	16QAM	25	0	21.95	22.11	22.04	23.00
10	16QAM	25	12	22.09	22.19	22.06	23.00
10	16QAM	25	25	21.88	22.17	21.89	23.00
10	16QAM	50	0	21.99	22.21	21.94	23.00
10	64QAM	1	0	22.04	22.23	22.15	23.50
10	64QAM	1	25	22.16	22.36	22.21	23.50
10	64QAM	1	49	22.08	22.36	22.03	23.50
10	64QAM	25	0	21.08	21.17	21.06	23.00
10	64QAM	25	12	21.00	21.05	21.00	23.00
10	64QAM	25	25	21.00	21.09	21.00	23.00
10	64QAM	50	0	21.00	21.13	21.00	23.00
10	256QAM	1	0	18.97	19.25	19.04	20.00
10	256QAM	1	25	19.09	19.25	19.00	20.00
10	256QAM	1	49	19.11	19.27	19.14	20.00

10	256QAM	25	0	18.95	19.15	18.92	20.00
10	256QAM	25	12	18.87	19.18	18.94	20.00
10	256QAM	25	25	18.82	19.07	18.88	20.00
10	256QAM	50	0	19.00	19.16	19.08	20.00
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	22.70	22.89	22.70	24.00
5	QPSK	1	12	22.34	22.49	22.36	24.00
5	QPSK	1	24	22.63	22.75	22.57	24.00
5	QPSK	12	0	22.46	22.69	22.46	24.00
5	QPSK	12	7	22.42	22.67	22.45	24.00
5	QPSK	12	13	22.53	22.75	22.46	24.00
5	QPSK	25	0	22.69	22.81	22.61	24.00
5	16QAM	1	0	22.65	22.89	22.66	24.00
5	16QAM	1	12	22.60	22.81	22.56	24.00
5	16QAM	1	24	22.35	22.64	22.51	24.00
5	16QAM	12	0	21.96	22.21	22.08	23.00
5	16QAM	12	7	22.01	22.25	22.14	23.00
5	16QAM	12	13	21.91	22.05	21.88	23.00
5	16QAM	25	0	21.99	22.13	21.93	23.00
5	64QAM	1	0	22.03	22.24	22.16	23.50
5	64QAM	1	12	22.09	22.46	22.19	23.50
5	64QAM	1	24	22.10	22.28	22.06	23.50
5	64QAM	12	0	21.04	21.18	21.06	23.00
5	64QAM	12	7	21.00	21.11	21.00	23.00
5	64QAM	12	13	21.02	21.16	21.00	23.00
5	64QAM	25	0	21.01	21.13	21.00	23.00
5	256QAM	1	0	19.02	19.22	19.03	20.00
5	256QAM	1	12	19.04	19.27	18.92	20.00
5	256QAM	1	24	19.09	19.22	19.06	20.00
5	256QAM	12	0	18.86	19.15	19.02	20.00
5	256QAM	12	7	18.93	19.21	18.93	20.00
5	256QAM	12	13	18.78	19.00	18.87	20.00
5	256QAM	25	0	19.03	19.07	19.05	20.00
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	22.77	22.80	22.69	24.00
3	QPSK	1	8	22.27	22.52	22.38	24.00
3	QPSK	1	14	22.53	22.74	22.47	24.00
3	QPSK	8	0	22.52	22.72	22.49	24.00
3	QPSK	8	4	22.46	22.62	22.48	24.00
3	QPSK	8	7	22.58	22.68	22.40	24.00
3	QPSK	15	0	22.65	22.86	22.65	24.00
3	16QAM	1	0	22.54	22.82	22.67	24.00
3	16QAM	1	8	22.51	22.84	22.55	24.00
3	16QAM	1	14	22.45	22.66	22.47	24.00
3	16QAM	8	0	21.97	22.23	22.02	23.00
3	16QAM	8	4	21.99	22.20	22.12	23.00
3	16QAM	8	7	21.94	22.10	21.86	23.00
3	16QAM	15	0	21.99	22.12	21.85	23.00
3	64QAM	1	0	22.12	22.32	22.10	23.50
3	64QAM	1	8	22.11	22.43	22.17	23.50
3	64QAM	1	14	22.05	22.23	22.11	23.50
3	64QAM	8	0	21.09	21.21	21.00	23.00
3	64QAM	8	4	21.02	21.18	21.02	23.00
3	64QAM	8	7	21.00	21.22	21.00	23.00
3	64QAM	15	0	21.00	21.10	21.00	23.00
3	256QAM	1	0	19.05	19.25	18.96	20.00
3	256QAM	1	8	19.10	19.19	19.01	20.00
3	256QAM	1	14	19.11	19.27	19.10	20.00
3	256QAM	8	0	18.88	19.17	19.04	20.00
3	256QAM	8	4	18.87	19.12	18.93	20.00
3	256QAM	8	7	18.73	19.11	18.86	20.00
3	256QAM	15	0	18.99	19.19	18.96	20.00
Channel				18607	18900	19193	Tune-up limit
Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	22.76	22.80	22.66	24.00
1.4	QPSK	1	3	22.35	22.41	22.35	24.00
1.4	QPSK	1	5	22.61	22.72	22.55	24.00
1.4	QPSK	3	0	22.56	22.75	22.44	24.00
1.4	QPSK	3	1	22.37	22.63	22.47	24.00
1.4	QPSK	3	3	22.50	22.68	22.52	24.00
1.4	QPSK	6	0	22.67	22.83	22.62	24.00
1.4	16QAM	1	0	22.54	22.76	22.56	24.00
1.4	16QAM	1	3	22.53	22.81	22.60	24.00
1.4	16QAM	1	5	22.37	22.69	22.45	24.00
1.4	16QAM	3	0	21.95	22.19	21.99	23.00

1.4	16QAM	3	1	22.03	22.23	22.03	23.00
1.4	16QAM	3	3	21.83	22.13	21.94	23.00
1.4	16QAM	6	0	21.89	22.11	21.90	23.00
1.4	64QAM	1	0	22.03	22.22	22.07	24.00
1.4	64QAM	1	3	22.17	22.36	22.22	24.00
1.4	64QAM	1	5	22.09	22.29	22.11	24.00
1.4	64QAM	3	0	21.00	21.17	21.00	23.00
1.4	64QAM	3	1	21.00	21.18	21.00	23.00
1.4	64QAM	3	3	21.01	21.13	21.00	23.00
1.4	64QAM	6	0	21.00	21.05	21.01	23.00
1.4	256QAM	1	0	18.97	19.21	19.10	20.00
1.4	256QAM	1	3	19.08	19.22	18.98	20.00
1.4	256QAM	1	5	19.10	19.27	19.09	20.00
1.4	256QAM	3	0	18.99	19.14	18.94	20.00
1.4	256QAM	3	1	18.87	19.10	18.93	20.00
1.4	256QAM	3	3	18.84	19.12	18.94	20.00
1.4	256QAM	6	0	19.04	19.15	19.03	20.00

【LTE Band 2_Ant 2_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	22.79	22.92	22.80	24.00
20	QPSK	1	49	22.37	22.55	22.41	24.00
20	QPSK	1	99	22.65	22.79	22.62	24.00
20	QPSK	50	0	22.59	22.83	22.58	24.00
20	QPSK	50	24	22.50	22.75	22.59	24.00
20	QPSK	50	50	22.61	22.77	22.54	24.00
20	QPSK	100	0	22.72	22.88	22.72	24.00
20	16QAM	1	0	22.68	22.90	22.70	24.00
20	16QAM	1	49	22.64	22.86	22.68	24.00
20	16QAM	1	99	22.49	22.74	22.58	24.00
20	16QAM	50	0	22.06	22.25	22.11	23.00
20	16QAM	50	24	22.11	22.31	22.17	23.00
20	16QAM	50	50	21.96	22.18	21.99	23.00
20	16QAM	100	0	22.01	22.25	21.98	23.00
20	64QAM	1	0	22.15	22.34	22.21	23.50
20	64QAM	1	49	22.22	22.49	22.31	23.50
20	64QAM	1	99	22.16	22.37	22.17	23.50
20	64QAM	50	0	21.10	21.27	21.08	23.00
20	64QAM	50	24	21.00	21.20	21.00	23.00
20	64QAM	50	50	21.03	21.23	21.06	23.00
20	64QAM	100	0	21.00	21.19	21.01	23.00
20	256QAM	1	0	19.10	19.30	19.11	20.00
20	256QAM	1	49	19.14	19.28	19.07	20.00
20	256QAM	1	99	19.19	19.32	19.21	20.00
20	256QAM	50	0	19.00	19.21	19.05	20.00
20	256QAM	50	24	19.01	19.24	19.06	20.00
20	256QAM	50	50	18.87	19.13	18.96	20.00
20	256QAM	100	0	19.08	19.21	19.09	20.00
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	22.68	22.84	22.74	24.00
15	QPSK	1	37	22.33	22.52	22.35	24.00
15	QPSK	1	74	22.53	22.67	22.57	24.00
15	QPSK	36	0	22.50	22.75	22.55	24.00
15	QPSK	36	20	22.48	22.66	22.53	24.00
15	QPSK	36	39	22.50	22.69	22.50	24.00
15	QPSK	75	0	22.68	22.80	22.58	24.00
15	16QAM	1	0	22.64	22.84	22.60	24.00
15	16QAM	1	37	22.57	22.79	22.54	24.00
15	16QAM	1	74	22.39	22.66	22.56	24.00
15	16QAM	36	0	21.93	22.18	21.99	23.00
15	16QAM	36	20	21.97	22.19	22.11	23.00
15	16QAM	36	39	21.93	22.13	21.94	23.00
15	16QAM	75	0	21.95	22.24	21.84	23.00
15	64QAM	1	0	22.07	22.32	22.09	23.50
15	64QAM	1	37	22.20	22.47	22.28	23.50
15	64QAM	1	74	22.07	22.31	22.03	23.50
15	64QAM	36	0	21.00	21.23	21.04	23.00
15	64QAM	36	20	21.01	21.09	21.00	23.00

15	64QAM	36	39	21.01	21.08	21.01	23.00
15	64QAM	75	0	21.00	21.17	21.01	23.00
15	256QAM	1	0	19.06	19.27	19.09	20.00
15	256QAM	1	37	19.00	19.18	19.04	20.00
15	256QAM	1	74	19.07	19.24	19.06	20.00
15	256QAM	36	0	18.89	19.13	18.92	20.00
15	256QAM	36	20	18.94	19.15	18.96	20.00
15	256QAM	36	39	18.75	19.01	18.92	20.00
15	256QAM	75	0	19.02	19.16	19.06	20.00
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	22.71	22.78	22.73	24.00
10	QPSK	1	25	22.24	22.44	22.32	24.00
10	QPSK	1	49	22.52	22.70	22.51	24.00
10	QPSK	25	0	22.46	22.70	22.44	24.00
10	QPSK	25	12	22.46	22.70	22.57	24.00
10	QPSK	25	25	22.59	22.72	22.48	24.00
10	QPSK	50	0	22.65	22.75	22.71	24.00
10	16QAM	1	0	22.55	22.85	22.65	24.00
10	16QAM	1	25	22.50	22.75	22.56	24.00
10	16QAM	1	49	22.41	22.64	22.44	24.00
10	16QAM	25	0	21.95	22.11	22.04	23.00
10	16QAM	25	12	22.09	22.19	22.06	23.00
10	16QAM	25	25	21.88	22.17	21.89	23.00
10	16QAM	50	0	21.99	22.21	21.94	23.00
10	64QAM	1	0	22.04	22.23	22.15	23.50
10	64QAM	1	25	22.16	22.36	22.21	23.50
10	64QAM	1	49	22.08	22.36	22.03	23.50
10	64QAM	25	0	21.08	21.17	21.06	23.00
10	64QAM	25	12	21.00	21.05	21.00	23.00
10	64QAM	25	25	21.00	21.09	21.00	23.00
10	64QAM	50	0	21.00	21.13	21.00	23.00
10	256QAM	1	0	18.97	19.25	19.04	20.00
10	256QAM	1	25	19.09	19.25	19.00	20.00
10	256QAM	1	49	19.11	19.27	19.14	20.00
10	256QAM	25	0	18.95	19.15	18.92	20.00
10	256QAM	25	12	18.87	19.18	18.94	20.00
10	256QAM	25	25	18.82	19.07	18.88	20.00
10	256QAM	50	0	19.00	19.16	19.08	20.00
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	22.70	22.89	22.70	24.00
5	QPSK	1	12	22.34	22.49	22.36	24.00
5	QPSK	1	24	22.63	22.75	22.57	24.00
5	QPSK	12	0	22.46	22.69	22.46	24.00
5	QPSK	12	7	22.42	22.67	22.45	24.00
5	QPSK	12	13	22.53	22.75	22.46	24.00
5	QPSK	25	0	22.69	22.81	22.61	24.00
5	16QAM	1	0	22.65	22.89	22.66	24.00
5	16QAM	1	12	22.60	22.81	22.56	24.00
5	16QAM	1	24	22.35	22.64	22.51	24.00
5	16QAM	12	0	21.96	22.21	22.08	23.00
5	16QAM	12	7	22.01	22.25	22.14	23.00
5	16QAM	12	13	21.91	22.05	21.88	23.00
5	16QAM	25	0	21.99	22.13	21.93	23.00
5	64QAM	1	0	22.03	22.24	22.16	23.50
5	64QAM	1	12	22.09	22.46	22.19	23.50
5	64QAM	1	24	22.10	22.28	22.06	23.50
5	64QAM	12	0	21.04	21.18	21.06	23.00
5	64QAM	12	7	21.00	21.11	21.00	23.00
5	64QAM	12	13	21.02	21.16	21.00	23.00
5	64QAM	25	0	21.01	21.13	21.00	23.00
5	256QAM	1	0	19.02	19.22	19.03	20.00
5	256QAM	1	12	19.04	19.27	18.92	20.00
5	256QAM	1	24	19.09	19.22	19.06	20.00
5	256QAM	12	0	18.86	19.15	19.02	20.00
5	256QAM	12	7	18.93	19.21	18.93	20.00
5	256QAM	12	13	18.78	19.00	18.87	20.00
5	256QAM	25	0	19.03	19.07	19.05	20.00
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	22.77	22.80	22.69	24.00
3	QPSK	1	8	22.27	22.52	22.38	24.00
3	QPSK	1	14	22.53	22.74	22.47	24.00
3	QPSK	8	0	22.52	22.72	22.49	24.00
3	QPSK	8	4	22.46	22.62	22.48	24.00
3	QPSK	8	7	22.58	22.68	22.40	24.00

3	QPSK	15	0	22.65	22.86	22.65	24.00
3	16QAM	1	0	22.54	22.82	22.67	24.00
3	16QAM	1	8	22.51	22.84	22.55	24.00
3	16QAM	1	14	22.45	22.66	22.47	24.00
3	16QAM	8	0	21.97	22.23	22.02	23.00
3	16QAM	8	4	21.99	22.20	22.12	23.00
3	16QAM	8	7	21.94	22.10	21.86	23.00
3	16QAM	15	0	21.99	22.12	21.85	23.00
3	64QAM	1	0	22.12	22.32	22.10	23.50
3	64QAM	1	8	22.11	22.43	22.17	23.50
3	64QAM	1	14	22.05	22.23	22.11	23.50
3	64QAM	8	0	21.09	21.21	21.00	23.00
3	64QAM	8	4	21.02	21.18	21.02	23.00
3	64QAM	8	7	21.00	21.22	21.00	23.00
3	64QAM	15	0	21.00	21.10	21.00	23.00
3	256QAM	1	0	19.05	19.25	18.96	20.00
3	256QAM	1	8	19.10	19.19	19.01	20.00
3	256QAM	1	14	19.11	19.27	19.10	20.00
3	256QAM	8	0	18.88	19.17	19.04	20.00
3	256QAM	8	4	18.87	19.12	18.93	20.00
3	256QAM	8	7	18.73	19.11	18.86	20.00
3	256QAM	15	0	18.99	19.19	18.96	20.00
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	22.76	22.80	22.66	24.00
1.4	QPSK	1	3	22.35	22.41	22.35	24.00
1.4	QPSK	1	5	22.61	22.72	22.55	24.00
1.4	QPSK	3	0	22.56	22.75	22.44	24.00
1.4	QPSK	3	1	22.37	22.63	22.47	24.00
1.4	QPSK	3	3	22.50	22.68	22.52	24.00
1.4	QPSK	6	0	22.67	22.83	22.62	24.00
1.4	16QAM	1	0	22.54	22.76	22.56	24.00
1.4	16QAM	1	3	22.53	22.81	22.60	24.00
1.4	16QAM	1	5	22.37	22.69	22.45	24.00
1.4	16QAM	3	0	21.95	22.19	21.99	23.00
1.4	16QAM	3	1	22.03	22.23	22.03	23.00
1.4	16QAM	3	3	21.83	22.13	21.94	23.00
1.4	16QAM	6	0	21.89	22.11	21.90	23.00
1.4	64QAM	1	0	22.03	22.22	22.07	24.00
1.4	64QAM	1	3	22.17	22.36	22.22	24.00
1.4	64QAM	1	5	22.09	22.29	22.11	24.00
1.4	64QAM	3	0	21.00	21.17	21.00	23.00
1.4	64QAM	3	1	21.00	21.18	21.00	23.00
1.4	64QAM	3	3	21.01	21.13	21.00	23.00
1.4	64QAM	6	0	21.00	21.05	21.01	23.00
1.4	256QAM	1	0	18.97	19.21	19.10	20.00
1.4	256QAM	1	3	19.08	19.22	18.98	20.00
1.4	256QAM	1	5	19.10	19.27	19.09	20.00
1.4	256QAM	3	0	18.99	19.14	18.94	20.00
1.4	256QAM	3	1	18.87	19.10	18.93	20.00
1.4	256QAM	3	3	18.84	19.12	18.94	20.00
1.4	256QAM	6	0	19.04	19.15	19.03	20.00

【LTE Band 2_Ant 2_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	22.79	22.92	22.80	24.00
20	QPSK	1	49	22.37	22.55	22.41	24.00
20	QPSK	1	99	22.65	22.79	22.62	24.00
20	QPSK	50	0	22.59	22.83	22.58	24.00
20	QPSK	50	24	22.50	22.75	22.59	24.00
20	QPSK	50	50	22.61	22.77	22.54	24.00
20	QPSK	100	0	22.72	22.88	22.72	24.00
20	16QAM	1	0	22.68	22.90	22.70	24.00
20	16QAM	1	49	22.64	22.86	22.68	24.00
20	16QAM	1	99	22.49	22.74	22.58	24.00
20	16QAM	50	0	22.06	22.25	22.11	23.00
20	16QAM	50	24	22.11	22.31	22.17	23.00
20	16QAM	50	50	21.96	22.18	21.99	23.00
20	16QAM	100	0	22.01	22.25	21.98	23.00

20	64QAM	1	0	22.15	22.34	22.21	23.50
20	64QAM	1	49	22.22	22.49	22.31	23.50
20	64QAM	1	99	22.16	22.37	22.17	23.50
20	64QAM	50	0	21.10	21.27	21.08	23.00
20	64QAM	50	24	21.00	21.20	21.00	23.00
20	64QAM	50	50	21.03	21.23	21.06	23.00
20	64QAM	100	0	21.00	21.19	21.01	23.00
20	256QAM	1	0	19.10	19.30	19.11	20.00
20	256QAM	1	49	19.14	19.28	19.07	20.00
20	256QAM	1	99	19.19	19.32	19.21	20.00
20	256QAM	50	0	19.00	19.21	19.05	20.00
20	256QAM	50	24	19.01	19.24	19.06	20.00
20	256QAM	50	50	18.87	19.13	18.96	20.00
20	256QAM	100	0	19.08	19.21	19.09	20.00
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	22.68	22.84	22.74	24.00
15	QPSK	1	37	22.33	22.52	22.35	24.00
15	QPSK	1	74	22.53	22.67	22.57	24.00
15	QPSK	36	0	22.50	22.75	22.55	24.00
15	QPSK	36	20	22.48	22.66	22.53	24.00
15	QPSK	36	39	22.50	22.69	22.50	24.00
15	QPSK	75	0	22.68	22.80	22.58	24.00
15	16QAM	1	0	22.64	22.84	22.60	24.00
15	16QAM	1	37	22.57	22.79	22.54	24.00
15	16QAM	1	74	22.39	22.66	22.56	24.00
15	16QAM	36	0	21.93	22.18	21.99	23.00
15	16QAM	36	20	21.97	22.19	22.11	23.00
15	16QAM	36	39	21.93	22.13	21.94	23.00
15	16QAM	75	0	21.95	22.24	21.84	23.00
15	64QAM	1	0	22.07	22.32	22.09	23.50
15	64QAM	1	37	22.20	22.47	22.28	23.50
15	64QAM	1	74	22.07	22.31	22.03	23.50
15	64QAM	36	0	21.00	21.23	21.04	23.00
15	64QAM	36	20	21.01	21.09	21.00	23.00
15	64QAM	36	39	21.01	21.08	21.01	23.00
15	64QAM	75	0	21.00	21.17	21.01	23.00
15	256QAM	1	0	19.06	19.27	19.09	20.00
15	256QAM	1	37	19.00	19.18	19.04	20.00
15	256QAM	1	74	19.07	19.24	19.06	20.00
15	256QAM	36	0	18.89	19.13	18.92	20.00
15	256QAM	36	20	18.94	19.15	18.96	20.00
15	256QAM	36	39	18.75	19.01	18.92	20.00
15	256QAM	75	0	19.02	19.16	19.06	20.00
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	22.71	22.78	22.73	24.00
10	QPSK	1	25	22.24	22.44	22.32	24.00
10	QPSK	1	49	22.52	22.70	22.51	24.00
10	QPSK	25	0	22.46	22.70	22.44	24.00
10	QPSK	25	12	22.46	22.70	22.57	24.00
10	QPSK	25	25	22.59	22.72	22.48	24.00
10	QPSK	50	0	22.65	22.75	22.71	24.00
10	16QAM	1	0	22.55	22.85	22.65	24.00
10	16QAM	1	25	22.50	22.75	22.56	24.00
10	16QAM	1	49	22.41	22.64	22.44	24.00
10	16QAM	25	0	21.95	22.11	22.04	23.00
10	16QAM	25	12	22.09	22.19	22.06	23.00
10	16QAM	25	25	21.88	22.17	21.89	23.00
10	16QAM	50	0	21.99	22.21	21.94	23.00
10	64QAM	1	0	22.04	22.23	22.15	23.50
10	64QAM	1	25	22.16	22.36	22.21	23.50
10	64QAM	1	49	22.08	22.36	22.03	23.50
10	64QAM	25	0	21.08	21.17	21.06	23.00
10	64QAM	25	12	21.00	21.05	21.00	23.00
10	64QAM	25	25	21.00	21.09	21.00	23.00
10	64QAM	50	0	21.00	21.13	21.00	23.00
10	256QAM	1	0	18.97	19.25	19.04	20.00
10	256QAM	1	25	19.09	19.25	19.00	20.00
10	256QAM	1	49	19.11	19.27	19.14	20.00
10	256QAM	25	0	18.95	19.15	18.92	20.00
10	256QAM	25	12	18.87	19.18	18.94	20.00
10	256QAM	25	25	18.82	19.07	18.88	20.00
10	256QAM	50	0	19.00	19.16	19.08	20.00
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	22.70	22.89	22.70	24.00

5	QPSK	1	12	22.34	22.49	22.36	24.00
5	QPSK	1	24	22.63	22.75	22.57	24.00
5	QPSK	12	0	22.46	22.69	22.46	24.00
5	QPSK	12	7	22.42	22.67	22.45	24.00
5	QPSK	12	13	22.53	22.75	22.46	24.00
5	QPSK	25	0	22.69	22.81	22.61	24.00
5	16QAM	1	0	22.65	22.89	22.66	24.00
5	16QAM	1	12	22.60	22.81	22.56	24.00
5	16QAM	1	24	22.35	22.64	22.51	24.00
5	16QAM	12	0	21.96	22.21	22.08	23.00
5	16QAM	12	7	22.01	22.25	22.14	23.00
5	16QAM	12	13	21.91	22.05	21.88	23.00
5	16QAM	25	0	21.99	22.13	21.93	23.00
5	64QAM	1	0	22.03	22.24	22.16	23.50
5	64QAM	1	12	22.09	22.46	22.19	23.50
5	64QAM	1	24	22.10	22.28	22.06	23.50
5	64QAM	12	0	21.04	21.18	21.06	23.00
5	64QAM	12	7	21.00	21.11	21.00	23.00
5	64QAM	12	13	21.02	21.16	21.00	23.00
5	64QAM	25	0	21.01	21.13	21.00	23.00
5	256QAM	1	0	19.02	19.22	19.03	20.00
5	256QAM	1	12	19.04	19.27	18.92	20.00
5	256QAM	1	24	19.09	19.22	19.06	20.00
5	256QAM	12	0	18.86	19.15	19.02	20.00
5	256QAM	12	7	18.93	19.21	18.93	20.00
5	256QAM	12	13	18.78	19.00	18.87	20.00
5	256QAM	25	0	19.03	19.07	19.05	20.00
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	22.77	22.80	22.69	24.00
3	QPSK	1	8	22.27	22.52	22.38	24.00
3	QPSK	1	14	22.53	22.74	22.47	24.00
3	QPSK	8	0	22.52	22.72	22.49	24.00
3	QPSK	8	4	22.46	22.62	22.48	24.00
3	QPSK	8	7	22.58	22.68	22.40	24.00
3	QPSK	15	0	22.65	22.86	22.65	24.00
3	16QAM	1	0	22.54	22.82	22.67	24.00
3	16QAM	1	8	22.51	22.84	22.55	24.00
3	16QAM	1	14	22.45	22.66	22.47	24.00
3	16QAM	8	0	21.97	22.23	22.02	23.00
3	16QAM	8	4	21.99	22.20	22.12	23.00
3	16QAM	8	7	21.94	22.10	21.86	23.00
3	16QAM	15	0	21.99	22.12	21.85	23.00
3	64QAM	1	0	22.12	22.32	22.10	23.50
3	64QAM	1	8	22.11	22.43	22.17	23.50
3	64QAM	1	14	22.05	22.23	22.11	23.50
3	64QAM	8	0	21.09	21.21	21.00	23.00
3	64QAM	8	4	21.02	21.18	21.02	23.00
3	64QAM	8	7	21.00	21.22	21.00	23.00
3	64QAM	15	0	21.00	21.10	21.00	23.00
3	256QAM	1	0	19.05	19.25	18.96	20.00
3	256QAM	1	8	19.10	19.19	19.01	20.00
3	256QAM	1	14	19.11	19.27	19.10	20.00
3	256QAM	8	0	18.88	19.17	19.04	20.00
3	256QAM	8	4	18.87	19.12	18.93	20.00
3	256QAM	8	7	18.73	19.11	18.86	20.00
3	256QAM	15	0	18.99	19.19	18.96	20.00
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	22.76	22.80	22.66	24.00
1.4	QPSK	1	3	22.35	22.41	22.35	24.00
1.4	QPSK	1	5	22.61	22.72	22.55	24.00
1.4	QPSK	3	0	22.56	22.75	22.44	24.00
1.4	QPSK	3	1	22.37	22.63	22.47	24.00
1.4	QPSK	3	3	22.50	22.68	22.52	24.00
1.4	QPSK	6	0	22.67	22.83	22.62	24.00
1.4	16QAM	1	0	22.54	22.76	22.56	24.00
1.4	16QAM	1	3	22.53	22.81	22.60	24.00
1.4	16QAM	1	5	22.37	22.69	22.45	24.00
1.4	16QAM	3	0	21.95	22.19	21.99	23.00
1.4	16QAM	3	1	22.03	22.23	22.03	23.00
1.4	16QAM	3	3	21.83	22.13	21.94	23.00
1.4	16QAM	6	0	21.89	22.11	21.90	23.00
1.4	64QAM	1	0	22.03	22.22	22.07	24.00
1.4	64QAM	1	3	22.17	22.36	22.22	24.00
1.4	64QAM	1	5	22.09	22.29	22.11	24.00
1.4	64QAM	3	0	21.00	21.17	21.00	23.00

1.4	64QAM	3	1	21.00	21.18	21.00	23.00
1.4	64QAM	3	3	21.01	21.13	21.00	23.00
1.4	64QAM	6	0	21.00	21.05	21.01	23.00
1.4	256QAM	1	0	18.97	19.21	19.10	20.00
1.4	256QAM	1	3	19.08	19.22	18.98	20.00
1.4	256QAM	1	5	19.10	19.27	19.09	20.00
1.4	256QAM	3	0	18.99	19.14	18.94	20.00
1.4	256QAM	3	1	18.87	19.10	18.93	20.00
1.4	256QAM	3	3	18.84	19.12	18.94	20.00
1.4	256QAM	6	0	19.04	19.15	19.03	20.00

【LTE Band 2_Ant 2_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	21.37	21.49	21.42	22.70
20	QPSK	1	49	21.31	21.47	21.39	22.70
20	QPSK	1	99	21.27	21.42	21.31	22.70
20	QPSK	50	0	21.20	21.41	21.22	22.70
20	QPSK	50	24	21.14	21.39	21.27	22.70
20	QPSK	50	50	21.20	21.37	21.28	22.70
20	QPSK	100	0	21.24	21.47	21.37	22.70
20	16QAM	1	0	21.28	21.42	21.23	22.70
20	16QAM	1	49	21.22	21.48	21.34	22.70
20	16QAM	1	99	21.17	21.36	21.26	22.70
20	16QAM	50	0	21.19	21.39	21.25	22.70
20	16QAM	50	24	21.30	21.44	21.26	22.70
20	16QAM	50	50	21.18	21.38	21.26	22.70
20	16QAM	100	0	21.19	21.37	21.27	22.70
20	64QAM	1	0	21.16	21.42	21.30	22.70
20	64QAM	1	49	21.21	21.40	21.29	22.70
20	64QAM	1	99	21.25	21.48	21.36	22.70
20	64QAM	50	0	21.29	21.47	21.34	22.70
20	64QAM	50	24	21.19	21.42	21.30	22.70
20	64QAM	50	50	21.16	21.39	21.25	22.70
20	64QAM	100	0	21.15	21.41	21.31	22.70
20	256QAM	1	0	19.10	19.30	19.11	20.20
20	256QAM	1	49	19.14	19.28	19.07	20.20
20	256QAM	1	99	19.19	19.32	19.21	20.20
20	256QAM	50	0	19.00	19.21	19.05	20.20
20	256QAM	50	24	19.01	19.24	19.06	20.20
20	256QAM	50	50	18.87	19.13	18.96	20.20
20	256QAM	100	0	19.08	19.21	19.09	20.20
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	21.34	21.35	21.41	22.70
15	QPSK	1	37	21.23	21.44	21.28	22.70
15	QPSK	1	74	21.23	21.36	21.21	22.70
15	QPSK	36	0	21.15	21.39	21.19	22.70
15	QPSK	36	20	21.02	21.34	21.19	22.70
15	QPSK	36	39	21.16	21.29	21.17	22.70
15	QPSK	75	0	21.19	21.39	21.29	22.70
15	16QAM	1	0	21.25	21.30	21.20	22.70
15	16QAM	1	37	21.13	21.35	21.27	22.70
15	16QAM	1	74	21.15	21.30	21.21	22.70
15	16QAM	36	0	21.07	21.36	21.23	22.70
15	16QAM	36	20	21.17	21.33	21.19	22.70
15	16QAM	36	39	21.13	21.27	21.20	22.70
15	16QAM	75	0	21.11	21.33	21.16	22.70
15	64QAM	1	0	21.13	21.38	21.22	22.70
15	64QAM	1	37	21.19	21.36	21.24	22.70
15	64QAM	1	74	21.13	21.45	21.23	22.70
15	64QAM	36	0	21.24	21.43	21.31	22.70
15	64QAM	36	20	21.12	21.32	21.23	22.70
15	64QAM	36	39	21.10	21.31	21.14	22.70
15	64QAM	75	0	21.02	21.35	21.26	22.70
15	256QAM	1	0	19.06	19.27	19.09	20.20
15	256QAM	1	37	19.00	19.18	19.04	20.20
15	256QAM	1	74	19.07	19.24	19.06	20.20
15	256QAM	36	0	18.89	19.13	18.92	20.20
15	256QAM	36	20	18.94	19.15	18.96	20.20

15	256QAM	36	39	18.75	19.01	18.92	20.20
15	256QAM	75	0	19.02	19.16	19.06	20.20
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	21.35	21.39	21.38	22.70
10	QPSK	1	25	21.28	21.40	21.29	22.70
10	QPSK	1	49	21.21	21.35	21.26	22.70
10	QPSK	25	0	21.06	21.29	21.21	22.70
10	QPSK	25	12	21.11	21.33	21.25	22.70
10	QPSK	25	25	21.12	21.30	21.22	22.70
10	QPSK	50	0	21.17	21.36	21.29	22.70
10	16QAM	1	0	21.24	21.39	21.10	22.70
10	16QAM	1	25	21.21	21.41	21.21	22.70
10	16QAM	1	49	21.10	21.26	21.24	22.70
10	16QAM	25	0	21.15	21.24	21.10	22.70
10	16QAM	25	12	21.29	21.40	21.22	22.70
10	16QAM	25	25	21.06	21.31	21.15	22.70
10	16QAM	50	0	21.14	21.34	21.15	22.70
10	64QAM	1	0	21.05	21.33	21.26	22.70
10	64QAM	1	25	21.11	21.33	21.27	22.70
10	64QAM	1	49	21.14	21.33	21.35	22.70
10	64QAM	25	0	21.24	21.34	21.23	22.70
10	64QAM	25	12	21.11	21.36	21.21	22.70
10	64QAM	25	25	21.05	21.24	21.22	22.70
10	64QAM	50	0	21.10	21.35	21.25	22.70
10	256QAM	1	0	18.97	19.25	19.04	20.20
10	256QAM	1	25	19.09	19.25	19.00	20.20
10	256QAM	1	49	19.11	19.27	19.14	20.20
10	256QAM	25	0	18.95	19.15	18.92	20.20
10	256QAM	25	12	18.87	19.18	18.94	20.20
10	256QAM	25	25	18.82	19.07	18.88	20.20
10	256QAM	50	0	19.00	19.16	19.08	20.20
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	21.31	21.45	21.36	22.70
5	QPSK	1	12	21.28	21.34	21.36	22.70
5	QPSK	1	24	21.18	21.37	21.20	22.70
5	QPSK	12	0	21.08	21.28	21.21	22.70
5	QPSK	12	7	21.03	21.37	21.23	22.70
5	QPSK	12	13	21.17	21.35	21.26	22.70
5	QPSK	25	0	21.23	21.36	21.26	22.70
5	16QAM	1	0	21.22	21.40	21.15	22.70
5	16QAM	1	12	21.13	21.40	21.29	22.70
5	16QAM	1	24	21.15	21.29	21.22	22.70
5	16QAM	12	0	21.12	21.38	21.11	22.70
5	16QAM	12	7	21.16	21.32	21.19	22.70
5	16QAM	12	13	21.08	21.34	21.15	22.70
5	16QAM	25	0	21.12	21.28	21.19	22.70
5	64QAM	1	0	21.14	21.35	21.28	22.70
5	64QAM	1	12	21.19	21.29	21.21	22.70
5	64QAM	1	24	21.19	21.33	21.32	22.70
5	64QAM	12	0	21.18	21.34	21.31	22.70
5	64QAM	12	7	21.14	21.38	21.25	22.70
5	64QAM	12	13	21.05	21.28	21.13	22.70
5	64QAM	25	0	21.05	21.34	21.22	22.70
5	256QAM	1	0	19.02	19.22	19.03	20.20
5	256QAM	1	12	19.04	19.27	18.92	20.20
5	256QAM	1	24	19.09	19.22	19.06	20.20
5	256QAM	12	0	18.86	19.15	19.02	20.20
5	256QAM	12	7	18.93	19.21	18.93	20.20
5	256QAM	12	13	18.78	19.00	18.87	20.20
5	256QAM	25	0	19.03	19.07	19.05	20.20
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	21.34	21.43	21.37	22.70
3	QPSK	1	8	21.21	21.37	21.32	22.70
3	QPSK	1	14	21.21	21.37	21.23	22.70
3	QPSK	8	0	21.13	21.28	21.11	22.70
3	QPSK	8	4	21.08	21.24	21.17	22.70
3	QPSK	8	7	21.09	21.26	21.24	22.70
3	QPSK	15	0	21.17	21.34	21.29	22.70
3	16QAM	1	0	21.26	21.32	21.14	22.70
3	16QAM	1	8	21.19	21.34	21.31	22.70
3	16QAM	1	14	21.12	21.28	21.12	22.70
3	16QAM	8	0	21.14	21.37	21.18	22.70
3	16QAM	8	4	21.27	21.36	21.11	22.70
3	16QAM	8	7	21.09	21.28	21.18	22.70

3	16QAM	15	0	21.04	21.25	21.12	22.70
3	64QAM	1	0	21.03	21.32	21.25	22.70
3	64QAM	1	8	21.14	21.30	21.25	22.70
3	64QAM	1	14	21.16	21.41	21.26	22.70
3	64QAM	8	0	21.18	21.38	21.27	22.70
3	64QAM	8	4	21.06	21.41	21.23	22.70
3	64QAM	8	7	21.13	21.33	21.20	22.70
3	64QAM	15	0	21.13	21.38	21.21	22.70
3	256QAM	1	0	19.05	19.25	18.96	20.20
3	256QAM	1	8	19.10	19.19	19.01	20.20
3	256QAM	1	14	19.11	19.27	19.10	20.20
3	256QAM	8	0	18.88	19.17	19.04	20.20
3	256QAM	8	4	18.87	19.12	18.93	20.20
3	256QAM	8	7	18.73	19.11	18.86	20.20
3	256QAM	15	0	18.99	19.19	18.96	20.20
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	21.30	21.47	21.31	22.70
1.4	QPSK	1	3	21.22	21.38	21.33	22.70
1.4	QPSK	1	5	21.14	21.31	21.26	22.70
1.4	QPSK	3	0	21.15	21.30	21.18	22.70
1.4	QPSK	3	1	21.02	21.31	21.19	22.70
1.4	QPSK	3	3	21.14	21.27	21.27	22.70
1.4	QPSK	6	0	21.20	21.42	21.28	22.70
1.4	16QAM	1	0	21.18	21.28	21.10	22.70
1.4	16QAM	1	3	21.19	21.44	21.28	22.70
1.4	16QAM	1	5	21.11	21.25	21.18	22.70
1.4	16QAM	3	0	21.08	21.30	21.17	22.70
1.4	16QAM	3	1	21.28	21.33	21.22	22.70
1.4	16QAM	3	3	21.17	21.33	21.11	22.70
1.4	16QAM	6	0	21.16	21.30	21.26	22.70
1.4	64QAM	1	0	21.09	21.39	21.17	22.70
1.4	64QAM	1	3	21.12	21.31	21.18	22.70
1.4	64QAM	1	5	21.17	21.46	21.33	22.70
1.4	64QAM	3	0	21.22	21.33	21.27	22.70
1.4	64QAM	3	1	21.04	21.35	21.24	22.70
1.4	64QAM	3	3	21.06	21.38	21.22	22.70
1.4	64QAM	6	0	21.13	21.33	21.26	22.70
1.4	256QAM	1	0	18.97	19.21	19.10	20.20
1.4	256QAM	1	3	19.08	19.22	18.98	20.20
1.4	256QAM	1	5	19.10	19.27	19.09	20.20
1.4	256QAM	3	0	18.99	19.14	18.94	20.20
1.4	256QAM	3	1	18.87	19.10	18.93	20.20
1.4	256QAM	3	3	18.84	19.12	18.94	20.20
1.4	256QAM	6	0	19.04	19.15	19.03	20.20

【LTE Band 2_Ant 2_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	22.79	22.92	22.80	23.70
20	QPSK	1	49	22.37	22.55	22.41	23.70
20	QPSK	1	99	22.65	22.79	22.62	23.70
20	QPSK	50	0	22.59	22.83	22.58	23.70
20	QPSK	50	24	22.50	22.75	22.59	23.70
20	QPSK	50	50	22.61	22.77	22.54	23.70
20	QPSK	100	0	22.72	22.88	22.72	23.70
20	16QAM	1	0	22.68	22.90	22.70	23.70
20	16QAM	1	49	22.64	22.86	22.68	23.70
20	16QAM	1	99	22.49	22.74	22.58	23.70
20	16QAM	50	0	22.06	22.25	22.11	23.00
20	16QAM	50	24	22.11	22.31	22.17	23.00
20	16QAM	50	50	21.96	22.18	21.99	23.00
20	16QAM	100	0	22.01	22.25	21.98	23.00
20	64QAM	1	0	22.15	22.34	22.21	23.50
20	64QAM	1	49	22.22	22.49	22.31	23.50
20	64QAM	1	99	22.16	22.37	22.17	23.50
20	64QAM	50	0	21.10	21.27	21.08	22.00
20	64QAM	50	24	21.00	21.20	21.00	22.00
20	64QAM	50	50	21.03	21.23	21.06	22.00
20	64QAM	100	0	21.00	21.19	21.01	22.00

20	256QAM	1	0	19.10	19.30	19.11	20.00
20	256QAM	1	49	19.14	19.28	19.07	20.00
20	256QAM	1	99	19.19	19.32	19.21	20.00
20	256QAM	50	0	19.00	19.21	19.05	20.00
20	256QAM	50	24	19.01	19.24	19.06	20.00
20	256QAM	50	50	18.87	19.13	18.96	20.00
20	256QAM	100	0	19.08	19.21	19.09	20.00
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	22.68	22.84	22.74	23.70
15	QPSK	1	37	22.33	22.52	22.35	23.70
15	QPSK	1	74	22.53	22.67	22.57	23.70
15	QPSK	36	0	22.50	22.75	22.55	23.70
15	QPSK	36	20	22.48	22.66	22.53	23.70
15	QPSK	36	39	22.50	22.69	22.50	23.70
15	QPSK	75	0	22.68	22.80	22.58	23.70
15	16QAM	1	0	22.64	22.84	22.60	23.70
15	16QAM	1	37	22.57	22.79	22.54	23.70
15	16QAM	1	74	22.39	22.66	22.56	23.70
15	16QAM	36	0	21.93	22.18	21.99	23.00
15	16QAM	36	20	21.97	22.19	22.11	23.00
15	16QAM	36	39	21.93	22.13	21.94	23.00
15	16QAM	75	0	21.95	22.24	21.84	23.00
15	64QAM	1	0	22.07	22.32	22.09	23.50
15	64QAM	1	37	22.20	22.47	22.28	23.50
15	64QAM	1	74	22.07	22.31	22.03	23.50
15	64QAM	36	0	21.00	21.23	21.04	22.00
15	64QAM	36	20	21.01	21.09	21.00	22.00
15	64QAM	36	39	21.01	21.08	21.01	22.00
15	64QAM	75	0	21.00	21.17	21.01	22.00
15	256QAM	1	0	19.06	19.27	19.09	20.00
15	256QAM	1	37	19.00	19.18	19.04	20.00
15	256QAM	1	74	19.07	19.24	19.06	20.00
15	256QAM	36	0	18.89	19.13	18.92	20.00
15	256QAM	36	20	18.94	19.15	18.96	20.00
15	256QAM	36	39	18.75	19.01	18.92	20.00
15	256QAM	75	0	19.02	19.16	19.06	20.00
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	22.71	22.78	22.73	23.70
10	QPSK	1	25	22.24	22.44	22.32	23.70
10	QPSK	1	49	22.52	22.70	22.51	23.70
10	QPSK	25	0	22.46	22.70	22.44	23.70
10	QPSK	25	12	22.46	22.70	22.57	23.70
10	QPSK	25	25	22.59	22.72	22.48	23.70
10	QPSK	50	0	22.65	22.75	22.71	23.70
10	16QAM	1	0	22.55	22.85	22.65	23.70
10	16QAM	1	25	22.50	22.75	22.56	23.70
10	16QAM	1	49	22.41	22.64	22.44	23.70
10	16QAM	25	0	21.95	22.11	22.04	23.00
10	16QAM	25	12	22.09	22.19	22.06	23.00
10	16QAM	25	25	21.88	22.17	21.89	23.00
10	16QAM	50	0	21.99	22.21	21.94	23.00
10	64QAM	1	0	22.04	22.23	22.15	23.50
10	64QAM	1	25	22.16	22.36	22.21	23.50
10	64QAM	1	49	22.08	22.36	22.03	23.50
10	64QAM	25	0	21.08	21.17	21.06	22.00
10	64QAM	25	12	21.00	21.05	21.00	22.00
10	64QAM	25	25	21.00	21.09	21.00	22.00
10	64QAM	50	0	21.00	21.13	21.00	22.00
10	256QAM	1	0	18.97	19.25	19.04	20.00
10	256QAM	1	25	19.09	19.25	19.00	20.00
10	256QAM	1	49	19.11	19.27	19.14	20.00
10	256QAM	25	0	18.95	19.15	18.92	20.00
10	256QAM	25	12	18.87	19.18	18.94	20.00
10	256QAM	25	25	18.82	19.07	18.88	20.00
10	256QAM	50	0	19.00	19.16	19.08	20.00
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	22.70	22.89	22.70	23.70
5	QPSK	1	12	22.34	22.49	22.36	23.70
5	QPSK	1	24	22.63	22.75	22.57	23.70
5	QPSK	12	0	22.46	22.69	22.46	23.70
5	QPSK	12	7	22.42	22.67	22.45	23.70
5	QPSK	12	13	22.53	22.75	22.46	23.70
5	QPSK	25	0	22.69	22.81	22.61	23.70
5	16QAM	1	0	22.65	22.89	22.66	23.70

5	16QAM	1	12	22.60	22.81	22.56	23.70
5	16QAM	1	24	22.35	22.64	22.51	23.70
5	16QAM	12	0	21.96	22.21	22.08	23.00
5	16QAM	12	7	22.01	22.25	22.14	23.00
5	16QAM	12	13	21.91	22.05	21.88	23.00
5	16QAM	25	0	21.99	22.13	21.93	23.00
5	64QAM	1	0	22.03	22.24	22.16	23.50
5	64QAM	1	12	22.09	22.46	22.19	23.50
5	64QAM	1	24	22.10	22.28	22.06	23.50
5	64QAM	12	0	21.04	21.18	21.06	22.00
5	64QAM	12	7	21.00	21.11	21.00	22.00
5	64QAM	12	13	21.02	21.16	21.00	22.00
5	64QAM	25	0	21.01	21.13	21.00	22.00
5	256QAM	1	0	19.02	19.22	19.03	20.00
5	256QAM	1	12	19.04	19.27	18.92	20.00
5	256QAM	1	24	19.09	19.22	19.06	20.00
5	256QAM	12	0	18.86	19.15	19.02	20.00
5	256QAM	12	7	18.93	19.21	18.93	20.00
5	256QAM	12	13	18.78	19.00	18.87	20.00
5	256QAM	25	0	19.03	19.07	19.05	20.00
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	22.77	22.80	22.69	23.70
3	QPSK	1	8	22.27	22.52	22.38	23.70
3	QPSK	1	14	22.53	22.74	22.47	23.70
3	QPSK	8	0	22.52	22.72	22.49	23.70
3	QPSK	8	4	22.46	22.62	22.48	23.70
3	QPSK	8	7	22.58	22.68	22.40	23.70
3	QPSK	15	0	22.65	22.86	22.65	23.70
3	16QAM	1	0	22.54	22.82	22.67	23.70
3	16QAM	1	8	22.51	22.84	22.55	23.70
3	16QAM	1	14	22.45	22.66	22.47	23.70
3	16QAM	8	0	21.97	22.23	22.02	23.00
3	16QAM	8	4	21.99	22.20	22.12	23.00
3	16QAM	8	7	21.94	22.10	21.86	23.00
3	16QAM	15	0	21.99	22.12	21.85	23.00
3	64QAM	1	0	22.12	22.32	22.10	23.50
3	64QAM	1	8	22.11	22.43	22.17	23.50
3	64QAM	1	14	22.05	22.23	22.11	23.50
3	64QAM	8	0	21.09	21.21	21.00	22.00
3	64QAM	8	4	21.02	21.18	21.02	22.00
3	64QAM	8	7	21.00	21.22	21.00	22.00
3	64QAM	15	0	21.00	21.10	21.00	22.00
3	256QAM	1	0	19.05	19.25	18.96	20.00
3	256QAM	1	8	19.10	19.19	19.01	20.00
3	256QAM	1	14	19.11	19.27	19.10	20.00
3	256QAM	8	0	18.88	19.17	19.04	20.00
3	256QAM	8	4	18.87	19.12	18.93	20.00
3	256QAM	8	7	18.73	19.11	18.86	20.00
3	256QAM	15	0	18.99	19.19	18.96	20.00
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	22.76	22.80	22.66	23.70
1.4	QPSK	1	3	22.35	22.41	22.35	23.70
1.4	QPSK	1	5	22.61	22.72	22.55	23.70
1.4	QPSK	3	0	22.56	22.75	22.44	23.70
1.4	QPSK	3	1	22.37	22.63	22.47	23.70
1.4	QPSK	3	3	22.50	22.68	22.52	23.70
1.4	QPSK	6	0	22.67	22.83	22.62	23.70
1.4	16QAM	1	0	22.54	22.76	22.56	23.70
1.4	16QAM	1	3	22.53	22.81	22.60	23.70
1.4	16QAM	1	5	22.37	22.69	22.45	23.70
1.4	16QAM	3	0	21.95	22.19	21.99	23.00
1.4	16QAM	3	1	22.03	22.23	22.03	23.00
1.4	16QAM	3	3	21.83	22.13	21.94	23.00
1.4	16QAM	6	0	21.89	22.11	21.90	23.00
1.4	64QAM	1	0	22.03	22.22	22.07	23.70
1.4	64QAM	1	3	22.17	22.36	22.22	23.70
1.4	64QAM	1	5	22.09	22.29	22.11	23.70
1.4	64QAM	3	0	21.00	21.17	21.00	23.00
1.4	64QAM	3	1	21.00	21.18	21.00	23.00
1.4	64QAM	3	3	21.01	21.13	21.00	23.00
1.4	64QAM	6	0	21.00	21.05	21.01	23.00
1.4	256QAM	1	0	18.97	19.21	19.10	20.00
1.4	256QAM	1	3	19.08	19.22	18.98	20.00
1.4	256QAM	1	5	19.10	19.27	19.09	20.00
1.4	256QAM	3	0	18.99	19.14	18.94	20.00

1.4	256QAM	3	1	18.87	19.10	18.93	20.00
1.4	256QAM	3	3	18.84	19.12	18.94	20.00
1.4	256QAM	6	0	19.04	19.15	19.03	20.00

【LTE Band 2_Ant 2_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	19.79	19.99	19.79	20.70
20	QPSK	1	49	19.80	19.93	19.80	20.70
20	QPSK	1	99	19.85	19.92	19.75	20.70
20	QPSK	50	0	19.76	19.97	19.78	20.70
20	QPSK	50	24	19.83	19.85	19.81	20.70
20	QPSK	50	50	19.75	19.92	19.77	20.70
20	QPSK	100	0	19.83	19.90	19.85	20.70
20	16QAM	1	0	19.79	19.93	19.74	20.70
20	16QAM	1	49	19.72	19.95	19.87	20.70
20	16QAM	1	99	19.84	19.85	19.74	20.70
20	16QAM	50	0	19.83	19.92	19.78	20.70
20	16QAM	50	24	19.72	19.89	19.82	20.70
20	16QAM	50	50	19.79	19.85	19.79	20.70
20	16QAM	100	0	19.73	19.93	19.81	20.70
20	64QAM	1	0	19.75	19.92	19.82	20.70
20	64QAM	1	49	19.84	19.85	19.87	20.70
20	64QAM	1	99	19.72	19.86	19.87	20.70
20	64QAM	50	0	19.72	19.93	19.79	20.70
20	64QAM	50	24	19.73	19.96	19.82	20.70
20	64QAM	50	50	19.74	19.96	19.82	20.70
20	64QAM	100	0	19.86	19.92	19.73	20.70
20	256QAM	1	0	19.10	19.30	19.11	19.70
20	256QAM	1	49	19.14	19.28	19.07	19.70
20	256QAM	1	99	19.19	19.32	19.21	19.70
20	256QAM	50	0	19.00	19.21	19.05	19.70
20	256QAM	50	24	19.01	19.24	19.06	19.70
20	256QAM	50	50	18.87	19.13	18.96	19.70
20	256QAM	100	0	19.08	19.21	19.09	19.70
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	19.70	19.93	19.77	20.70
15	QPSK	1	37	19.76	19.86	19.78	20.70
15	QPSK	1	74	19.78	19.91	19.70	20.70
15	QPSK	36	0	19.67	19.96	19.65	20.70
15	QPSK	36	20	19.69	19.73	19.74	20.70
15	QPSK	36	39	19.72	19.87	19.68	20.70
15	QPSK	75	0	19.73	19.77	19.79	20.70
15	16QAM	1	0	19.71	19.91	19.61	20.70
15	16QAM	1	37	19.66	19.86	19.78	20.70
15	16QAM	1	74	19.76	19.78	19.69	20.70
15	16QAM	36	0	19.76	19.86	19.72	20.70
15	16QAM	36	20	19.63	19.84	19.71	20.70
15	16QAM	36	39	19.70	19.79	19.66	20.70
15	16QAM	75	0	19.68	19.88	19.77	20.70
15	64QAM	1	0	19.73	19.82	19.77	20.70
15	64QAM	1	37	19.79	19.74	19.79	20.70
15	64QAM	1	74	19.71	19.78	19.79	20.70
15	64QAM	36	0	19.62	19.86	19.69	20.70
15	64QAM	36	20	19.66	19.94	19.79	20.70
15	64QAM	36	39	19.69	19.90	19.74	20.70
15	64QAM	75	0	19.79	19.84	19.63	20.70
15	256QAM	1	0	19.06	19.27	19.09	19.70
15	256QAM	1	37	19.00	19.18	19.04	19.70
15	256QAM	1	74	19.07	19.24	19.06	19.70
15	256QAM	36	0	18.89	19.13	18.92	19.70
15	256QAM	36	20	18.94	19.15	18.96	19.70
15	256QAM	36	39	18.75	19.01	18.92	19.70
15	256QAM	75	0	19.02	19.16	19.06	19.70
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	19.66	19.93	19.74	20.70
10	QPSK	1	25	19.74	19.88	19.69	20.70
10	QPSK	1	49	19.74	19.86	19.74	20.70

10	QPSK	25	0	19.67	19.84	19.70	20.70
10	QPSK	25	12	19.69	19.73	19.69	20.70
10	QPSK	25	25	19.62	19.86	19.74	20.70
10	QPSK	50	0	19.75	19.89	19.75	20.70
10	16QAM	1	0	19.71	19.81	19.72	20.70
10	16QAM	1	25	19.66	19.92	19.78	20.70
10	16QAM	1	49	19.73	19.74	19.64	20.70
10	16QAM	25	0	19.71	19.84	19.67	20.70
10	16QAM	25	12	19.64	19.75	19.67	20.70
10	16QAM	25	25	19.75	19.80	19.71	20.70
10	16QAM	50	0	19.59	19.83	19.66	20.70
10	64QAM	1	0	19.72	19.82	19.75	20.70
10	64QAM	1	25	19.72	19.80	19.79	20.70
10	64QAM	1	49	19.62	19.76	19.79	20.70
10	64QAM	25	0	19.66	19.81	19.69	20.70
10	64QAM	25	12	19.66	19.89	19.78	20.70
10	64QAM	25	25	19.66	19.94	19.70	20.70
10	64QAM	50	0	19.77	19.86	19.67	20.70
10	256QAM	1	0	18.97	19.25	19.04	19.70
10	256QAM	1	25	19.09	19.25	19.00	19.70
10	256QAM	1	49	19.11	19.27	19.14	19.70
10	256QAM	25	0	18.95	19.15	18.92	19.70
10	256QAM	25	12	18.87	19.18	18.94	19.70
10	256QAM	25	25	18.82	19.07	18.88	19.70
10	256QAM	50	0	19.00	19.16	19.08	19.70
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	19.65	19.90	19.75	20.70
5	QPSK	1	12	19.75	19.81	19.76	20.70
5	QPSK	1	24	19.73	19.89	19.62	20.70
5	QPSK	12	0	19.74	19.86	19.64	20.70
5	QPSK	12	7	19.75	19.71	19.73	20.70
5	QPSK	12	13	19.62	19.86	19.75	20.70
5	QPSK	25	0	19.79	19.78	19.74	20.70
5	16QAM	1	0	19.75	19.84	19.63	20.70
5	16QAM	1	12	19.60	19.80	19.75	20.70
5	16QAM	1	24	19.77	19.79	19.64	20.70
5	16QAM	12	0	19.77	19.88	19.66	20.70
5	16QAM	12	7	19.67	19.78	19.77	20.70
5	16QAM	12	13	19.70	19.72	19.73	20.70
5	16QAM	25	0	19.61	19.88	19.72	20.70
5	64QAM	1	0	19.72	19.84	19.77	20.70
5	64QAM	1	12	19.71	19.73	19.79	20.70
5	64QAM	1	24	19.65	19.75	19.78	20.70
5	64QAM	12	0	19.62	19.87	19.65	20.70
5	64QAM	12	7	19.63	19.93	19.79	20.70
5	64QAM	12	13	19.72	19.93	19.68	20.70
5	64QAM	25	0	19.77	19.81	19.58	20.70
5	256QAM	1	0	19.02	19.22	19.03	19.70
5	256QAM	1	12	19.04	19.27	18.92	19.70
5	256QAM	1	24	19.09	19.22	19.06	19.70
5	256QAM	12	0	18.86	19.15	19.02	19.70
5	256QAM	12	7	18.93	19.21	18.93	19.70
5	256QAM	12	13	18.78	19.00	18.87	19.70
5	256QAM	25	0	19.03	19.07	19.05	19.70
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	19.72	19.91	19.75	20.70
3	QPSK	1	8	19.67	19.84	19.71	20.70
3	QPSK	1	14	19.73	19.82	19.72	20.70
3	QPSK	8	0	19.70	19.94	19.64	20.70
3	QPSK	8	4	19.71	19.80	19.72	20.70
3	QPSK	8	7	19.70	19.87	19.73	20.70
3	QPSK	15	0	19.72	19.85	19.79	20.70
3	16QAM	1	0	19.67	19.92	19.67	20.70
3	16QAM	1	8	19.61	19.87	19.79	20.70
3	16QAM	1	14	19.72	19.73	19.59	20.70
3	16QAM	8	0	19.69	19.90	19.67	20.70
3	16QAM	8	4	19.64	19.75	19.70	20.70
3	16QAM	8	7	19.64	19.71	19.69	20.70
3	16QAM	15	0	19.63	19.83	19.69	20.70
3	64QAM	1	0	19.60	19.82	19.75	20.70
3	64QAM	1	8	19.79	19.75	19.78	20.70
3	64QAM	1	14	19.57	19.80	19.79	20.70
3	64QAM	8	0	19.63	19.80	19.69	20.70
3	64QAM	8	4	19.60	19.88	19.74	20.70
3	64QAM	8	7	19.63	19.86	19.79	20.70

3	64QAM	15	0	19.73	19.78	19.68	20.70
3	256QAM	1	0	19.05	19.25	18.96	19.70
3	256QAM	1	8	19.10	19.19	19.01	19.70
3	256QAM	1	14	19.11	19.27	19.10	19.70
3	256QAM	8	0	18.88	19.17	19.04	19.70
3	256QAM	8	4	18.87	19.12	18.93	19.70
3	256QAM	8	7	18.73	19.11	18.86	19.70
3	256QAM	15	0	18.99	19.19	18.96	19.70
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	19.75	19.85	19.69	20.70
1.4	QPSK	1	3	19.73	19.79	19.78	20.70
1.4	QPSK	1	5	19.71	19.89	19.65	20.70
1.4	QPSK	3	0	19.72	19.92	19.65	20.70
1.4	QPSK	3	1	19.75	19.77	19.71	20.70
1.4	QPSK	3	3	19.60	19.80	19.73	20.70
1.4	QPSK	6	0	19.71	19.82	19.79	20.70
1.4	16QAM	1	0	19.77	19.89	19.70	20.70
1.4	16QAM	1	3	19.68	19.85	19.77	20.70
1.4	16QAM	1	5	19.72	19.79	19.62	20.70
1.4	16QAM	3	0	19.79	19.82	19.75	20.70
1.4	16QAM	3	1	19.65	19.77	19.67	20.70
1.4	16QAM	3	3	19.64	19.76	19.77	20.70
1.4	16QAM	6	0	19.64	19.81	19.72	20.70
1.4	64QAM	1	0	19.63	19.82	19.72	20.70
1.4	64QAM	1	3	19.78	19.78	19.77	20.70
1.4	64QAM	1	5	19.61	19.77	19.79	20.70
1.4	64QAM	3	0	19.66	19.89	19.72	20.70
1.4	64QAM	3	1	19.66	19.83	19.70	20.70
1.4	64QAM	3	3	19.61	19.86	19.76	20.70
1.4	64QAM	6	0	19.79	19.89	19.71	20.70
1.4	256QAM	1	0	18.97	19.21	19.10	19.70
1.4	256QAM	1	3	19.08	19.22	18.98	19.70
1.4	256QAM	1	5	19.10	19.27	19.09	19.70
1.4	256QAM	3	0	18.99	19.14	18.94	19.70
1.4	256QAM	3	1	18.87	19.10	18.93	19.70
1.4	256QAM	3	3	18.84	19.12	18.94	19.70
1.4	256QAM	6	0	19.04	19.15	19.03	19.70

【LTE Band 2_Ant 6_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	18.95	19.24	19.07	20.50
20	QPSK	1	49	18.87	19.10	18.92	20.50
20	QPSK	1	99	18.85	19.18	19.03	20.50
20	QPSK	50	0	18.84	19.19	19.00	20.50
20	QPSK	50	24	18.81	19.17	18.87	20.50
20	QPSK	50	50	18.71	19.09	19.03	20.50
20	QPSK	100	0	18.86	19.10	18.83	20.50
20	16QAM	1	0	18.91	19.19	19.01	20.50
20	16QAM	1	49	18.83	19.14	18.92	20.50
20	16QAM	1	99	18.84	19.03	18.94	20.50
20	16QAM	50	0	18.77	19.12	18.86	20.50
20	16QAM	50	24	18.82	19.11	18.96	20.50
20	16QAM	50	50	18.87	19.05	18.91	20.50
20	16QAM	100	0	18.88	19.06	18.82	20.50
20	64QAM	1	0	18.88	19.16	19.07	20.50
20	64QAM	1	49	18.86	19.17	18.87	20.50
20	64QAM	1	99	18.70	19.00	18.91	20.50
20	64QAM	50	0	18.85	19.16	18.99	20.50
20	64QAM	50	24	18.72	19.08	19.01	20.50
20	64QAM	50	50	18.86	19.11	19.02	20.50
20	64QAM	100	0	18.78	19.05	18.99	20.50
20	256QAM	1	0	17.54	17.70	17.43	18.50
20	256QAM	1	49	17.44	17.60	17.38	18.50
20	256QAM	1	99	17.22	17.57	17.32	18.50
20	256QAM	50	0	17.31	17.44	17.23	18.50
20	256QAM	50	24	17.22	17.50	17.33	18.50
20	256QAM	50	50	17.24	17.46	17.17	18.50
20	256QAM	100	0	17.18	17.41	17.20	18.50

Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	18.93	19.10	18.93	20.50
15	QPSK	1	37	18.80	19.03	18.82	20.50
15	QPSK	1	74	18.82	19.14	19.03	20.50
15	QPSK	36	0	18.76	19.13	18.98	20.50
15	QPSK	36	20	18.75	19.17	18.77	20.50
15	QPSK	36	39	18.68	19.05	19.02	20.50
15	QPSK	75	0	18.74	18.97	18.81	20.50
15	16QAM	1	0	18.87	19.14	18.91	20.50
15	16QAM	1	37	18.80	19.04	18.90	20.50
15	16QAM	1	74	18.72	18.88	18.92	20.50
15	16QAM	36	0	18.67	19.09	18.71	20.50
15	16QAM	36	20	18.80	19.05	18.86	20.50
15	16QAM	36	39	18.84	19.00	18.82	20.50
15	16QAM	75	0	18.85	19.03	18.77	20.50
15	64QAM	1	0	18.87	19.09	19.00	20.50
15	64QAM	1	37	18.72	19.06	18.76	20.50
15	64QAM	1	74	18.64	18.93	18.82	20.50
15	64QAM	36	0	18.81	19.10	18.95	20.50
15	64QAM	36	20	18.63	19.00	18.94	20.50
15	64QAM	36	39	18.76	19.06	18.88	20.50
15	64QAM	75	0	18.67	18.91	18.94	20.50
15	256QAM	1	0	17.46	17.57	17.39	18.50
15	256QAM	1	37	17.31	17.57	17.27	18.50
15	256QAM	1	74	17.19	17.50	17.25	18.50
15	256QAM	36	0	17.19	17.33	17.08	18.50
15	256QAM	36	20	17.07	17.40	17.27	18.50
15	256QAM	36	39	17.15	17.34	17.05	18.50
15	256QAM	75	0	17.06	17.38	17.10	18.50
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	18.90	19.20	18.94	20.50
10	QPSK	1	25	18.84	19.98	18.90	20.50
10	QPSK	1	49	18.72	19.12	19.00	20.50
10	QPSK	25	0	18.68	19.09	18.88	20.50
10	QPSK	25	12	18.70	19.08	18.73	20.50
10	QPSK	25	25	18.60	18.94	18.94	20.50
10	QPSK	50	0	18.82	19.04	18.68	20.50
10	16QAM	1	0	18.89	19.07	18.93	20.50
10	16QAM	1	25	18.76	19.06	18.85	20.50
10	16QAM	1	49	18.73	18.95	18.90	20.50
10	16QAM	25	0	18.67	19.10	18.81	20.50
10	16QAM	25	12	18.77	19.08	18.83	20.50
10	16QAM	25	25	18.80	18.92	18.89	20.50
10	16QAM	50	0	18.79	18.95	18.67	20.50
10	64QAM	1	0	18.78	19.03	19.00	20.50
10	64QAM	1	25	18.79	19.16	18.77	20.50
10	64QAM	1	49	18.59	18.92	18.87	20.50
10	64QAM	25	0	18.71	19.02	18.95	20.50
10	64QAM	25	12	18.64	19.05	18.98	20.50
10	64QAM	25	25	18.77	19.00	18.88	20.50
10	64QAM	50	0	18.76	18.90	18.95	20.50
10	256QAM	1	0	17.49	17.65	17.35	18.50
10	256QAM	1	25	17.32	17.51	17.25	18.50
10	256QAM	1	49	17.07	17.50	17.19	18.50
10	256QAM	25	0	17.28	17.35	17.13	18.50
10	256QAM	25	12	17.10	17.39	17.32	18.50
10	256QAM	25	25	17.19	17.42	17.14	18.50
10	256QAM	50	0	17.07	17.31	17.18	18.50
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	18.86	19.17	18.89	20.50
5	QPSK	1	12	18.72	19.06	18.88	20.50
5	QPSK	1	24	18.83	19.17	18.95	20.50
5	QPSK	12	0	18.77	19.02	18.96	20.50
5	QPSK	12	7	18.80	19.14	18.77	20.50
5	QPSK	12	13	18.69	19.00	18.95	20.50
5	QPSK	25	0	18.82	19.03	18.76	20.50
5	16QAM	1	0	18.90	19.16	18.97	20.50
5	16QAM	1	12	18.78	19.04	18.91	20.50
5	16QAM	1	24	18.78	18.94	18.81	20.50
5	16QAM	12	0	18.68	18.98	18.77	20.50
5	16QAM	12	7	18.81	18.99	18.93	20.50
5	16QAM	12	13	18.81	18.92	18.81	20.50
5	16QAM	25	0	18.83	19.00	18.67	20.50
5	64QAM	1	0	18.76	19.13	19.02	20.50

5	64QAM	1	12	18.71	19.14	18.72	20.50
5	64QAM	1	24	18.62	18.87	18.80	20.50
5	64QAM	12	0	18.78	19.08	18.85	20.50
5	64QAM	12	7	18.66	19.03	18.87	20.50
5	64QAM	12	13	18.83	19.06	18.91	20.50
5	64QAM	25	0	18.77	18.99	18.93	20.50
5	256QAM	1	0	17.46	17.69	17.28	18.50
5	256QAM	1	12	17.39	17.57	17.35	18.50
5	256QAM	1	24	17.18	17.49	17.26	18.50
5	256QAM	12	0	17.27	17.35	17.19	18.50
5	256QAM	12	7	17.15	17.39	17.24	18.50
5	256QAM	12	13	17.16	17.44	17.04	18.50
5	256QAM	25	0	17.04	17.38	17.10	18.50
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	18.92	19.21	19.00	20.50
3	QPSK	1	8	18.74	18.96	18.88	20.50
3	QPSK	1	14	18.77	19.03	18.97	20.50
3	QPSK	8	0	18.79	19.07	18.98	20.50
3	QPSK	8	4	18.70	19.15	18.73	20.50
3	QPSK	8	7	18.66	19.02	18.97	20.50
3	QPSK	15	0	18.73	18.97	18.76	20.50
3	16QAM	1	0	18.78	19.14	18.97	20.50
3	16QAM	1	8	18.79	19.12	18.82	20.50
3	16QAM	1	14	18.70	18.91	18.80	20.50
3	16QAM	8	0	18.75	19.09	18.75	20.50
3	16QAM	8	4	18.72	19.02	18.90	20.50
3	16QAM	8	7	18.77	19.02	18.83	20.50
3	16QAM	15	0	18.84	18.96	18.67	20.50
3	64QAM	1	0	18.84	19.02	18.99	20.50
3	64QAM	1	8	18.83	19.07	18.84	20.50
3	64QAM	1	14	18.68	18.87	18.83	20.50
3	64QAM	8	0	18.78	19.07	18.94	20.50
3	64QAM	8	4	18.58	19.06	18.98	20.50
3	64QAM	8	7	18.76	19.06	18.94	20.50
3	64QAM	15	0	18.72	18.98	18.85	20.50
3	256QAM	1	0	17.41	17.67	17.41	18.50
3	256QAM	1	8	17.29	17.55	17.30	18.50
3	256QAM	1	14	17.12	17.52	17.31	18.50
3	256QAM	8	0	17.23	17.36	17.08	18.50
3	256QAM	8	4	17.11	17.44	17.31	18.50
3	256QAM	8	7	17.17	17.34	17.12	18.50
3	256QAM	15	0	17.12	17.34	17.16	18.50
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	18.93	19.22	18.95	20.50
1.4	QPSK	1	3	18.75	19.08	18.81	20.50
1.4	QPSK	1	5	18.77	19.15	19.00	20.50
1.4	QPSK	3	0	18.77	19.10	18.98	20.50
1.4	QPSK	3	1	18.74	19.14	18.84	20.50
1.4	QPSK	3	3	18.62	18.98	18.96	20.50
1.4	QPSK	6	0	18.81	19.02	18.77	20.50
1.4	16QAM	1	0	18.79	19.12	18.89	20.50
1.4	16QAM	1	3	18.81	19.06	18.81	20.50
1.4	16QAM	1	5	18.81	18.94	18.88	20.50
1.4	16QAM	3	0	18.75	18.98	18.81	20.50
1.4	16QAM	3	1	18.69	19.08	18.93	20.50
1.4	16QAM	3	3	18.79	18.99	18.78	20.50
1.4	16QAM	6	0	18.83	19.00	18.70	20.50
1.4	64QAM	1	0	18.82	19.01	19.03	20.50
1.4	64QAM	1	3	18.74	19.05	18.82	20.50
1.4	64QAM	1	5	18.69	18.88	18.89	20.50
1.4	64QAM	3	0	18.72	19.06	18.93	20.50
1.4	64QAM	3	1	18.64	19.04	19.00	20.50
1.4	64QAM	3	3	18.83	18.97	18.96	20.50
1.4	64QAM	6	0	18.70	18.93	18.86	20.50
1.4	256QAM	1	0	17.43	17.63	17.38	18.50
1.4	256QAM	1	3	17.31	17.55	17.29	18.50
1.4	256QAM	1	5	17.09	17.42	17.28	18.50
1.4	256QAM	3	0	17.21	17.38	17.20	18.50
1.4	256QAM	3	1	17.18	17.38	17.23	18.50
1.4	256QAM	3	3	17.15	17.44	17.13	18.50
1.4	256QAM	6	0	17.04	17.27	17.07	18.50

【LTE Band 2_Ant 6_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	18.95	19.24	19.07	20.50
20	QPSK	1	49	18.87	19.10	18.92	20.50
20	QPSK	1	99	18.85	19.18	19.03	20.50
20	QPSK	50	0	18.84	19.19	19.00	20.50
20	QPSK	50	24	18.81	19.17	18.87	20.50
20	QPSK	50	50	18.71	19.09	19.03	20.50
20	QPSK	100	0	18.86	19.10	18.83	20.50
20	16QAM	1	0	18.91	19.19	19.01	20.50
20	16QAM	1	49	18.83	19.14	18.92	20.50
20	16QAM	1	99	18.84	19.03	18.94	20.50
20	16QAM	50	0	18.77	19.12	18.86	20.50
20	16QAM	50	24	18.82	19.11	18.96	20.50
20	16QAM	50	50	18.87	19.05	18.91	20.50
20	16QAM	100	0	18.88	19.06	18.82	20.50
20	64QAM	1	0	18.88	19.16	19.07	20.50
20	64QAM	1	49	18.86	19.17	18.87	20.50
20	64QAM	1	99	18.70	19.00	18.91	20.50
20	64QAM	50	0	18.85	19.16	18.99	20.50
20	64QAM	50	24	18.72	19.08	19.01	20.50
20	64QAM	50	50	18.86	19.11	19.02	20.50
20	64QAM	100	0	18.78	19.05	18.99	20.50
20	256QAM	1	0	17.54	17.70	17.43	18.50
20	256QAM	1	49	17.44	17.60	17.38	18.50
20	256QAM	1	99	17.22	17.57	17.32	18.50
20	256QAM	50	0	17.31	17.44	17.23	18.50
20	256QAM	50	24	17.22	17.50	17.33	18.50
20	256QAM	50	50	17.24	17.46	17.17	18.50
20	256QAM	100	0	17.18	17.41	17.20	18.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	18.93	19.10	18.93	20.50
15	QPSK	1	37	18.80	19.03	18.82	20.50
15	QPSK	1	74	18.82	19.14	19.03	20.50
15	QPSK	36	0	18.76	19.13	18.98	20.50
15	QPSK	36	20	18.75	19.17	18.77	20.50
15	QPSK	36	39	18.68	19.05	19.02	20.50
15	QPSK	75	0	18.74	18.97	18.81	20.50
15	16QAM	1	0	18.87	19.14	18.91	20.50
15	16QAM	1	37	18.80	19.04	18.90	20.50
15	16QAM	1	74	18.72	18.88	18.92	20.50
15	16QAM	36	0	18.67	19.09	18.71	20.50
15	16QAM	36	20	18.80	19.05	18.86	20.50
15	16QAM	36	39	18.84	19.00	18.82	20.50
15	16QAM	75	0	18.85	19.03	18.77	20.50
15	64QAM	1	0	18.87	19.09	19.00	20.50
15	64QAM	1	37	18.72	19.06	18.76	20.50
15	64QAM	1	74	18.64	18.93	18.82	20.50
15	64QAM	36	0	18.81	19.10	18.95	20.50
15	64QAM	36	20	18.63	19.00	18.94	20.50
15	64QAM	36	39	18.76	19.06	18.88	20.50
15	64QAM	75	0	18.67	18.91	18.94	20.50
15	256QAM	1	0	17.46	17.57	17.39	18.50
15	256QAM	1	37	17.31	17.57	17.27	18.50
15	256QAM	1	74	17.19	17.50	17.25	18.50
15	256QAM	36	0	17.19	17.33	17.08	18.50
15	256QAM	36	20	17.07	17.40	17.27	18.50
15	256QAM	36	39	17.15	17.34	17.05	18.50
15	256QAM	75	0	17.06	17.38	17.10	18.50
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	18.90	19.20	18.94	20.50
10	QPSK	1	25	18.84	18.98	18.90	20.50
10	QPSK	1	49	18.72	19.12	19.00	20.50
10	QPSK	25	0	18.68	19.09	18.88	20.50
10	QPSK	25	12	18.70	19.08	18.73	20.50
10	QPSK	25	25	18.60	18.94	18.94	20.50
10	QPSK	50	0	18.82	19.04	18.68	20.50
10	16QAM	1	0	18.89	19.07	18.93	20.50
10	16QAM	1	25	18.76	19.06	18.85	20.50
10	16QAM	1	49	18.73	18.95	18.90	20.50

10	16QAM	25	0	18.67	19.10	18.81	20.50
10	16QAM	25	12	18.77	19.08	18.83	20.50
10	16QAM	25	25	18.80	18.92	18.89	20.50
10	16QAM	50	0	18.79	18.95	18.67	20.50
10	64QAM	1	0	18.78	19.03	19.00	20.50
10	64QAM	1	25	18.79	19.16	18.77	20.50
10	64QAM	1	49	18.59	18.92	18.87	20.50
10	64QAM	25	0	18.71	19.02	18.95	20.50
10	64QAM	25	12	18.64	19.05	18.98	20.50
10	64QAM	25	25	18.77	19.00	18.88	20.50
10	64QAM	50	0	18.76	18.90	18.95	20.50
10	256QAM	1	0	17.49	17.65	17.35	18.50
10	256QAM	1	25	17.32	17.51	17.25	18.50
10	256QAM	1	49	17.07	17.50	17.19	18.50
10	256QAM	25	0	17.28	17.35	17.13	18.50
10	256QAM	25	12	17.10	17.39	17.32	18.50
10	256QAM	25	25	17.19	17.42	17.14	18.50
10	256QAM	50	0	17.07	17.31	17.18	18.50
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	18.86	19.17	18.89	20.50
5	QPSK	1	12	18.72	19.06	18.88	20.50
5	QPSK	1	24	18.83	19.17	18.95	20.50
5	QPSK	12	0	18.77	19.02	18.96	20.50
5	QPSK	12	7	18.80	19.14	18.77	20.50
5	QPSK	12	13	18.69	19.00	18.95	20.50
5	QPSK	25	0	18.82	19.03	18.76	20.50
5	16QAM	1	0	18.90	19.16	18.97	20.50
5	16QAM	1	12	18.78	19.04	18.91	20.50
5	16QAM	1	24	18.78	18.94	18.81	20.50
5	16QAM	12	0	18.68	18.98	18.77	20.50
5	16QAM	12	7	18.81	18.99	18.93	20.50
5	16QAM	12	13	18.81	18.92	18.81	20.50
5	16QAM	25	0	18.83	19.00	18.67	20.50
5	64QAM	1	0	18.76	19.13	19.02	20.50
5	64QAM	1	12	18.71	19.14	18.72	20.50
5	64QAM	1	24	18.62	18.87	18.80	20.50
5	64QAM	12	0	18.78	19.08	18.85	20.50
5	64QAM	12	7	18.66	19.03	18.87	20.50
5	64QAM	12	13	18.83	19.06	18.91	20.50
5	64QAM	25	0	18.77	18.99	18.93	20.50
5	256QAM	1	0	17.46	17.69	17.28	18.50
5	256QAM	1	12	17.39	17.57	17.35	18.50
5	256QAM	1	24	17.18	17.49	17.26	18.50
5	256QAM	12	0	17.27	17.35	17.19	18.50
5	256QAM	12	7	17.15	17.39	17.24	18.50
5	256QAM	12	13	17.16	17.44	17.04	18.50
5	256QAM	25	0	17.04	17.38	17.10	18.50
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	18.92	19.21	19.00	20.50
3	QPSK	1	8	18.74	18.96	18.88	20.50
3	QPSK	1	14	18.77	19.03	18.97	20.50
3	QPSK	8	0	18.79	19.07	18.98	20.50
3	QPSK	8	4	18.70	19.15	18.73	20.50
3	QPSK	8	7	18.66	19.02	18.97	20.50
3	QPSK	15	0	18.73	18.97	18.76	20.50
3	16QAM	1	0	18.78	19.14	18.97	20.50
3	16QAM	1	8	18.79	19.12	18.82	20.50
3	16QAM	1	14	18.70	18.91	18.80	20.50
3	16QAM	8	0	18.75	19.09	18.75	20.50
3	16QAM	8	4	18.72	19.02	18.90	20.50
3	16QAM	8	7	18.77	19.02	18.83	20.50
3	16QAM	15	0	18.84	18.96	18.67	20.50
3	64QAM	1	0	18.84	19.02	18.99	20.50
3	64QAM	1	8	18.83	19.07	18.84	20.50
3	64QAM	1	14	18.68	18.87	18.83	20.50
3	64QAM	8	0	18.78	19.07	18.94	20.50
3	64QAM	8	4	18.58	19.06	18.98	20.50
3	64QAM	8	7	18.76	19.06	18.94	20.50
3	64QAM	15	0	18.72	18.98	18.85	20.50
3	256QAM	1	0	17.41	17.67	17.41	18.50
3	256QAM	1	8	17.29	17.55	17.30	18.50
3	256QAM	1	14	17.12	17.52	17.31	18.50
3	256QAM	8	0	17.23	17.36	17.08	18.50
3	256QAM	8	4	17.11	17.44	17.31	18.50
3	256QAM	8	7	17.17	17.34	17.12	18.50

3	256QAM	15	0	17.12	17.34	17.16	18.50
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	18.93	19.22	18.95	20.50
1.4	QPSK	1	3	18.75	19.08	18.81	20.50
1.4	QPSK	1	5	18.77	19.15	19.00	20.50
1.4	QPSK	3	0	18.77	19.10	18.98	20.50
1.4	QPSK	3	1	18.74	19.14	18.84	20.50
1.4	QPSK	3	3	18.62	18.98	18.96	20.50
1.4	QPSK	6	0	18.81	19.02	18.77	20.50
1.4	16QAM	1	0	18.79	19.12	18.89	20.50
1.4	16QAM	1	3	18.81	19.06	18.81	20.50
1.4	16QAM	1	5	18.81	18.94	18.88	20.50
1.4	16QAM	3	0	18.75	18.98	18.81	20.50
1.4	16QAM	3	1	18.69	19.08	18.93	20.50
1.4	16QAM	3	3	18.79	18.99	18.78	20.50
1.4	16QAM	6	0	18.83	19.00	18.70	20.50
1.4	64QAM	1	0	18.82	19.01	19.03	20.50
1.4	64QAM	1	3	18.74	19.05	18.82	20.50
1.4	64QAM	1	5	18.69	18.88	18.89	20.50
1.4	64QAM	3	0	18.72	19.06	18.93	20.50
1.4	64QAM	3	1	18.64	19.04	19.00	20.50
1.4	64QAM	3	3	18.83	18.97	18.96	20.50
1.4	64QAM	6	0	18.70	18.93	18.86	20.50
1.4	256QAM	1	0	17.43	17.63	17.38	18.50
1.4	256QAM	1	3	17.31	17.55	17.29	18.50
1.4	256QAM	1	5	17.09	17.42	17.28	18.50
1.4	256QAM	3	0	17.21	17.38	17.20	18.50
1.4	256QAM	3	1	17.18	17.38	17.23	18.50
1.4	256QAM	3	3	17.15	17.44	17.13	18.50
1.4	256QAM	6	0	17.04	17.27	17.07	18.50

[LTE Band 2_Ant 6_DSI 2]

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	18.95	19.24	19.07	20.50
20	QPSK	1	49	18.87	19.10	18.92	20.50
20	QPSK	1	99	18.85	19.18	19.03	20.50
20	QPSK	50	0	18.84	19.19	19.00	20.50
20	QPSK	50	24	18.81	19.17	18.87	20.50
20	QPSK	50	50	18.71	19.09	19.03	20.50
20	QPSK	100	0	18.86	19.10	18.83	20.50
20	16QAM	1	0	18.91	19.19	19.01	20.50
20	16QAM	1	49	18.83	19.14	18.92	20.50
20	16QAM	1	99	18.84	19.03	18.94	20.50
20	16QAM	50	0	18.77	19.12	18.86	20.50
20	16QAM	50	24	18.82	19.11	18.96	20.50
20	16QAM	50	50	18.87	19.05	18.91	20.50
20	16QAM	100	0	18.88	19.06	18.82	20.50
20	64QAM	1	0	18.88	19.16	19.07	20.50
20	64QAM	1	49	18.86	19.17	18.87	20.50
20	64QAM	1	99	18.70	19.00	18.91	20.50
20	64QAM	50	0	18.85	19.16	18.99	20.50
20	64QAM	50	24	18.72	19.08	19.01	20.50
20	64QAM	50	50	18.86	19.11	19.02	20.50
20	64QAM	100	0	18.78	19.05	18.99	20.50
20	256QAM	1	0	17.54	17.70	17.43	18.50
20	256QAM	1	49	17.44	17.60	17.38	18.50
20	256QAM	1	99	17.22	17.57	17.32	18.50
20	256QAM	50	0	17.31	17.44	17.23	18.50
20	256QAM	50	24	17.22	17.50	17.33	18.50
20	256QAM	50	50	17.24	17.46	17.17	18.50
20	256QAM	100	0	17.18	17.41	17.20	18.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	18.93	19.10	18.93	20.50
15	QPSK	1	37	18.80	19.03	18.82	20.50
15	QPSK	1	74	18.82	19.14	19.03	20.50
15	QPSK	36	0	18.76	19.13	18.98	20.50
15	QPSK	36	20	18.75	19.17	18.77	20.50

15	QPSK	36	39	18.68	19.05	19.02	20.50
15	QPSK	75	0	18.74	18.97	18.81	20.50
15	16QAM	1	0	18.87	19.14	18.91	20.50
15	16QAM	1	37	18.80	19.04	18.90	20.50
15	16QAM	1	74	18.72	18.88	18.92	20.50
15	16QAM	36	0	18.67	19.09	18.71	20.50
15	16QAM	36	20	18.80	19.05	18.86	20.50
15	16QAM	36	39	18.84	19.00	18.82	20.50
15	16QAM	75	0	18.85	19.03	18.77	20.50
15	64QAM	1	0	18.87	19.09	19.00	20.50
15	64QAM	1	37	18.72	19.06	18.76	20.50
15	64QAM	1	74	18.64	18.93	18.82	20.50
15	64QAM	36	0	18.81	19.10	18.95	20.50
15	64QAM	36	20	18.63	19.00	18.94	20.50
15	64QAM	36	39	18.76	19.06	18.88	20.50
15	64QAM	75	0	18.67	18.91	18.94	20.50
15	256QAM	1	0	17.46	17.57	17.39	18.50
15	256QAM	1	37	17.31	17.57	17.27	18.50
15	256QAM	1	74	17.19	17.50	17.25	18.50
15	256QAM	36	0	17.19	17.33	17.08	18.50
15	256QAM	36	20	17.07	17.40	17.27	18.50
15	256QAM	36	39	17.15	17.34	17.05	18.50
15	256QAM	75	0	17.06	17.38	17.10	18.50
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	18.90	19.20	18.94	20.50
10	QPSK	1	25	18.84	18.98	18.90	20.50
10	QPSK	1	49	18.72	19.12	19.00	20.50
10	QPSK	25	0	18.68	19.09	18.88	20.50
10	QPSK	25	12	18.70	19.08	18.73	20.50
10	QPSK	25	25	18.60	18.94	18.94	20.50
10	QPSK	50	0	18.82	19.04	18.68	20.50
10	16QAM	1	0	18.89	19.07	18.93	20.50
10	16QAM	1	25	18.76	19.06	18.85	20.50
10	16QAM	1	49	18.73	18.95	18.90	20.50
10	16QAM	25	0	18.67	19.10	18.81	20.50
10	16QAM	25	12	18.77	19.08	18.83	20.50
10	16QAM	25	25	18.80	18.92	18.89	20.50
10	16QAM	50	0	18.79	18.95	18.67	20.50
10	64QAM	1	0	18.78	19.03	19.00	20.50
10	64QAM	1	25	18.79	19.16	18.77	20.50
10	64QAM	1	49	18.59	18.92	18.87	20.50
10	64QAM	25	0	18.71	19.02	18.95	20.50
10	64QAM	25	12	18.64	19.05	18.98	20.50
10	64QAM	25	25	18.77	19.00	18.88	20.50
10	64QAM	50	0	18.76	18.90	18.95	20.50
10	256QAM	1	0	17.49	17.65	17.35	18.50
10	256QAM	1	25	17.32	17.51	17.25	18.50
10	256QAM	1	49	17.07	17.50	17.19	18.50
10	256QAM	25	0	17.28	17.35	17.13	18.50
10	256QAM	25	12	17.10	17.39	17.32	18.50
10	256QAM	25	25	17.19	17.42	17.14	18.50
10	256QAM	50	0	17.07	17.31	17.18	18.50
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	18.86	19.17	18.89	20.50
5	QPSK	1	12	18.72	19.06	18.88	20.50
5	QPSK	1	24	18.83	19.17	18.95	20.50
5	QPSK	12	0	18.77	19.02	18.96	20.50
5	QPSK	12	7	18.80	19.14	18.77	20.50
5	QPSK	12	13	18.69	19.00	18.95	20.50
5	QPSK	25	0	18.82	19.03	18.76	20.50
5	16QAM	1	0	18.90	19.16	18.97	20.50
5	16QAM	1	12	18.78	19.04	18.91	20.50
5	16QAM	1	24	18.78	18.94	18.81	20.50
5	16QAM	12	0	18.68	18.98	18.77	20.50
5	16QAM	12	7	18.81	18.99	18.93	20.50
5	16QAM	12	13	18.81	18.92	18.81	20.50
5	16QAM	25	0	18.83	19.00	18.67	20.50
5	64QAM	1	0	18.76	19.13	19.02	20.50
5	64QAM	1	12	18.71	19.14	18.72	20.50
5	64QAM	1	24	18.62	18.87	18.80	20.50
5	64QAM	12	0	18.78	19.08	18.85	20.50
5	64QAM	12	7	18.66	19.03	18.87	20.50
5	64QAM	12	13	18.83	19.06	18.91	20.50
5	64QAM	25	0	18.77	18.99	18.93	20.50
5	256QAM	1	0	17.46	17.69	17.28	18.50

5	256QAM	1	12	17.39	17.57	17.35	18.50
5	256QAM	1	24	17.18	17.49	17.26	18.50
5	256QAM	12	0	17.27	17.35	17.19	18.50
5	256QAM	12	7	17.15	17.39	17.24	18.50
5	256QAM	12	13	17.16	17.44	17.04	18.50
5	256QAM	25	0	17.04	17.38	17.10	18.50
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	18.92	19.21	19.00	20.50
3	QPSK	1	8	18.74	18.96	18.88	20.50
3	QPSK	1	14	18.77	19.03	18.97	20.50
3	QPSK	8	0	18.79	19.07	18.98	20.50
3	QPSK	8	4	18.70	19.15	18.73	20.50
3	QPSK	8	7	18.66	19.02	18.97	20.50
3	QPSK	15	0	18.73	18.97	18.76	20.50
3	16QAM	1	0	18.78	19.14	18.97	20.50
3	16QAM	1	8	18.79	19.12	18.82	20.50
3	16QAM	1	14	18.70	18.91	18.80	20.50
3	16QAM	8	0	18.75	19.09	18.75	20.50
3	16QAM	8	4	18.72	19.02	18.90	20.50
3	16QAM	8	7	18.77	19.02	18.83	20.50
3	16QAM	15	0	18.84	18.96	18.67	20.50
3	64QAM	1	0	18.84	19.02	18.99	20.50
3	64QAM	1	8	18.83	19.07	18.84	20.50
3	64QAM	1	14	18.68	18.87	18.83	20.50
3	64QAM	8	0	18.78	19.07	18.94	20.50
3	64QAM	8	4	18.58	19.06	18.98	20.50
3	64QAM	8	7	18.76	19.06	18.94	20.50
3	64QAM	15	0	18.72	18.98	18.85	20.50
3	256QAM	1	0	17.41	17.67	17.41	18.50
3	256QAM	1	8	17.29	17.55	17.30	18.50
3	256QAM	1	14	17.12	17.52	17.31	18.50
3	256QAM	8	0	17.23	17.36	17.08	18.50
3	256QAM	8	4	17.11	17.44	17.31	18.50
3	256QAM	8	7	17.17	17.34	17.12	18.50
3	256QAM	15	0	17.12	17.34	17.16	18.50
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	18.93	19.22	18.95	20.50
1.4	QPSK	1	3	18.75	19.08	18.81	20.50
1.4	QPSK	1	5	18.77	19.15	19.00	20.50
1.4	QPSK	3	0	18.77	19.10	18.98	20.50
1.4	QPSK	3	1	18.74	19.14	18.84	20.50
1.4	QPSK	3	3	18.62	18.98	18.96	20.50
1.4	QPSK	6	0	18.81	19.02	18.77	20.50
1.4	16QAM	1	0	18.79	19.12	18.89	20.50
1.4	16QAM	1	3	18.81	19.06	18.81	20.50
1.4	16QAM	1	5	18.81	18.94	18.88	20.50
1.4	16QAM	3	0	18.75	18.98	18.81	20.50
1.4	16QAM	3	1	18.69	19.08	18.93	20.50
1.4	16QAM	3	3	18.79	18.99	18.78	20.50
1.4	16QAM	6	0	18.83	19.00	18.70	20.50
1.4	64QAM	1	0	18.82	19.01	19.03	20.50
1.4	64QAM	1	3	18.74	19.05	18.82	20.50
1.4	64QAM	1	5	18.69	18.88	18.89	20.50
1.4	64QAM	3	0	18.72	19.06	18.93	20.50
1.4	64QAM	3	1	18.64	19.04	19.00	20.50
1.4	64QAM	3	3	18.83	18.97	18.96	20.50
1.4	64QAM	6	0	18.70	18.93	18.86	20.50
1.4	256QAM	1	0	17.43	17.63	17.38	18.50
1.4	256QAM	1	3	17.31	17.55	17.29	18.50
1.4	256QAM	1	5	17.09	17.42	17.28	18.50
1.4	256QAM	3	0	17.21	17.38	17.20	18.50
1.4	256QAM	3	1	17.18	17.38	17.23	18.50
1.4	256QAM	3	3	17.15	17.44	17.13	18.50
1.4	256QAM	6	0	17.04	17.27	17.07	18.50

[LTE Band 2_Ant 6_DSI 3]

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

20	QPSK	1	0	18.95	19.24	19.07	20.50
20	QPSK	1	49	18.87	19.10	18.92	20.50
20	QPSK	1	99	18.85	19.18	19.03	20.50
20	QPSK	50	0	18.84	19.19	19.00	20.50
20	QPSK	50	24	18.81	19.17	18.87	20.50
20	QPSK	50	50	18.71	19.09	19.03	20.50
20	QPSK	100	0	18.86	19.10	18.83	20.50
20	16QAM	1	0	18.91	19.19	19.01	20.50
20	16QAM	1	49	18.83	19.14	18.92	20.50
20	16QAM	1	99	18.84	19.03	18.94	20.50
20	16QAM	50	0	18.77	19.12	18.86	20.50
20	16QAM	50	24	18.82	19.11	18.96	20.50
20	16QAM	50	50	18.87	19.05	18.91	20.50
20	16QAM	100	0	18.88	19.06	18.82	20.50
20	64QAM	1	0	18.88	19.16	19.07	20.50
20	64QAM	1	49	18.86	19.17	18.87	20.50
20	64QAM	1	99	18.70	19.00	18.91	20.50
20	64QAM	50	0	18.85	19.16	18.99	20.50
20	64QAM	50	24	18.72	19.08	19.01	20.50
20	64QAM	50	50	18.86	19.11	19.02	20.50
20	64QAM	100	0	18.78	19.05	18.99	20.50
20	256QAM	1	0	17.54	17.70	17.43	18.50
20	256QAM	1	49	17.44	17.60	17.38	18.50
20	256QAM	1	99	17.22	17.57	17.32	18.50
20	256QAM	50	0	17.31	17.44	17.23	18.50
20	256QAM	50	24	17.22	17.50	17.33	18.50
20	256QAM	50	50	17.24	17.46	17.17	18.50
20	256QAM	100	0	17.18	17.41	17.20	18.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	18.93	19.10	18.93	20.50
15	QPSK	1	37	18.80	19.03	18.82	20.50
15	QPSK	1	74	18.82	19.14	19.03	20.50
15	QPSK	36	0	18.76	19.13	18.98	20.50
15	QPSK	36	20	18.75	19.17	18.77	20.50
15	QPSK	36	39	18.68	19.05	19.02	20.50
15	QPSK	75	0	18.74	18.97	18.81	20.50
15	16QAM	1	0	18.87	19.14	18.91	20.50
15	16QAM	1	37	18.80	19.04	18.90	20.50
15	16QAM	1	74	18.72	18.88	18.92	20.50
15	16QAM	36	0	18.67	19.09	18.71	20.50
15	16QAM	36	20	18.80	19.05	18.86	20.50
15	16QAM	36	39	18.84	19.00	18.82	20.50
15	16QAM	75	0	18.85	19.03	18.77	20.50
15	64QAM	1	0	18.87	19.09	19.00	20.50
15	64QAM	1	37	18.72	19.06	18.76	20.50
15	64QAM	1	74	18.64	18.93	18.82	20.50
15	64QAM	36	0	18.81	19.10	18.95	20.50
15	64QAM	36	20	18.63	19.00	18.94	20.50
15	64QAM	36	39	18.76	19.06	18.88	20.50
15	64QAM	75	0	18.67	18.91	18.94	20.50
15	256QAM	1	0	17.46	17.57	17.39	18.50
15	256QAM	1	37	17.31	17.57	17.27	18.50
15	256QAM	1	74	17.19	17.50	17.25	18.50
15	256QAM	36	0	17.19	17.33	17.08	18.50
15	256QAM	36	20	17.07	17.40	17.27	18.50
15	256QAM	36	39	17.15	17.34	17.05	18.50
15	256QAM	75	0	17.06	17.38	17.10	18.50
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	18.90	19.20	18.94	20.50
10	QPSK	1	25	18.84	18.98	18.90	20.50
10	QPSK	1	49	18.72	19.12	19.00	20.50
10	QPSK	25	0	18.68	19.09	18.88	20.50
10	QPSK	25	12	18.70	19.08	18.73	20.50
10	QPSK	25	25	18.60	18.94	18.94	20.50
10	QPSK	50	0	18.82	19.04	18.68	20.50
10	16QAM	1	0	18.89	19.07	18.93	20.50
10	16QAM	1	25	18.76	19.06	18.85	20.50
10	16QAM	1	49	18.73	18.95	18.90	20.50
10	16QAM	25	0	18.67	19.10	18.81	20.50
10	16QAM	25	12	18.77	19.08	18.83	20.50
10	16QAM	25	25	18.80	18.92	18.89	20.50
10	16QAM	50	0	18.79	18.95	18.67	20.50
10	64QAM	1	0	18.78	19.03	19.00	20.50
10	64QAM	1	25	18.79	19.16	18.77	20.50
10	64QAM	1	49	18.59	18.92	18.87	20.50

10	64QAM	25	0	18.71	19.02	18.95	20.50
10	64QAM	25	12	18.64	19.05	18.98	20.50
10	64QAM	25	25	18.77	19.00	18.88	20.50
10	64QAM	50	0	18.76	18.90	18.95	20.50
10	256QAM	1	0	17.49	17.65	17.35	18.50
10	256QAM	1	25	17.32	17.51	17.25	18.50
10	256QAM	1	49	17.07	17.50	17.19	18.50
10	256QAM	25	0	17.28	17.35	17.13	18.50
10	256QAM	25	12	17.10	17.39	17.32	18.50
10	256QAM	25	25	17.19	17.42	17.14	18.50
10	256QAM	50	0	17.07	17.31	17.18	18.50
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	18.86	19.17	18.89	20.50
5	QPSK	1	12	18.72	19.06	18.88	20.50
5	QPSK	1	24	18.83	19.17	18.95	20.50
5	QPSK	12	0	18.77	19.02	18.96	20.50
5	QPSK	12	7	18.80	19.14	18.77	20.50
5	QPSK	12	13	18.69	19.00	18.95	20.50
5	QPSK	25	0	18.82	19.03	18.76	20.50
5	16QAM	1	0	18.90	19.16	18.97	20.50
5	16QAM	1	12	18.78	19.04	18.91	20.50
5	16QAM	1	24	18.78	18.94	18.81	20.50
5	16QAM	12	0	18.68	18.98	18.77	20.50
5	16QAM	12	7	18.81	18.99	18.93	20.50
5	16QAM	12	13	18.81	18.92	18.81	20.50
5	16QAM	25	0	18.83	19.00	18.67	20.50
5	64QAM	1	0	18.76	19.13	19.02	20.50
5	64QAM	1	12	18.71	19.14	18.72	20.50
5	64QAM	1	24	18.62	18.87	18.80	20.50
5	64QAM	12	0	18.78	19.08	18.85	20.50
5	64QAM	12	7	18.66	19.03	18.87	20.50
5	64QAM	12	13	18.83	19.06	18.91	20.50
5	64QAM	25	0	18.77	18.99	18.93	20.50
5	256QAM	1	0	17.46	17.69	17.28	18.50
5	256QAM	1	12	17.39	17.57	17.35	18.50
5	256QAM	1	24	17.18	17.49	17.26	18.50
5	256QAM	12	0	17.27	17.35	17.19	18.50
5	256QAM	12	7	17.15	17.39	17.24	18.50
5	256QAM	12	13	17.16	17.44	17.04	18.50
5	256QAM	25	0	17.04	17.38	17.10	18.50
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	18.92	19.21	19.00	20.50
3	QPSK	1	8	18.74	18.96	18.88	20.50
3	QPSK	1	14	18.77	19.03	18.97	20.50
3	QPSK	8	0	18.79	19.07	18.98	20.50
3	QPSK	8	4	18.70	19.15	18.73	20.50
3	QPSK	8	7	18.66	19.02	18.97	20.50
3	QPSK	15	0	18.73	18.97	18.76	20.50
3	16QAM	1	0	18.78	19.14	18.97	20.50
3	16QAM	1	8	18.79	19.12	18.82	20.50
3	16QAM	1	14	18.70	18.91	18.80	20.50
3	16QAM	8	0	18.75	19.09	18.75	20.50
3	16QAM	8	4	18.72	19.02	18.90	20.50
3	16QAM	8	7	18.77	19.02	18.83	20.50
3	16QAM	15	0	18.84	18.96	18.67	20.50
3	64QAM	1	0	18.84	19.02	18.99	20.50
3	64QAM	1	8	18.83	19.07	18.84	20.50
3	64QAM	1	14	18.68	18.87	18.83	20.50
3	64QAM	8	0	18.78	19.07	18.94	20.50
3	64QAM	8	4	18.58	19.06	18.98	20.50
3	64QAM	8	7	18.76	19.06	18.94	20.50
3	64QAM	15	0	18.72	18.98	18.85	20.50
3	256QAM	1	0	17.41	17.67	17.41	18.50
3	256QAM	1	8	17.29	17.55	17.30	18.50
3	256QAM	1	14	17.12	17.52	17.31	18.50
3	256QAM	8	0	17.23	17.36	17.08	18.50
3	256QAM	8	4	17.11	17.44	17.31	18.50
3	256QAM	8	7	17.17	17.34	17.12	18.50
3	256QAM	15	0	17.12	17.34	17.16	18.50
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	18.93	19.22	18.95	20.50
1.4	QPSK	1	3	18.75	19.08	18.81	20.50
1.4	QPSK	1	5	18.77	19.15	19.00	20.50
1.4	QPSK	3	0	18.77	19.10	18.98	20.50

1.4	QPSK	3	1	18.74	19.14	18.84	20.50
1.4	QPSK	3	3	18.62	18.98	18.96	20.50
1.4	QPSK	6	0	18.81	19.02	18.77	20.50
1.4	16QAM	1	0	18.79	19.12	18.89	20.50
1.4	16QAM	1	3	18.81	19.06	18.81	20.50
1.4	16QAM	1	5	18.81	18.94	18.88	20.50
1.4	16QAM	3	0	18.75	18.98	18.81	20.50
1.4	16QAM	3	1	18.69	19.08	18.93	20.50
1.4	16QAM	3	3	18.79	18.99	18.78	20.50
1.4	16QAM	6	0	18.83	19.00	18.70	20.50
1.4	64QAM	1	0	18.82	19.01	19.03	20.50
1.4	64QAM	1	3	18.74	19.05	18.82	20.50
1.4	64QAM	1	5	18.69	18.88	18.89	20.50
1.4	64QAM	3	0	18.72	19.06	18.93	20.50
1.4	64QAM	3	1	18.64	19.04	19.00	20.50
1.4	64QAM	3	3	18.83	18.97	18.96	20.50
1.4	64QAM	6	0	18.70	18.93	18.86	20.50
1.4	256QAM	1	0	17.43	17.63	17.38	18.50
1.4	256QAM	1	3	17.31	17.55	17.29	18.50
1.4	256QAM	1	5	17.09	17.42	17.28	18.50
1.4	256QAM	3	0	17.21	17.38	17.20	18.50
1.4	256QAM	3	1	17.18	17.38	17.23	18.50
1.4	256QAM	3	3	17.15	17.44	17.13	18.50
1.4	256QAM	6	0	17.04	17.27	17.07	18.50

【LTE Band 2_Ant 6_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	18.95	19.24	19.07	20.50
20	QPSK	1	49	18.87	19.10	18.92	20.50
20	QPSK	1	99	18.85	19.18	19.03	20.50
20	QPSK	50	0	18.84	19.19	19.00	20.50
20	QPSK	50	24	18.81	19.17	18.87	20.50
20	QPSK	50	50	18.71	19.09	19.03	20.50
20	QPSK	100	0	18.86	19.10	18.83	20.50
20	16QAM	1	0	18.91	19.19	19.01	20.50
20	16QAM	1	49	18.83	19.14	18.92	20.50
20	16QAM	1	99	18.84	19.03	18.94	20.50
20	16QAM	50	0	18.77	19.12	18.86	20.50
20	16QAM	50	24	18.82	19.11	18.96	20.50
20	16QAM	50	50	18.87	19.05	18.91	20.50
20	16QAM	100	0	18.88	19.06	18.82	20.50
20	64QAM	1	0	18.88	19.16	19.07	20.50
20	64QAM	1	49	18.86	19.17	18.87	20.50
20	64QAM	1	99	18.70	19.00	18.91	20.50
20	64QAM	50	0	18.85	19.16	18.99	20.50
20	64QAM	50	24	18.72	19.08	19.01	20.50
20	64QAM	50	50	18.86	19.11	19.02	20.50
20	64QAM	100	0	18.78	19.05	18.99	20.50
20	256QAM	1	0	17.54	17.70	17.43	18.50
20	256QAM	1	49	17.44	17.60	17.38	18.50
20	256QAM	1	99	17.22	17.57	17.32	18.50
20	256QAM	50	0	17.31	17.44	17.23	18.50
20	256QAM	50	24	17.22	17.50	17.33	18.50
20	256QAM	50	50	17.24	17.46	17.17	18.50
20	256QAM	100	0	17.18	17.41	17.20	18.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	18.93	19.10	18.93	20.50
15	QPSK	1	37	18.80	19.03	18.82	20.50
15	QPSK	1	74	18.82	19.14	19.03	20.50
15	QPSK	36	0	18.76	19.13	18.98	20.50
15	QPSK	36	20	18.75	19.17	18.77	20.50
15	QPSK	36	39	18.68	19.05	19.02	20.50
15	QPSK	75	0	18.74	18.97	18.81	20.50
15	16QAM	1	0	18.87	19.14	18.91	20.50
15	16QAM	1	37	18.80	19.04	18.90	20.50
15	16QAM	1	74	18.72	18.88	18.92	20.50
15	16QAM	36	0	18.67	19.09	18.71	20.50
15	16QAM	36	20	18.80	19.05	18.86	20.50

15	16QAM	36	39	18.84	19.00	18.82	20.50
15	16QAM	75	0	18.85	19.03	18.77	20.50
15	64QAM	1	0	18.87	19.09	19.00	20.50
15	64QAM	1	37	18.72	19.06	18.76	20.50
15	64QAM	1	74	18.64	18.93	18.82	20.50
15	64QAM	36	0	18.81	19.10	18.95	20.50
15	64QAM	36	20	18.63	19.00	18.94	20.50
15	64QAM	36	39	18.76	19.06	18.88	20.50
15	64QAM	75	0	18.67	18.91	18.94	20.50
15	256QAM	1	0	17.46	17.57	17.39	18.50
15	256QAM	1	37	17.31	17.57	17.27	18.50
15	256QAM	1	74	17.19	17.50	17.25	18.50
15	256QAM	36	0	17.19	17.33	17.08	18.50
15	256QAM	36	20	17.07	17.40	17.27	18.50
15	256QAM	36	39	17.15	17.34	17.05	18.50
15	256QAM	75	0	17.06	17.38	17.10	18.50
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	18.90	19.20	18.94	20.50
10	QPSK	1	25	18.84	18.98	18.90	20.50
10	QPSK	1	49	18.72	19.12	19.00	20.50
10	QPSK	25	0	18.68	19.09	18.88	20.50
10	QPSK	25	12	18.70	19.08	18.73	20.50
10	QPSK	25	25	18.60	18.94	18.94	20.50
10	QPSK	50	0	18.82	19.04	18.68	20.50
10	16QAM	1	0	18.89	19.07	18.93	20.50
10	16QAM	1	25	18.76	19.06	18.85	20.50
10	16QAM	1	49	18.73	18.95	18.90	20.50
10	16QAM	25	0	18.67	19.10	18.81	20.50
10	16QAM	25	12	18.77	19.08	18.83	20.50
10	16QAM	25	25	18.80	18.92	18.89	20.50
10	16QAM	50	0	18.79	18.95	18.67	20.50
10	64QAM	1	0	18.78	19.03	19.00	20.50
10	64QAM	1	25	18.79	19.16	18.77	20.50
10	64QAM	1	49	18.59	18.92	18.87	20.50
10	64QAM	25	0	18.71	19.02	18.95	20.50
10	64QAM	25	12	18.64	19.05	18.98	20.50
10	64QAM	25	25	18.77	19.00	18.88	20.50
10	64QAM	50	0	18.76	18.90	18.95	20.50
10	256QAM	1	0	17.49	17.65	17.35	18.50
10	256QAM	1	25	17.32	17.51	17.25	18.50
10	256QAM	1	49	17.07	17.50	17.19	18.50
10	256QAM	25	0	17.28	17.35	17.13	18.50
10	256QAM	25	12	17.10	17.39	17.32	18.50
10	256QAM	25	25	17.19	17.42	17.14	18.50
10	256QAM	50	0	17.07	17.31	17.18	18.50
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	18.86	19.17	18.89	20.50
5	QPSK	1	12	18.72	19.06	18.88	20.50
5	QPSK	1	24	18.83	19.17	18.95	20.50
5	QPSK	12	0	18.77	19.02	18.96	20.50
5	QPSK	12	7	18.80	19.14	18.77	20.50
5	QPSK	12	13	18.69	19.00	18.95	20.50
5	QPSK	25	0	18.82	19.03	18.76	20.50
5	16QAM	1	0	18.90	19.16	18.97	20.50
5	16QAM	1	12	18.78	19.04	18.91	20.50
5	16QAM	1	24	18.78	18.94	18.81	20.50
5	16QAM	12	0	18.68	18.98	18.77	20.50
5	16QAM	12	7	18.81	18.99	18.93	20.50
5	16QAM	12	13	18.81	18.92	18.81	20.50
5	16QAM	25	0	18.83	19.00	18.67	20.50
5	64QAM	1	0	18.76	19.13	19.02	20.50
5	64QAM	1	12	18.71	19.14	18.72	20.50
5	64QAM	1	24	18.62	18.87	18.80	20.50
5	64QAM	12	0	18.78	19.08	18.85	20.50
5	64QAM	12	7	18.66	19.03	18.87	20.50
5	64QAM	12	13	18.83	19.06	18.91	20.50
5	64QAM	25	0	18.77	18.99	18.93	20.50
5	256QAM	1	0	17.46	17.69	17.28	18.50
5	256QAM	1	12	17.39	17.57	17.35	18.50
5	256QAM	1	24	17.18	17.49	17.26	18.50
5	256QAM	12	0	17.27	17.35	17.19	18.50
5	256QAM	12	7	17.15	17.39	17.24	18.50
5	256QAM	12	13	17.16	17.44	17.04	18.50
5	256QAM	25	0	17.04	17.38	17.10	18.50
Channel				18615	18900	19185	Tune-up limit

Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	18.92	19.21	19.00	20.50
3	QPSK	1	8	18.74	18.96	18.88	20.50
3	QPSK	1	14	18.77	19.03	18.97	20.50
3	QPSK	8	0	18.79	19.07	18.98	20.50
3	QPSK	8	4	18.70	19.15	18.73	20.50
3	QPSK	8	7	18.66	19.02	18.97	20.50
3	QPSK	15	0	18.73	18.97	18.76	20.50
3	16QAM	1	0	18.78	19.14	18.97	20.50
3	16QAM	1	8	18.79	19.12	18.82	20.50
3	16QAM	1	14	18.70	18.91	18.80	20.50
3	16QAM	8	0	18.75	19.09	18.75	20.50
3	16QAM	8	4	18.72	19.02	18.90	20.50
3	16QAM	8	7	18.77	19.02	18.83	20.50
3	16QAM	15	0	18.84	18.96	18.67	20.50
3	64QAM	1	0	18.84	19.02	18.99	20.50
3	64QAM	1	8	18.83	19.07	18.84	20.50
3	64QAM	1	14	18.68	18.87	18.83	20.50
3	64QAM	8	0	18.78	19.07	18.94	20.50
3	64QAM	8	4	18.58	19.06	18.98	20.50
3	64QAM	8	7	18.76	19.06	18.94	20.50
3	64QAM	15	0	18.72	18.98	18.85	20.50
3	256QAM	1	0	17.41	17.67	17.41	18.50
3	256QAM	1	8	17.29	17.55	17.30	18.50
3	256QAM	1	14	17.12	17.52	17.31	18.50
3	256QAM	8	0	17.23	17.36	17.08	18.50
3	256QAM	8	4	17.11	17.44	17.31	18.50
3	256QAM	8	7	17.17	17.34	17.12	18.50
3	256QAM	15	0	17.12	17.34	17.16	18.50
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	18.93	19.22	18.95	20.50
1.4	QPSK	1	3	18.75	19.08	18.81	20.50
1.4	QPSK	1	5	18.77	19.15	19.00	20.50
1.4	QPSK	3	0	18.77	19.10	18.98	20.50
1.4	QPSK	3	1	18.74	19.14	18.84	20.50
1.4	QPSK	3	3	18.62	18.98	18.96	20.50
1.4	QPSK	6	0	18.81	19.02	18.77	20.50
1.4	16QAM	1	0	18.79	19.12	18.89	20.50
1.4	16QAM	1	3	18.81	19.06	18.81	20.50
1.4	16QAM	1	5	18.81	18.94	18.88	20.50
1.4	16QAM	3	0	18.75	18.98	18.81	20.50
1.4	16QAM	3	1	18.69	19.08	18.93	20.50
1.4	16QAM	3	3	18.79	18.99	18.78	20.50
1.4	16QAM	6	0	18.83	19.00	18.70	20.50
1.4	64QAM	1	0	18.82	19.01	19.03	20.50
1.4	64QAM	1	3	18.74	19.05	18.82	20.50
1.4	64QAM	1	5	18.69	18.88	18.89	20.50
1.4	64QAM	3	0	18.72	19.06	18.93	20.50
1.4	64QAM	3	1	18.64	19.04	19.00	20.50
1.4	64QAM	3	3	18.83	18.97	18.96	20.50
1.4	64QAM	6	0	18.70	18.93	18.86	20.50
1.4	256QAM	1	0	17.43	17.63	17.38	18.50
1.4	256QAM	1	3	17.31	17.55	17.29	18.50
1.4	256QAM	1	5	17.09	17.42	17.28	18.50
1.4	256QAM	3	0	17.21	17.38	17.20	18.50
1.4	256QAM	3	1	17.18	17.38	17.23	18.50
1.4	256QAM	3	3	17.15	17.44	17.13	18.50
1.4	256QAM	6	0	17.04	17.27	17.07	18.50

【LTE Band 2_Ant 6_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	18.95	19.24	19.07	19.90
20	QPSK	1	49	18.87	19.10	18.92	19.90
20	QPSK	1	99	18.85	19.18	19.03	19.90
20	QPSK	50	0	18.84	19.19	19.00	19.90
20	QPSK	50	24	18.81	19.17	18.87	19.90
20	QPSK	50	50	18.71	19.09	19.03	19.90
20	QPSK	100	0	18.86	19.10	18.83	19.90

20	16QAM	1	0	18.91	19.19	19.01	19.90
20	16QAM	1	49	18.83	19.14	18.92	19.90
20	16QAM	1	99	18.84	19.03	18.94	19.90
20	16QAM	50	0	18.77	19.12	18.86	19.90
20	16QAM	50	24	18.82	19.11	18.96	19.90
20	16QAM	50	50	18.87	19.05	18.91	19.90
20	16QAM	100	0	18.88	19.06	18.82	19.90
20	64QAM	1	0	18.88	19.16	19.07	19.90
20	64QAM	1	49	18.86	19.17	18.87	19.90
20	64QAM	1	99	18.70	19.00	18.91	19.90
20	64QAM	50	0	18.85	19.16	18.99	19.90
20	64QAM	50	24	18.72	19.08	19.01	19.90
20	64QAM	50	50	18.86	19.11	19.02	19.90
20	64QAM	100	0	18.78	19.05	18.99	19.90
20	256QAM	1	0	17.54	17.70	17.43	18.50
20	256QAM	1	49	17.44	17.60	17.38	18.50
20	256QAM	1	99	17.22	17.57	17.32	18.50
20	256QAM	50	0	17.31	17.44	17.23	18.50
20	256QAM	50	24	17.22	17.50	17.33	18.50
20	256QAM	50	50	17.24	17.46	17.17	18.50
20	256QAM	100	0	17.18	17.41	17.20	18.50
Channel				18675	18900	19125	Tune-up limit
Frequency (MHz)				1857.5	1880	1902.5	(dBm)
15	QPSK	1	0	18.93	19.10	18.93	19.90
15	QPSK	1	37	18.80	19.03	18.82	19.90
15	QPSK	1	74	18.82	19.14	19.03	19.90
15	QPSK	36	0	18.76	19.13	18.98	19.90
15	QPSK	36	20	18.75	19.17	18.77	19.90
15	QPSK	36	39	18.68	19.05	19.02	19.90
15	QPSK	75	0	18.74	18.97	18.81	19.90
15	16QAM	1	0	18.87	19.14	18.91	19.90
15	16QAM	1	37	18.80	19.04	18.90	19.90
15	16QAM	1	74	18.72	18.88	18.92	19.90
15	16QAM	36	0	18.67	19.09	18.71	19.90
15	16QAM	36	20	18.80	19.05	18.86	19.90
15	16QAM	36	39	18.84	19.00	18.82	19.90
15	16QAM	75	0	18.85	19.03	18.77	19.90
15	64QAM	1	0	18.87	19.09	19.00	19.90
15	64QAM	1	37	18.72	19.06	18.76	19.90
15	64QAM	1	74	18.64	18.93	18.82	19.90
15	64QAM	36	0	18.81	19.10	18.95	19.90
15	64QAM	36	20	18.63	19.00	18.94	19.90
15	64QAM	36	39	18.76	19.06	18.88	19.90
15	64QAM	75	0	18.67	18.91	18.94	19.90
15	256QAM	1	0	17.46	17.57	17.39	18.50
15	256QAM	1	37	17.31	17.57	17.27	18.50
15	256QAM	1	74	17.19	17.50	17.25	18.50
15	256QAM	36	0	17.19	17.33	17.08	18.50
15	256QAM	36	20	17.07	17.40	17.27	18.50
15	256QAM	36	39	17.15	17.34	17.05	18.50
15	256QAM	75	0	17.06	17.38	17.10	18.50
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	18.90	19.20	18.94	19.90
10	QPSK	1	25	18.84	18.98	18.90	19.90
10	QPSK	1	49	18.72	19.12	19.00	19.90
10	QPSK	25	0	18.68	19.09	18.88	19.90
10	QPSK	25	12	18.70	19.08	18.73	19.90
10	QPSK	25	25	18.60	18.94	18.94	19.90
10	QPSK	50	0	18.82	19.04	18.68	19.90
10	16QAM	1	0	18.89	19.07	18.93	19.90
10	16QAM	1	25	18.76	19.06	18.85	19.90
10	16QAM	1	49	18.73	18.95	18.90	19.90
10	16QAM	25	0	18.67	19.10	18.81	19.90
10	16QAM	25	12	18.77	19.08	18.83	19.90
10	16QAM	25	25	18.80	18.92	18.89	19.90
10	16QAM	50	0	18.79	18.95	18.67	19.90
10	64QAM	1	0	18.78	19.03	19.00	19.90
10	64QAM	1	25	18.79	19.16	18.77	19.90
10	64QAM	1	49	18.59	18.92	18.87	19.90
10	64QAM	25	0	18.71	19.02	18.95	19.90
10	64QAM	25	12	18.64	19.05	18.98	19.90
10	64QAM	25	25	18.77	19.00	18.88	19.90
10	64QAM	50	0	18.76	18.90	18.95	19.90
10	256QAM	1	0	17.49	17.65	17.35	18.50
10	256QAM	1	25	17.32	17.51	17.25	18.50
10	256QAM	1	49	17.07	17.50	17.19	18.50

10	256QAM	25	0	17.28	17.35	17.13	18.50
10	256QAM	25	12	17.10	17.39	17.32	18.50
10	256QAM	25	25	17.19	17.42	17.14	18.50
10	256QAM	50	0	17.07	17.31	17.18	18.50
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	18.86	19.17	18.89	19.90
5	QPSK	1	12	18.72	19.06	18.88	19.90
5	QPSK	1	24	18.83	19.17	18.95	19.90
5	QPSK	12	0	18.77	19.02	18.96	19.90
5	QPSK	12	7	18.80	19.14	18.77	19.90
5	QPSK	12	13	18.69	19.00	18.95	19.90
5	QPSK	25	0	18.82	19.03	18.76	19.90
5	16QAM	1	0	18.90	19.16	18.97	19.90
5	16QAM	1	12	18.78	19.04	18.91	19.90
5	16QAM	1	24	18.78	18.94	18.81	19.90
5	16QAM	12	0	18.68	18.98	18.77	19.90
5	16QAM	12	7	18.81	18.99	18.93	19.90
5	16QAM	12	13	18.81	18.92	18.81	19.90
5	16QAM	25	0	18.83	19.00	18.67	19.90
5	64QAM	1	0	18.76	19.13	19.02	19.90
5	64QAM	1	12	18.71	19.14	18.72	19.90
5	64QAM	1	24	18.62	18.87	18.80	19.90
5	64QAM	12	0	18.78	19.08	18.85	19.90
5	64QAM	12	7	18.66	19.03	18.87	19.90
5	64QAM	12	13	18.83	19.06	18.91	19.90
5	64QAM	25	0	18.77	18.99	18.93	19.90
5	256QAM	1	0	17.46	17.69	17.28	18.50
5	256QAM	1	12	17.39	17.57	17.35	18.50
5	256QAM	1	24	17.18	17.49	17.26	18.50
5	256QAM	12	0	17.27	17.35	17.19	18.50
5	256QAM	12	7	17.15	17.39	17.24	18.50
5	256QAM	12	13	17.16	17.44	17.04	18.50
5	256QAM	25	0	17.04	17.38	17.10	18.50
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	18.92	19.21	19.00	19.90
3	QPSK	1	8	18.74	18.96	18.88	19.90
3	QPSK	1	14	18.77	19.03	18.97	19.90
3	QPSK	8	0	18.79	19.07	18.98	19.90
3	QPSK	8	4	18.70	19.15	18.73	19.90
3	QPSK	8	7	18.66	19.02	18.97	19.90
3	QPSK	15	0	18.73	18.97	18.76	19.90
3	16QAM	1	0	18.78	19.14	18.97	19.90
3	16QAM	1	8	18.79	19.12	18.82	19.90
3	16QAM	1	14	18.70	18.91	18.80	19.90
3	16QAM	8	0	18.75	19.09	18.75	19.90
3	16QAM	8	4	18.72	19.02	18.90	19.90
3	16QAM	8	7	18.77	19.02	18.83	19.90
3	16QAM	15	0	18.84	18.96	18.67	19.90
3	64QAM	1	0	18.84	19.02	18.99	19.90
3	64QAM	1	8	18.83	19.07	18.84	19.90
3	64QAM	1	14	18.68	18.87	18.83	19.90
3	64QAM	8	0	18.78	19.07	18.94	19.90
3	64QAM	8	4	18.58	19.06	18.98	19.90
3	64QAM	8	7	18.76	19.06	18.94	19.90
3	64QAM	15	0	18.72	18.98	18.85	19.90
3	256QAM	1	0	17.41	17.67	17.41	18.50
3	256QAM	1	8	17.29	17.55	17.30	18.50
3	256QAM	1	14	17.12	17.52	17.31	18.50
3	256QAM	8	0	17.23	17.36	17.08	18.50
3	256QAM	8	4	17.11	17.44	17.31	18.50
3	256QAM	8	7	17.17	17.34	17.12	18.50
3	256QAM	15	0	17.12	17.34	17.16	18.50
Channel				18607	18900	19193	Tune-up limit
Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	18.93	19.22	18.95	19.90
1.4	QPSK	1	3	18.75	19.08	18.81	19.90
1.4	QPSK	1	5	18.77	19.15	19.00	19.90
1.4	QPSK	3	0	18.77	19.10	18.98	19.90
1.4	QPSK	3	1	18.74	19.14	18.84	19.90
1.4	QPSK	3	3	18.62	18.98	18.96	19.90
1.4	QPSK	6	0	18.81	19.02	18.77	19.90
1.4	16QAM	1	0	18.79	19.12	18.89	19.90
1.4	16QAM	1	3	18.81	19.06	18.81	19.90
1.4	16QAM	1	5	18.81	18.94	18.88	19.90
1.4	16QAM	3	0	18.75	18.98	18.81	19.90

1.4	16QAM	3	1	18.69	19.08	18.93	19.90
1.4	16QAM	3	3	18.79	18.99	18.78	19.90
1.4	16QAM	6	0	18.83	19.00	18.70	19.90
1.4	64QAM	1	0	18.82	19.01	19.03	19.90
1.4	64QAM	1	3	18.74	19.05	18.82	19.90
1.4	64QAM	1	5	18.69	18.88	18.89	19.90
1.4	64QAM	3	0	18.72	19.06	18.93	19.90
1.4	64QAM	3	1	18.64	19.04	19.00	19.90
1.4	64QAM	3	3	18.83	18.97	18.96	19.90
1.4	64QAM	6	0	18.70	18.93	18.86	19.90
1.4	256QAM	1	0	17.43	17.63	17.38	18.50
1.4	256QAM	1	3	17.31	17.55	17.29	18.50
1.4	256QAM	1	5	17.09	17.42	17.28	18.50
1.4	256QAM	3	0	17.21	17.38	17.20	18.50
1.4	256QAM	3	1	17.18	17.38	17.23	18.50
1.4	256QAM	3	3	17.15	17.44	17.13	18.50
1.4	256QAM	6	0	17.04	17.27	17.07	18.50

【LTE Band 4_Ant 1_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	Tune-up limit (dBm)
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	22.54	22.66	22.60	24.00
20	QPSK	1	49	22.01	22.15	22.01	24.00
20	QPSK	1	99	22.00	22.22	22.07	24.00
20	QPSK	50	0	22.12	22.30	22.10	24.00
20	QPSK	50	24	22.02	22.26	22.12	24.00
20	QPSK	50	50	22.00	22.12	22.01	24.00
20	QPSK	100	0	22.00	22.17	22.07	24.00
20	16QAM	1	0	22.35	22.49	22.38	24.00
20	16QAM	1	49	22.30	22.57	22.41	24.00
20	16QAM	1	99	22.32	22.52	22.36	24.00
20	16QAM	50	0	21.59	21.74	21.62	23.00
20	16QAM	50	24	21.62	21.75	21.66	23.00
20	16QAM	50	50	21.55	21.73	21.58	23.00
20	16QAM	100	0	21.35	21.57	21.41	23.00
20	64QAM	1	0	21.97	22.23	22.16	23.50
20	64QAM	1	49	22.05	22.20	22.11	23.50
20	64QAM	1	99	21.71	21.88	21.76	23.50
20	64QAM	50	0	21.59	21.75	21.66	23.00
20	64QAM	50	24	21.54	21.78	21.62	23.00
20	64QAM	50	50	21.02	21.24	21.16	23.00
20	64QAM	100	0	21.66	21.82	21.65	23.00
20	256QAM	1	0	18.68	18.84	18.77	20.00
20	256QAM	1	49	18.66	18.82	18.75	20.00
20	256QAM	1	99	18.80	18.92	18.73	20.00
20	256QAM	50	0	18.58	18.73	18.57	20.00
20	256QAM	50	24	18.68	18.81	18.67	20.00
20	256QAM	50	50	18.56	18.74	18.57	20.00
20	256QAM	100	0	18.60	18.76	18.56	20.00
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	22.44	22.56	22.47	24.00
15	QPSK	1	37	22.00	22.12	22.01	24.00
15	QPSK	1	74	22.00	22.16	22.06	24.00
15	QPSK	36	0	22.08	22.29	22.02	24.00
15	QPSK	36	20	22.01	22.21	22.07	24.00
15	QPSK	36	39	22.01	22.01	22.00	24.00
15	QPSK	75	0	22.00	22.12	22.01	24.00
15	16QAM	1	0	22.21	22.35	22.30	24.00
15	16QAM	1	37	22.16	22.52	22.39	24.00
15	16QAM	1	74	22.27	22.43	22.21	24.00
15	16QAM	36	0	21.54	21.60	21.56	23.00
15	16QAM	36	20	21.54	21.61	21.55	23.00
15	16QAM	36	39	21.41	21.58	21.46	23.00
15	16QAM	75	0	21.25	21.55	21.32	23.00
15	64QAM	1	0	21.84	22.12	22.13	23.50
15	64QAM	1	37	21.93	22.13	22.09	23.50
15	64QAM	1	74	21.63	21.78	21.62	23.50
15	64QAM	36	0	21.46	21.63	21.64	23.00
15	64QAM	36	20	21.47	21.69	21.50	23.00

15	64QAM	36	39	21.00	21.21	21.09	23.00
15	64QAM	75	0	21.58	21.72	21.63	23.00
15	256QAM	1	0	18.61	18.79	18.71	20.00
15	256QAM	1	37	18.51	18.67	18.72	20.00
15	256QAM	1	74	18.68	18.80	18.62	20.00
15	256QAM	36	0	18.47	18.67	18.53	20.00
15	256QAM	36	20	18.63	18.73	18.53	20.00
15	256QAM	36	39	18.41	18.70	18.47	20.00
15	256QAM	75	0	18.52	18.69	18.49	20.00
Channel				20000	20175	20350	Tune-up limit
Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	22.39	22.60	22.56	24.00
10	QPSK	1	25	22.00	22.12	22.00	24.00
10	QPSK	1	49	22.01	22.15	22.00	24.00
10	QPSK	25	0	22.04	22.20	22.01	24.00
10	QPSK	25	12	22.01	22.18	22.05	24.00
10	QPSK	25	25	22.01	22.03	22.01	24.00
10	QPSK	50	0	22.01	22.08	22.00	24.00
10	16QAM	1	0	22.23	22.47	22.31	24.00
10	16QAM	1	25	22.21	22.47	22.39	24.00
10	16QAM	1	49	22.28	22.48	22.33	24.00
10	16QAM	25	0	21.53	21.67	21.56	23.00
10	16QAM	25	12	21.56	21.62	21.60	23.00
10	16QAM	25	25	21.44	21.67	21.48	23.00
10	16QAM	50	0	21.27	21.51	21.39	23.00
10	64QAM	1	0	21.83	22.19	22.11	23.50
10	64QAM	1	25	22.01	22.09	22.04	23.50
10	64QAM	1	49	21.63	21.78	21.73	23.50
10	64QAM	25	0	21.46	21.67	21.57	23.00
10	64QAM	25	12	21.44	21.69	21.54	23.00
10	64QAM	25	25	21.01	21.12	21.09	23.00
10	64QAM	50	0	21.61	21.79	21.59	23.00
10	256QAM	1	0	18.61	18.79	18.63	20.00
10	256QAM	1	25	18.54	18.69	18.73	20.00
10	256QAM	1	49	18.66	18.87	18.62	20.00
10	256QAM	25	0	18.55	18.64	18.51	20.00
10	256QAM	25	12	18.66	18.79	18.53	20.00
10	256QAM	25	25	18.50	18.72	18.55	20.00
10	256QAM	50	0	18.54	18.72	18.48	20.00
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	22.47	22.53	22.52	24.00
5	QPSK	1	12	22.00	22.02	22.00	24.00
5	QPSK	1	24	22.00	22.11	22.00	24.00
5	QPSK	12	0	22.01	22.20	22.03	24.00
5	QPSK	12	7	22.01	22.13	22.01	24.00
5	QPSK	12	13	22.00	22.08	22.00	24.00
5	QPSK	25	0	22.00	22.15	22.01	24.00
5	16QAM	1	0	22.31	22.47	22.31	24.00
5	16QAM	1	12	22.19	22.44	22.28	24.00
5	16QAM	1	24	22.22	22.44	22.33	24.00
5	16QAM	12	0	21.46	21.60	21.48	23.00
5	16QAM	12	7	21.52	21.64	21.56	23.00
5	16QAM	12	13	21.41	21.60	21.49	23.00
5	16QAM	25	0	21.28	21.56	21.26	23.00
5	64QAM	1	0	21.96	22.16	22.06	23.50
5	64QAM	1	12	21.93	22.17	21.98	23.50
5	64QAM	1	24	21.59	21.84	21.62	23.50
5	64QAM	12	0	21.45	21.61	21.62	23.00
5	64QAM	12	7	21.41	21.67	21.49	23.00
5	64QAM	12	13	21.01	21.11	21.03	23.00
5	64QAM	25	0	21.61	21.80	21.61	23.00
5	256QAM	1	0	18.57	18.69	18.69	20.00
5	256QAM	1	12	18.52	18.81	18.73	20.00
5	256QAM	1	24	18.70	18.77	18.70	20.00
5	256QAM	12	0	18.57	18.70	18.45	20.00
5	256QAM	12	7	18.54	18.70	18.56	20.00
5	256QAM	12	13	18.53	18.61	18.46	20.00
5	256QAM	25	0	18.50	18.73	18.52	20.00
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	22.40	22.63	22.48	24.00
3	QPSK	1	8	22.00	22.04	22.00	24.00
3	QPSK	1	14	22.01	22.16	22.01	24.00
3	QPSK	8	0	22.06	22.18	22.08	24.00
3	QPSK	8	4	22.00	22.18	22.01	24.00
3	QPSK	8	7	22.01	22.01	22.00	24.00

3	QPSK	15	0	22.01	22.16	22.01	24.00
3	16QAM	1	0	22.31	22.46	22.33	24.00
3	16QAM	1	8	22.22	22.55	22.29	24.00
3	16QAM	1	14	22.26	22.42	22.32	24.00
3	16QAM	8	0	21.46	21.72	21.59	23.00
3	16QAM	8	4	21.57	21.73	21.54	23.00
3	16QAM	8	7	21.50	21.71	21.44	23.00
3	16QAM	15	0	21.33	21.55	21.26	23.00
3	64QAM	1	0	21.90	22.13	22.09	23.50
3	64QAM	1	8	22.04	22.18	21.97	23.50
3	64QAM	1	14	21.67	21.73	21.75	23.50
3	64QAM	8	0	21.57	21.67	21.53	23.00
3	64QAM	8	4	21.52	21.73	21.49	23.00
3	64QAM	8	7	21.01	21.20	21.08	23.00
3	64QAM	15	0	21.65	21.79	21.52	23.00
3	256QAM	1	0	18.62	18.74	18.65	20.00
3	256QAM	1	8	18.51	18.68	18.71	20.00
3	256QAM	1	14	18.69	18.84	18.60	20.00
3	256QAM	8	0	18.48	18.67	18.47	20.00
3	256QAM	8	4	18.56	18.70	18.60	20.00
3	256QAM	8	7	18.50	18.59	18.51	20.00
3	256QAM	15	0	18.47	18.64	18.54	20.00
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	22.44	22.56	22.52	24.00
1.4	QPSK	1	3	22.00	22.13	22.00	24.00
1.4	QPSK	1	5	22.02	22.08	22.04	24.00
1.4	QPSK	3	0	22.05	22.16	22.00	24.00
1.4	QPSK	3	1	22.00	22.23	22.00	24.00
1.4	QPSK	3	3	22.00	22.10	22.01	24.00
1.4	QPSK	6	0	22.00	22.16	22.02	24.00
1.4	16QAM	1	0	22.24	22.36	22.28	24.00
1.4	16QAM	1	3	22.25	22.45	22.32	24.00
1.4	16QAM	1	5	22.22	22.39	22.32	24.00
1.4	16QAM	3	0	21.44	21.63	21.48	23.00
1.4	16QAM	3	1	21.56	21.66	21.59	23.00
1.4	16QAM	3	3	21.42	21.67	21.51	23.00
1.4	16QAM	6	0	21.32	21.45	21.34	23.00
1.4	64QAM	1	0	22.01	22.16	22.10	24.00
1.4	64QAM	1	3	22.03	22.07	22.02	24.00
1.4	64QAM	1	5	22.01	22.02	22.00	24.00
1.4	64QAM	3	0	21.54	21.64	21.52	23.00
1.4	64QAM	3	1	21.53	21.75	21.55	23.00
1.4	64QAM	3	3	21.01	21.18	21.02	23.00
1.4	64QAM	6	0	21.59	21.80	21.63	23.00
1.4	256QAM	1	0	18.59	18.81	18.71	20.00
1.4	256QAM	1	3	18.56	18.77	18.62	20.00
1.4	256QAM	1	5	18.66	18.82	18.64	20.00
1.4	256QAM	3	0	18.48	18.64	18.54	20.00
1.4	256QAM	3	1	18.66	18.74	18.57	20.00
1.4	256QAM	3	3	18.52	18.62	18.53	20.00
1.4	256QAM	6	0	18.58	18.62	18.46	20.00

【LTE Band 4_Ant 1_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	Tune-up limit (dBm)
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	22.54	22.66	22.60	24.00
20	QPSK	1	49	22.01	22.15	22.01	24.00
20	QPSK	1	99	22.00	22.22	22.07	24.00
20	QPSK	50	0	22.12	22.30	22.10	24.00
20	QPSK	50	24	22.02	22.26	22.12	24.00
20	QPSK	50	50	22.00	22.12	22.01	24.00
20	QPSK	100	0	22.00	22.17	22.07	24.00
20	16QAM	1	0	22.35	22.49	22.38	24.00
20	16QAM	1	49	22.30	22.57	22.41	24.00
20	16QAM	1	99	22.32	22.52	22.36	24.00
20	16QAM	50	0	21.59	21.74	21.62	23.00
20	16QAM	50	24	21.62	21.75	21.66	23.00
20	16QAM	50	50	21.55	21.73	21.58	23.00
20	16QAM	100	0	21.35	21.57	21.41	23.00

20	64QAM	1	0	21.97	22.23	22.16	23.50
20	64QAM	1	49	22.05	22.20	22.11	23.50
20	64QAM	1	99	21.71	21.88	21.76	23.50
20	64QAM	50	0	21.59	21.75	21.66	23.00
20	64QAM	50	24	21.54	21.78	21.62	23.00
20	64QAM	50	50	21.02	21.24	21.16	23.00
20	64QAM	100	0	21.66	21.82	21.65	23.00
20	256QAM	1	0	18.68	18.84	18.77	20.00
20	256QAM	1	49	18.66	18.82	18.75	20.00
20	256QAM	1	99	18.80	18.92	18.73	20.00
20	256QAM	50	0	18.58	18.73	18.57	20.00
20	256QAM	50	24	18.68	18.81	18.67	20.00
20	256QAM	50	50	18.56	18.74	18.57	20.00
20	256QAM	100	0	18.60	18.76	18.56	20.00
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	22.44	22.56	22.47	24.00
15	QPSK	1	37	22.00	22.12	22.01	24.00
15	QPSK	1	74	22.00	22.16	22.06	24.00
15	QPSK	36	0	22.08	22.29	22.02	24.00
15	QPSK	36	20	22.01	22.21	22.07	24.00
15	QPSK	36	39	22.01	22.01	22.00	24.00
15	QPSK	75	0	22.00	22.12	22.01	24.00
15	16QAM	1	0	22.21	22.35	22.30	24.00
15	16QAM	1	37	22.16	22.52	22.39	24.00
15	16QAM	1	74	22.27	22.43	22.21	24.00
15	16QAM	36	0	21.54	21.60	21.56	23.00
15	16QAM	36	20	21.54	21.61	21.55	23.00
15	16QAM	36	39	21.41	21.58	21.46	23.00
15	16QAM	75	0	21.25	21.55	21.32	23.00
15	64QAM	1	0	21.84	22.12	22.13	23.50
15	64QAM	1	37	21.93	22.13	22.09	23.50
15	64QAM	1	74	21.63	21.78	21.62	23.50
15	64QAM	36	0	21.46	21.63	21.64	23.00
15	64QAM	36	20	21.47	21.69	21.50	23.00
15	64QAM	36	39	21.00	21.21	21.09	23.00
15	64QAM	75	0	21.58	21.72	21.63	23.00
15	256QAM	1	0	18.61	18.79	18.71	20.00
15	256QAM	1	37	18.51	18.67	18.72	20.00
15	256QAM	1	74	18.68	18.80	18.62	20.00
15	256QAM	36	0	18.47	18.67	18.53	20.00
15	256QAM	36	20	18.63	18.73	18.53	20.00
15	256QAM	36	39	18.41	18.70	18.47	20.00
15	256QAM	75	0	18.52	18.69	18.49	20.00
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	22.39	22.60	22.56	24.00
10	QPSK	1	25	22.00	22.12	22.00	24.00
10	QPSK	1	49	22.01	22.15	22.00	24.00
10	QPSK	25	0	22.04	22.20	22.01	24.00
10	QPSK	25	12	22.01	22.18	22.05	24.00
10	QPSK	25	25	22.01	22.03	22.01	24.00
10	QPSK	50	0	22.01	22.08	22.00	24.00
10	16QAM	1	0	22.23	22.47	22.31	24.00
10	16QAM	1	25	22.21	22.47	22.39	24.00
10	16QAM	1	49	22.28	22.48	22.33	24.00
10	16QAM	25	0	21.53	21.67	21.56	23.00
10	16QAM	25	12	21.56	21.62	21.60	23.00
10	16QAM	25	25	21.44	21.67	21.48	23.00
10	16QAM	50	0	21.27	21.51	21.39	23.00
10	64QAM	1	0	21.83	22.19	22.11	23.50
10	64QAM	1	25	22.01	22.09	22.04	23.50
10	64QAM	1	49	21.63	21.78	21.73	23.50
10	64QAM	25	0	21.46	21.67	21.57	23.00
10	64QAM	25	12	21.44	21.69	21.54	23.00
10	64QAM	25	25	21.01	21.12	21.09	23.00
10	64QAM	50	0	21.61	21.79	21.59	23.00
10	256QAM	1	0	18.61	18.79	18.63	20.00
10	256QAM	1	25	18.54	18.69	18.73	20.00
10	256QAM	1	49	18.66	18.87	18.62	20.00
10	256QAM	25	0	18.55	18.64	18.51	20.00
10	256QAM	25	12	18.66	18.79	18.53	20.00
10	256QAM	25	25	18.50	18.72	18.55	20.00
10	256QAM	50	0	18.54	18.72	18.48	20.00
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	22.47	22.53	22.52	24.00

5	QPSK	1	12	22.00	22.02	22.00	24.00
5	QPSK	1	24	22.00	22.11	22.00	24.00
5	QPSK	12	0	22.01	22.20	22.03	24.00
5	QPSK	12	7	22.01	22.13	22.01	24.00
5	QPSK	12	13	22.00	22.08	22.00	24.00
5	QPSK	25	0	22.00	22.15	22.01	24.00
5	16QAM	1	0	22.31	22.47	22.31	24.00
5	16QAM	1	12	22.19	22.44	22.28	24.00
5	16QAM	1	24	22.22	22.44	22.33	24.00
5	16QAM	12	0	21.46	21.60	21.48	23.00
5	16QAM	12	7	21.52	21.64	21.56	23.00
5	16QAM	12	13	21.41	21.60	21.49	23.00
5	16QAM	25	0	21.28	21.56	21.26	23.00
5	64QAM	1	0	21.96	22.16	22.06	23.50
5	64QAM	1	12	21.93	22.17	21.98	23.50
5	64QAM	1	24	21.59	21.84	21.62	23.50
5	64QAM	12	0	21.45	21.61	21.62	23.00
5	64QAM	12	7	21.41	21.67	21.49	23.00
5	64QAM	12	13	21.01	21.11	21.03	23.00
5	64QAM	25	0	21.61	21.80	21.61	23.00
5	256QAM	1	0	18.57	18.69	18.69	20.00
5	256QAM	1	12	18.52	18.81	18.73	20.00
5	256QAM	1	24	18.70	18.77	18.70	20.00
5	256QAM	12	0	18.57	18.70	18.45	20.00
5	256QAM	12	7	18.54	18.70	18.56	20.00
5	256QAM	12	13	18.53	18.61	18.46	20.00
5	256QAM	25	0	18.50	18.73	18.52	20.00
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	22.40	22.63	22.48	24.00
3	QPSK	1	8	22.00	22.04	22.00	24.00
3	QPSK	1	14	22.01	22.16	22.01	24.00
3	QPSK	8	0	22.06	22.18	22.08	24.00
3	QPSK	8	4	22.00	22.18	22.01	24.00
3	QPSK	8	7	22.01	22.01	22.00	24.00
3	QPSK	15	0	22.01	22.16	22.01	24.00
3	16QAM	1	0	22.31	22.46	22.33	24.00
3	16QAM	1	8	22.22	22.55	22.29	24.00
3	16QAM	1	14	22.26	22.42	22.32	24.00
3	16QAM	8	0	21.46	21.72	21.59	23.00
3	16QAM	8	4	21.57	21.73	21.54	23.00
3	16QAM	8	7	21.50	21.71	21.44	23.00
3	16QAM	15	0	21.33	21.55	21.26	23.00
3	64QAM	1	0	21.90	22.13	22.09	23.50
3	64QAM	1	8	22.04	22.18	21.97	23.50
3	64QAM	1	14	21.67	21.73	21.75	23.50
3	64QAM	8	0	21.57	21.67	21.53	23.00
3	64QAM	8	4	21.52	21.73	21.49	23.00
3	64QAM	8	7	21.01	21.20	21.08	23.00
3	64QAM	15	0	21.65	21.79	21.52	23.00
3	256QAM	1	0	18.62	18.74	18.65	20.00
3	256QAM	1	8	18.51	18.68	18.71	20.00
3	256QAM	1	14	18.69	18.84	18.60	20.00
3	256QAM	8	0	18.48	18.67	18.47	20.00
3	256QAM	8	4	18.56	18.70	18.60	20.00
3	256QAM	8	7	18.50	18.59	18.51	20.00
3	256QAM	15	0	18.47	18.64	18.54	20.00
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	22.44	22.56	22.52	24.00
1.4	QPSK	1	3	22.00	22.13	22.00	24.00
1.4	QPSK	1	5	22.02	22.08	22.04	24.00
1.4	QPSK	3	0	22.05	22.16	22.00	24.00
1.4	QPSK	3	1	22.00	22.23	22.00	24.00
1.4	QPSK	3	3	22.00	22.10	22.01	24.00
1.4	QPSK	6	0	22.00	22.16	22.02	24.00
1.4	16QAM	1	0	22.24	22.36	22.28	24.00
1.4	16QAM	1	3	22.25	22.45	22.32	24.00
1.4	16QAM	1	5	22.22	22.39	22.32	24.00
1.4	16QAM	3	0	21.44	21.63	21.48	23.00
1.4	16QAM	3	1	21.56	21.66	21.59	23.00
1.4	16QAM	3	3	21.42	21.67	21.51	23.00
1.4	16QAM	6	0	21.32	21.45	21.34	23.00
1.4	64QAM	1	0	22.01	22.16	22.10	24.00
1.4	64QAM	1	3	22.03	22.07	22.02	24.00
1.4	64QAM	1	5	22.01	22.02	22.00	24.00
1.4	64QAM	3	0	21.54	21.64	21.52	23.00

1.4	64QAM	3	1	21.53	21.75	21.55	23.00
1.4	64QAM	3	3	21.01	21.18	21.02	23.00
1.4	64QAM	6	0	21.59	21.80	21.63	23.00
1.4	256QAM	1	0	18.59	18.81	18.71	20.00
1.4	256QAM	1	3	18.56	18.77	18.62	20.00
1.4	256QAM	1	5	18.66	18.82	18.64	20.00
1.4	256QAM	3	0	18.48	18.64	18.54	20.00
1.4	256QAM	3	1	18.66	18.74	18.57	20.00
1.4	256QAM	3	3	18.52	18.62	18.53	20.00
1.4	256QAM	6	0	18.58	18.62	18.46	20.00

【LTE Band 4_Ant 1_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	Tune-up limit (dBm)
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	16.81	16.85	16.76	17.60
20	QPSK	1	49	16.69	16.81	16.65	17.60
20	QPSK	1	99	16.58	16.69	16.45	17.60
20	QPSK	50	0	16.78	16.82	16.74	17.60
20	QPSK	50	24	16.56	16.72	16.54	17.60
20	QPSK	50	50	16.65	16.71	16.50	17.60
20	QPSK	100	0	16.65	16.70	16.53	17.60
20	16QAM	1	0	16.50	16.68	16.55	17.60
20	16QAM	1	49	16.67	16.76	16.65	17.60
20	16QAM	1	99	16.55	16.73	16.56	17.60
20	16QAM	50	0	16.54	16.71	16.59	17.60
20	16QAM	50	24	16.65	16.77	16.66	17.60
20	16QAM	50	50	16.76	16.81	16.57	17.60
20	16QAM	100	0	16.60	16.69	16.50	17.60
20	64QAM	1	0	16.69	16.75	16.55	17.60
20	64QAM	1	49	16.72	16.81	16.71	17.60
20	64QAM	1	99	16.61	16.76	16.64	17.60
20	64QAM	50	0	16.58	16.70	16.52	17.60
20	64QAM	50	24	16.67	16.78	16.62	17.60
20	64QAM	50	50	16.61	16.72	16.61	17.60
20	64QAM	100	0	16.56	16.68	16.49	17.60
20	256QAM	1	0	16.69	16.76	16.58	17.60
20	256QAM	1	49	16.70	16.82	16.69	17.60
20	256QAM	1	99	16.58	16.76	16.57	17.60
20	256QAM	50	0	16.58	16.73	16.56	17.60
20	256QAM	50	24	16.58	16.77	16.65	17.60
20	256QAM	50	50	16.59	16.69	16.48	17.60
20	256QAM	100	0	16.59	16.70	16.57	17.60
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	16.77	16.77	16.74	17.60
15	QPSK	1	37	16.66	16.73	16.57	17.60
15	QPSK	1	74	16.47	16.57	16.35	17.60
15	QPSK	36	0	16.64	16.67	16.61	17.60
15	QPSK	36	20	16.50	16.70	16.40	17.60
15	QPSK	36	39	16.52	16.69	16.42	17.60
15	QPSK	75	0	16.54	16.63	16.52	17.60
15	16QAM	1	0	16.39	16.54	16.43	17.60
15	16QAM	1	37	16.62	16.63	16.62	17.60
15	16QAM	1	74	16.44	16.65	16.50	17.60
15	16QAM	36	0	16.48	16.61	16.50	17.60
15	16QAM	36	20	16.64	16.74	16.55	17.60
15	16QAM	36	39	16.69	16.67	16.54	17.60
15	16QAM	75	0	16.46	16.57	16.47	17.60
15	64QAM	1	0	16.65	16.66	16.48	17.60
15	64QAM	1	37	16.60	16.66	16.64	17.60
15	64QAM	1	74	16.57	16.68	16.61	17.60
15	64QAM	36	0	16.57	16.62	16.42	17.60
15	64QAM	36	20	16.52	16.65	16.61	17.60
15	64QAM	36	39	16.57	16.71	16.49	17.60
15	64QAM	75	0	16.51	16.64	16.41	17.60
15	256QAM	1	0	16.58	16.72	16.48	17.60
15	256QAM	1	37	16.57	16.80	16.66	17.60
15	256QAM	1	74	16.52	16.63	16.51	17.60
15	256QAM	36	0	16.45	16.71	16.45	17.60
15	256QAM	36	20	16.52	16.66	16.58	17.60

15	256QAM	36	39	16.47	16.63	16.38	17.60
15	256QAM	75	0	16.48	16.62	16.44	17.60
Channel				20000	20175	20350	Tune-up limit
Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	16.67	16.74	16.65	17.60
10	QPSK	1	25	16.56	16.68	16.60	17.60
10	QPSK	1	49	16.43	16.65	16.38	17.60
10	QPSK	25	0	16.71	16.77	16.61	17.60
10	QPSK	25	12	16.52	16.63	16.46	17.60
10	QPSK	25	25	16.54	16.69	16.45	17.60
10	QPSK	50	0	16.57	16.66	16.44	17.60
10	16QAM	1	0	16.43	16.59	16.44	17.60
10	16QAM	1	25	16.55	16.72	16.60	17.60
10	16QAM	1	49	16.47	16.68	16.46	17.60
10	16QAM	25	0	16.44	16.61	16.48	17.60
10	16QAM	25	12	16.64	16.63	16.59	17.60
10	16QAM	25	25	16.63	16.71	16.44	17.60
10	16QAM	50	0	16.50	16.60	16.40	17.60
10	64QAM	1	0	16.59	16.62	16.41	17.60
10	64QAM	1	25	16.64	16.76	16.69	17.60
10	64QAM	1	49	16.52	16.68	16.49	17.60
10	64QAM	25	0	16.49	16.61	16.49	17.60
10	64QAM	25	12	16.52	16.72	16.57	17.60
10	64QAM	25	25	16.52	16.57	16.54	17.60
10	64QAM	50	0	16.42	16.65	16.46	17.60
10	256QAM	1	0	16.67	16.66	16.48	17.60
10	256QAM	1	25	16.60	16.74	16.64	17.60
10	256QAM	1	49	16.51	16.70	16.50	17.60
10	256QAM	25	0	16.47	16.71	16.44	17.60
10	256QAM	25	12	16.47	16.72	16.57	17.60
10	256QAM	25	25	16.51	16.60	16.42	17.60
10	256QAM	50	0	16.46	16.68	16.53	17.60
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	16.77	16.84	16.72	17.60
5	QPSK	1	12	16.58	16.67	16.58	17.60
5	QPSK	1	24	16.48	16.59	16.35	17.60
5	QPSK	12	0	16.74	16.71	16.65	17.60
5	QPSK	12	7	16.49	16.67	16.40	17.60
5	QPSK	12	13	16.57	16.69	16.37	17.60
5	QPSK	25	0	16.62	16.60	16.48	17.60
5	16QAM	1	0	16.37	16.62	16.48	17.60
5	16QAM	1	12	16.53	16.62	16.53	17.60
5	16QAM	1	24	16.46	16.65	16.52	17.60
5	16QAM	12	0	16.51	16.67	16.50	17.60
5	16QAM	12	7	16.63	16.62	16.56	17.60
5	16QAM	12	13	16.63	16.79	16.45	17.60
5	16QAM	25	0	16.56	16.54	16.41	17.60
5	64QAM	1	0	16.65	16.61	16.46	17.60
5	64QAM	1	12	16.61	16.75	16.66	17.60
5	64QAM	1	24	16.51	16.72	16.52	17.60
5	64QAM	12	0	16.51	16.62	16.38	17.60
5	64QAM	12	7	16.63	16.77	16.58	17.60
5	64QAM	12	13	16.46	16.66	16.48	17.60
5	64QAM	25	0	16.49	16.60	16.38	17.60
5	256QAM	1	0	16.67	16.71	16.54	17.60
5	256QAM	1	12	16.64	16.74	16.57	17.60
5	256QAM	1	24	16.48	16.63	16.55	17.60
5	256QAM	12	0	16.53	16.70	16.52	17.60
5	256QAM	12	7	16.44	16.67	16.55	17.60
5	256QAM	12	13	16.52	16.54	16.44	17.60
5	256QAM	25	0	16.45	16.56	16.54	17.60
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	16.69	16.82	16.70	17.60
3	QPSK	1	8	16.55	16.73	16.61	17.60
3	QPSK	1	14	16.54	16.68	16.38	17.60
3	QPSK	8	0	16.65	16.75	16.68	17.60
3	QPSK	8	4	16.55	16.59	16.42	17.60
3	QPSK	8	7	16.61	16.60	16.43	17.60
3	QPSK	15	0	16.62	16.66	16.43	17.60
3	16QAM	1	0	16.37	16.60	16.42	17.60
3	16QAM	1	8	16.55	16.74	16.61	17.60
3	16QAM	1	14	16.41	16.68	16.54	17.60
3	16QAM	8	0	16.52	16.61	16.54	17.60
3	16QAM	8	4	16.60	16.72	16.64	17.60
3	16QAM	8	7	16.73	16.72	16.50	17.60

3	16QAM	15	0	16.51	16.65	16.38	17.60
3	64QAM	1	0	16.61	16.69	16.49	17.60
3	64QAM	1	8	16.60	16.67	16.67	17.60
3	64QAM	1	14	16.54	16.63	16.58	17.60
3	64QAM	8	0	16.53	16.61	16.49	17.60
3	64QAM	8	4	16.65	16.73	16.47	17.60
3	64QAM	8	7	16.57	16.64	16.52	17.60
3	64QAM	15	0	16.44	16.54	16.46	17.60
3	256QAM	1	0	16.55	16.64	16.51	17.60
3	256QAM	1	8	16.67	16.75	16.68	17.60
3	256QAM	1	14	16.55	16.68	16.53	17.60
3	256QAM	8	0	16.46	16.62	16.45	17.60
3	256QAM	8	4	16.48	16.72	16.50	17.60
3	256QAM	8	7	16.52	16.63	16.40	17.60
3	256QAM	15	0	16.47	16.62	16.43	17.60
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	16.72	16.71	16.69	17.60
1.4	QPSK	1	3	16.58	16.76	16.64	17.60
1.4	QPSK	1	5	16.45	16.59	16.30	17.60
1.4	QPSK	3	0	16.67	16.76	16.64	17.60
1.4	QPSK	3	1	16.47	16.62	16.50	17.60
1.4	QPSK	3	3	16.53	16.60	16.42	17.60
1.4	QPSK	6	0	16.55	16.56	16.40	17.60
1.4	16QAM	1	0	16.37	16.62	16.47	17.60
1.4	16QAM	1	3	16.56	16.72	16.51	17.60
1.4	16QAM	1	5	16.45	16.64	16.46	17.60
1.4	16QAM	3	0	16.46	16.61	16.52	17.60
1.4	16QAM	3	1	16.63	16.73	16.55	17.60
1.4	16QAM	3	3	16.66	16.68	16.56	17.60
1.4	16QAM	6	0	16.57	16.66	16.43	17.60
1.4	64QAM	1	0	16.67	16.61	16.52	17.60
1.4	64QAM	1	3	16.59	16.80	16.59	17.60
1.4	64QAM	1	5	16.48	16.71	16.59	17.60
1.4	64QAM	3	0	16.50	16.68	16.39	17.60
1.4	64QAM	3	1	16.61	16.67	16.53	17.60
1.4	64QAM	3	3	16.47	16.59	16.49	17.60
1.4	64QAM	6	0	16.42	16.55	16.48	17.60
1.4	256QAM	1	0	16.54	16.62	16.55	17.60
1.4	256QAM	1	3	16.64	16.72	16.56	17.60
1.4	256QAM	1	5	16.50	16.67	16.44	17.60
1.4	256QAM	3	0	16.44	16.60	16.41	17.60
1.4	256QAM	3	1	16.56	16.70	16.51	17.60
1.4	256QAM	3	3	16.50	16.67	16.41	17.60
1.4	256QAM	6	0	16.56	16.57	16.49	17.60

【LTE Band 4_Ant 1_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	16.52	16.59	16.55	18.20
20	QPSK	1	49	16.40	16.56	16.44	18.20
20	QPSK	1	99	16.26	16.46	16.30	18.20
20	QPSK	50	0	16.49	16.58	16.53	18.20
20	QPSK	50	24	16.36	16.57	16.46	18.20
20	QPSK	50	50	16.48	16.57	16.51	18.20
20	QPSK	100	0	16.36	16.56	16.42	18.20
20	16QAM	1	0	16.33	16.51	16.35	18.20
20	16QAM	1	49	16.28	16.42	16.36	18.20
20	16QAM	1	99	16.28	16.46	16.34	18.20
20	16QAM	50	0	16.44	16.56	16.38	18.20
20	16QAM	50	24	16.31	16.44	16.39	18.20
20	16QAM	50	50	16.46	16.56	16.40	18.20
20	16QAM	100	0	16.33	16.54	16.44	18.20
20	64QAM	1	0	16.42	16.58	16.45	18.20
20	64QAM	1	49	16.22	16.42	16.33	18.20
20	64QAM	1	99	16.39	16.56	16.43	18.20
20	64QAM	50	0	16.31	16.49	16.41	18.20
20	64QAM	50	24	16.38	16.56	16.45	18.20
20	64QAM	50	50	16.29	16.43	16.27	18.20
20	64QAM	100	0	16.24	16.45	16.32	18.20

20	256QAM	1	0	16.34	16.45	16.37	18.20
20	256QAM	1	49	16.37	16.58	16.47	18.20
20	256QAM	1	99	16.29	16.49	16.33	18.20
20	256QAM	50	0	16.40	16.49	16.40	18.20
20	256QAM	50	24	16.28	16.50	16.35	18.20
20	256QAM	50	50	16.38	16.55	16.48	18.20
20	256QAM	100	0	16.42	16.51	16.37	18.20
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	16.40	16.50	16.43	18.20
15	QPSK	1	37	16.36	16.42	16.36	18.20
15	QPSK	1	74	16.21	16.39	16.20	18.20
15	QPSK	36	0	16.41	16.49	16.48	18.20
15	QPSK	36	20	16.29	16.53	16.32	18.20
15	QPSK	36	39	16.43	16.54	16.47	18.20
15	QPSK	75	0	16.27	16.46	16.39	18.20
15	16QAM	1	0	16.26	16.39	16.32	18.20
15	16QAM	1	37	16.21	16.33	16.29	18.20
15	16QAM	1	74	16.20	16.43	16.31	18.20
15	16QAM	36	0	16.33	16.45	16.32	18.20
15	16QAM	36	20	16.28	16.41	16.33	18.20
15	16QAM	36	39	16.35	16.49	16.32	18.20
15	16QAM	75	0	16.21	16.45	16.39	18.20
15	64QAM	1	0	16.28	16.56	16.32	18.20
15	64QAM	1	37	16.21	16.36	16.29	18.20
15	64QAM	1	74	16.36	16.50	16.37	18.20
15	64QAM	36	0	16.25	16.45	16.39	18.20
15	64QAM	36	20	16.32	16.50	16.30	18.20
15	64QAM	36	39	16.27	16.38	16.20	18.20
15	64QAM	75	0	16.22	16.40	16.21	18.20
15	256QAM	1	0	16.23	16.37	16.22	18.20
15	256QAM	1	37	16.23	16.44	16.44	18.20
15	256QAM	1	74	16.23	16.40	16.27	18.20
15	256QAM	36	0	16.28	16.37	16.28	18.20
15	256QAM	36	20	16.20	16.44	16.33	18.20
15	256QAM	36	39	16.30	16.46	16.41	18.20
15	256QAM	75	0	16.30	16.44	16.27	18.20
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	16.51	16.57	16.46	18.20
10	QPSK	1	25	16.36	16.50	16.36	18.20
10	QPSK	1	49	16.22	16.34	16.21	18.20
10	QPSK	25	0	16.40	16.56	16.41	18.20
10	QPSK	25	12	16.29	16.45	16.38	18.20
10	QPSK	25	25	16.38	16.52	16.36	18.20
10	QPSK	50	0	16.25	16.41	16.29	18.20
10	16QAM	1	0	16.24	16.47	16.21	18.20
10	16QAM	1	25	16.22	16.35	16.22	18.20
10	16QAM	1	49	16.20	16.44	16.31	18.20
10	16QAM	25	0	16.34	16.54	16.31	18.20
10	16QAM	25	12	16.20	16.43	16.30	18.20
10	16QAM	25	25	16.42	16.42	16.39	18.20
10	16QAM	50	0	16.22	16.40	16.34	18.20
10	64QAM	1	0	16.38	16.44	16.37	18.20
10	64QAM	1	25	16.21	16.28	16.23	18.20
10	64QAM	1	49	16.29	16.48	16.42	18.20
10	64QAM	25	0	16.27	16.43	16.36	18.20
10	64QAM	25	12	16.34	16.49	16.39	18.20
10	64QAM	25	25	16.27	16.32	16.20	18.20
10	64QAM	50	0	16.20	16.32	16.20	18.20
10	256QAM	1	0	16.33	16.35	16.31	18.20
10	256QAM	1	25	16.30	16.52	16.46	18.20
10	256QAM	1	49	16.20	16.36	16.26	18.20
10	256QAM	25	0	16.27	16.43	16.30	18.20
10	256QAM	25	12	16.21	16.41	16.25	18.20
10	256QAM	25	25	16.33	16.45	16.44	18.20
10	256QAM	50	0	16.27	16.36	16.26	18.20
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	16.47	16.46	16.47	18.20
5	QPSK	1	12	16.34	16.48	16.34	18.20
5	QPSK	1	24	16.21	16.42	16.28	18.20
5	QPSK	12	0	16.48	16.54	16.49	18.20
5	QPSK	12	7	16.25	16.45	16.42	18.20
5	QPSK	12	13	16.33	16.51	16.48	18.20
5	QPSK	25	0	16.32	16.41	16.35	18.20
5	16QAM	1	0	16.20	16.37	16.32	18.20

5	16QAM	1	12	16.21	16.32	16.26	18.20
5	16QAM	1	24	16.21	16.40	16.20	18.20
5	16QAM	12	0	16.40	16.43	16.36	18.20
5	16QAM	12	7	16.26	16.35	16.34	18.20
5	16QAM	12	13	16.38	16.53	16.38	18.20
5	16QAM	25	0	16.23	16.42	16.29	18.20
5	64QAM	1	0	16.29	16.47	16.39	18.20
5	64QAM	1	12	16.20	16.30	16.22	18.20
5	64QAM	1	24	16.28	16.54	16.29	18.20
5	64QAM	12	0	16.25	16.38	16.34	18.20
5	64QAM	12	7	16.29	16.52	16.37	18.20
5	64QAM	12	13	16.20	16.40	16.20	18.20
5	64QAM	25	0	16.20	16.39	16.21	18.20
5	256QAM	1	0	16.22	16.44	16.22	18.20
5	256QAM	1	12	16.28	16.47	16.43	18.20
5	256QAM	1	24	16.20	16.39	16.30	18.20
5	256QAM	12	0	16.25	16.38	16.31	18.20
5	256QAM	12	7	16.20	16.39	16.22	18.20
5	256QAM	12	13	16.24	16.48	16.37	18.20
5	256QAM	25	0	16.38	16.40	16.30	18.20
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	16.42	16.45	16.49	18.20
3	QPSK	1	8	16.26	16.43	16.40	18.20
3	QPSK	1	14	16.20	16.41	16.20	18.20
3	QPSK	8	0	16.34	16.44	16.41	18.20
3	QPSK	8	4	16.27	16.47	16.38	18.20
3	QPSK	8	7	16.44	16.53	16.45	18.20
3	QPSK	15	0	16.21	16.43	16.28	18.20
3	16QAM	1	0	16.28	16.46	16.21	18.20
3	16QAM	1	8	16.22	16.35	16.25	18.20
3	16QAM	1	14	16.27	16.41	16.33	18.20
3	16QAM	8	0	16.42	16.45	16.29	18.20
3	16QAM	8	4	16.22	16.32	16.36	18.20
3	16QAM	8	7	16.35	16.53	16.26	18.20
3	16QAM	15	0	16.30	16.48	16.29	18.20
3	64QAM	1	0	16.36	16.54	16.43	18.20
3	64QAM	1	8	16.20	16.29	16.20	18.20
3	64QAM	1	14	16.29	16.43	16.41	18.20
3	64QAM	8	0	16.23	16.39	16.33	18.20
3	64QAM	8	4	16.24	16.48	16.36	18.20
3	64QAM	8	7	16.28	16.32	16.24	18.20
3	64QAM	15	0	16.22	16.35	16.20	18.20
3	256QAM	1	0	16.23	16.35	16.24	18.20
3	256QAM	1	8	16.36	16.52	16.35	18.20
3	256QAM	1	14	16.21	16.34	16.23	18.20
3	256QAM	8	0	16.27	16.36	16.38	18.20
3	256QAM	8	4	16.20	16.44	16.26	18.20
3	256QAM	8	7	16.34	16.49	16.42	18.20
3	256QAM	15	0	16.37	16.47	16.26	18.20
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	16.49	16.49	16.42	18.20
1.4	QPSK	1	3	16.35	16.52	16.33	18.20
1.4	QPSK	1	5	16.21	16.34	16.21	18.20
1.4	QPSK	3	0	16.45	16.45	16.44	18.20
1.4	QPSK	3	1	16.22	16.51	16.33	18.20
1.4	QPSK	3	3	16.40	16.54	16.43	18.20
1.4	QPSK	6	0	16.29	16.47	16.38	18.20
1.4	16QAM	1	0	16.29	16.37	16.32	18.20
1.4	16QAM	1	3	16.26	16.38	16.31	18.20
1.4	16QAM	1	5	16.20	16.40	16.20	18.20
1.4	16QAM	3	0	16.41	16.52	16.35	18.20
1.4	16QAM	3	1	16.20	16.38	16.37	18.20
1.4	16QAM	3	3	16.45	16.49	16.34	18.20
1.4	16QAM	6	0	16.25	16.46	16.36	18.20
1.4	64QAM	1	0	16.33	16.44	16.37	18.20
1.4	64QAM	1	3	16.20	16.37	16.24	18.20
1.4	64QAM	1	5	16.33	16.47	16.41	18.20
1.4	64QAM	3	0	16.22	16.38	16.29	18.20
1.4	64QAM	3	1	16.24	16.49	16.37	18.20
1.4	64QAM	3	3	16.20	16.34	16.20	18.20
1.4	64QAM	6	0	16.22	16.38	16.21	18.20
1.4	256QAM	1	0	16.23	16.34	16.34	18.20
1.4	256QAM	1	3	16.34	16.49	16.42	18.20
1.4	256QAM	1	5	16.26	16.39	16.24	18.20
1.4	256QAM	3	0	16.32	16.38	16.27	18.20

1.4	256QAM	3	1	16.21	16.39	16.29	18.20
1.4	256QAM	3	3	16.32	16.49	16.37	18.20
1.4	256QAM	6	0	16.39	16.37	16.35	18.20

【LTE Band 4_Ant 1_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	Tune-up limit (dBm)
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	21.06	21.15	21.11	22.10
20	QPSK	1	49	20.91	21.02	20.90	22.10
20	QPSK	1	99	21.01	21.11	21.04	22.10
20	QPSK	50	0	21.06	21.12	21.09	22.10
20	QPSK	50	24	20.81	21.04	20.97	22.10
20	QPSK	50	50	20.84	21.02	20.87	22.10
20	QPSK	100	0	20.86	21.09	21.02	22.10
20	16QAM	1	0	20.75	20.98	20.85	22.10
20	16QAM	1	49	20.88	21.08	20.94	22.10
20	16QAM	1	99	20.95	21.07	20.96	22.10
20	16QAM	50	0	20.89	21.02	20.85	22.10
20	16QAM	50	24	20.98	21.10	20.98	22.10
20	16QAM	50	50	20.89	21.09	20.90	22.10
20	16QAM	100	0	20.99	21.09	20.92	22.10
20	64QAM	1	0	21.02	21.13	21.08	22.10
20	64QAM	1	49	20.83	21.06	20.98	22.10
20	64QAM	1	99	20.98	21.11	20.98	22.10
20	64QAM	50	0	20.76	20.99	20.91	22.10
20	64QAM	50	24	20.85	20.98	20.84	22.10
20	64QAM	50	50	20.96	21.07	20.98	22.10
20	64QAM	100	0	20.98	21.10	20.99	22.10
20	256QAM	1	0	18.68	18.84	18.77	20.00
20	256QAM	1	49	18.66	18.82	18.75	20.00
20	256QAM	1	99	18.80	18.92	18.73	20.00
20	256QAM	50	0	18.58	18.73	18.57	20.00
20	256QAM	50	24	18.68	18.81	18.67	20.00
20	256QAM	50	50	18.56	18.74	18.57	20.00
20	256QAM	100	0	18.60	18.76	18.56	20.00
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	20.94	21.03	21.07	22.10
15	QPSK	1	37	20.90	20.93	20.89	22.10
15	QPSK	1	74	20.87	21.00	21.01	22.10
15	QPSK	36	0	21.04	21.08	20.98	22.10
15	QPSK	36	20	20.70	21.01	20.94	22.10
15	QPSK	36	39	20.78	21.01	20.83	22.10
15	QPSK	75	0	20.72	21.03	20.88	22.10
15	16QAM	1	0	20.73	20.92	20.83	22.10
15	16QAM	1	37	20.75	20.93	20.83	22.10
15	16QAM	1	74	20.94	20.95	20.92	22.10
15	16QAM	36	0	20.74	20.92	20.74	22.10
15	16QAM	36	20	20.89	21.03	20.95	22.10
15	16QAM	36	39	20.81	20.99	20.87	22.10
15	16QAM	75	0	20.96	21.00	20.86	22.10
15	64QAM	1	0	21.01	21.12	20.98	22.10
15	64QAM	1	37	20.80	21.02	20.93	22.10
15	64QAM	1	74	20.88	20.98	20.84	22.10
15	64QAM	36	0	20.74	20.97	20.83	22.10
15	64QAM	36	20	20.72	20.85	20.75	22.10
15	64QAM	36	39	20.93	21.03	20.90	22.10
15	64QAM	75	0	20.89	21.05	20.91	22.10
15	256QAM	1	0	18.63	18.81	18.67	20.00
15	256QAM	1	37	18.60	18.67	18.66	20.00
15	256QAM	1	74	18.78	18.80	18.66	20.00
15	256QAM	36	0	18.55	18.60	18.48	20.00
15	256QAM	36	20	18.60	18.71	18.53	20.00
15	256QAM	36	39	18.54	18.68	18.48	20.00
15	256QAM	75	0	18.46	18.64	18.41	20.00
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	21.01	21.04	20.99	22.10
10	QPSK	1	25	20.82	20.92	20.76	22.10
10	QPSK	1	49	20.94	21.04	20.97	22.10

10	QPSK	25	0	21.00	20.97	21.00	22.10
10	QPSK	25	12	20.68	21.01	20.95	22.10
10	QPSK	25	25	20.69	20.90	20.81	22.10
10	QPSK	50	0	20.82	21.05	20.87	22.10
10	16QAM	1	0	20.70	20.85	20.81	22.10
10	16QAM	1	25	20.86	20.97	20.89	22.10
10	16QAM	1	49	20.92	20.99	20.81	22.10
10	16QAM	25	0	20.88	20.99	20.71	22.10
10	16QAM	25	12	20.96	21.07	20.84	22.10
10	16QAM	25	25	20.87	21.01	20.81	22.10
10	16QAM	50	0	20.95	20.96	20.87	22.10
10	64QAM	1	0	21.01	21.06	21.01	22.10
10	64QAM	1	25	20.76	21.04	20.89	22.10
10	64QAM	1	49	20.92	20.96	20.94	22.10
10	64QAM	25	0	20.61	20.92	20.85	22.10
10	64QAM	25	12	20.80	20.89	20.73	22.10
10	64QAM	25	25	20.82	21.02	20.92	22.10
10	64QAM	50	0	20.95	21.08	20.95	22.10
10	256QAM	1	0	18.63	18.77	18.67	20.00
10	256QAM	1	25	18.56	18.79	18.64	20.00
10	256QAM	1	49	18.79	18.86	18.66	20.00
10	256QAM	25	0	18.56	18.64	18.42	20.00
10	256QAM	25	12	18.63	18.71	18.58	20.00
10	256QAM	25	25	18.43	18.64	18.49	20.00
10	256QAM	50	0	18.57	18.73	18.42	20.00
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	20.98	21.08	21.00	22.10
5	QPSK	1	12	20.86	20.93	20.85	22.10
5	QPSK	1	24	20.94	21.06	20.95	22.10
5	QPSK	12	0	20.95	21.07	21.05	22.10
5	QPSK	12	7	20.76	21.02	20.86	22.10
5	QPSK	12	13	20.78	20.98	20.76	22.10
5	QPSK	25	0	20.76	20.96	20.93	22.10
5	16QAM	1	0	20.64	20.90	20.73	22.10
5	16QAM	1	12	20.83	20.96	20.83	22.10
5	16QAM	1	24	20.90	21.02	20.86	22.10
5	16QAM	12	0	20.80	20.90	20.80	22.10
5	16QAM	12	7	20.90	21.05	20.95	22.10
5	16QAM	12	13	20.74	21.01	20.85	22.10
5	16QAM	25	0	20.91	20.96	20.84	22.10
5	64QAM	1	0	20.92	20.98	20.93	22.10
5	64QAM	1	12	20.76	20.97	20.96	22.10
5	64QAM	1	24	20.94	20.97	20.84	22.10
5	64QAM	12	0	20.62	20.95	20.86	22.10
5	64QAM	12	7	20.71	20.89	20.71	22.10
5	64QAM	12	13	20.92	20.93	20.88	22.10
5	64QAM	25	0	20.87	20.99	20.90	22.10
5	256QAM	1	0	18.55	18.74	18.74	20.00
5	256QAM	1	12	18.55	18.77	18.62	20.00
5	256QAM	1	24	18.66	18.79	18.58	20.00
5	256QAM	12	0	18.50	18.67	18.43	20.00
5	256QAM	12	7	18.61	18.76	18.62	20.00
5	256QAM	12	13	18.41	18.61	18.55	20.00
5	256QAM	25	0	18.54	18.62	18.43	20.00
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	20.96	21.07	20.99	22.10
3	QPSK	1	8	20.88	20.95	20.79	22.10
3	QPSK	1	14	20.87	21.09	20.96	22.10
3	QPSK	8	0	21.04	21.02	21.07	22.10
3	QPSK	8	4	20.68	20.96	20.83	22.10
3	QPSK	8	7	20.71	21.01	20.77	22.10
3	QPSK	15	0	20.82	20.99	20.89	22.10
3	16QAM	1	0	20.60	20.85	20.79	22.10
3	16QAM	1	8	20.74	21.01	20.83	22.10
3	16QAM	1	14	20.83	20.93	20.92	22.10
3	16QAM	8	0	20.88	20.90	20.73	22.10
3	16QAM	8	4	20.86	20.95	20.88	22.10
3	16QAM	8	7	20.77	21.02	20.79	22.10
3	16QAM	15	0	20.91	20.98	20.91	22.10
3	64QAM	1	0	20.92	21.00	21.01	22.10
3	64QAM	1	8	20.80	20.94	20.96	22.10
3	64QAM	1	14	20.93	21.08	20.87	22.10
3	64QAM	8	0	20.72	20.86	20.85	22.10
3	64QAM	8	4	20.75	20.95	20.70	22.10
3	64QAM	8	7	20.85	20.92	20.96	22.10

3	64QAM	15	0	20.91	20.97	20.88	22.10
3	256QAM	1	0	18.60	18.78	18.71	20.00
3	256QAM	1	8	18.63	18.74	18.67	20.00
3	256QAM	1	14	18.70	18.89	18.63	20.00
3	256QAM	8	0	18.45	18.66	18.49	20.00
3	256QAM	8	4	18.65	18.75	18.60	20.00
3	256QAM	8	7	18.46	18.62	18.54	20.00
3	256QAM	15	0	18.55	18.62	18.51	20.00
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	20.95	21.08	20.98	22.10
1.4	QPSK	1	3	20.83	20.96	20.88	22.10
1.4	QPSK	1	5	20.89	21.00	20.95	22.10
1.4	QPSK	3	0	21.03	21.07	21.08	22.10
1.4	QPSK	3	1	20.68	20.96	20.94	22.10
1.4	QPSK	3	3	20.75	20.99	20.85	22.10
1.4	QPSK	6	0	20.76	21.06	21.00	22.10
1.4	16QAM	1	0	20.68	20.84	20.82	22.10
1.4	16QAM	1	3	20.73	21.02	20.84	22.10
1.4	16QAM	1	5	20.88	20.95	20.86	22.10
1.4	16QAM	3	0	20.81	20.90	20.73	22.10
1.4	16QAM	3	1	20.91	21.05	20.86	22.10
1.4	16QAM	3	3	20.81	20.95	20.83	22.10
1.4	16QAM	6	0	20.90	20.96	20.83	22.10
1.4	64QAM	1	0	20.94	21.12	20.94	22.10
1.4	64QAM	1	3	20.76	20.95	20.85	22.10
1.4	64QAM	1	5	20.92	21.08	20.90	22.10
1.4	64QAM	3	0	20.73	20.97	20.79	22.10
1.4	64QAM	3	1	20.76	20.96	20.70	22.10
1.4	64QAM	3	3	20.85	21.02	20.93	22.10
1.4	64QAM	6	0	20.96	21.06	20.86	22.10
1.4	256QAM	1	0	18.60	18.82	18.70	20.00
1.4	256QAM	1	3	18.58	18.75	18.69	20.00
1.4	256QAM	1	5	18.77	18.83	18.68	20.00
1.4	256QAM	3	0	18.43	18.70	18.53	20.00
1.4	256QAM	3	1	18.67	18.72	18.65	20.00
1.4	256QAM	3	3	18.51	18.60	18.54	20.00
1.4	256QAM	6	0	18.52	18.63	18.48	20.00

【LTE Band 4_Ant 1_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	16.52	16.59	16.55	18.20
20	QPSK	1	49	16.40	16.56	16.44	18.20
20	QPSK	1	99	16.26	16.46	16.30	18.20
20	QPSK	50	0	16.49	16.58	16.53	18.20
20	QPSK	50	24	16.36	16.57	16.46	18.20
20	QPSK	50	50	16.48	16.57	16.51	18.20
20	QPSK	100	0	16.36	16.56	16.42	18.20
20	16QAM	1	0	16.33	16.51	16.35	18.20
20	16QAM	1	49	16.28	16.42	16.36	18.20
20	16QAM	1	99	16.28	16.46	16.34	18.20
20	16QAM	50	0	16.44	16.56	16.38	18.20
20	16QAM	50	24	16.31	16.44	16.39	18.20
20	16QAM	50	50	16.46	16.56	16.40	18.20
20	16QAM	100	0	16.33	16.54	16.44	18.20
20	64QAM	1	0	16.42	16.58	16.45	18.20
20	64QAM	1	49	16.22	16.42	16.33	18.20
20	64QAM	1	99	16.39	16.56	16.43	18.20
20	64QAM	50	0	16.31	16.49	16.41	18.20
20	64QAM	50	24	16.38	16.56	16.45	18.20
20	64QAM	50	50	16.29	16.43	16.27	18.20
20	64QAM	100	0	16.24	16.45	16.32	18.20
20	256QAM	1	0	16.34	16.45	16.37	18.20
20	256QAM	1	49	16.37	16.58	16.47	18.20
20	256QAM	1	99	16.29	16.49	16.33	18.20
20	256QAM	50	0	16.40	16.49	16.40	18.20
20	256QAM	50	24	16.28	16.50	16.35	18.20
20	256QAM	50	50	16.38	16.55	16.48	18.20
20	256QAM	100	0	16.42	16.51	16.37	18.20

Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	16.40	16.50	16.43	18.20
15	QPSK	1	37	16.36	16.42	16.36	18.20
15	QPSK	1	74	16.21	16.39	16.20	18.20
15	QPSK	36	0	16.41	16.49	16.48	18.20
15	QPSK	36	20	16.29	16.53	16.32	18.20
15	QPSK	36	39	16.43	16.54	16.47	18.20
15	QPSK	75	0	16.27	16.46	16.39	18.20
15	16QAM	1	0	16.26	16.39	16.32	18.20
15	16QAM	1	37	16.21	16.33	16.29	18.20
15	16QAM	1	74	16.20	16.43	16.31	18.20
15	16QAM	36	0	16.33	16.45	16.32	18.20
15	16QAM	36	20	16.28	16.41	16.33	18.20
15	16QAM	36	39	16.35	16.49	16.32	18.20
15	16QAM	75	0	16.21	16.45	16.39	18.20
15	64QAM	1	0	16.28	16.56	16.32	18.20
15	64QAM	1	37	16.21	16.36	16.29	18.20
15	64QAM	1	74	16.36	16.50	16.37	18.20
15	64QAM	36	0	16.25	16.45	16.39	18.20
15	64QAM	36	20	16.32	16.50	16.30	18.20
15	64QAM	36	39	16.27	16.38	16.20	18.20
15	64QAM	75	0	16.22	16.40	16.21	18.20
15	256QAM	1	0	16.23	16.37	16.22	18.20
15	256QAM	1	37	16.23	16.44	16.44	18.20
15	256QAM	1	74	16.23	16.40	16.27	18.20
15	256QAM	36	0	16.28	16.37	16.28	18.20
15	256QAM	36	20	16.20	16.44	16.33	18.20
15	256QAM	36	39	16.30	16.46	16.41	18.20
15	256QAM	75	0	16.30	16.44	16.27	18.20
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	16.51	16.57	16.46	18.20
10	QPSK	1	25	16.36	16.50	16.36	18.20
10	QPSK	1	49	16.22	16.34	16.21	18.20
10	QPSK	25	0	16.40	16.56	16.41	18.20
10	QPSK	25	12	16.29	16.45	16.38	18.20
10	QPSK	25	25	16.38	16.52	16.36	18.20
10	QPSK	50	0	16.25	16.41	16.29	18.20
10	16QAM	1	0	16.24	16.47	16.21	18.20
10	16QAM	1	25	16.22	16.35	16.22	18.20
10	16QAM	1	49	16.20	16.44	16.31	18.20
10	16QAM	25	0	16.34	16.54	16.31	18.20
10	16QAM	25	12	16.20	16.43	16.30	18.20
10	16QAM	25	25	16.42	16.42	16.39	18.20
10	16QAM	50	0	16.22	16.40	16.34	18.20
10	64QAM	1	0	16.38	16.44	16.37	18.20
10	64QAM	1	25	16.21	16.28	16.23	18.20
10	64QAM	1	49	16.29	16.48	16.42	18.20
10	64QAM	25	0	16.27	16.43	16.36	18.20
10	64QAM	25	12	16.34	16.49	16.39	18.20
10	64QAM	25	25	16.27	16.32	16.20	18.20
10	64QAM	50	0	16.20	16.32	16.20	18.20
10	256QAM	1	0	16.33	16.35	16.31	18.20
10	256QAM	1	25	16.30	16.52	16.46	18.20
10	256QAM	1	49	16.20	16.36	16.26	18.20
10	256QAM	25	0	16.27	16.43	16.30	18.20
10	256QAM	25	12	16.21	16.41	16.25	18.20
10	256QAM	25	25	16.33	16.45	16.44	18.20
10	256QAM	50	0	16.27	16.36	16.26	18.20
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	16.47	16.46	16.47	18.20
5	QPSK	1	12	16.34	16.48	16.34	18.20
5	QPSK	1	24	16.21	16.42	16.28	18.20
5	QPSK	12	0	16.48	16.54	16.49	18.20
5	QPSK	12	7	16.25	16.45	16.42	18.20
5	QPSK	12	13	16.33	16.51	16.48	18.20
5	QPSK	25	0	16.32	16.41	16.35	18.20
5	16QAM	1	0	16.20	16.37	16.32	18.20
5	16QAM	1	12	16.21	16.32	16.26	18.20
5	16QAM	1	24	16.21	16.40	16.20	18.20
5	16QAM	12	0	16.40	16.43	16.36	18.20
5	16QAM	12	7	16.26	16.35	16.34	18.20
5	16QAM	12	13	16.38	16.53	16.38	18.20
5	16QAM	25	0	16.23	16.42	16.29	18.20
5	64QAM	1	0	16.29	16.47	16.39	18.20

5	64QAM	1	12	16.20	16.30	16.22	18.20
5	64QAM	1	24	16.28	16.54	16.29	18.20
5	64QAM	12	0	16.25	16.38	16.34	18.20
5	64QAM	12	7	16.29	16.52	16.37	18.20
5	64QAM	12	13	16.20	16.40	16.20	18.20
5	64QAM	25	0	16.20	16.39	16.21	18.20
5	256QAM	1	0	16.22	16.44	16.22	18.20
5	256QAM	1	12	16.28	16.47	16.43	18.20
5	256QAM	1	24	16.20	16.39	16.30	18.20
5	256QAM	12	0	16.25	16.38	16.31	18.20
5	256QAM	12	7	16.20	16.39	16.22	18.20
5	256QAM	12	13	16.24	16.48	16.37	18.20
5	256QAM	25	0	16.38	16.40	16.30	18.20
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	16.42	16.45	16.49	18.20
3	QPSK	1	8	16.26	16.43	16.40	18.20
3	QPSK	1	14	16.20	16.41	16.20	18.20
3	QPSK	8	0	16.34	16.44	16.41	18.20
3	QPSK	8	4	16.27	16.47	16.38	18.20
3	QPSK	8	7	16.44	16.53	16.45	18.20
3	QPSK	15	0	16.21	16.43	16.28	18.20
3	16QAM	1	0	16.28	16.46	16.21	18.20
3	16QAM	1	8	16.22	16.35	16.25	18.20
3	16QAM	1	14	16.27	16.41	16.33	18.20
3	16QAM	8	0	16.42	16.45	16.29	18.20
3	16QAM	8	4	16.22	16.32	16.36	18.20
3	16QAM	8	7	16.35	16.53	16.26	18.20
3	16QAM	15	0	16.30	16.48	16.29	18.20
3	64QAM	1	0	16.36	16.54	16.43	18.20
3	64QAM	1	8	16.20	16.29	16.20	18.20
3	64QAM	1	14	16.29	16.43	16.41	18.20
3	64QAM	8	0	16.23	16.39	16.33	18.20
3	64QAM	8	4	16.24	16.48	16.36	18.20
3	64QAM	8	7	16.28	16.32	16.24	18.20
3	64QAM	15	0	16.22	16.35	16.20	18.20
3	256QAM	1	0	16.23	16.35	16.24	18.20
3	256QAM	1	8	16.36	16.52	16.35	18.20
3	256QAM	1	14	16.21	16.34	16.23	18.20
3	256QAM	8	0	16.27	16.36	16.38	18.20
3	256QAM	8	4	16.20	16.44	16.26	18.20
3	256QAM	8	7	16.34	16.49	16.42	18.20
3	256QAM	15	0	16.37	16.47	16.26	18.20
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	16.49	16.49	16.42	18.20
1.4	QPSK	1	3	16.35	16.52	16.33	18.20
1.4	QPSK	1	5	16.21	16.34	16.21	18.20
1.4	QPSK	3	0	16.45	16.45	16.44	18.20
1.4	QPSK	3	1	16.22	16.51	16.33	18.20
1.4	QPSK	3	3	16.40	16.54	16.43	18.20
1.4	QPSK	6	0	16.29	16.47	16.38	18.20
1.4	16QAM	1	0	16.29	16.37	16.32	18.20
1.4	16QAM	1	3	16.26	16.38	16.31	18.20
1.4	16QAM	1	5	16.20	16.40	16.20	18.20
1.4	16QAM	3	0	16.41	16.52	16.35	18.20
1.4	16QAM	3	1	16.20	16.38	16.37	18.20
1.4	16QAM	3	3	16.45	16.49	16.34	18.20
1.4	16QAM	6	0	16.25	16.46	16.36	18.20
1.4	64QAM	1	0	16.33	16.44	16.37	18.20
1.4	64QAM	1	3	16.20	16.37	16.24	18.20
1.4	64QAM	1	5	16.33	16.47	16.41	18.20
1.4	64QAM	3	0	16.22	16.38	16.29	18.20
1.4	64QAM	3	1	16.24	16.49	16.37	18.20
1.4	64QAM	3	3	16.20	16.34	16.20	18.20
1.4	64QAM	6	0	16.22	16.38	16.21	18.20
1.4	256QAM	1	0	16.23	16.34	16.34	18.20
1.4	256QAM	1	3	16.34	16.49	16.42	18.20
1.4	256QAM	1	5	16.26	16.39	16.24	18.20
1.4	256QAM	3	0	16.32	16.38	16.27	18.20
1.4	256QAM	3	1	16.21	16.39	16.29	18.20
1.4	256QAM	3	3	16.32	16.49	16.37	18.20
1.4	256QAM	6	0	16.39	16.37	16.35	18.20

【LTE Band 4_Ant 2_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	Tune-up limit (dBm)
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	22.62	22.89	22.56	24.00
20	QPSK	1	49	22.28	22.64	22.19	24.00
20	QPSK	1	99	22.42	22.79	22.39	24.00
20	QPSK	50	0	22.51	22.84	22.40	24.00
20	QPSK	50	24	22.49	22.81	22.39	24.00
20	QPSK	50	50	22.36	22.74	22.39	24.00
20	QPSK	100	0	22.46	22.76	22.35	24.00
20	16QAM	1	0	22.46	22.85	22.51	24.00
20	16QAM	1	49	22.47	22.82	22.44	24.00
20	16QAM	1	99	22.50	22.88	22.42	24.00
20	16QAM	50	0	21.87	22.26	21.93	23.50
20	16QAM	50	24	21.91	22.24	21.86	23.50
20	16QAM	50	50	21.96	22.31	21.87	23.50
20	16QAM	100	0	21.95	22.25	21.79	23.50
20	64QAM	1	0	22.00	22.40	21.94	23.50
20	64QAM	1	49	22.04	22.38	21.92	23.50
20	64QAM	1	99	22.01	22.37	22.00	23.50
20	64QAM	50	0	20.91	21.30	20.94	22.50
20	64QAM	50	24	21.03	21.36	20.94	22.50
20	64QAM	50	50	20.86	21.21	20.78	22.50
20	64QAM	100	0	20.89	21.29	20.94	22.50
20	256QAM	1	0	18.97	19.34	19.02	20.00
20	256QAM	1	49	19.11	19.41	19.00	20.00
20	256QAM	1	99	19.01	19.37	19.04	20.00
20	256QAM	50	0	18.91	19.22	18.91	20.00
20	256QAM	50	24	18.85	19.19	18.81	20.00
20	256QAM	50	50	18.89	19.22	18.88	20.00
20	256QAM	100	0	18.88	19.20	18.86	20.00
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	22.59	22.87	22.44	24.00
15	QPSK	1	37	22.20	22.50	22.11	24.00
15	QPSK	1	74	22.40	22.77	22.32	24.00
15	QPSK	36	0	22.44	22.70	22.26	24.00
15	QPSK	36	20	22.43	22.80	22.37	24.00
15	QPSK	36	39	22.21	22.65	22.25	24.00
15	QPSK	75	0	22.43	22.73	22.27	24.00
15	16QAM	1	0	22.37	22.79	22.43	24.00
15	16QAM	1	37	22.37	22.67	22.36	24.00
15	16QAM	1	74	22.46	22.79	22.29	24.00
15	16QAM	36	0	21.77	22.19	21.78	23.50
15	16QAM	36	20	21.84	22.11	21.82	23.50
15	16QAM	36	39	21.85	22.22	21.81	23.50
15	16QAM	75	0	21.88	22.17	21.65	23.50
15	64QAM	1	0	21.98	22.36	21.90	23.50
15	64QAM	1	37	22.01	22.25	21.82	23.50
15	64QAM	1	74	21.99	22.33	21.88	23.50
15	64QAM	36	0	20.86	21.22	20.93	22.50
15	64QAM	36	20	20.95	21.21	20.86	22.50
15	64QAM	36	39	20.83	21.16	20.65	22.50
15	64QAM	75	0	20.84	21.18	20.80	22.50
15	256QAM	1	0	18.94	19.24	18.94	20.00
15	256QAM	1	37	19.07	19.27	18.97	20.00
15	256QAM	1	74	18.95	19.34	19.02	20.00
15	256QAM	36	0	18.78	19.17	18.80	20.00
15	256QAM	36	20	18.83	19.17	18.75	20.00
15	256QAM	36	39	18.78	19.07	18.83	20.00
15	256QAM	75	0	18.74	19.18	18.80	20.00
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	22.50	22.79	22.42	24.00
10	QPSK	1	25	22.25	22.56	22.08	24.00
10	QPSK	1	49	22.29	22.69	22.37	24.00
10	QPSK	25	0	22.38	22.76	22.36	24.00
10	QPSK	25	12	22.43	22.71	22.36	24.00
10	QPSK	25	25	22.29	22.63	22.33	24.00
10	QPSK	50	0	22.31	22.71	22.32	24.00
10	16QAM	1	0	22.37	22.82	22.39	24.00
10	16QAM	1	25	22.33	22.72	22.34	24.00
10	16QAM	1	49	22.40	22.79	22.33	24.00

10	16QAM	25	0	21.75	22.21	21.92	23.50
10	16QAM	25	12	21.85	22.17	21.76	23.50
10	16QAM	25	25	21.90	22.26	21.80	23.50
10	16QAM	50	0	21.84	22.10	21.70	23.50
10	64QAM	1	0	21.93	22.36	21.81	23.50
10	64QAM	1	25	21.94	22.33	21.89	23.50
10	64QAM	1	49	21.91	22.28	21.87	23.50
10	64QAM	25	0	20.81	21.23	20.87	22.50
10	64QAM	25	12	21.01	21.32	20.85	22.50
10	64QAM	25	25	20.77	21.11	20.65	22.50
10	64QAM	50	0	20.81	21.19	20.88	22.50
10	256QAM	1	0	18.83	19.31	18.99	20.00
10	256QAM	1	25	19.02	19.27	18.98	20.00
10	256QAM	1	49	18.95	19.29	19.02	20.00
10	256QAM	25	0	18.83	19.08	18.84	20.00
10	256QAM	25	12	18.76	19.16	18.66	20.00
10	256QAM	25	25	18.85	19.08	18.78	20.00
10	256QAM	50	0	18.87	19.13	18.71	20.00
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	22.49	22.85	22.46	24.00
5	QPSK	1	12	22.19	22.62	22.06	24.00
5	QPSK	1	24	22.31	22.71	22.25	24.00
5	QPSK	12	0	22.40	22.77	22.27	24.00
5	QPSK	12	7	22.38	22.70	22.32	24.00
5	QPSK	12	13	22.23	22.71	22.33	24.00
5	QPSK	25	0	22.32	22.62	22.22	24.00
5	16QAM	1	0	22.39	22.72	22.42	24.00
5	16QAM	1	12	22.42	22.79	22.37	24.00
5	16QAM	1	24	22.48	22.78	22.37	24.00
5	16QAM	12	0	21.74	22.14	21.88	23.50
5	16QAM	12	7	21.80	22.10	21.74	23.50
5	16QAM	12	13	21.92	22.19	21.75	23.50
5	16QAM	25	0	21.87	22.23	21.77	23.50
5	64QAM	1	0	21.99	22.37	21.80	23.50
5	64QAM	1	12	22.01	22.33	21.87	23.50
5	64QAM	1	24	21.89	22.28	21.88	23.50
5	64QAM	12	0	20.89	21.24	20.83	22.50
5	64QAM	12	7	20.94	21.27	20.87	22.50
5	64QAM	12	13	20.80	21.11	20.70	22.50
5	64QAM	25	0	20.82	21.16	20.90	22.50
5	256QAM	1	0	18.84	19.33	18.98	20.00
5	256QAM	1	12	18.98	19.27	18.97	20.00
5	256QAM	1	24	18.92	19.24	18.94	20.00
5	256QAM	12	0	18.82	19.15	18.80	20.00
5	256QAM	12	7	18.70	19.11	18.66	20.00
5	256QAM	12	13	18.77	19.09	18.82	20.00
5	256QAM	25	0	18.76	19.10	18.79	20.00
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	22.50	22.85	22.50	24.00
3	QPSK	1	8	22.17	22.58	22.11	24.00
3	QPSK	1	14	22.40	22.76	22.25	24.00
3	QPSK	8	0	22.38	22.82	22.33	24.00
3	QPSK	8	4	22.34	22.73	22.33	24.00
3	QPSK	8	7	22.29	22.68	22.31	24.00
3	QPSK	15	0	22.44	22.61	22.30	24.00
3	16QAM	1	0	22.35	22.77	22.47	24.00
3	16QAM	1	8	22.34	22.74	22.41	24.00
3	16QAM	1	14	22.46	22.76	22.37	24.00
3	16QAM	8	0	21.77	22.20	21.89	23.50
3	16QAM	8	4	21.89	22.13	21.76	23.50
3	16QAM	8	7	21.92	22.24	21.84	23.50
3	16QAM	15	0	21.83	22.20	21.65	23.50
3	64QAM	1	0	21.89	22.33	21.90	23.50
3	64QAM	1	8	21.92	22.26	21.81	23.50
3	64QAM	1	14	21.98	22.29	21.93	23.50
3	64QAM	8	0	20.83	21.21	20.88	22.50
3	64QAM	8	4	21.01	21.25	20.91	22.50
3	64QAM	8	7	20.81	21.07	20.71	22.50
3	64QAM	15	0	20.84	21.24	20.83	22.50
3	256QAM	1	0	18.92	19.29	19.00	20.00
3	256QAM	1	8	19.09	19.32	18.87	20.00
3	256QAM	1	14	18.97	19.29	18.96	20.00
3	256QAM	8	0	18.82	19.13	18.82	20.00
3	256QAM	8	4	18.77	19.18	18.76	20.00
3	256QAM	8	7	18.84	19.14	18.85	20.00

3	256QAM	15	0	18.74	19.11	18.83	20.00
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	22.53	22.85	22.50	24.00
1.4	QPSK	1	3	22.23	22.53	22.16	24.00
1.4	QPSK	1	5	22.35	22.71	22.25	24.00
1.4	QPSK	3	0	22.45	22.78	22.32	24.00
1.4	QPSK	3	1	22.38	22.71	22.36	24.00
1.4	QPSK	3	3	22.28	22.62	22.29	24.00
1.4	QPSK	6	0	22.39	22.73	22.33	24.00
1.4	16QAM	1	0	22.38	22.73	22.37	24.00
1.4	16QAM	1	3	22.39	22.74	22.38	24.00
1.4	16QAM	1	5	22.36	22.85	22.28	24.00
1.4	16QAM	3	0	21.80	22.20	21.89	23.50
1.4	16QAM	3	1	21.79	22.09	21.80	23.50
1.4	16QAM	3	3	21.91	22.30	21.76	23.50
1.4	16QAM	6	0	21.89	22.22	21.69	23.50
1.4	64QAM	1	0	21.98	22.30	21.93	23.50
1.4	64QAM	1	3	21.93	22.31	21.80	23.50
1.4	64QAM	1	5	21.93	22.33	21.94	23.50
1.4	64QAM	3	0	20.77	21.22	20.85	22.50
1.4	64QAM	3	1	21.01	21.24	20.87	22.50
1.4	64QAM	3	3	20.75	21.07	20.72	22.50
1.4	64QAM	6	0	20.83	21.16	20.80	22.50
1.4	256QAM	1	0	18.94	19.24	18.95	20.00
1.4	256QAM	1	3	19.10	19.29	18.88	20.00
1.4	256QAM	1	5	18.93	19.26	19.00	20.00
1.4	256QAM	3	0	18.80	19.17	18.81	20.00
1.4	256QAM	3	1	18.81	19.14	18.76	20.00
1.4	256QAM	3	3	18.74	19.20	18.85	20.00
1.4	256QAM	6	0	18.81	19.18	18.81	20.00

【LTE Band 4_Ant 2_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	Tune-up limit (dBm)
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	22.62	22.89	22.56	24.00
20	QPSK	1	49	22.28	22.64	22.19	24.00
20	QPSK	1	99	22.42	22.79	22.39	24.00
20	QPSK	50	0	22.51	22.84	22.40	24.00
20	QPSK	50	24	22.49	22.81	22.39	24.00
20	QPSK	50	50	22.36	22.74	22.39	24.00
20	QPSK	100	0	22.46	22.76	22.35	24.00
20	16QAM	1	0	22.46	22.85	22.51	24.00
20	16QAM	1	49	22.47	22.82	22.44	24.00
20	16QAM	1	99	22.50	22.88	22.42	24.00
20	16QAM	50	0	21.87	22.26	21.93	23.50
20	16QAM	50	24	21.91	22.24	21.86	23.50
20	16QAM	50	50	21.96	22.31	21.87	23.50
20	16QAM	100	0	21.95	22.25	21.79	23.50
20	64QAM	1	0	22.00	22.40	21.94	23.50
20	64QAM	1	49	22.04	22.38	21.92	23.50
20	64QAM	1	99	22.01	22.37	22.00	23.50
20	64QAM	50	0	20.91	21.30	20.94	22.50
20	64QAM	50	24	21.03	21.36	20.94	22.50
20	64QAM	50	50	20.86	21.21	20.78	22.50
20	64QAM	100	0	20.89	21.29	20.94	22.50
20	256QAM	1	0	18.97	19.34	19.02	20.00
20	256QAM	1	49	19.11	19.41	19.00	20.00
20	256QAM	1	99	19.01	19.37	19.04	20.00
20	256QAM	50	0	18.91	19.22	18.91	20.00
20	256QAM	50	24	18.85	19.19	18.81	20.00
20	256QAM	50	50	18.89	19.22	18.88	20.00
20	256QAM	100	0	18.88	19.20	18.86	20.00
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	22.59	22.87	22.44	24.00
15	QPSK	1	37	22.20	22.50	22.11	24.00
15	QPSK	1	74	22.40	22.77	22.32	24.00
15	QPSK	36	0	22.44	22.70	22.26	24.00
15	QPSK	36	20	22.43	22.80	22.37	24.00

15	QPSK	36	39	22.21	22.65	22.25	24.00
15	QPSK	75	0	22.43	22.73	22.27	24.00
15	16QAM	1	0	22.37	22.79	22.43	24.00
15	16QAM	1	37	22.37	22.67	22.36	24.00
15	16QAM	1	74	22.46	22.79	22.29	24.00
15	16QAM	36	0	21.77	22.19	21.78	23.50
15	16QAM	36	20	21.84	22.11	21.82	23.50
15	16QAM	36	39	21.85	22.22	21.81	23.50
15	16QAM	75	0	21.88	22.17	21.65	23.50
15	64QAM	1	0	21.98	22.36	21.90	23.50
15	64QAM	1	37	22.01	22.25	21.82	23.50
15	64QAM	1	74	21.99	22.33	21.88	23.50
15	64QAM	36	0	20.86	21.22	20.93	22.50
15	64QAM	36	20	20.95	21.21	20.86	22.50
15	64QAM	36	39	20.83	21.16	20.65	22.50
15	64QAM	75	0	20.84	21.18	20.80	22.50
15	256QAM	1	0	18.94	19.24	18.94	20.00
15	256QAM	1	37	19.07	19.27	18.97	20.00
15	256QAM	1	74	18.95	19.34	19.02	20.00
15	256QAM	36	0	18.78	19.17	18.80	20.00
15	256QAM	36	20	18.83	19.17	18.75	20.00
15	256QAM	36	39	18.78	19.07	18.83	20.00
15	256QAM	75	0	18.74	19.18	18.80	20.00
Channel				20000	20175	20350	Tune-up limit
Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	22.50	22.79	22.42	24.00
10	QPSK	1	25	22.25	22.56	22.08	24.00
10	QPSK	1	49	22.29	22.69	22.37	24.00
10	QPSK	25	0	22.38	22.76	22.36	24.00
10	QPSK	25	12	22.43	22.71	22.36	24.00
10	QPSK	25	25	22.29	22.63	22.33	24.00
10	QPSK	50	0	22.31	22.71	22.32	24.00
10	16QAM	1	0	22.37	22.82	22.39	24.00
10	16QAM	1	25	22.33	22.72	22.34	24.00
10	16QAM	1	49	22.40	22.79	22.33	24.00
10	16QAM	25	0	21.75	22.21	21.92	23.50
10	16QAM	25	12	21.85	22.17	21.76	23.50
10	16QAM	25	25	21.90	22.26	21.80	23.50
10	16QAM	50	0	21.84	22.10	21.70	23.50
10	64QAM	1	0	21.93	22.36	21.81	23.50
10	64QAM	1	25	21.94	22.33	21.89	23.50
10	64QAM	1	49	21.91	22.28	21.87	23.50
10	64QAM	25	0	20.81	21.23	20.87	22.50
10	64QAM	25	12	21.01	21.32	20.85	22.50
10	64QAM	25	25	20.77	21.11	20.65	22.50
10	64QAM	50	0	20.81	21.19	20.88	22.50
10	256QAM	1	0	18.83	19.31	18.99	20.00
10	256QAM	1	25	19.02	19.27	18.98	20.00
10	256QAM	1	49	18.95	19.29	19.02	20.00
10	256QAM	25	0	18.83	19.08	18.84	20.00
10	256QAM	25	12	18.76	19.16	18.66	20.00
10	256QAM	25	25	18.85	19.08	18.78	20.00
10	256QAM	50	0	18.87	19.13	18.71	20.00
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	22.49	22.85	22.46	24.00
5	QPSK	1	12	22.19	22.62	22.06	24.00
5	QPSK	1	24	22.31	22.71	22.25	24.00
5	QPSK	12	0	22.40	22.77	22.27	24.00
5	QPSK	12	7	22.38	22.70	22.32	24.00
5	QPSK	12	13	22.23	22.71	22.33	24.00
5	QPSK	25	0	22.32	22.62	22.22	24.00
5	16QAM	1	0	22.39	22.72	22.42	24.00
5	16QAM	1	12	22.42	22.79	22.37	24.00
5	16QAM	1	24	22.48	22.78	22.37	24.00
5	16QAM	12	0	21.74	22.14	21.88	23.50
5	16QAM	12	7	21.80	22.10	21.74	23.50
5	16QAM	12	13	21.92	22.19	21.75	23.50
5	16QAM	25	0	21.87	22.23	21.77	23.50
5	64QAM	1	0	21.99	22.37	21.80	23.50
5	64QAM	1	12	22.01	22.33	21.87	23.50
5	64QAM	1	24	21.89	22.28	21.88	23.50
5	64QAM	12	0	20.89	21.24	20.83	22.50
5	64QAM	12	7	20.94	21.27	20.87	22.50
5	64QAM	12	13	20.80	21.11	20.70	22.50
5	64QAM	25	0	20.82	21.16	20.90	22.50
5	256QAM	1	0	18.84	19.33	18.98	20.00

5	256QAM	1	12	18.98	19.27	18.97	20.00
5	256QAM	1	24	18.92	19.24	18.94	20.00
5	256QAM	12	0	18.82	19.15	18.80	20.00
5	256QAM	12	7	18.70	19.11	18.66	20.00
5	256QAM	12	13	18.77	19.09	18.82	20.00
5	256QAM	25	0	18.76	19.10	18.79	20.00
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	22.50	22.85	22.50	24.00
3	QPSK	1	8	22.17	22.58	22.11	24.00
3	QPSK	1	14	22.40	22.76	22.25	24.00
3	QPSK	8	0	22.38	22.82	22.33	24.00
3	QPSK	8	4	22.34	22.73	22.33	24.00
3	QPSK	8	7	22.29	22.68	22.31	24.00
3	QPSK	15	0	22.44	22.61	22.30	24.00
3	16QAM	1	0	22.35	22.77	22.47	24.00
3	16QAM	1	8	22.34	22.74	22.41	24.00
3	16QAM	1	14	22.46	22.76	22.37	24.00
3	16QAM	8	0	21.77	22.20	21.89	23.50
3	16QAM	8	4	21.89	22.13	21.76	23.50
3	16QAM	8	7	21.92	22.24	21.84	23.50
3	16QAM	15	0	21.83	22.20	21.65	23.50
3	64QAM	1	0	21.89	22.33	21.90	23.50
3	64QAM	1	8	21.92	22.26	21.81	23.50
3	64QAM	1	14	21.98	22.29	21.93	23.50
3	64QAM	8	0	20.83	21.21	20.88	22.50
3	64QAM	8	4	21.01	21.25	20.91	22.50
3	64QAM	8	7	20.81	21.07	20.71	22.50
3	64QAM	15	0	20.84	21.24	20.83	22.50
3	256QAM	1	0	18.92	19.29	19.00	20.00
3	256QAM	1	8	19.09	19.32	18.87	20.00
3	256QAM	1	14	18.97	19.29	18.96	20.00
3	256QAM	8	0	18.82	19.13	18.82	20.00
3	256QAM	8	4	18.77	19.18	18.76	20.00
3	256QAM	8	7	18.84	19.14	18.85	20.00
3	256QAM	15	0	18.74	19.11	18.83	20.00
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	22.53	22.85	22.50	24.00
1.4	QPSK	1	3	22.23	22.53	22.16	24.00
1.4	QPSK	1	5	22.35	22.71	22.25	24.00
1.4	QPSK	3	0	22.45	22.78	22.32	24.00
1.4	QPSK	3	1	22.38	22.71	22.36	24.00
1.4	QPSK	3	3	22.28	22.62	22.29	24.00
1.4	QPSK	6	0	22.39	22.73	22.33	24.00
1.4	16QAM	1	0	22.38	22.73	22.37	24.00
1.4	16QAM	1	3	22.39	22.74	22.38	24.00
1.4	16QAM	1	5	22.36	22.85	22.28	24.00
1.4	16QAM	3	0	21.80	22.20	21.89	23.50
1.4	16QAM	3	1	21.79	22.09	21.80	23.50
1.4	16QAM	3	3	21.91	22.30	21.76	23.50
1.4	16QAM	6	0	21.89	22.22	21.69	23.50
1.4	64QAM	1	0	21.98	22.30	21.93	23.50
1.4	64QAM	1	3	21.93	22.31	21.80	23.50
1.4	64QAM	1	5	21.93	22.33	21.94	23.50
1.4	64QAM	3	0	20.77	21.22	20.85	22.50
1.4	64QAM	3	1	21.01	21.24	20.87	22.50
1.4	64QAM	3	3	20.75	21.07	20.72	22.50
1.4	64QAM	6	0	20.83	21.16	20.80	22.50
1.4	256QAM	1	0	18.94	19.24	18.95	20.00
1.4	256QAM	1	3	19.10	19.29	18.88	20.00
1.4	256QAM	1	5	18.93	19.26	19.00	20.00
1.4	256QAM	3	0	18.80	19.17	18.81	20.00
1.4	256QAM	3	1	18.81	19.14	18.76	20.00
1.4	256QAM	3	3	18.74	19.20	18.85	20.00
1.4	256QAM	6	0	18.81	19.18	18.81	20.00

【LTE Band 4_Ant 2_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	

20	QPSK	1	0	22.62	22.89	22.56	24.00
20	QPSK	1	49	22.28	22.64	22.19	24.00
20	QPSK	1	99	22.42	22.79	22.39	24.00
20	QPSK	50	0	22.51	22.84	22.40	24.00
20	QPSK	50	24	22.49	22.81	22.39	24.00
20	QPSK	50	50	22.36	22.74	22.39	24.00
20	QPSK	100	0	22.46	22.76	22.35	24.00
20	16QAM	1	0	22.46	22.85	22.51	24.00
20	16QAM	1	49	22.47	22.82	22.44	24.00
20	16QAM	1	99	22.50	22.88	22.42	24.00
20	16QAM	50	0	21.87	22.26	21.93	23.50
20	16QAM	50	24	21.91	22.24	21.86	23.50
20	16QAM	50	50	21.96	22.31	21.87	23.50
20	16QAM	100	0	21.95	22.25	21.79	23.50
20	64QAM	1	0	22.00	22.40	21.94	23.50
20	64QAM	1	49	22.04	22.38	21.92	23.50
20	64QAM	1	99	22.01	22.37	22.00	23.50
20	64QAM	50	0	20.91	21.30	20.94	22.50
20	64QAM	50	24	21.03	21.36	20.94	22.50
20	64QAM	50	50	20.86	21.21	20.78	22.50
20	64QAM	100	0	20.89	21.29	20.94	22.50
20	256QAM	1	0	18.97	19.34	19.02	20.00
20	256QAM	1	49	19.11	19.41	19.00	20.00
20	256QAM	1	99	19.01	19.37	19.04	20.00
20	256QAM	50	0	18.91	19.22	18.91	20.00
20	256QAM	50	24	18.85	19.19	18.81	20.00
20	256QAM	50	50	18.89	19.22	18.88	20.00
20	256QAM	100	0	18.88	19.20	18.86	20.00
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	22.59	22.87	22.44	24.00
15	QPSK	1	37	22.20	22.50	22.11	24.00
15	QPSK	1	74	22.40	22.77	22.32	24.00
15	QPSK	36	0	22.44	22.70	22.26	24.00
15	QPSK	36	20	22.43	22.80	22.37	24.00
15	QPSK	36	39	22.21	22.65	22.25	24.00
15	QPSK	75	0	22.43	22.73	22.27	24.00
15	16QAM	1	0	22.37	22.79	22.43	24.00
15	16QAM	1	37	22.37	22.67	22.36	24.00
15	16QAM	1	74	22.46	22.79	22.29	24.00
15	16QAM	36	0	21.77	22.19	21.78	23.50
15	16QAM	36	20	21.84	22.11	21.82	23.50
15	16QAM	36	39	21.85	22.22	21.81	23.50
15	16QAM	75	0	21.88	22.17	21.65	23.50
15	64QAM	1	0	21.98	22.36	21.90	23.50
15	64QAM	1	37	22.01	22.25	21.82	23.50
15	64QAM	1	74	21.99	22.33	21.88	23.50
15	64QAM	36	0	20.86	21.22	20.93	22.50
15	64QAM	36	20	20.95	21.21	20.86	22.50
15	64QAM	36	39	20.83	21.16	20.65	22.50
15	64QAM	75	0	20.84	21.18	20.80	22.50
15	256QAM	1	0	18.94	19.24	18.94	20.00
15	256QAM	1	37	19.07	19.27	18.97	20.00
15	256QAM	1	74	18.95	19.34	19.02	20.00
15	256QAM	36	0	18.78	19.17	18.80	20.00
15	256QAM	36	20	18.83	19.17	18.75	20.00
15	256QAM	36	39	18.78	19.07	18.83	20.00
15	256QAM	75	0	18.74	19.18	18.80	20.00
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	22.50	22.79	22.42	24.00
10	QPSK	1	25	22.25	22.56	22.08	24.00
10	QPSK	1	49	22.29	22.69	22.37	24.00
10	QPSK	25	0	22.38	22.76	22.36	24.00
10	QPSK	25	12	22.43	22.71	22.36	24.00
10	QPSK	25	25	22.29	22.63	22.33	24.00
10	QPSK	50	0	22.31	22.71	22.32	24.00
10	16QAM	1	0	22.37	22.82	22.39	24.00
10	16QAM	1	25	22.33	22.72	22.34	24.00
10	16QAM	1	49	22.40	22.79	22.33	24.00
10	16QAM	25	0	21.75	22.21	21.92	23.50
10	16QAM	25	12	21.85	22.17	21.76	23.50
10	16QAM	25	25	21.90	22.26	21.80	23.50
10	16QAM	50	0	21.84	22.10	21.70	23.50
10	64QAM	1	0	21.93	22.36	21.81	23.50
10	64QAM	1	25	21.94	22.33	21.89	23.50
10	64QAM	1	49	21.91	22.28	21.87	23.50

10	64QAM	25	0	20.81	21.23	20.87	22.50
10	64QAM	25	12	21.01	21.32	20.85	22.50
10	64QAM	25	25	20.77	21.11	20.65	22.50
10	64QAM	50	0	20.81	21.19	20.88	22.50
10	256QAM	1	0	18.83	19.31	18.99	20.00
10	256QAM	1	25	19.02	19.27	18.98	20.00
10	256QAM	1	49	18.95	19.29	19.02	20.00
10	256QAM	25	0	18.83	19.08	18.84	20.00
10	256QAM	25	12	18.76	19.16	18.66	20.00
10	256QAM	25	25	18.85	19.08	18.78	20.00
10	256QAM	50	0	18.87	19.13	18.71	20.00
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	22.49	22.85	22.46	24.00
5	QPSK	1	12	22.19	22.62	22.06	24.00
5	QPSK	1	24	22.31	22.71	22.25	24.00
5	QPSK	12	0	22.40	22.77	22.27	24.00
5	QPSK	12	7	22.38	22.70	22.32	24.00
5	QPSK	12	13	22.23	22.71	22.33	24.00
5	QPSK	25	0	22.32	22.62	22.22	24.00
5	16QAM	1	0	22.39	22.72	22.42	24.00
5	16QAM	1	12	22.42	22.79	22.37	24.00
5	16QAM	1	24	22.48	22.78	22.37	24.00
5	16QAM	12	0	21.74	22.14	21.88	23.50
5	16QAM	12	7	21.80	22.10	21.74	23.50
5	16QAM	12	13	21.92	22.19	21.75	23.50
5	16QAM	25	0	21.87	22.23	21.77	23.50
5	64QAM	1	0	21.99	22.37	21.80	23.50
5	64QAM	1	12	22.01	22.33	21.87	23.50
5	64QAM	1	24	21.89	22.28	21.88	23.50
5	64QAM	12	0	20.89	21.24	20.83	22.50
5	64QAM	12	7	20.94	21.27	20.87	22.50
5	64QAM	12	13	20.80	21.11	20.70	22.50
5	64QAM	25	0	20.82	21.16	20.90	22.50
5	256QAM	1	0	18.84	19.33	18.98	20.00
5	256QAM	1	12	18.98	19.27	18.97	20.00
5	256QAM	1	24	18.92	19.24	18.94	20.00
5	256QAM	12	0	18.82	19.15	18.80	20.00
5	256QAM	12	7	18.70	19.11	18.66	20.00
5	256QAM	12	13	18.77	19.09	18.82	20.00
5	256QAM	25	0	18.76	19.10	18.79	20.00
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	22.50	22.85	22.50	24.00
3	QPSK	1	8	22.17	22.58	22.11	24.00
3	QPSK	1	14	22.40	22.76	22.25	24.00
3	QPSK	8	0	22.38	22.82	22.33	24.00
3	QPSK	8	4	22.34	22.73	22.33	24.00
3	QPSK	8	7	22.29	22.68	22.31	24.00
3	QPSK	15	0	22.44	22.61	22.30	24.00
3	16QAM	1	0	22.35	22.77	22.47	24.00
3	16QAM	1	8	22.34	22.74	22.41	24.00
3	16QAM	1	14	22.46	22.76	22.37	24.00
3	16QAM	8	0	21.77	22.20	21.89	23.50
3	16QAM	8	4	21.89	22.13	21.76	23.50
3	16QAM	8	7	21.92	22.24	21.84	23.50
3	16QAM	15	0	21.83	22.20	21.65	23.50
3	64QAM	1	0	21.89	22.33	21.90	23.50
3	64QAM	1	8	21.92	22.26	21.81	23.50
3	64QAM	1	14	21.98	22.29	21.93	23.50
3	64QAM	8	0	20.83	21.21	20.88	22.50
3	64QAM	8	4	21.01	21.25	20.91	22.50
3	64QAM	8	7	20.81	21.07	20.71	22.50
3	64QAM	15	0	20.84	21.24	20.83	22.50
3	256QAM	1	0	18.92	19.29	19.00	20.00
3	256QAM	1	8	19.09	19.32	18.87	20.00
3	256QAM	1	14	18.97	19.29	18.96	20.00
3	256QAM	8	0	18.82	19.13	18.82	20.00
3	256QAM	8	4	18.77	19.18	18.76	20.00
3	256QAM	8	7	18.84	19.14	18.85	20.00
3	256QAM	15	0	18.74	19.11	18.83	20.00
Channel				19957	20175	20393	Tune-up limit
Frequency (MHz)				1710.7	1732.5	1754.3	(dBm)
1.4	QPSK	1	0	22.53	22.85	22.50	24.00
1.4	QPSK	1	3	22.23	22.53	22.16	24.00
1.4	QPSK	1	5	22.35	22.71	22.25	24.00
1.4	QPSK	3	0	22.45	22.78	22.32	24.00

1.4	QPSK	3	1	22.38	22.71	22.36	24.00
1.4	QPSK	3	3	22.28	22.62	22.29	24.00
1.4	QPSK	6	0	22.39	22.73	22.33	24.00
1.4	16QAM	1	0	22.38	22.73	22.37	24.00
1.4	16QAM	1	3	22.39	22.74	22.38	24.00
1.4	16QAM	1	5	22.36	22.85	22.28	24.00
1.4	16QAM	3	0	21.80	22.20	21.89	23.50
1.4	16QAM	3	1	21.79	22.09	21.80	23.50
1.4	16QAM	3	3	21.91	22.30	21.76	23.50
1.4	16QAM	6	0	21.89	22.22	21.69	23.50
1.4	64QAM	1	0	21.98	22.30	21.93	23.50
1.4	64QAM	1	3	21.93	22.31	21.80	23.50
1.4	64QAM	1	5	21.93	22.33	21.94	23.50
1.4	64QAM	3	0	20.77	21.22	20.85	22.50
1.4	64QAM	3	1	21.01	21.24	20.87	22.50
1.4	64QAM	3	3	20.75	21.07	20.72	22.50
1.4	64QAM	6	0	20.83	21.16	20.80	22.50
1.4	256QAM	1	0	18.94	19.24	18.95	20.00
1.4	256QAM	1	3	19.10	19.29	18.88	20.00
1.4	256QAM	1	5	18.93	19.26	19.00	20.00
1.4	256QAM	3	0	18.80	19.17	18.81	20.00
1.4	256QAM	3	1	18.81	19.14	18.76	20.00
1.4	256QAM	3	3	18.74	19.20	18.85	20.00
1.4	256QAM	6	0	18.81	19.18	18.81	20.00

【LTE Band 4_Ant 2_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	20.89	21.15	20.73	22.20
20	QPSK	1	49	20.74	21.06	20.63	22.20
20	QPSK	1	99	20.76	21.10	20.58	22.20
20	QPSK	50	0	20.79	21.12	20.77	22.20
20	QPSK	50	24	20.80	21.08	20.57	22.20
20	QPSK	50	50	20.75	21.02	20.51	22.20
20	QPSK	100	0	20.71	21.12	20.56	22.20
20	16QAM	1	0	20.78	21.08	20.64	22.20
20	16QAM	1	49	20.75	21.14	20.60	22.20
20	16QAM	1	99	20.87	21.14	20.65	22.20
20	16QAM	50	0	20.70	21.08	20.58	22.20
20	16QAM	50	24	20.68	21.02	20.51	22.20
20	16QAM	50	50	20.72	21.10	20.66	22.20
20	16QAM	100	0	20.74	21.10	20.59	22.20
20	64QAM	1	0	20.77	21.06	20.51	22.20
20	64QAM	1	49	20.70	21.08	20.54	22.20
20	64QAM	1	99	20.67	21.06	20.56	22.20
20	64QAM	50	0	20.70	21.02	20.50	22.20
20	64QAM	50	24	20.80	21.09	20.55	22.20
20	64QAM	50	50	20.83	21.10	20.62	22.20
20	64QAM	100	0	20.74	21.06	20.54	22.20
20	256QAM	1	0	19.04	19.34	19.02	21.00
20	256QAM	1	49	19.06	19.41	19.01	21.00
20	256QAM	1	99	19.04	19.37	19.02	21.00
20	256QAM	50	0	19.01	19.22	19.00	21.00
20	256QAM	50	24	19.01	19.19	19.02	21.00
20	256QAM	50	50	19.00	19.22	19.00	21.00
20	256QAM	100	0	19.02	19.20	19.02	21.00
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	20.87	21.12	20.67	22.20
15	QPSK	1	37	20.60	20.92	20.49	22.20
15	QPSK	1	74	20.61	21.02	20.54	22.20
15	QPSK	36	0	20.65	21.07	20.70	22.20
15	QPSK	36	20	20.67	21.00	20.45	22.20
15	QPSK	36	39	20.66	20.97	20.37	22.20
15	QPSK	75	0	20.61	20.99	20.50	22.20
15	16QAM	1	0	20.69	20.97	20.54	22.20
15	16QAM	1	37	20.64	21.11	20.50	22.20
15	16QAM	1	74	20.75	21.12	20.52	22.20
15	16QAM	36	0	20.64	20.96	20.55	22.20
15	16QAM	36	20	20.59	21.01	20.43	22.20

15	16QAM	36	39	20.63	21.00	20.63	22.20
15	16QAM	75	0	20.66	20.98	20.51	22.20
15	64QAM	1	0	20.65	20.93	20.50	22.20
15	64QAM	1	37	20.56	20.94	20.49	22.20
15	64QAM	1	74	20.65	20.93	20.46	22.20
15	64QAM	36	0	20.63	20.87	20.46	22.20
15	64QAM	36	20	20.68	20.96	20.44	22.20
15	64QAM	36	39	20.74	21.03	20.51	22.20
15	64QAM	75	0	20.71	20.93	20.45	22.20
15	256QAM	1	0	19.02	19.24	19.00	21.00
15	256QAM	1	37	19.01	19.27	19.00	21.00
15	256QAM	1	74	19.00	19.34	19.00	21.00
15	256QAM	36	0	19.02	19.17	19.00	21.00
15	256QAM	36	20	19.01	19.17	19.01	21.00
15	256QAM	36	39	19.00	19.07	19.00	21.00
15	256QAM	75	0	19.00	19.18	19.00	21.00
Channel				20000	20175	20350	Tune-up limit
Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	20.74	21.04	20.61	22.20
10	QPSK	1	25	20.68	20.94	20.55	22.20
10	QPSK	1	49	20.69	21.02	20.52	22.20
10	QPSK	25	0	20.71	21.11	20.72	22.20
10	QPSK	25	12	20.73	21.05	20.53	22.20
10	QPSK	25	25	20.70	20.95	20.48	22.20
10	QPSK	50	0	20.69	21.02	20.49	22.20
10	16QAM	1	0	20.72	21.03	20.54	22.20
10	16QAM	1	25	20.66	21.12	20.53	22.20
10	16QAM	1	49	20.78	21.00	20.61	22.20
10	16QAM	25	0	20.60	21.03	20.50	22.20
10	16QAM	25	12	20.58	20.96	20.42	22.20
10	16QAM	25	25	20.57	21.00	20.60	22.20
10	16QAM	50	0	20.65	21.03	20.55	22.20
10	64QAM	1	0	20.73	20.92	20.40	22.20
10	64QAM	1	25	20.69	21.02	20.46	22.20
10	64QAM	1	49	20.65	20.94	20.43	22.20
10	64QAM	25	0	20.55	20.96	20.46	22.20
10	64QAM	25	12	20.66	20.98	20.48	22.20
10	64QAM	25	25	20.75	21.04	20.58	22.20
10	64QAM	50	0	20.67	20.93	20.51	22.20
10	256QAM	1	0	19.00	19.31	19.00	21.00
10	256QAM	1	25	19.01	19.27	19.00	21.00
10	256QAM	1	49	19.02	19.29	19.01	21.00
10	256QAM	25	0	19.00	19.08	19.00	21.00
10	256QAM	25	12	19.01	19.16	19.00	21.00
10	256QAM	25	25	19.01	19.08	19.00	21.00
10	256QAM	50	0	19.00	19.13	19.01	21.00
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	20.80	21.08	20.67	22.20
5	QPSK	1	12	20.72	20.94	20.51	22.20
5	QPSK	1	24	20.62	21.05	20.50	22.20
5	QPSK	12	0	20.77	21.06	20.63	22.20
5	QPSK	12	7	20.74	21.04	20.42	22.20
5	QPSK	12	13	20.72	20.88	20.41	22.20
5	QPSK	25	0	20.69	21.07	20.53	22.20
5	16QAM	1	0	20.74	21.05	20.58	22.20
5	16QAM	1	12	20.65	21.07	20.52	22.20
5	16QAM	1	24	20.76	21.02	20.56	22.20
5	16QAM	12	0	20.67	20.93	20.54	22.20
5	16QAM	12	7	20.65	21.01	20.43	22.20
5	16QAM	12	13	20.70	21.05	20.52	22.20
5	16QAM	25	0	20.73	21.01	20.52	22.20
5	64QAM	1	0	20.65	21.02	20.42	22.20
5	64QAM	1	12	20.68	20.95	20.46	22.20
5	64QAM	1	24	20.56	20.99	20.49	22.20
5	64QAM	12	0	20.55	20.99	20.48	22.20
5	64QAM	12	7	20.72	20.97	20.51	22.20
5	64QAM	12	13	20.69	21.01	20.50	22.20
5	64QAM	25	0	20.60	20.93	20.49	22.20
5	256QAM	1	0	19.02	19.33	19.00	21.00
5	256QAM	1	12	19.03	19.27	19.00	21.00
5	256QAM	1	24	19.02	19.24	19.00	21.00
5	256QAM	12	0	19.00	19.15	19.00	21.00
5	256QAM	12	7	19.00	19.11	19.00	21.00
5	256QAM	12	13	19.00	19.09	19.01	21.00
5	256QAM	25	0	19.00	19.10	19.00	21.00
Channel				19965	20175	20385	Tune-up limit

Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	20.76	21.04	20.67	22.20
3	QPSK	1	8	20.66	20.98	20.59	22.20
3	QPSK	1	14	20.61	21.07	20.51	22.20
3	QPSK	8	0	20.67	21.08	20.64	22.20
3	QPSK	8	4	20.78	21.04	20.48	22.20
3	QPSK	8	7	20.73	20.88	20.38	22.20
3	QPSK	15	0	20.67	21.07	20.49	22.20
3	16QAM	1	0	20.70	21.05	20.54	22.20
3	16QAM	1	8	20.68	21.02	20.58	22.20
3	16QAM	1	14	20.81	21.08	20.53	22.20
3	16QAM	8	0	20.56	21.00	20.52	22.20
3	16QAM	8	4	20.61	20.90	20.48	22.20
3	16QAM	8	7	20.70	21.00	20.56	22.20
3	16QAM	15	0	20.62	20.97	20.57	22.20
3	64QAM	1	0	20.72	21.00	20.48	22.20
3	64QAM	1	8	20.64	20.98	20.42	22.20
3	64QAM	1	14	20.64	20.97	20.49	22.20
3	64QAM	8	0	20.64	21.00	20.40	22.20
3	64QAM	8	4	20.69	20.96	20.45	22.20
3	64QAM	8	7	20.79	21.02	20.50	22.20
3	64QAM	15	0	20.72	21.03	20.51	22.20
3	256QAM	1	0	19.00	19.29	19.00	21.00
3	256QAM	1	8	19.01	19.32	19.01	21.00
3	256QAM	1	14	19.02	19.29	19.00	21.00
3	256QAM	8	0	19.02	19.13	19.00	21.00
3	256QAM	8	4	19.02	19.18	19.01	21.00
3	256QAM	8	7	19.00	19.14	19.01	21.00
3	256QAM	15	0	19.02	19.11	19.00	21.00
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	20.81	21.04	20.59	22.20
1.4	QPSK	1	3	20.59	20.99	20.57	22.20
1.4	QPSK	1	5	20.70	20.98	20.52	22.20
1.4	QPSK	3	0	20.78	21.03	20.70	22.20
1.4	QPSK	3	1	20.65	21.03	20.54	22.20
1.4	QPSK	3	3	20.64	20.99	20.44	22.20
1.4	QPSK	6	0	20.59	21.02	20.52	22.20
1.4	16QAM	1	0	20.64	21.06	20.54	22.20
1.4	16QAM	1	3	20.71	21.04	20.56	22.20
1.4	16QAM	1	5	20.76	21.09	20.51	22.20
1.4	16QAM	3	0	20.55	20.98	20.46	22.20
1.4	16QAM	3	1	20.56	20.98	20.43	22.20
1.4	16QAM	3	3	20.62	20.96	20.54	22.20
1.4	16QAM	6	0	20.61	21.07	20.52	22.20
1.4	64QAM	1	0	20.75	20.94	20.37	22.20
1.4	64QAM	1	3	20.66	20.99	20.42	22.20
1.4	64QAM	1	5	20.53	21.05	20.42	22.20
1.4	64QAM	3	0	20.67	20.87	20.38	22.20
1.4	64QAM	3	1	20.76	20.99	20.46	22.20
1.4	64QAM	3	3	20.79	21.06	20.52	22.20
1.4	64QAM	6	0	20.61	20.92	20.46	22.20
1.4	256QAM	1	0	19.01	19.24	19.00	21.00
1.4	256QAM	1	3	19.01	19.29	19.00	21.00
1.4	256QAM	1	5	19.00	19.26	19.01	21.00
1.4	256QAM	3	0	19.02	19.17	19.00	21.00
1.4	256QAM	3	1	19.00	19.14	19.01	21.00
1.4	256QAM	3	3	19.00	19.20	19.00	21.00
1.4	256QAM	6	0	19.00	19.18	19.00	21.00

【LTE Band 4_Ant 2_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	22.62	22.89	22.56	24.00
20	QPSK	1	49	22.28	22.64	22.19	24.00
20	QPSK	1	99	22.42	22.79	22.39	24.00
20	QPSK	50	0	22.51	22.84	22.40	24.00
20	QPSK	50	24	22.49	22.81	22.39	24.00
20	QPSK	50	50	22.36	22.74	22.39	24.00
20	QPSK	100	0	22.46	22.76	22.35	24.00

20	16QAM	1	0	22.46	22.85	22.51	24.00
20	16QAM	1	49	22.47	22.82	22.44	24.00
20	16QAM	1	99	22.50	22.88	22.42	24.00
20	16QAM	50	0	21.87	22.26	21.93	23.50
20	16QAM	50	24	21.91	22.24	21.86	23.50
20	16QAM	50	50	21.96	22.31	21.87	23.50
20	16QAM	100	0	21.95	22.25	21.79	23.50
20	64QAM	1	0	22.00	22.40	21.94	23.50
20	64QAM	1	49	22.04	22.38	21.92	23.50
20	64QAM	1	99	22.01	22.37	22.00	23.50
20	64QAM	50	0	20.91	21.30	20.94	22.50
20	64QAM	50	24	21.03	21.36	20.94	22.50
20	64QAM	50	50	20.86	21.21	20.78	22.50
20	64QAM	100	0	20.89	21.29	20.94	22.50
20	256QAM	1	0	18.97	19.34	19.02	20.00
20	256QAM	1	49	19.11	19.41	19.00	20.00
20	256QAM	1	99	19.01	19.37	19.04	20.00
20	256QAM	50	0	18.91	19.22	18.91	20.00
20	256QAM	50	24	18.85	19.19	18.81	20.00
20	256QAM	50	50	18.89	19.22	18.88	20.00
20	256QAM	100	0	18.88	19.20	18.86	20.00
Channel				20025	20175	20325	Tune-up limit
Frequency (MHz)				1717.5	1732.5	1747.5	(dBm)
15	QPSK	1	0	22.59	22.87	22.44	24.00
15	QPSK	1	37	22.20	22.50	22.11	24.00
15	QPSK	1	74	22.40	22.77	22.32	24.00
15	QPSK	36	0	22.44	22.70	22.26	24.00
15	QPSK	36	20	22.43	22.80	22.37	24.00
15	QPSK	36	39	22.21	22.65	22.25	24.00
15	QPSK	75	0	22.43	22.73	22.27	24.00
15	16QAM	1	0	22.37	22.79	22.43	24.00
15	16QAM	1	37	22.37	22.67	22.36	24.00
15	16QAM	1	74	22.46	22.79	22.29	24.00
15	16QAM	36	0	21.77	22.19	21.78	23.50
15	16QAM	36	20	21.84	22.11	21.82	23.50
15	16QAM	36	39	21.85	22.22	21.81	23.50
15	16QAM	75	0	21.88	22.17	21.65	23.50
15	64QAM	1	0	21.98	22.36	21.90	23.50
15	64QAM	1	37	22.01	22.25	21.82	23.50
15	64QAM	1	74	21.99	22.33	21.88	23.50
15	64QAM	36	0	20.86	21.22	20.93	22.50
15	64QAM	36	20	20.95	21.21	20.86	22.50
15	64QAM	36	39	20.83	21.16	20.65	22.50
15	64QAM	75	0	20.84	21.18	20.80	22.50
15	256QAM	1	0	18.94	19.24	18.94	20.00
15	256QAM	1	37	19.07	19.27	18.97	20.00
15	256QAM	1	74	18.95	19.34	19.02	20.00
15	256QAM	36	0	18.78	19.17	18.80	20.00
15	256QAM	36	20	18.83	19.17	18.75	20.00
15	256QAM	36	39	18.78	19.07	18.83	20.00
15	256QAM	75	0	18.74	19.18	18.80	20.00
Channel				20000	20175	20350	Tune-up limit
Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	22.50	22.79	22.42	24.00
10	QPSK	1	25	22.25	22.56	22.08	24.00
10	QPSK	1	49	22.29	22.69	22.37	24.00
10	QPSK	25	0	22.38	22.76	22.36	24.00
10	QPSK	25	12	22.43	22.71	22.36	24.00
10	QPSK	25	25	22.29	22.63	22.33	24.00
10	QPSK	50	0	22.31	22.71	22.32	24.00
10	16QAM	1	0	22.37	22.82	22.39	24.00
10	16QAM	1	25	22.33	22.72	22.34	24.00
10	16QAM	1	49	22.40	22.79	22.33	24.00
10	16QAM	25	0	21.75	22.21	21.92	23.50
10	16QAM	25	12	21.85	22.17	21.76	23.50
10	16QAM	25	25	21.90	22.26	21.80	23.50
10	16QAM	50	0	21.84	22.10	21.70	23.50
10	64QAM	1	0	21.93	22.36	21.81	23.50
10	64QAM	1	25	21.94	22.33	21.89	23.50
10	64QAM	1	49	21.91	22.28	21.87	23.50
10	64QAM	25	0	20.81	21.23	20.87	22.50
10	64QAM	25	12	21.01	21.32	20.85	22.50
10	64QAM	25	25	20.77	21.11	20.65	22.50
10	64QAM	50	0	20.81	21.19	20.88	22.50
10	256QAM	1	0	18.83	19.31	18.99	20.00
10	256QAM	1	25	19.02	19.27	18.98	20.00
10	256QAM	1	49	18.95	19.29	19.02	20.00

10	256QAM	25	0	18.83	19.08	18.84	20.00
10	256QAM	25	12	18.76	19.16	18.66	20.00
10	256QAM	25	25	18.85	19.08	18.78	20.00
10	256QAM	50	0	18.87	19.13	18.71	20.00
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	22.49	22.85	22.46	24.00
5	QPSK	1	12	22.19	22.62	22.06	24.00
5	QPSK	1	24	22.31	22.71	22.25	24.00
5	QPSK	12	0	22.40	22.77	22.27	24.00
5	QPSK	12	7	22.38	22.70	22.32	24.00
5	QPSK	12	13	22.23	22.71	22.33	24.00
5	QPSK	25	0	22.32	22.62	22.22	24.00
5	16QAM	1	0	22.39	22.72	22.42	24.00
5	16QAM	1	12	22.42	22.79	22.37	24.00
5	16QAM	1	24	22.48	22.78	22.37	24.00
5	16QAM	12	0	21.74	22.14	21.88	23.50
5	16QAM	12	7	21.80	22.10	21.74	23.50
5	16QAM	12	13	21.92	22.19	21.75	23.50
5	16QAM	25	0	21.87	22.23	21.77	23.50
5	64QAM	1	0	21.99	22.37	21.80	23.50
5	64QAM	1	12	22.01	22.33	21.87	23.50
5	64QAM	1	24	21.89	22.28	21.88	23.50
5	64QAM	12	0	20.89	21.24	20.83	22.50
5	64QAM	12	7	20.94	21.27	20.87	22.50
5	64QAM	12	13	20.80	21.11	20.70	22.50
5	64QAM	25	0	20.82	21.16	20.90	22.50
5	256QAM	1	0	18.84	19.33	18.98	20.00
5	256QAM	1	12	18.98	19.27	18.97	20.00
5	256QAM	1	24	18.92	19.24	18.94	20.00
5	256QAM	12	0	18.82	19.15	18.80	20.00
5	256QAM	12	7	18.70	19.11	18.66	20.00
5	256QAM	12	13	18.77	19.09	18.82	20.00
5	256QAM	25	0	18.76	19.10	18.79	20.00
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	22.50	22.85	22.50	24.00
3	QPSK	1	8	22.17	22.58	22.11	24.00
3	QPSK	1	14	22.40	22.76	22.25	24.00
3	QPSK	8	0	22.38	22.82	22.33	24.00
3	QPSK	8	4	22.34	22.73	22.33	24.00
3	QPSK	8	7	22.29	22.68	22.31	24.00
3	QPSK	15	0	22.44	22.61	22.30	24.00
3	16QAM	1	0	22.35	22.77	22.47	24.00
3	16QAM	1	8	22.34	22.74	22.41	24.00
3	16QAM	1	14	22.46	22.76	22.37	24.00
3	16QAM	8	0	21.77	22.20	21.89	23.50
3	16QAM	8	4	21.89	22.13	21.76	23.50
3	16QAM	8	7	21.92	22.24	21.84	23.50
3	16QAM	15	0	21.83	22.20	21.65	23.50
3	64QAM	1	0	21.89	22.33	21.90	23.50
3	64QAM	1	8	21.92	22.26	21.81	23.50
3	64QAM	1	14	21.98	22.29	21.93	23.50
3	64QAM	8	0	20.83	21.21	20.88	22.50
3	64QAM	8	4	21.01	21.25	20.91	22.50
3	64QAM	8	7	20.81	21.07	20.71	22.50
3	64QAM	15	0	20.84	21.24	20.83	22.50
3	256QAM	1	0	18.92	19.29	19.00	20.00
3	256QAM	1	8	19.09	19.32	18.87	20.00
3	256QAM	1	14	18.97	19.29	18.96	20.00
3	256QAM	8	0	18.82	19.13	18.82	20.00
3	256QAM	8	4	18.77	19.18	18.76	20.00
3	256QAM	8	7	18.84	19.14	18.85	20.00
3	256QAM	15	0	18.74	19.11	18.83	20.00
Channel				19957	20175	20393	Tune-up limit
Frequency (MHz)				1710.7	1732.5	1754.3	(dBm)
1.4	QPSK	1	0	22.53	22.85	22.50	24.00
1.4	QPSK	1	3	22.23	22.53	22.16	24.00
1.4	QPSK	1	5	22.35	22.71	22.25	24.00
1.4	QPSK	3	0	22.45	22.78	22.32	24.00
1.4	QPSK	3	1	22.38	22.71	22.36	24.00
1.4	QPSK	3	3	22.28	22.62	22.29	24.00
1.4	QPSK	6	0	22.39	22.73	22.33	24.00
1.4	16QAM	1	0	22.38	22.73	22.37	24.00
1.4	16QAM	1	3	22.39	22.74	22.38	24.00
1.4	16QAM	1	5	22.36	22.85	22.28	24.00
1.4	16QAM	3	0	21.80	22.20	21.89	23.50

1.4	16QAM	3	1	21.79	22.09	21.80	23.50
1.4	16QAM	3	3	21.91	22.30	21.76	23.50
1.4	16QAM	6	0	21.89	22.22	21.69	23.50
1.4	64QAM	1	0	21.98	22.30	21.93	23.50
1.4	64QAM	1	3	21.93	22.31	21.80	23.50
1.4	64QAM	1	5	21.93	22.33	21.94	23.50
1.4	64QAM	3	0	20.77	21.22	20.85	22.50
1.4	64QAM	3	1	21.01	21.24	20.87	22.50
1.4	64QAM	3	3	20.75	21.07	20.72	22.50
1.4	64QAM	6	0	20.83	21.16	20.80	22.50
1.4	256QAM	1	0	18.94	19.24	18.95	20.00
1.4	256QAM	1	3	19.10	19.29	18.88	20.00
1.4	256QAM	1	5	18.93	19.26	19.00	20.00
1.4	256QAM	3	0	18.80	19.17	18.81	20.00
1.4	256QAM	3	1	18.81	19.14	18.76	20.00
1.4	256QAM	3	3	18.74	19.20	18.85	20.00
1.4	256QAM	6	0	18.81	19.18	18.81	20.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	Tune-up limit (dBm)
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	18.81	19.17	18.71	20.20
20	QPSK	1	49	18.89	19.16	18.83	20.20
20	QPSK	1	99	18.85	19.07	18.74	20.20
20	QPSK	50	0	18.89	19.13	18.81	20.20
20	QPSK	50	24	18.88	19.11	18.72	20.20
20	QPSK	50	50	18.76	19.10	18.78	20.20
20	QPSK	100	0	18.79	19.04	18.81	20.20
20	16QAM	1	0	18.87	19.11	18.82	20.20
20	16QAM	1	49	18.83	19.04	18.76	20.20
20	16QAM	1	99	18.89	19.07	18.82	20.20
20	16QAM	50	0	18.77	19.15	18.80	20.20
20	16QAM	50	24	18.85	19.02	18.78	20.20
20	16QAM	50	50	18.84	19.10	18.75	20.20
20	16QAM	100	0	18.89	19.07	18.78	20.20
20	64QAM	1	0	18.84	19.05	18.81	20.20
20	64QAM	1	49	18.76	19.07	18.68	20.20
20	64QAM	1	99	18.78	19.07	18.84	20.20
20	64QAM	50	0	18.88	19.12	18.84	20.20
20	64QAM	50	24	18.79	19.02	18.71	20.20
20	64QAM	50	50	18.82	19.03	18.76	20.20
20	64QAM	100	0	18.77	19.05	18.73	20.20
20	256QAM	1	0	18.83	19.12	18.74	20.00
20	256QAM	1	49	18.90	19.04	18.82	20.00
20	256QAM	1	99	18.84	19.13	18.75	20.00
20	256QAM	50	0	18.77	19.15	18.78	20.00
20	256QAM	50	24	18.75	19.08	18.81	20.00
20	256QAM	50	50	18.75	19.03	18.84	20.00
20	256QAM	100	0	18.80	19.12	18.82	20.00
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	18.78	19.11	18.63	20.20
15	QPSK	1	37	18.77	19.14	18.70	20.20
15	QPSK	1	74	18.81	19.02	18.69	20.20
15	QPSK	36	0	18.81	19.06	18.70	20.20
15	QPSK	36	20	18.80	18.99	18.66	20.20
15	QPSK	36	39	18.61	19.02	18.71	20.20
15	QPSK	75	0	18.71	18.93	18.71	20.20
15	16QAM	1	0	18.74	19.09	18.71	20.20
15	16QAM	1	37	18.73	18.95	18.64	20.20
15	16QAM	1	74	18.81	18.97	18.70	20.20
15	16QAM	36	0	18.66	19.00	18.71	20.20
15	16QAM	36	20	18.78	18.96	18.64	20.20
15	16QAM	36	39	18.80	19.04	18.63	20.20
15	16QAM	75	0	18.81	18.94	18.70	20.20
15	64QAM	1	0	18.78	18.98	18.71	20.20
15	64QAM	1	37	18.70	18.96	18.61	20.20
15	64QAM	1	74	18.65	19.05	18.69	20.20
15	64QAM	36	0	18.79	19.00	18.71	20.20
15	64QAM	36	20	18.69	18.88	18.64	20.20

15	64QAM	36	39	18.77	19.00	18.62	20.20
15	64QAM	75	0	18.64	19.02	18.58	20.20
15	256QAM	1	0	18.73	19.00	18.69	20.00
15	256QAM	1	37	18.80	18.97	18.71	20.00
15	256QAM	1	74	18.72	19.06	18.66	20.00
15	256QAM	36	0	18.74	19.03	18.71	20.00
15	256QAM	36	20	18.70	18.97	18.68	20.00
15	256QAM	36	39	18.66	18.94	18.71	20.00
15	256QAM	75	0	18.70	19.08	18.71	20.00
Channel				20000	20175	20350	Tune-up limit
Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	18.80	19.14	18.57	20.20
10	QPSK	1	25	18.79	19.10	18.71	20.20
10	QPSK	1	49	18.81	19.05	18.63	20.20
10	QPSK	25	0	18.80	19.05	18.70	20.20
10	QPSK	25	12	18.74	18.99	18.66	20.20
10	QPSK	25	25	18.63	18.97	18.67	20.20
10	QPSK	50	0	18.72	18.90	18.70	20.20
10	16QAM	1	0	18.81	19.03	18.70	20.20
10	16QAM	1	25	18.81	19.00	18.69	20.20
10	16QAM	1	49	18.79	18.95	18.69	20.20
10	16QAM	25	0	18.73	19.10	18.71	20.20
10	16QAM	25	12	18.80	19.00	18.70	20.20
10	16QAM	25	25	18.79	19.07	18.67	20.20
10	16QAM	50	0	18.74	18.94	18.71	20.20
10	64QAM	1	0	18.75	19.03	18.71	20.20
10	64QAM	1	25	18.69	19.02	18.57	20.20
10	64QAM	1	49	18.65	18.94	18.70	20.20
10	64QAM	25	0	18.74	18.99	18.71	20.20
10	64QAM	25	12	18.76	18.90	18.58	20.20
10	64QAM	25	25	18.72	18.99	18.71	20.20
10	64QAM	50	0	18.73	18.95	18.68	20.20
10	256QAM	1	0	18.69	19.09	18.65	20.00
10	256QAM	1	25	18.80	18.95	18.68	20.00
10	256QAM	1	49	18.81	19.11	18.70	20.00
10	256QAM	25	0	18.75	19.01	18.71	20.00
10	256QAM	25	12	18.70	19.05	18.69	20.00
10	256QAM	25	25	18.70	18.95	18.71	20.00
10	256QAM	50	0	18.69	18.98	18.70	20.00
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	18.80	19.03	18.63	20.20
5	QPSK	1	12	18.77	19.08	18.71	20.20
5	QPSK	1	24	18.76	19.04	18.60	20.20
5	QPSK	12	0	18.75	19.03	18.70	20.20
5	QPSK	12	7	18.75	19.02	18.62	20.20
5	QPSK	12	13	18.68	18.96	18.68	20.20
5	QPSK	25	0	18.73	18.99	18.66	20.20
5	16QAM	1	0	18.81	19.09	18.71	20.20
5	16QAM	1	12	18.76	19.02	18.66	20.20
5	16QAM	1	24	18.77	18.93	18.71	20.20
5	16QAM	12	0	18.64	19.09	18.69	20.20
5	16QAM	12	7	18.80	18.95	18.71	20.20
5	16QAM	12	13	18.72	18.98	18.67	20.20
5	16QAM	25	0	18.81	18.97	18.71	20.20
5	64QAM	1	0	18.70	18.96	18.70	20.20
5	64QAM	1	12	18.67	19.00	18.59	20.20
5	64QAM	1	24	18.64	18.97	18.70	20.20
5	64QAM	12	0	18.79	18.98	18.71	20.20
5	64QAM	12	7	18.70	18.93	18.63	20.20
5	64QAM	12	13	18.73	18.93	18.70	20.20
5	64QAM	25	0	18.69	19.00	18.67	20.20
5	256QAM	1	0	18.71	18.98	18.61	20.00
5	256QAM	1	12	18.81	18.95	18.69	20.00
5	256QAM	1	24	18.75	19.06	18.61	20.00
5	256QAM	12	0	18.66	19.05	18.64	20.00
5	256QAM	12	7	18.60	19.05	18.70	20.00
5	256QAM	12	13	18.72	19.00	18.71	20.00
5	256QAM	25	0	18.74	19.07	18.68	20.00
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	18.69	19.08	18.65	20.20
3	QPSK	1	8	18.75	19.15	18.70	20.20
3	QPSK	1	14	18.79	18.92	18.69	20.20
3	QPSK	8	0	18.81	19.11	18.71	20.20
3	QPSK	8	4	18.80	19.02	18.59	20.20
3	QPSK	8	7	18.62	19.04	18.71	20.20

3	QPSK	15	0	18.70	18.92	18.71	20.20
3	16QAM	1	0	18.79	18.99	18.71	20.20
3	16QAM	1	8	18.75	18.90	18.65	20.20
3	16QAM	1	14	18.80	18.99	18.71	20.20
3	16QAM	8	0	18.71	19.03	18.71	20.20
3	16QAM	8	4	18.80	18.93	18.71	20.20
3	16QAM	8	7	18.77	19.06	18.70	20.20
3	16QAM	15	0	18.76	19.04	18.71	20.20
3	64QAM	1	0	18.71	19.02	18.69	20.20
3	64QAM	1	8	18.69	19.00	18.54	20.20
3	64QAM	1	14	18.69	18.93	18.70	20.20
3	64QAM	8	0	18.81	19.10	18.71	20.20
3	64QAM	8	4	18.65	18.87	18.62	20.20
3	64QAM	8	7	18.80	18.88	18.71	20.20
3	64QAM	15	0	18.70	18.91	18.62	20.20
3	256QAM	1	0	18.75	19.10	18.63	20.00
3	256QAM	1	8	18.81	18.91	18.71	20.00
3	256QAM	1	14	18.78	19.00	18.62	20.00
3	256QAM	8	0	18.68	19.11	18.70	20.00
3	256QAM	8	4	18.63	18.98	18.70	20.00
3	256QAM	8	7	18.68	18.96	18.71	20.00
3	256QAM	15	0	18.78	19.05	18.71	20.00
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	18.78	19.08	18.69	20.20
1.4	QPSK	1	3	18.77	19.05	18.70	20.20
1.4	QPSK	1	5	18.80	18.93	18.71	20.20
1.4	QPSK	3	0	18.76	18.98	18.71	20.20
1.4	QPSK	3	1	18.80	18.99	18.60	20.20
1.4	QPSK	3	3	18.74	18.95	18.65	20.20
1.4	QPSK	6	0	18.76	19.00	18.70	20.20
1.4	16QAM	1	0	18.81	19.01	18.70	20.20
1.4	16QAM	1	3	18.69	18.91	18.70	20.20
1.4	16QAM	1	5	18.81	19.02	18.71	20.20
1.4	16QAM	3	0	18.69	19.01	18.71	20.20
1.4	16QAM	3	1	18.77	18.96	18.71	20.20
1.4	16QAM	3	3	18.81	19.09	18.71	20.20
1.4	16QAM	6	0	18.80	19.01	18.70	20.20
1.4	64QAM	1	0	18.81	18.94	18.71	20.20
1.4	64QAM	1	3	18.65	18.95	18.54	20.20
1.4	64QAM	1	5	18.75	19.04	18.71	20.20
1.4	64QAM	3	0	18.80	19.02	18.70	20.20
1.4	64QAM	3	1	18.69	18.95	18.57	20.20
1.4	64QAM	3	3	18.72	18.92	18.70	20.20
1.4	64QAM	6	0	18.67	18.93	18.68	20.20
1.4	256QAM	1	0	18.76	19.08	18.67	20.00
1.4	256QAM	1	3	18.81	18.95	18.70	20.00
1.4	256QAM	1	5	18.80	18.99	18.71	20.00
1.4	256QAM	3	0	18.64	19.08	18.67	20.00
1.4	256QAM	3	1	18.71	18.93	18.71	20.00
1.4	256QAM	3	3	18.71	18.90	18.71	20.00
1.4	256QAM	6	0	18.66	19.11	18.71	20.00

【LTE Band 4_Ant 6_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	21.35	21.49	21.31	22.50
20	QPSK	1	49	20.89	21.12	20.80	22.50
20	QPSK	1	99	20.92	21.14	20.87	22.50
20	QPSK	50	0	21.00	21.26	21.05	21.50
20	QPSK	50	24	21.03	21.23	20.97	21.50
20	QPSK	50	50	21.08	21.25	21.02	21.50
20	QPSK	100	0	21.10	21.29	20.96	22.50
20	16QAM	1	0	21.12	21.40	21.17	22.50
20	16QAM	1	49	21.20	21.45	21.24	22.50
20	16QAM	1	99	21.19	21.41	21.20	22.50
20	16QAM	50	0	20.55	20.72	20.53	21.50
20	16QAM	50	24	20.52	20.70	20.42	21.50
20	16QAM	50	50	20.47	20.75	20.50	21.50
20	16QAM	100	0	20.52	20.77	20.52	21.50

20	64QAM	1	0	20.73	21.02	20.81	21.50
20	64QAM	1	49	20.65	20.82	20.52	21.50
20	64QAM	1	99	20.62	20.77	20.53	21.50
20	64QAM	50	0	19.53	19.72	19.53	20.50
20	64QAM	50	24	19.59	19.77	19.53	20.50
20	64QAM	50	50	19.43	19.68	19.42	20.50
20	64QAM	100	0	19.52	19.72	19.53	20.50
20	256QAM	1	0	17.66	17.85	17.69	18.50
20	256QAM	1	49	17.41	17.63	17.36	18.50
20	256QAM	1	99	17.64	17.86	17.68	18.50
20	256QAM	50	0	17.56	17.76	17.49	18.50
20	256QAM	50	24	17.45	17.62	17.38	18.50
20	256QAM	50	50	17.56	17.70	17.51	18.50
20	256QAM	100	0	17.45	17.71	17.52	18.50
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	21.22	21.43	21.16	22.50
15	QPSK	1	37	20.77	21.01	20.78	22.50
15	QPSK	1	74	20.77	21.10	20.80	22.50
15	QPSK	36	0	20.87	21.19	20.95	21.50
15	QPSK	36	20	21.02	21.13	20.87	21.50
15	QPSK	36	39	21.06	21.16	20.97	21.50
15	QPSK	75	0	20.97	21.16	20.91	22.50
15	16QAM	1	0	21.04	21.37	21.10	22.50
15	16QAM	1	37	21.16	21.31	21.10	22.50
15	16QAM	1	74	21.11	21.38	21.12	22.50
15	16QAM	36	0	20.50	20.66	20.46	21.50
15	16QAM	36	20	20.45	20.57	20.38	21.50
15	16QAM	36	39	20.35	20.65	20.44	21.50
15	16QAM	75	0	20.48	20.74	20.50	21.50
15	64QAM	1	0	20.59	20.94	20.68	21.50
15	64QAM	1	37	20.60	20.71	20.43	21.50
15	64QAM	1	74	20.58	20.73	20.40	21.50
15	64QAM	36	0	19.40	19.65	19.38	20.50
15	64QAM	36	20	19.46	19.70	19.46	20.50
15	64QAM	36	39	19.38	19.63	19.28	20.50
15	64QAM	75	0	19.46	19.69	19.51	20.50
15	256QAM	1	0	17.55	17.75	17.58	18.50
15	256QAM	1	37	17.26	17.52	17.33	18.50
15	256QAM	1	74	17.52	17.81	17.58	18.50
15	256QAM	36	0	17.44	17.70	17.38	18.50
15	256QAM	36	20	17.33	17.52	17.33	18.50
15	256QAM	36	39	17.44	17.60	17.47	18.50
15	256QAM	75	0	17.43	17.68	17.42	18.50
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	21.24	21.47	21.16	22.50
10	QPSK	1	25	20.82	21.00	20.71	22.50
10	QPSK	1	49	20.79	21.04	20.74	22.50
10	QPSK	25	0	20.86	21.13	20.93	21.50
10	QPSK	25	12	20.89	21.19	20.91	21.50
10	QPSK	25	25	20.99	21.10	20.98	21.50
10	QPSK	50	0	20.98	21.16	20.92	22.50
10	16QAM	1	0	21.02	21.36	21.16	22.50
10	16QAM	1	25	21.17	21.40	21.18	22.50
10	16QAM	1	49	21.12	21.28	21.17	22.50
10	16QAM	25	0	20.42	20.61	20.44	21.50
10	16QAM	25	12	20.46	20.58	20.31	21.50
10	16QAM	25	25	20.42	20.72	20.48	21.50
10	16QAM	50	0	20.44	20.70	20.50	21.50
10	64QAM	1	0	20.71	20.99	20.75	21.50
10	64QAM	1	25	20.57	20.76	20.38	21.50
10	64QAM	1	49	20.48	20.65	20.46	21.50
10	64QAM	25	0	19.48	19.58	19.42	20.50
10	64QAM	25	12	19.51	19.64	19.41	20.50
10	64QAM	25	25	19.29	19.58	19.30	20.50
10	64QAM	50	0	19.39	19.65	19.42	20.50
10	256QAM	1	0	17.63	17.83	17.68	18.50
10	256QAM	1	25	17.39	17.56	17.31	18.50
10	256QAM	1	49	17.63	17.74	17.63	18.50
10	256QAM	25	0	17.48	17.63	17.40	18.50
10	256QAM	25	12	17.33	17.57	17.29	18.50
10	256QAM	25	25	17.46	17.65	17.50	18.50
10	256QAM	50	0	17.36	17.69	17.49	18.50
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	21.27	21.37	21.17	22.50

5	QPSK	1	12	20.85	21.07	20.74	22.50
5	QPSK	1	24	20.78	21.02	20.86	22.50
5	QPSK	12	0	20.89	21.14	20.94	21.50
5	QPSK	12	7	21.01	21.20	20.90	21.50
5	QPSK	12	13	21.03	21.23	20.96	21.50
5	QPSK	25	0	21.09	21.19	20.93	22.50
5	16QAM	1	0	20.99	21.25	21.08	22.50
5	16QAM	1	12	21.09	21.31	21.16	22.50
5	16QAM	1	24	21.11	21.37	21.09	22.50
5	16QAM	12	0	20.48	20.70	20.41	21.50
5	16QAM	12	7	20.46	20.58	20.33	21.50
5	16QAM	12	13	20.43	20.68	20.43	21.50
5	16QAM	25	0	20.43	20.73	20.40	21.50
5	64QAM	1	0	20.64	20.90	20.72	21.50
5	64QAM	1	12	20.52	20.69	20.42	21.50
5	64QAM	1	24	20.58	20.74	20.51	21.50
5	64QAM	12	0	19.40	19.60	19.40	20.50
5	64QAM	12	7	19.52	19.63	19.38	20.50
5	64QAM	12	13	19.39	19.57	19.35	20.50
5	64QAM	25	0	19.42	19.67	19.49	20.50
5	256QAM	1	0	17.56	17.78	17.55	18.50
5	256QAM	1	12	17.35	17.54	17.29	18.50
5	256QAM	1	24	17.53	17.77	17.66	18.50
5	256QAM	12	0	17.42	17.63	17.39	18.50
5	256QAM	12	7	17.42	17.60	17.27	18.50
5	256QAM	12	13	17.53	17.58	17.46	18.50
5	256QAM	25	0	17.42	17.64	17.51	18.50
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	21.25	21.46	21.24	22.50
3	QPSK	1	8	20.88	21.05	20.69	22.50
3	QPSK	1	14	20.84	20.99	20.75	22.50
3	QPSK	8	0	20.90	21.11	20.94	21.50
3	QPSK	8	4	20.99	21.18	20.84	21.50
3	QPSK	8	7	21.02	21.21	20.90	21.50
3	QPSK	15	0	20.99	21.22	20.86	22.50
3	16QAM	1	0	21.09	21.32	21.14	22.50
3	16QAM	1	8	21.18	21.43	21.11	22.50
3	16QAM	1	14	21.04	21.30	21.07	22.50
3	16QAM	8	0	20.50	20.59	20.43	21.50
3	16QAM	8	4	20.43	20.61	20.28	21.50
3	16QAM	8	7	20.36	20.73	20.47	21.50
3	16QAM	15	0	20.47	20.62	20.43	21.50
3	64QAM	1	0	20.71	20.92	20.79	21.50
3	64QAM	1	8	20.59	20.69	20.38	21.50
3	64QAM	1	14	20.50	20.65	20.51	21.50
3	64QAM	8	0	19.51	19.59	19.46	20.50
3	64QAM	8	4	19.50	19.75	19.44	20.50
3	64QAM	8	7	19.34	19.64	19.37	20.50
3	64QAM	15	0	19.50	19.63	19.48	20.50
3	256QAM	1	0	17.60	17.71	17.63	18.50
3	256QAM	1	8	17.31	17.58	17.33	18.50
3	256QAM	1	14	17.53	17.77	17.61	18.50
3	256QAM	8	0	17.43	17.67	17.46	18.50
3	256QAM	8	4	17.33	17.47	17.23	18.50
3	256QAM	8	7	17.46	17.61	17.39	18.50
3	256QAM	15	0	17.42	17.62	17.45	18.50
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	21.21	21.37	21.29	22.50
1.4	QPSK	1	3	20.86	21.06	20.68	22.50
1.4	QPSK	1	5	20.78	21.00	20.85	22.50
1.4	QPSK	3	0	20.98	21.16	20.99	22.50
1.4	QPSK	3	1	20.92	21.09	20.96	22.50
1.4	QPSK	3	3	21.04	21.11	20.95	22.50
1.4	QPSK	6	0	21.07	21.15	20.82	22.50
1.4	16QAM	1	0	21.02	21.28	21.09	22.50
1.4	16QAM	1	3	21.10	21.35	21.11	22.50
1.4	16QAM	1	5	21.08	21.36	21.07	22.50
1.4	16QAM	3	0	20.50	20.64	20.50	22.50
1.4	16QAM	3	1	20.50	20.67	20.51	22.50
1.4	16QAM	3	3	20.50	20.70	20.50	22.50
1.4	16QAM	6	0	20.44	20.69	20.38	21.50
1.4	64QAM	1	0	20.63	21.00	20.80	21.50
1.4	64QAM	1	3	20.55	20.71	20.48	21.50
1.4	64QAM	1	5	20.47	20.68	20.39	21.50
1.4	64QAM	3	0	19.51	19.69	19.51	21.50

1.4	64QAM	3	1	19.58	19.68	19.51	21.50
1.4	64QAM	3	3	19.50	19.56	19.50	21.50
1.4	64QAM	6	0	19.39	19.69	19.44	20.50
1.4	256QAM	1	0	17.54	17.78	17.56	18.50
1.4	256QAM	1	3	17.33	17.50	17.25	18.50
1.4	256QAM	1	5	17.51	17.78	17.66	18.50
1.4	256QAM	3	0	17.44	17.61	17.36	18.50
1.4	256QAM	3	1	17.37	17.57	17.35	18.50
1.4	256QAM	3	3	17.53	17.60	17.49	18.50
1.4	256QAM	6	0	17.42	17.70	17.41	18.50

【LTE Band 4_Ant 6_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	Tune-up limit (dBm)
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	21.35	21.49	21.31	22.50
20	QPSK	1	49	20.89	21.12	20.80	22.50
20	QPSK	1	99	20.92	21.14	20.87	22.50
20	QPSK	50	0	21.00	21.26	21.05	21.50
20	QPSK	50	24	21.03	21.23	20.97	21.50
20	QPSK	50	50	21.08	21.25	21.02	21.50
20	QPSK	100	0	21.10	21.29	20.96	22.50
20	16QAM	1	0	21.12	21.40	21.17	22.50
20	16QAM	1	49	21.20	21.45	21.24	22.50
20	16QAM	1	99	21.19	21.41	21.20	22.50
20	16QAM	50	0	20.55	20.72	20.53	21.50
20	16QAM	50	24	20.52	20.70	20.42	21.50
20	16QAM	50	50	20.47	20.75	20.50	21.50
20	16QAM	100	0	20.52	20.77	20.52	21.50
20	64QAM	1	0	20.73	21.02	20.81	21.50
20	64QAM	1	49	20.65	20.82	20.52	21.50
20	64QAM	1	99	20.62	20.77	20.53	21.50
20	64QAM	50	0	19.53	19.72	19.53	20.50
20	64QAM	50	24	19.59	19.77	19.53	20.50
20	64QAM	50	50	19.43	19.68	19.42	20.50
20	64QAM	100	0	19.52	19.72	19.53	20.50
20	256QAM	1	0	17.66	17.85	17.69	18.50
20	256QAM	1	49	17.41	17.63	17.36	18.50
20	256QAM	1	99	17.64	17.86	17.68	18.50
20	256QAM	50	0	17.56	17.76	17.49	18.50
20	256QAM	50	24	17.45	17.62	17.38	18.50
20	256QAM	50	50	17.56	17.70	17.51	18.50
20	256QAM	100	0	17.45	17.71	17.52	18.50
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	21.22	21.43	21.16	22.50
15	QPSK	1	37	20.77	21.01	20.78	22.50
15	QPSK	1	74	20.77	21.10	20.80	22.50
15	QPSK	36	0	20.87	21.19	20.95	21.50
15	QPSK	36	20	21.02	21.13	20.87	21.50
15	QPSK	36	39	21.06	21.16	20.97	21.50
15	QPSK	75	0	20.97	21.16	20.91	22.50
15	16QAM	1	0	21.04	21.37	21.10	22.50
15	16QAM	1	37	21.16	21.31	21.10	22.50
15	16QAM	1	74	21.11	21.38	21.12	22.50
15	16QAM	36	0	20.50	20.66	20.46	21.50
15	16QAM	36	20	20.45	20.57	20.38	21.50
15	16QAM	36	39	20.35	20.65	20.44	21.50
15	16QAM	75	0	20.48	20.74	20.50	21.50
15	64QAM	1	0	20.59	20.94	20.68	21.50
15	64QAM	1	37	20.60	20.71	20.43	21.50
15	64QAM	1	74	20.58	20.73	20.40	21.50
15	64QAM	36	0	19.40	19.65	19.38	20.50
15	64QAM	36	20	19.46	19.70	19.46	20.50
15	64QAM	36	39	19.38	19.63	19.28	20.50
15	64QAM	75	0	19.46	19.69	19.51	20.50
15	256QAM	1	0	17.55	17.75	17.58	18.50
15	256QAM	1	37	17.26	17.52	17.33	18.50
15	256QAM	1	74	17.52	17.81	17.58	18.50
15	256QAM	36	0	17.44	17.70	17.38	18.50
15	256QAM	36	20	17.33	17.52	17.33	18.50

15	256QAM	36	39	17.44	17.60	17.47	18.50
15	256QAM	75	0	17.43	17.68	17.42	18.50
Channel				20000	20175	20350	Tune-up limit
Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	21.24	21.47	21.16	22.50
10	QPSK	1	25	20.82	21.00	20.71	22.50
10	QPSK	1	49	20.79	21.04	20.74	22.50
10	QPSK	25	0	20.86	21.13	20.93	21.50
10	QPSK	25	12	20.89	21.19	20.91	21.50
10	QPSK	25	25	20.99	21.10	20.98	21.50
10	QPSK	50	0	20.98	21.16	20.92	22.50
10	16QAM	1	0	21.02	21.36	21.16	22.50
10	16QAM	1	25	21.17	21.40	21.18	22.50
10	16QAM	1	49	21.12	21.28	21.17	22.50
10	16QAM	25	0	20.42	20.61	20.44	21.50
10	16QAM	25	12	20.46	20.58	20.31	21.50
10	16QAM	25	25	20.42	20.72	20.48	21.50
10	16QAM	50	0	20.44	20.70	20.50	21.50
10	64QAM	1	0	20.71	20.99	20.75	21.50
10	64QAM	1	25	20.57	20.76	20.38	21.50
10	64QAM	1	49	20.48	20.65	20.46	21.50
10	64QAM	25	0	19.48	19.58	19.42	20.50
10	64QAM	25	12	19.51	19.64	19.41	20.50
10	64QAM	25	25	19.29	19.58	19.30	20.50
10	64QAM	50	0	19.39	19.65	19.42	20.50
10	256QAM	1	0	17.63	17.83	17.68	18.50
10	256QAM	1	25	17.39	17.56	17.31	18.50
10	256QAM	1	49	17.63	17.74	17.63	18.50
10	256QAM	25	0	17.48	17.63	17.40	18.50
10	256QAM	25	12	17.33	17.57	17.29	18.50
10	256QAM	25	25	17.46	17.65	17.50	18.50
10	256QAM	50	0	17.36	17.69	17.49	18.50
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	21.27	21.37	21.17	22.50
5	QPSK	1	12	20.85	21.07	20.74	22.50
5	QPSK	1	24	20.78	21.02	20.86	22.50
5	QPSK	12	0	20.89	21.14	20.94	21.50
5	QPSK	12	7	21.01	21.20	20.90	21.50
5	QPSK	12	13	21.03	21.23	20.96	21.50
5	QPSK	25	0	21.09	21.19	20.93	22.50
5	16QAM	1	0	20.99	21.25	21.08	22.50
5	16QAM	1	12	21.09	21.31	21.16	22.50
5	16QAM	1	24	21.11	21.37	21.09	22.50
5	16QAM	12	0	20.48	20.70	20.41	21.50
5	16QAM	12	7	20.46	20.58	20.33	21.50
5	16QAM	12	13	20.43	20.68	20.43	21.50
5	16QAM	25	0	20.43	20.73	20.40	21.50
5	64QAM	1	0	20.64	20.90	20.72	21.50
5	64QAM	1	12	20.52	20.69	20.42	21.50
5	64QAM	1	24	20.58	20.74	20.51	21.50
5	64QAM	12	0	19.40	19.60	19.40	20.50
5	64QAM	12	7	19.52	19.63	19.38	20.50
5	64QAM	12	13	19.39	19.57	19.35	20.50
5	64QAM	25	0	19.42	19.67	19.49	20.50
5	256QAM	1	0	17.56	17.78	17.55	18.50
5	256QAM	1	12	17.35	17.54	17.29	18.50
5	256QAM	1	24	17.53	17.77	17.66	18.50
5	256QAM	12	0	17.42	17.63	17.39	18.50
5	256QAM	12	7	17.42	17.60	17.27	18.50
5	256QAM	12	13	17.53	17.58	17.46	18.50
5	256QAM	25	0	17.42	17.64	17.51	18.50
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	21.25	21.46	21.24	22.50
3	QPSK	1	8	20.88	21.05	20.69	22.50
3	QPSK	1	14	20.84	20.99	20.75	22.50
3	QPSK	8	0	20.90	21.11	20.94	21.50
3	QPSK	8	4	20.99	21.18	20.84	21.50
3	QPSK	8	7	21.02	21.21	20.90	21.50
3	QPSK	15	0	20.99	21.22	20.86	22.50
3	16QAM	1	0	21.09	21.32	21.14	22.50
3	16QAM	1	8	21.18	21.43	21.11	22.50
3	16QAM	1	14	21.04	21.30	21.07	22.50
3	16QAM	8	0	20.50	20.59	20.43	21.50
3	16QAM	8	4	20.43	20.61	20.28	21.50
3	16QAM	8	7	20.36	20.73	20.47	21.50

3	16QAM	15	0	20.47	20.62	20.43	21.50
3	64QAM	1	0	20.71	20.92	20.79	21.50
3	64QAM	1	8	20.59	20.69	20.38	21.50
3	64QAM	1	14	20.50	20.65	20.51	21.50
3	64QAM	8	0	19.51	19.59	19.46	20.50
3	64QAM	8	4	19.50	19.75	19.44	20.50
3	64QAM	8	7	19.34	19.64	19.37	20.50
3	64QAM	15	0	19.50	19.63	19.48	20.50
3	256QAM	1	0	17.60	17.71	17.63	18.50
3	256QAM	1	8	17.31	17.58	17.33	18.50
3	256QAM	1	14	17.53	17.77	17.61	18.50
3	256QAM	8	0	17.43	17.67	17.46	18.50
3	256QAM	8	4	17.33	17.47	17.23	18.50
3	256QAM	8	7	17.46	17.61	17.39	18.50
3	256QAM	15	0	17.42	17.62	17.45	18.50
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	21.21	21.37	21.29	22.50
1.4	QPSK	1	3	20.86	21.06	20.68	22.50
1.4	QPSK	1	5	20.78	21.00	20.85	22.50
1.4	QPSK	3	0	20.98	21.16	20.99	22.50
1.4	QPSK	3	1	20.92	21.09	20.96	22.50
1.4	QPSK	3	3	21.04	21.11	20.95	22.50
1.4	QPSK	6	0	21.07	21.15	20.82	22.50
1.4	16QAM	1	0	21.02	21.28	21.09	22.50
1.4	16QAM	1	3	21.10	21.35	21.11	22.50
1.4	16QAM	1	5	21.08	21.36	21.07	22.50
1.4	16QAM	3	0	20.50	20.64	20.50	22.50
1.4	16QAM	3	1	20.50	20.67	20.51	22.50
1.4	16QAM	3	3	20.50	20.70	20.50	22.50
1.4	16QAM	6	0	20.44	20.69	20.38	21.50
1.4	64QAM	1	0	20.63	21.00	20.80	21.50
1.4	64QAM	1	3	20.55	20.71	20.48	21.50
1.4	64QAM	1	5	20.47	20.68	20.39	21.50
1.4	64QAM	3	0	19.51	19.69	19.51	21.50
1.4	64QAM	3	1	19.58	19.68	19.51	21.50
1.4	64QAM	3	3	19.50	19.56	19.50	21.50
1.4	64QAM	6	0	19.39	19.69	19.44	20.50
1.4	256QAM	1	0	17.54	17.78	17.56	18.50
1.4	256QAM	1	3	17.33	17.50	17.25	18.50
1.4	256QAM	1	5	17.51	17.78	17.66	18.50
1.4	256QAM	3	0	17.44	17.61	17.36	18.50
1.4	256QAM	3	1	17.37	17.57	17.35	18.50
1.4	256QAM	3	3	17.53	17.60	17.49	18.50
1.4	256QAM	6	0	17.42	17.70	17.41	18.50

【LTE Band 4_Ant 6_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	21.35	21.49	21.31	22.50
20	QPSK	1	49	20.89	21.12	20.80	22.50
20	QPSK	1	99	20.92	21.14	20.87	22.50
20	QPSK	50	0	21.00	21.26	21.05	21.50
20	QPSK	50	24	21.03	21.23	20.97	21.50
20	QPSK	50	50	21.08	21.25	21.02	21.50
20	QPSK	100	0	21.10	21.29	20.96	22.50
20	16QAM	1	0	21.12	21.40	21.17	22.50
20	16QAM	1	49	21.20	21.45	21.24	22.50
20	16QAM	1	99	21.19	21.41	21.20	22.50
20	16QAM	50	0	20.55	20.72	20.53	21.50
20	16QAM	50	24	20.52	20.70	20.42	21.50
20	16QAM	50	50	20.47	20.75	20.50	21.50
20	16QAM	100	0	20.52	20.77	20.52	21.50
20	64QAM	1	0	20.73	21.02	20.81	21.50
20	64QAM	1	49	20.65	20.82	20.52	21.50
20	64QAM	1	99	20.62	20.77	20.53	21.50
20	64QAM	50	0	19.53	19.72	19.53	20.50
20	64QAM	50	24	19.59	19.77	19.53	20.50
20	64QAM	50	50	19.43	19.68	19.42	20.50
20	64QAM	100	0	19.52	19.72	19.53	20.50

20	256QAM	1	0	17.66	17.85	17.69	18.50
20	256QAM	1	49	17.41	17.63	17.36	18.50
20	256QAM	1	99	17.64	17.86	17.68	18.50
20	256QAM	50	0	17.56	17.76	17.49	18.50
20	256QAM	50	24	17.45	17.62	17.38	18.50
20	256QAM	50	50	17.56	17.70	17.51	18.50
20	256QAM	100	0	17.45	17.71	17.52	18.50
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	21.22	21.43	21.16	22.50
15	QPSK	1	37	20.77	21.01	20.78	22.50
15	QPSK	1	74	20.77	21.10	20.80	22.50
15	QPSK	36	0	20.87	21.19	20.95	21.50
15	QPSK	36	20	21.02	21.13	20.87	21.50
15	QPSK	36	39	21.06	21.16	20.97	21.50
15	QPSK	75	0	20.97	21.16	20.91	22.50
15	16QAM	1	0	21.04	21.37	21.10	22.50
15	16QAM	1	37	21.16	21.31	21.10	22.50
15	16QAM	1	74	21.11	21.38	21.12	22.50
15	16QAM	36	0	20.50	20.66	20.46	21.50
15	16QAM	36	20	20.45	20.57	20.38	21.50
15	16QAM	36	39	20.35	20.65	20.44	21.50
15	16QAM	75	0	20.48	20.74	20.50	21.50
15	64QAM	1	0	20.59	20.94	20.68	21.50
15	64QAM	1	37	20.60	20.71	20.43	21.50
15	64QAM	1	74	20.58	20.73	20.40	21.50
15	64QAM	36	0	19.40	19.65	19.38	20.50
15	64QAM	36	20	19.46	19.70	19.46	20.50
15	64QAM	36	39	19.38	19.63	19.28	20.50
15	64QAM	75	0	19.46	19.69	19.51	20.50
15	256QAM	1	0	17.55	17.75	17.58	18.50
15	256QAM	1	37	17.26	17.52	17.33	18.50
15	256QAM	1	74	17.52	17.81	17.58	18.50
15	256QAM	36	0	17.44	17.70	17.38	18.50
15	256QAM	36	20	17.33	17.52	17.33	18.50
15	256QAM	36	39	17.44	17.60	17.47	18.50
15	256QAM	75	0	17.43	17.68	17.42	18.50
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	21.24	21.47	21.16	22.50
10	QPSK	1	25	20.82	21.00	20.71	22.50
10	QPSK	1	49	20.79	21.04	20.74	22.50
10	QPSK	25	0	20.86	21.13	20.93	21.50
10	QPSK	25	12	20.89	21.19	20.91	21.50
10	QPSK	25	25	20.99	21.10	20.98	21.50
10	QPSK	50	0	20.98	21.16	20.92	22.50
10	16QAM	1	0	21.02	21.36	21.16	22.50
10	16QAM	1	25	21.17	21.40	21.18	22.50
10	16QAM	1	49	21.12	21.28	21.17	22.50
10	16QAM	25	0	20.42	20.61	20.44	21.50
10	16QAM	25	12	20.46	20.58	20.31	21.50
10	16QAM	25	25	20.42	20.72	20.48	21.50
10	16QAM	50	0	20.44	20.70	20.50	21.50
10	64QAM	1	0	20.71	20.99	20.75	21.50
10	64QAM	1	25	20.57	20.76	20.38	21.50
10	64QAM	1	49	20.48	20.65	20.46	21.50
10	64QAM	25	0	19.48	19.58	19.42	20.50
10	64QAM	25	12	19.51	19.64	19.41	20.50
10	64QAM	25	25	19.29	19.58	19.30	20.50
10	64QAM	50	0	19.39	19.65	19.42	20.50
10	256QAM	1	0	17.63	17.83	17.68	18.50
10	256QAM	1	25	17.39	17.56	17.31	18.50
10	256QAM	1	49	17.63	17.74	17.63	18.50
10	256QAM	25	0	17.48	17.63	17.40	18.50
10	256QAM	25	12	17.33	17.57	17.29	18.50
10	256QAM	25	25	17.46	17.65	17.50	18.50
10	256QAM	50	0	17.36	17.69	17.49	18.50
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	21.27	21.37	21.17	22.50
5	QPSK	1	12	20.85	21.07	20.74	22.50
5	QPSK	1	24	20.78	21.02	20.86	22.50
5	QPSK	12	0	20.89	21.14	20.94	21.50
5	QPSK	12	7	21.01	21.20	20.90	21.50
5	QPSK	12	13	21.03	21.23	20.96	21.50
5	QPSK	25	0	21.09	21.19	20.93	22.50
5	16QAM	1	0	20.99	21.25	21.08	22.50

5	16QAM	1	12	21.09	21.31	21.16	22.50
5	16QAM	1	24	21.11	21.37	21.09	22.50
5	16QAM	12	0	20.48	20.70	20.41	21.50
5	16QAM	12	7	20.46	20.58	20.33	21.50
5	16QAM	12	13	20.43	20.68	20.43	21.50
5	16QAM	25	0	20.43	20.73	20.40	21.50
5	64QAM	1	0	20.64	20.90	20.72	21.50
5	64QAM	1	12	20.52	20.69	20.42	21.50
5	64QAM	1	24	20.58	20.74	20.51	21.50
5	64QAM	12	0	19.40	19.60	19.40	20.50
5	64QAM	12	7	19.52	19.63	19.38	20.50
5	64QAM	12	13	19.39	19.57	19.35	20.50
5	64QAM	25	0	19.42	19.67	19.49	20.50
5	256QAM	1	0	17.56	17.78	17.55	18.50
5	256QAM	1	12	17.35	17.54	17.29	18.50
5	256QAM	1	24	17.53	17.77	17.66	18.50
5	256QAM	12	0	17.42	17.63	17.39	18.50
5	256QAM	12	7	17.42	17.60	17.27	18.50
5	256QAM	12	13	17.53	17.58	17.46	18.50
5	256QAM	25	0	17.42	17.64	17.51	18.50
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	21.25	21.46	21.24	22.50
3	QPSK	1	8	20.88	21.05	20.69	22.50
3	QPSK	1	14	20.84	20.99	20.75	22.50
3	QPSK	8	0	20.90	21.11	20.94	21.50
3	QPSK	8	4	20.99	21.18	20.84	21.50
3	QPSK	8	7	21.02	21.21	20.90	21.50
3	QPSK	15	0	20.99	21.22	20.86	22.50
3	16QAM	1	0	21.09	21.32	21.14	22.50
3	16QAM	1	8	21.18	21.43	21.11	22.50
3	16QAM	1	14	21.04	21.30	21.07	22.50
3	16QAM	8	0	20.50	20.59	20.43	21.50
3	16QAM	8	4	20.43	20.61	20.28	21.50
3	16QAM	8	7	20.36	20.73	20.47	21.50
3	16QAM	15	0	20.47	20.62	20.43	21.50
3	64QAM	1	0	20.71	20.92	20.79	21.50
3	64QAM	1	8	20.59	20.69	20.38	21.50
3	64QAM	1	14	20.50	20.65	20.51	21.50
3	64QAM	8	0	19.51	19.59	19.46	20.50
3	64QAM	8	4	19.50	19.75	19.44	20.50
3	64QAM	8	7	19.34	19.64	19.37	20.50
3	64QAM	15	0	19.50	19.63	19.48	20.50
3	256QAM	1	0	17.60	17.71	17.63	18.50
3	256QAM	1	8	17.31	17.58	17.33	18.50
3	256QAM	1	14	17.53	17.77	17.61	18.50
3	256QAM	8	0	17.43	17.67	17.46	18.50
3	256QAM	8	4	17.33	17.47	17.23	18.50
3	256QAM	8	7	17.46	17.61	17.39	18.50
3	256QAM	15	0	17.42	17.62	17.45	18.50
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	21.21	21.37	21.29	22.50
1.4	QPSK	1	3	20.86	21.06	20.68	22.50
1.4	QPSK	1	5	20.78	21.00	20.85	22.50
1.4	QPSK	3	0	20.98	21.16	20.99	22.50
1.4	QPSK	3	1	20.92	21.09	20.96	22.50
1.4	QPSK	3	3	21.04	21.11	20.95	22.50
1.4	QPSK	6	0	21.07	21.15	20.82	22.50
1.4	16QAM	1	0	21.02	21.28	21.09	22.50
1.4	16QAM	1	3	21.10	21.35	21.11	22.50
1.4	16QAM	1	5	21.08	21.36	21.07	22.50
1.4	16QAM	3	0	20.50	20.64	20.50	22.50
1.4	16QAM	3	1	20.50	20.67	20.51	22.50
1.4	16QAM	3	3	20.50	20.70	20.50	22.50
1.4	16QAM	6	0	20.44	20.69	20.38	21.50
1.4	64QAM	1	0	20.63	21.00	20.80	21.50
1.4	64QAM	1	3	20.55	20.71	20.48	21.50
1.4	64QAM	1	5	20.47	20.68	20.39	21.50
1.4	64QAM	3	0	19.51	19.69	19.51	21.50
1.4	64QAM	3	1	19.58	19.68	19.51	21.50
1.4	64QAM	3	3	19.50	19.56	19.50	21.50
1.4	64QAM	6	0	19.39	19.69	19.44	20.50
1.4	256QAM	1	0	17.54	17.78	17.56	18.50
1.4	256QAM	1	3	17.33	17.50	17.25	18.50
1.4	256QAM	1	5	17.51	17.78	17.66	18.50
1.4	256QAM	3	0	17.44	17.61	17.36	18.50

1.4	256QAM	3	1	17.37	17.57	17.35	18.50
1.4	256QAM	3	3	17.53	17.60	17.49	18.50
1.4	256QAM	6	0	17.42	17.70	17.41	18.50

【LTE Band 4_Ant 6_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	Tune-up limit (dBm)
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	21.35	21.49	21.31	22.50
20	QPSK	1	49	20.89	21.12	20.80	22.50
20	QPSK	1	99	20.92	21.14	20.87	22.50
20	QPSK	50	0	21.00	21.26	21.05	21.50
20	QPSK	50	24	21.03	21.23	20.97	21.50
20	QPSK	50	50	21.08	21.25	21.02	21.50
20	QPSK	100	0	21.10	21.29	20.96	22.50
20	16QAM	1	0	21.12	21.40	21.17	22.50
20	16QAM	1	49	21.20	21.45	21.24	22.50
20	16QAM	1	99	21.19	21.41	21.20	22.50
20	16QAM	50	0	20.55	20.72	20.53	21.50
20	16QAM	50	24	20.52	20.70	20.42	21.50
20	16QAM	50	50	20.47	20.75	20.50	21.50
20	16QAM	100	0	20.52	20.77	20.52	21.50
20	64QAM	1	0	20.73	21.02	20.81	21.50
20	64QAM	1	49	20.65	20.82	20.52	21.50
20	64QAM	1	99	20.62	20.77	20.53	21.50
20	64QAM	50	0	19.53	19.72	19.53	20.50
20	64QAM	50	24	19.59	19.77	19.53	20.50
20	64QAM	50	50	19.43	19.68	19.42	20.50
20	64QAM	100	0	19.52	19.72	19.53	20.50
20	256QAM	1	0	17.66	17.85	17.69	18.50
20	256QAM	1	49	17.41	17.63	17.36	18.50
20	256QAM	1	99	17.64	17.86	17.68	18.50
20	256QAM	50	0	17.56	17.76	17.49	18.50
20	256QAM	50	24	17.45	17.62	17.38	18.50
20	256QAM	50	50	17.56	17.70	17.51	18.50
20	256QAM	100	0	17.45	17.71	17.52	18.50
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	21.22	21.43	21.16	22.50
15	QPSK	1	37	20.77	21.01	20.78	22.50
15	QPSK	1	74	20.77	21.10	20.80	22.50
15	QPSK	36	0	20.87	21.19	20.95	21.50
15	QPSK	36	20	21.02	21.13	20.87	21.50
15	QPSK	36	39	21.06	21.16	20.97	21.50
15	QPSK	75	0	20.97	21.16	20.91	22.50
15	16QAM	1	0	21.04	21.37	21.10	22.50
15	16QAM	1	37	21.16	21.31	21.10	22.50
15	16QAM	1	74	21.11	21.38	21.12	22.50
15	16QAM	36	0	20.50	20.66	20.46	21.50
15	16QAM	36	20	20.45	20.57	20.38	21.50
15	16QAM	36	39	20.35	20.65	20.44	21.50
15	16QAM	75	0	20.48	20.74	20.50	21.50
15	64QAM	1	0	20.59	20.94	20.68	21.50
15	64QAM	1	37	20.60	20.71	20.43	21.50
15	64QAM	1	74	20.58	20.73	20.40	21.50
15	64QAM	36	0	19.40	19.65	19.38	20.50
15	64QAM	36	20	19.46	19.70	19.46	20.50
15	64QAM	36	39	19.38	19.63	19.28	20.50
15	64QAM	75	0	19.46	19.69	19.51	20.50
15	256QAM	1	0	17.55	17.75	17.58	18.50
15	256QAM	1	37	17.26	17.52	17.33	18.50
15	256QAM	1	74	17.52	17.81	17.58	18.50
15	256QAM	36	0	17.44	17.70	17.38	18.50
15	256QAM	36	20	17.33	17.52	17.33	18.50
15	256QAM	36	39	17.44	17.60	17.47	18.50
15	256QAM	75	0	17.43	17.68	17.42	18.50
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	21.24	21.47	21.16	22.50
10	QPSK	1	25	20.82	21.00	20.71	22.50
10	QPSK	1	49	20.79	21.04	20.74	22.50

10	QPSK	25	0	20.86	21.13	20.93	21.50
10	QPSK	25	12	20.89	21.19	20.91	21.50
10	QPSK	25	25	20.99	21.10	20.98	21.50
10	QPSK	50	0	20.98	21.16	20.92	22.50
10	16QAM	1	0	21.02	21.36	21.16	22.50
10	16QAM	1	25	21.17	21.40	21.18	22.50
10	16QAM	1	49	21.12	21.28	21.17	22.50
10	16QAM	25	0	20.42	20.61	20.44	21.50
10	16QAM	25	12	20.46	20.58	20.31	21.50
10	16QAM	25	25	20.42	20.72	20.48	21.50
10	16QAM	50	0	20.44	20.70	20.50	21.50
10	64QAM	1	0	20.71	20.99	20.75	21.50
10	64QAM	1	25	20.57	20.76	20.38	21.50
10	64QAM	1	49	20.48	20.65	20.46	21.50
10	64QAM	25	0	19.48	19.58	19.42	20.50
10	64QAM	25	12	19.51	19.64	19.41	20.50
10	64QAM	25	25	19.29	19.58	19.30	20.50
10	64QAM	50	0	19.39	19.65	19.42	20.50
10	256QAM	1	0	17.63	17.83	17.68	18.50
10	256QAM	1	25	17.39	17.56	17.31	18.50
10	256QAM	1	49	17.63	17.74	17.63	18.50
10	256QAM	25	0	17.48	17.63	17.40	18.50
10	256QAM	25	12	17.33	17.57	17.29	18.50
10	256QAM	25	25	17.46	17.65	17.50	18.50
10	256QAM	50	0	17.36	17.69	17.49	18.50
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	21.27	21.37	21.17	22.50
5	QPSK	1	12	20.85	21.07	20.74	22.50
5	QPSK	1	24	20.78	21.02	20.86	22.50
5	QPSK	12	0	20.89	21.14	20.94	21.50
5	QPSK	12	7	21.01	21.20	20.90	21.50
5	QPSK	12	13	21.03	21.23	20.96	21.50
5	QPSK	25	0	21.09	21.19	20.93	22.50
5	16QAM	1	0	20.99	21.25	21.08	22.50
5	16QAM	1	12	21.09	21.31	21.16	22.50
5	16QAM	1	24	21.11	21.37	21.09	22.50
5	16QAM	12	0	20.48	20.70	20.41	21.50
5	16QAM	12	7	20.46	20.58	20.33	21.50
5	16QAM	12	13	20.43	20.68	20.43	21.50
5	16QAM	25	0	20.43	20.73	20.40	21.50
5	64QAM	1	0	20.64	20.90	20.72	21.50
5	64QAM	1	12	20.52	20.69	20.42	21.50
5	64QAM	1	24	20.58	20.74	20.51	21.50
5	64QAM	12	0	19.40	19.60	19.40	20.50
5	64QAM	12	7	19.52	19.63	19.38	20.50
5	64QAM	12	13	19.39	19.57	19.35	20.50
5	64QAM	25	0	19.42	19.67	19.49	20.50
5	256QAM	1	0	17.56	17.78	17.55	18.50
5	256QAM	1	12	17.35	17.54	17.29	18.50
5	256QAM	1	24	17.53	17.77	17.66	18.50
5	256QAM	12	0	17.42	17.63	17.39	18.50
5	256QAM	12	7	17.42	17.60	17.27	18.50
5	256QAM	12	13	17.53	17.58	17.46	18.50
5	256QAM	25	0	17.42	17.64	17.51	18.50
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	21.25	21.46	21.24	22.50
3	QPSK	1	8	20.88	21.05	20.69	22.50
3	QPSK	1	14	20.84	20.99	20.75	22.50
3	QPSK	8	0	20.90	21.11	20.94	21.50
3	QPSK	8	4	20.99	21.18	20.84	21.50
3	QPSK	8	7	21.02	21.21	20.90	21.50
3	QPSK	15	0	20.99	21.22	20.86	22.50
3	16QAM	1	0	21.09	21.32	21.14	22.50
3	16QAM	1	8	21.18	21.43	21.11	22.50
3	16QAM	1	14	21.04	21.30	21.07	22.50
3	16QAM	8	0	20.50	20.59	20.43	21.50
3	16QAM	8	4	20.43	20.61	20.28	21.50
3	16QAM	8	7	20.36	20.73	20.47	21.50
3	16QAM	15	0	20.47	20.62	20.43	21.50
3	64QAM	1	0	20.71	20.92	20.79	21.50
3	64QAM	1	8	20.59	20.69	20.38	21.50
3	64QAM	1	14	20.50	20.65	20.51	21.50
3	64QAM	8	0	19.51	19.59	19.46	20.50
3	64QAM	8	4	19.50	19.75	19.44	20.50
3	64QAM	8	7	19.34	19.64	19.37	20.50

3	64QAM	15	0	19.50	19.63	19.48	20.50
3	256QAM	1	0	17.60	17.71	17.63	18.50
3	256QAM	1	8	17.31	17.58	17.33	18.50
3	256QAM	1	14	17.53	17.77	17.61	18.50
3	256QAM	8	0	17.43	17.67	17.46	18.50
3	256QAM	8	4	17.33	17.47	17.23	18.50
3	256QAM	8	7	17.46	17.61	17.39	18.50
3	256QAM	15	0	17.42	17.62	17.45	18.50
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	21.21	21.37	21.29	22.50
1.4	QPSK	1	3	20.86	21.06	20.68	22.50
1.4	QPSK	1	5	20.78	21.00	20.85	22.50
1.4	QPSK	3	0	20.98	21.16	20.99	22.50
1.4	QPSK	3	1	20.92	21.09	20.96	22.50
1.4	QPSK	3	3	21.04	21.11	20.95	22.50
1.4	QPSK	6	0	21.07	21.15	20.82	22.50
1.4	16QAM	1	0	21.02	21.28	21.09	22.50
1.4	16QAM	1	3	21.10	21.35	21.11	22.50
1.4	16QAM	1	5	21.08	21.36	21.07	22.50
1.4	16QAM	3	0	20.50	20.64	20.50	22.50
1.4	16QAM	3	1	20.50	20.67	20.51	22.50
1.4	16QAM	3	3	20.50	20.70	20.50	22.50
1.4	16QAM	6	0	20.44	20.69	20.38	21.50
1.4	64QAM	1	0	20.63	21.00	20.80	21.50
1.4	64QAM	1	3	20.55	20.71	20.48	21.50
1.4	64QAM	1	5	20.47	20.68	20.39	21.50
1.4	64QAM	3	0	19.51	19.69	19.51	21.50
1.4	64QAM	3	1	19.58	19.68	19.51	21.50
1.4	64QAM	3	3	19.50	19.56	19.50	21.50
1.4	64QAM	6	0	19.39	19.69	19.44	20.50
1.4	256QAM	1	0	17.54	17.78	17.56	18.50
1.4	256QAM	1	3	17.33	17.50	17.25	18.50
1.4	256QAM	1	5	17.51	17.78	17.66	18.50
1.4	256QAM	3	0	17.44	17.61	17.36	18.50
1.4	256QAM	3	1	17.37	17.57	17.35	18.50
1.4	256QAM	3	3	17.53	17.60	17.49	18.50
1.4	256QAM	6	0	17.42	17.70	17.41	18.50

【LTE Band 4_Ant 6_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	21.35	21.49	21.31	22.40
20	QPSK	1	49	20.89	21.12	20.80	22.40
20	QPSK	1	99	20.92	21.14	20.87	22.40
20	QPSK	50	0	21.00	21.26	21.05	21.50
20	QPSK	50	24	21.03	21.23	20.97	21.50
20	QPSK	50	50	21.08	21.25	21.02	21.50
20	QPSK	100	0	21.10	21.29	20.96	22.40
20	16QAM	1	0	21.12	21.40	21.17	22.40
20	16QAM	1	49	21.20	21.45	21.24	22.40
20	16QAM	1	99	21.19	21.41	21.20	22.40
20	16QAM	50	0	20.55	20.72	20.53	21.50
20	16QAM	50	24	20.52	20.70	20.42	21.50
20	16QAM	50	50	20.47	20.75	20.50	21.50
20	16QAM	100	0	20.52	20.77	20.52	21.50
20	64QAM	1	0	20.73	21.02	20.81	21.50
20	64QAM	1	49	20.65	20.82	20.52	21.50
20	64QAM	1	99	20.62	20.77	20.53	21.50
20	64QAM	50	0	19.53	19.72	19.53	20.50
20	64QAM	50	24	19.59	19.77	19.53	20.50
20	64QAM	50	50	19.43	19.68	19.42	20.50
20	64QAM	100	0	19.52	19.72	19.53	20.50
20	256QAM	1	0	17.66	17.85	17.69	18.50
20	256QAM	1	49	17.41	17.63	17.36	18.50
20	256QAM	1	99	17.64	17.86	17.68	18.50
20	256QAM	50	0	17.56	17.76	17.49	18.50
20	256QAM	50	24	17.45	17.62	17.38	18.50
20	256QAM	50	50	17.56	17.70	17.51	18.50
20	256QAM	100	0	17.45	17.71	17.52	18.50

Channel				20025	20175	20325	Tune-up limit
Frequency (MHz)				1717.5	1732.5	1747.5	(dBm)
15	QPSK	1	0	21.22	21.43	21.16	22.40
15	QPSK	1	37	20.77	21.01	20.78	22.40
15	QPSK	1	74	20.77	21.10	20.80	22.40
15	QPSK	36	0	20.87	21.19	20.95	21.50
15	QPSK	36	20	21.02	21.13	20.87	21.50
15	QPSK	36	39	21.06	21.16	20.97	21.50
15	QPSK	75	0	20.97	21.16	20.91	22.40
15	16QAM	1	0	21.04	21.37	21.10	22.40
15	16QAM	1	37	21.16	21.31	21.10	22.40
15	16QAM	1	74	21.11	21.38	21.12	22.40
15	16QAM	36	0	20.50	20.66	20.46	21.50
15	16QAM	36	20	20.45	20.57	20.38	21.50
15	16QAM	36	39	20.35	20.65	20.44	21.50
15	16QAM	75	0	20.48	20.74	20.50	21.50
15	64QAM	1	0	20.59	20.94	20.68	21.50
15	64QAM	1	37	20.60	20.71	20.43	21.50
15	64QAM	1	74	20.58	20.73	20.40	21.50
15	64QAM	36	0	19.40	19.65	19.38	20.50
15	64QAM	36	20	19.46	19.70	19.46	20.50
15	64QAM	36	39	19.38	19.63	19.28	20.50
15	64QAM	75	0	19.46	19.69	19.51	20.50
15	256QAM	1	0	17.55	17.75	17.58	18.50
15	256QAM	1	37	17.26	17.52	17.33	18.50
15	256QAM	1	74	17.52	17.81	17.58	18.50
15	256QAM	36	0	17.44	17.70	17.38	18.50
15	256QAM	36	20	17.33	17.52	17.33	18.50
15	256QAM	36	39	17.44	17.60	17.47	18.50
15	256QAM	75	0	17.43	17.68	17.42	18.50
Channel				20000	20175	20350	Tune-up limit
Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	21.24	21.47	21.16	22.40
10	QPSK	1	25	20.82	21.00	20.71	22.40
10	QPSK	1	49	20.79	21.04	20.74	22.40
10	QPSK	25	0	20.86	21.13	20.93	21.50
10	QPSK	25	12	20.89	21.19	20.91	21.50
10	QPSK	25	25	20.99	21.10	20.98	21.50
10	QPSK	50	0	20.98	21.16	20.92	22.40
10	16QAM	1	0	21.02	21.36	21.16	22.40
10	16QAM	1	25	21.17	21.40	21.18	22.40
10	16QAM	1	49	21.12	21.28	21.17	22.40
10	16QAM	25	0	20.42	20.61	20.44	21.50
10	16QAM	25	12	20.46	20.58	20.31	21.50
10	16QAM	25	25	20.42	20.72	20.48	21.50
10	16QAM	50	0	20.44	20.70	20.50	21.50
10	64QAM	1	0	20.71	20.99	20.75	21.50
10	64QAM	1	25	20.57	20.76	20.38	21.50
10	64QAM	1	49	20.48	20.65	20.46	21.50
10	64QAM	25	0	19.48	19.58	19.42	20.50
10	64QAM	25	12	19.51	19.64	19.41	20.50
10	64QAM	25	25	19.29	19.58	19.30	20.50
10	64QAM	50	0	19.39	19.65	19.42	20.50
10	256QAM	1	0	17.63	17.83	17.68	18.50
10	256QAM	1	25	17.39	17.56	17.31	18.50
10	256QAM	1	49	17.63	17.74	17.63	18.50
10	256QAM	25	0	17.48	17.63	17.40	18.50
10	256QAM	25	12	17.33	17.57	17.29	18.50
10	256QAM	25	25	17.46	17.65	17.50	18.50
10	256QAM	50	0	17.36	17.69	17.49	18.50
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	21.27	21.37	21.17	22.40
5	QPSK	1	12	20.85	21.07	20.74	22.40
5	QPSK	1	24	20.78	21.02	20.86	22.40
5	QPSK	12	0	20.89	21.14	20.94	21.50
5	QPSK	12	7	21.01	21.20	20.90	21.50
5	QPSK	12	13	21.03	21.23	20.96	21.50
5	QPSK	25	0	21.09	21.19	20.93	22.40
5	16QAM	1	0	20.99	21.25	21.08	22.40
5	16QAM	1	12	21.09	21.31	21.16	22.40
5	16QAM	1	24	21.11	21.37	21.09	22.40
5	16QAM	12	0	20.48	20.70	20.41	21.50
5	16QAM	12	7	20.46	20.58	20.33	21.50
5	16QAM	12	13	20.43	20.68	20.43	21.50
5	16QAM	25	0	20.43	20.73	20.40	21.50
5	64QAM	1	0	20.64	20.90	20.72	21.50

5	64QAM	1	12	20.52	20.69	20.42	21.50
5	64QAM	1	24	20.58	20.74	20.51	21.50
5	64QAM	12	0	19.40	19.60	19.40	20.50
5	64QAM	12	7	19.52	19.63	19.38	20.50
5	64QAM	12	13	19.39	19.57	19.35	20.50
5	64QAM	25	0	19.42	19.67	19.49	20.50
5	256QAM	1	0	17.56	17.78	17.55	18.50
5	256QAM	1	12	17.35	17.54	17.29	18.50
5	256QAM	1	24	17.53	17.77	17.66	18.50
5	256QAM	12	0	17.42	17.63	17.39	18.50
5	256QAM	12	7	17.42	17.60	17.27	18.50
5	256QAM	12	13	17.53	17.58	17.46	18.50
5	256QAM	25	0	17.42	17.64	17.51	18.50
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	21.25	21.46	21.24	22.40
3	QPSK	1	8	20.88	21.05	20.69	22.40
3	QPSK	1	14	20.84	20.99	20.75	22.40
3	QPSK	8	0	20.90	21.11	20.94	21.50
3	QPSK	8	4	20.99	21.18	20.84	21.50
3	QPSK	8	7	21.02	21.21	20.90	21.50
3	QPSK	15	0	20.99	21.22	20.86	22.40
3	16QAM	1	0	21.09	21.32	21.14	22.40
3	16QAM	1	8	21.18	21.43	21.11	22.40
3	16QAM	1	14	21.04	21.30	21.07	22.40
3	16QAM	8	0	20.50	20.59	20.43	21.50
3	16QAM	8	4	20.43	20.61	20.28	21.50
3	16QAM	8	7	20.36	20.73	20.47	21.50
3	16QAM	15	0	20.47	20.62	20.43	21.50
3	64QAM	1	0	20.71	20.92	20.79	21.50
3	64QAM	1	8	20.59	20.69	20.38	21.50
3	64QAM	1	14	20.50	20.65	20.51	21.50
3	64QAM	8	0	19.51	19.59	19.46	20.50
3	64QAM	8	4	19.50	19.75	19.44	20.50
3	64QAM	8	7	19.34	19.64	19.37	20.50
3	64QAM	15	0	19.50	19.63	19.48	20.50
3	256QAM	1	0	17.60	17.71	17.63	18.50
3	256QAM	1	8	17.31	17.58	17.33	18.50
3	256QAM	1	14	17.53	17.77	17.61	18.50
3	256QAM	8	0	17.43	17.67	17.46	18.50
3	256QAM	8	4	17.33	17.47	17.23	18.50
3	256QAM	8	7	17.46	17.61	17.39	18.50
3	256QAM	15	0	17.42	17.62	17.45	18.50
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	21.21	21.37	21.29	22.40
1.4	QPSK	1	3	20.86	21.06	20.68	22.40
1.4	QPSK	1	5	20.78	21.00	20.85	22.40
1.4	QPSK	3	0	20.98	21.16	20.99	22.40
1.4	QPSK	3	1	20.92	21.09	20.96	22.40
1.4	QPSK	3	3	21.04	21.11	20.95	22.40
1.4	QPSK	6	0	21.07	21.15	20.82	22.40
1.4	16QAM	1	0	21.02	21.28	21.09	22.40
1.4	16QAM	1	3	21.10	21.35	21.11	22.40
1.4	16QAM	1	5	21.08	21.36	21.07	22.40
1.4	16QAM	3	0	20.50	20.64	20.50	22.40
1.4	16QAM	3	1	20.50	20.67	20.51	22.40
1.4	16QAM	3	3	20.50	20.70	20.50	22.40
1.4	16QAM	6	0	20.44	20.69	20.38	21.50
1.4	64QAM	1	0	20.63	21.00	20.80	21.50
1.4	64QAM	1	3	20.55	20.71	20.48	21.50
1.4	64QAM	1	5	20.47	20.68	20.39	21.50
1.4	64QAM	3	0	19.51	19.69	19.51	21.50
1.4	64QAM	3	1	19.58	19.68	19.51	21.50
1.4	64QAM	3	3	19.50	19.56	19.50	21.50
1.4	64QAM	6	0	19.39	19.69	19.44	20.50
1.4	256QAM	1	0	17.54	17.78	17.56	18.50
1.4	256QAM	1	3	17.33	17.50	17.25	18.50
1.4	256QAM	1	5	17.51	17.78	17.66	18.50
1.4	256QAM	3	0	17.44	17.61	17.36	18.50
1.4	256QAM	3	1	17.37	17.57	17.35	18.50
1.4	256QAM	3	3	17.53	17.60	17.49	18.50
1.4	256QAM	6	0	17.42	17.70	17.41	18.50

【LTE Band 4_Ant 6_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	Tune-up limit (dBm)
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	18.90	19.01	18.82	19.90
20	QPSK	1	49	18.51	18.88	18.55	19.90
20	QPSK	1	99	18.75	18.87	18.54	19.90
20	QPSK	50	0	18.80	19.00	18.68	19.90
20	QPSK	50	24	18.73	18.74	18.53	19.90
20	QPSK	50	50	18.58	18.83	18.50	19.90
20	QPSK	100	0	18.73	18.99	18.67	19.90
20	16QAM	1	0	18.59	18.95	18.52	19.90
20	16QAM	1	49	18.63	19.00	18.51	19.90
20	16QAM	1	99	18.81	18.91	18.65	19.90
20	16QAM	50	0	18.75	18.91	18.60	19.90
20	16QAM	50	24	18.52	18.94	18.67	19.90
20	16QAM	50	50	18.64	18.69	18.41	19.90
20	16QAM	100	0	18.46	18.92	18.52	19.90
20	64QAM	1	0	18.57	19.00	18.55	19.90
20	64QAM	1	49	18.60	18.96	18.48	19.90
20	64QAM	1	99	18.60	18.87	18.45	19.90
20	64QAM	50	0	18.81	18.87	18.59	19.90
20	64QAM	50	24	18.48	18.88	18.62	19.90
20	64QAM	50	50	18.70	18.84	18.55	19.90
20	64QAM	100	0	18.64	18.76	18.54	19.90
20	256QAM	1	0	17.04	17.24	16.95	18.70
20	256QAM	1	49	17.11	17.31	17.02	18.70
20	256QAM	1	99	17.12	17.32	16.88	18.70
20	256QAM	50	0	17.03	17.40	17.00	18.70
20	256QAM	50	24	17.14	17.42	17.23	18.70
20	256QAM	50	50	16.86	17.21	16.88	18.70
20	256QAM	100	0	17.08	17.29	17.11	18.70
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	18.82	18.92	18.68	19.90
15	QPSK	1	37	18.41	18.87	18.48	19.90
15	QPSK	1	74	18.67	18.84	18.50	19.90
15	QPSK	36	0	18.75	18.87	18.59	19.90
15	QPSK	36	20	18.68	18.67	18.46	19.90
15	QPSK	36	39	18.46	18.72	18.49	19.90
15	QPSK	75	0	18.66	18.95	18.58	19.90
15	16QAM	1	0	18.46	18.92	18.48	19.90
15	16QAM	1	37	18.55	18.88	18.45	19.90
15	16QAM	1	74	18.69	18.80	18.52	19.90
15	16QAM	36	0	18.65	18.89	18.53	19.90
15	16QAM	36	20	18.46	18.90	18.61	19.90
15	16QAM	36	39	18.62	18.57	18.41	19.90
15	16QAM	75	0	18.41	18.83	18.48	19.90
15	64QAM	1	0	18.50	18.86	18.40	19.90
15	64QAM	1	37	18.56	18.82	18.43	19.90
15	64QAM	1	74	18.50	18.82	18.41	19.90
15	64QAM	36	0	18.76	18.81	18.52	19.90
15	64QAM	36	20	18.41	18.80	18.55	19.90
15	64QAM	36	39	18.65	18.83	18.51	19.90
15	64QAM	75	0	18.62	18.64	18.45	19.90
15	256QAM	1	0	16.93	17.21	16.85	18.70
15	256QAM	1	37	17.01	17.30	16.93	18.70
15	256QAM	1	74	17.00	17.23	16.85	18.70
15	256QAM	36	0	16.90	17.38	16.97	18.70
15	256QAM	36	20	17.13	17.37	17.14	18.70
15	256QAM	36	39	16.76	17.19	16.80	18.70
15	256QAM	75	0	17.01	17.15	16.98	18.70
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	18.87	18.96	18.77	19.90
10	QPSK	1	25	18.47	18.78	18.47	19.90
10	QPSK	1	49	18.67	18.78	18.40	19.90
10	QPSK	25	0	18.72	18.92	18.54	19.90
10	QPSK	25	12	18.68	18.70	18.47	19.90
10	QPSK	25	25	18.44	18.69	18.44	19.90
10	QPSK	50	0	18.68	18.86	18.59	19.90
10	16QAM	1	0	18.46	18.94	18.48	19.90
10	16QAM	1	25	18.56	18.89	18.40	19.90
10	16QAM	1	49	18.73	18.87	18.60	19.90

10	16QAM	25	0	18.71	18.86	18.49	19.90
10	16QAM	25	12	18.50	18.92	18.53	19.90
10	16QAM	25	25	18.62	18.66	18.41	19.90
10	16QAM	50	0	18.42	18.84	18.42	19.90
10	64QAM	1	0	18.51	18.92	18.47	19.90
10	64QAM	1	25	18.50	18.82	18.40	19.90
10	64QAM	1	49	18.48	18.73	18.42	19.90
10	64QAM	25	0	18.80	18.73	18.45	19.90
10	64QAM	25	12	18.40	18.79	18.53	19.90
10	64QAM	25	25	18.63	18.79	18.44	19.90
10	64QAM	50	0	18.60	18.65	18.48	19.90
10	256QAM	1	0	16.95	17.12	16.86	18.70
10	256QAM	1	25	17.09	17.23	16.94	18.70
10	256QAM	1	49	17.04	17.20	16.82	18.70
10	256QAM	25	0	16.98	17.28	16.99	18.70
10	256QAM	25	12	17.12	17.35	17.09	18.70
10	256QAM	25	25	16.75	17.15	16.78	18.70
10	256QAM	50	0	16.96	17.22	16.97	18.70
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	18.78	18.92	18.77	19.90
5	QPSK	1	12	18.41	18.75	18.46	19.90
5	QPSK	1	24	18.64	18.82	18.40	19.90
5	QPSK	12	0	18.72	18.95	18.57	19.90
5	QPSK	12	7	18.68	18.64	18.52	19.90
5	QPSK	12	13	18.50	18.76	18.40	19.90
5	QPSK	25	0	18.70	18.88	18.58	19.90
5	16QAM	1	0	18.53	18.92	18.43	19.90
5	16QAM	1	12	18.54	18.99	18.48	19.90
5	16QAM	1	24	18.71	18.81	18.54	19.90
5	16QAM	12	0	18.71	18.78	18.54	19.90
5	16QAM	12	7	18.43	18.79	18.64	19.90
5	16QAM	12	13	18.61	18.62	18.40	19.90
5	16QAM	25	0	18.40	18.81	18.41	19.90
5	64QAM	1	0	18.44	18.89	18.48	19.90
5	64QAM	1	12	18.48	18.82	18.44	19.90
5	64QAM	1	24	18.59	18.81	18.40	19.90
5	64QAM	12	0	18.78	18.74	18.58	19.90
5	64QAM	12	7	18.43	18.74	18.51	19.90
5	64QAM	12	13	18.58	18.75	18.53	19.90
5	64QAM	25	0	18.58	18.73	18.42	19.90
5	256QAM	1	0	16.95	17.19	16.84	18.70
5	256QAM	1	12	16.99	17.29	16.98	18.70
5	256QAM	1	24	17.05	17.25	16.81	18.70
5	256QAM	12	0	16.97	17.33	16.95	18.70
5	256QAM	12	7	17.07	17.37	17.13	18.70
5	256QAM	12	13	16.77	17.15	16.83	18.70
5	256QAM	25	0	17.05	17.28	16.96	18.70
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	18.86	18.87	18.74	19.90
3	QPSK	1	8	18.40	18.84	18.51	19.90
3	QPSK	1	14	18.63	18.77	18.43	19.90
3	QPSK	8	0	18.78	18.96	18.61	19.90
3	QPSK	8	4	18.59	18.72	18.50	19.90
3	QPSK	8	7	18.54	18.79	18.42	19.90
3	QPSK	15	0	18.69	18.89	18.57	19.90
3	16QAM	1	0	18.45	18.88	18.40	19.90
3	16QAM	1	8	18.54	18.91	18.46	19.90
3	16QAM	1	14	18.75	18.79	18.51	19.90
3	16QAM	8	0	18.71	18.78	18.58	19.90
3	16QAM	8	4	18.45	18.87	18.59	19.90
3	16QAM	8	7	18.59	18.64	18.40	19.90
3	16QAM	15	0	18.42	18.89	18.47	19.90
3	64QAM	1	0	18.45	18.92	18.42	19.90
3	64QAM	1	8	18.58	18.93	18.42	19.90
3	64QAM	1	14	18.58	18.80	18.41	19.90
3	64QAM	8	0	18.73	18.78	18.54	19.90
3	64QAM	8	4	18.40	18.85	18.47	19.90
3	64QAM	8	7	18.59	18.80	18.41	19.90
3	64QAM	15	0	18.60	18.75	18.42	19.90
3	256QAM	1	0	17.02	17.09	16.88	18.70
3	256QAM	1	8	17.01	17.21	16.89	18.70
3	256QAM	1	14	17.04	17.27	16.84	18.70
3	256QAM	8	0	16.98	17.34	16.91	18.70
3	256QAM	8	4	17.01	17.35	17.11	18.70
3	256QAM	8	7	16.80	17.20	16.77	18.70

3	256QAM	15	0	16.95	17.28	17.04	18.70
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	18.88	18.86	18.73	19.90
1.4	QPSK	1	3	18.43	18.86	18.40	19.90
1.4	QPSK	1	5	18.73	18.80	18.41	19.90
1.4	QPSK	3	0	18.77	18.95	18.62	19.90
1.4	QPSK	3	1	18.65	18.68	18.40	19.90
1.4	QPSK	3	3	18.48	18.75	18.48	19.90
1.4	QPSK	6	0	18.66	18.84	18.62	19.90
1.4	16QAM	1	0	18.51	18.87	18.41	19.90
1.4	16QAM	1	3	18.60	18.87	18.41	19.90
1.4	16QAM	1	5	18.68	18.81	18.54	19.90
1.4	16QAM	3	0	18.71	18.87	18.53	19.90
1.4	16QAM	3	1	18.50	18.86	18.58	19.90
1.4	16QAM	3	3	18.60	18.65	18.40	19.90
1.4	16QAM	6	0	18.41	18.77	18.42	19.90
1.4	64QAM	1	0	18.55	18.87	18.43	19.90
1.4	64QAM	1	3	18.52	18.90	18.40	19.90
1.4	64QAM	1	5	18.50	18.75	18.40	19.90
1.4	64QAM	3	0	18.78	18.83	18.55	19.90
1.4	64QAM	3	1	18.40	18.73	18.56	19.90
1.4	64QAM	3	3	18.67	18.81	18.43	19.90
1.4	64QAM	6	0	18.51	18.71	18.51	19.90
1.4	256QAM	1	0	17.01	17.17	16.82	18.70
1.4	256QAM	1	3	17.03	17.26	16.99	18.70
1.4	256QAM	1	5	16.99	17.27	16.77	18.70
1.4	256QAM	3	0	16.92	17.38	16.87	18.70
1.4	256QAM	3	1	17.07	17.29	17.19	18.70
1.4	256QAM	3	3	16.73	17.15	16.79	18.70
1.4	256QAM	6	0	17.03	17.27	17.07	18.70

【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	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	23.09	23.10	22.90	24.00
10	QPSK	1	25	22.85	22.97	22.63	24.00
10	QPSK	1	49	22.69	22.84	22.60	24.00
10	QPSK	25	0	22.80	22.96	22.63	23.00
10	QPSK	25	12	22.76	22.91	22.58	23.00
10	QPSK	25	25	22.79	22.94	22.59	23.00
10	QPSK	50	0	22.83	22.90	22.58	23.00
10	16QAM	1	0	22.98	23.09	22.80	24.00
10	16QAM	1	25	22.96	23.09	22.80	24.00
10	16QAM	1	49	22.95	23.05	22.78	24.00
10	16QAM	25	0	22.56	22.70	22.44	24.00
10	16QAM	25	12	22.55	22.65	22.43	24.00
10	16QAM	25	25	22.59	22.67	22.38	24.00
10	16QAM	50	0	22.50	22.65	22.44	24.00
10	64QAM	1	0	22.87	22.96	22.67	24.00
10	64QAM	1	25	22.78	22.83	22.57	24.00
10	64QAM	1	49	22.56	22.68	22.36	24.00
10	64QAM	25	0	21.61	21.67	21.40	22.50
10	64QAM	25	12	21.52	21.62	21.31	22.50
10	64QAM	25	25	21.61	21.64	21.39	22.50
10	64QAM	50	0	21.59	21.67	21.42	22.50
10	256QAM	1	0	19.83	19.88	19.69	21.00
10	256QAM	1	25	19.66	19.72	19.45	21.00
10	256QAM	1	49	19.64	19.73	19.50	21.00
10	256QAM	25	0	19.62	19.70	19.40	21.00
10	256QAM	25	12	19.64	19.71	19.45	21.00
10	256QAM	25	25	19.47	19.58	19.35	21.00
10	256QAM	50	0	19.61	19.63	19.36	21.00
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	22.97	23.00	22.83	24.00
5	QPSK	1	12	22.74	22.93	22.51	24.00
5	QPSK	1	24	22.55	22.76	22.50	24.00
5	QPSK	12	0	22.79	22.83	22.62	23.00
5	QPSK	12	7	22.65	22.87	22.51	23.00

5	QPSK	12	13	22.74	22.83	22.54	23.00
5	QPSK	25	0	22.76	22.82	22.46	23.00
5	16QAM	1	0	22.84	23.04	22.75	24.00
5	16QAM	1	12	22.94	23.06	22.76	24.00
5	16QAM	1	24	22.86	22.95	22.76	24.00
5	16QAM	12	0	22.54	22.65	22.36	24.00
5	16QAM	12	7	22.51	22.63	22.35	24.00
5	16QAM	12	13	22.50	22.55	22.29	24.00
5	16QAM	25	0	22.35	22.58	22.38	24.00
5	64QAM	1	0	22.75	22.89	22.62	24.00
5	64QAM	1	12	22.74	22.76	22.51	24.00
5	64QAM	1	24	22.53	22.64	22.26	24.00
5	64QAM	12	0	21.59	21.52	21.30	22.50
5	64QAM	12	7	21.46	21.49	21.20	22.50
5	64QAM	12	13	21.48	21.57	21.24	22.50
5	64QAM	25	0	21.55	21.66	21.32	22.50
5	256QAM	1	0	19.69	19.79	19.54	21.00
5	256QAM	1	12	19.63	19.59	19.38	21.00
5	256QAM	1	24	19.61	19.69	19.45	21.00
5	256QAM	12	0	19.54	19.62	19.27	21.00
5	256QAM	12	7	19.53	19.68	19.41	21.00
5	256QAM	12	13	19.43	19.44	19.29	21.00
5	256QAM	25	0	19.59	19.50	19.30	21.00
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	23.02	23.02	22.77	24.00
3	QPSK	1	8	22.81	22.87	22.51	24.00
3	QPSK	1	14	22.55	22.72	22.53	24.00
3	QPSK	8	0	22.73	22.81	22.57	23.00
3	QPSK	8	4	22.62	22.88	22.52	23.00
3	QPSK	8	7	22.67	22.93	22.45	23.00
3	QPSK	15	0	22.81	22.82	22.53	23.00
3	16QAM	1	0	22.88	22.96	22.70	24.00
3	16QAM	1	8	22.85	23.03	22.66	24.00
3	16QAM	1	14	22.89	22.98	22.72	24.00
3	16QAM	8	0	22.45	22.58	22.40	24.00
3	16QAM	8	4	22.48	22.52	22.39	24.00
3	16QAM	8	7	22.49	22.56	22.28	24.00
3	16QAM	15	0	22.41	22.63	22.34	24.00
3	64QAM	1	0	22.80	22.89	22.60	24.00
3	64QAM	1	8	22.75	22.68	22.44	24.00
3	64QAM	1	14	22.52	22.61	22.22	24.00
3	64QAM	8	0	21.50	21.55	21.31	22.50
3	64QAM	8	4	21.50	21.61	21.25	22.50
3	64QAM	8	7	21.56	21.52	21.27	22.50
3	64QAM	15	0	21.45	21.60	21.39	22.50
3	256QAM	1	0	19.73	19.79	19.56	21.00
3	256QAM	1	8	19.52	19.69	19.34	21.00
3	256QAM	1	14	19.51	19.68	19.42	21.00
3	256QAM	8	0	19.55	19.57	19.25	21.00
3	256QAM	8	4	19.50	19.59	19.38	21.00
3	256QAM	8	7	19.44	19.53	19.33	21.00
3	256QAM	15	0	19.57	19.59	19.21	21.00
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	23.02	23.06	22.76	24.00
1.4	QPSK	1	3	22.76	22.91	22.54	24.00
1.4	QPSK	1	5	22.62	22.75	22.57	24.00
1.4	QPSK	3	0	22.74	22.93	22.58	24.00
1.4	QPSK	3	1	22.74	22.87	22.48	24.00
1.4	QPSK	3	3	22.67	22.84	22.48	24.00
1.4	QPSK	6	0	22.82	22.84	22.44	23.00
1.4	16QAM	1	0	22.84	23.06	22.66	24.00
1.4	16QAM	1	3	22.95	23.07	22.67	24.00
1.4	16QAM	1	5	22.83	22.99	22.69	24.00
1.4	16QAM	3	0	22.44	22.67	22.34	24.00
1.4	16QAM	3	1	22.46	22.52	22.31	24.00
1.4	16QAM	3	3	22.53	22.57	22.31	24.00
1.4	16QAM	6	0	22.39	22.55	22.30	24.00
1.4	64QAM	1	0	22.80	22.81	22.64	24.00
1.4	64QAM	1	3	22.74	22.77	22.46	24.00
1.4	64QAM	1	5	22.48	22.63	22.30	24.00
1.4	64QAM	3	0	21.57	21.53	21.29	22.50
1.4	64QAM	3	1	21.45	21.51	21.18	22.50
1.4	64QAM	3	3	21.48	21.54	21.26	22.50
1.4	64QAM	6	0	21.51	21.63	21.28	22.50
1.4	256QAM	1	0	19.78	19.82	19.57	21.00

1.4	256QAM	1	3	19.61	19.66	19.41	21.00
1.4	256QAM	1	5	19.58	19.60	19.42	21.00
1.4	256QAM	3	0	19.58	19.59	19.37	21.00
1.4	256QAM	3	1	19.53	19.67	19.40	21.00
1.4	256QAM	3	3	19.33	19.46	19.29	21.00
1.4	256QAM	6	0	19.54	19.55	19.27	21.00

【LTE Band 5_Ant 0_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	23.09	23.10	22.90	24.00
10	QPSK	1	25	22.85	22.97	22.63	24.00
10	QPSK	1	49	22.69	22.84	22.60	24.00
10	QPSK	25	0	22.80	22.96	22.63	23.00
10	QPSK	25	12	22.76	22.91	22.58	23.00
10	QPSK	25	25	22.79	22.94	22.59	23.00
10	QPSK	50	0	22.83	22.90	22.58	23.00
10	16QAM	1	0	22.98	23.09	22.80	24.00
10	16QAM	1	25	22.96	23.09	22.80	24.00
10	16QAM	1	49	22.95	23.05	22.78	24.00
10	16QAM	25	0	22.56	22.70	22.44	24.00
10	16QAM	25	12	22.55	22.65	22.43	24.00
10	16QAM	25	25	22.59	22.67	22.38	24.00
10	16QAM	50	0	22.50	22.65	22.44	24.00
10	64QAM	1	0	22.87	22.96	22.67	24.00
10	64QAM	1	25	22.78	22.83	22.57	24.00
10	64QAM	1	49	22.56	22.68	22.36	24.00
10	64QAM	25	0	21.61	21.67	21.40	22.50
10	64QAM	25	12	21.52	21.62	21.31	22.50
10	64QAM	25	25	21.61	21.64	21.39	22.50
10	64QAM	50	0	21.59	21.67	21.42	22.50
10	256QAM	1	0	19.83	19.88	19.69	21.00
10	256QAM	1	25	19.66	19.72	19.45	21.00
10	256QAM	1	49	19.64	19.73	19.50	21.00
10	256QAM	25	0	19.62	19.70	19.40	21.00
10	256QAM	25	12	19.64	19.71	19.45	21.00
10	256QAM	25	25	19.47	19.58	19.35	21.00
10	256QAM	50	0	19.61	19.63	19.36	21.00
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	22.97	23.00	22.83	24.00
5	QPSK	1	12	22.74	22.93	22.51	24.00
5	QPSK	1	24	22.55	22.76	22.50	24.00
5	QPSK	12	0	22.79	22.83	22.62	23.00
5	QPSK	12	7	22.65	22.87	22.51	23.00
5	QPSK	12	13	22.74	22.83	22.54	23.00
5	QPSK	25	0	22.76	22.82	22.46	23.00
5	16QAM	1	0	22.84	23.04	22.75	24.00
5	16QAM	1	12	22.94	23.06	22.76	24.00
5	16QAM	1	24	22.86	22.95	22.76	24.00
5	16QAM	12	0	22.54	22.65	22.36	24.00
5	16QAM	12	7	22.51	22.63	22.35	24.00
5	16QAM	12	13	22.50	22.55	22.29	24.00
5	16QAM	25	0	22.35	22.58	22.38	24.00
5	64QAM	1	0	22.75	22.89	22.62	24.00
5	64QAM	1	12	22.74	22.76	22.51	24.00
5	64QAM	1	24	22.53	22.64	22.26	24.00
5	64QAM	12	0	21.59	21.52	21.30	22.50
5	64QAM	12	7	21.46	21.49	21.20	22.50
5	64QAM	12	13	21.48	21.57	21.24	22.50
5	64QAM	25	0	21.55	21.66	21.32	22.50
5	256QAM	1	0	19.69	19.79	19.54	21.00
5	256QAM	1	12	19.63	19.59	19.38	21.00
5	256QAM	1	24	19.61	19.69	19.45	21.00
5	256QAM	12	0	19.54	19.62	19.27	21.00
5	256QAM	12	7	19.53	19.68	19.41	21.00
5	256QAM	12	13	19.43	19.44	19.29	21.00
5	256QAM	25	0	19.59	19.50	19.30	21.00
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	

3	QPSK	1	0	23.02	23.02	22.77	24.00
3	QPSK	1	8	22.81	22.87	22.51	24.00
3	QPSK	1	14	22.55	22.72	22.53	24.00
3	QPSK	8	0	22.73	22.81	22.57	23.00
3	QPSK	8	4	22.62	22.88	22.52	23.00
3	QPSK	8	7	22.67	22.93	22.45	23.00
3	QPSK	15	0	22.81	22.82	22.53	23.00
3	16QAM	1	0	22.88	22.96	22.70	24.00
3	16QAM	1	8	22.85	23.03	22.66	24.00
3	16QAM	1	14	22.89	22.98	22.72	24.00
3	16QAM	8	0	22.45	22.58	22.40	24.00
3	16QAM	8	4	22.48	22.52	22.39	24.00
3	16QAM	8	7	22.49	22.56	22.28	24.00
3	16QAM	15	0	22.41	22.63	22.34	24.00
3	64QAM	1	0	22.80	22.89	22.60	24.00
3	64QAM	1	8	22.75	22.68	22.44	24.00
3	64QAM	1	14	22.52	22.61	22.22	24.00
3	64QAM	8	0	21.50	21.55	21.31	22.50
3	64QAM	8	4	21.50	21.61	21.25	22.50
3	64QAM	8	7	21.56	21.52	21.27	22.50
3	64QAM	15	0	21.45	21.60	21.39	22.50
3	256QAM	1	0	19.73	19.79	19.56	21.00
3	256QAM	1	8	19.52	19.69	19.34	21.00
3	256QAM	1	14	19.51	19.68	19.42	21.00
3	256QAM	8	0	19.55	19.57	19.25	21.00
3	256QAM	8	4	19.50	19.59	19.38	21.00
3	256QAM	8	7	19.44	19.53	19.33	21.00
3	256QAM	15	0	19.57	19.59	19.21	21.00
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	23.02	23.06	22.76	24.00
1.4	QPSK	1	3	22.76	22.91	22.54	24.00
1.4	QPSK	1	5	22.62	22.75	22.57	24.00
1.4	QPSK	3	0	22.74	22.93	22.58	24.00
1.4	QPSK	3	1	22.74	22.87	22.48	24.00
1.4	QPSK	3	3	22.67	22.84	22.48	24.00
1.4	QPSK	6	0	22.82	22.84	22.44	23.00
1.4	16QAM	1	0	22.84	23.06	22.66	24.00
1.4	16QAM	1	3	22.95	23.07	22.67	24.00
1.4	16QAM	1	5	22.83	22.99	22.69	24.00
1.4	16QAM	3	0	22.44	22.67	22.34	24.00
1.4	16QAM	3	1	22.46	22.52	22.31	24.00
1.4	16QAM	3	3	22.53	22.57	22.31	24.00
1.4	16QAM	6	0	22.39	22.55	22.30	24.00
1.4	64QAM	1	0	22.80	22.81	22.64	24.00
1.4	64QAM	1	3	22.74	22.77	22.46	24.00
1.4	64QAM	1	5	22.48	22.63	22.30	24.00
1.4	64QAM	3	0	21.57	21.53	21.29	22.50
1.4	64QAM	3	1	21.45	21.51	21.18	22.50
1.4	64QAM	3	3	21.48	21.54	21.26	22.50
1.4	64QAM	6	0	21.51	21.63	21.28	22.50
1.4	256QAM	1	0	19.78	19.82	19.57	21.00
1.4	256QAM	1	3	19.61	19.66	19.41	21.00
1.4	256QAM	1	5	19.58	19.60	19.42	21.00
1.4	256QAM	3	0	19.58	19.59	19.37	21.00
1.4	256QAM	3	1	19.53	19.67	19.40	21.00
1.4	256QAM	3	3	19.33	19.46	19.29	21.00
1.4	256QAM	6	0	19.54	19.55	19.27	21.00

【LTE Band 5_Ant 0_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	23.09	23.10	22.90	24.00
10	QPSK	1	25	22.85	22.97	22.63	24.00
10	QPSK	1	49	22.69	22.84	22.60	24.00
10	QPSK	25	0	22.80	22.96	22.63	23.00
10	QPSK	25	12	22.76	22.91	22.58	23.00
10	QPSK	25	25	22.79	22.94	22.59	23.00
10	QPSK	50	0	22.83	22.90	22.58	23.00
10	16QAM	1	0	22.98	23.09	22.80	24.00

10	16QAM	1	25	22.96	23.09	22.80	24.00
10	16QAM	1	49	22.95	23.05	22.78	24.00
10	16QAM	25	0	22.56	22.70	22.44	24.00
10	16QAM	25	12	22.55	22.65	22.43	24.00
10	16QAM	25	25	22.59	22.67	22.38	24.00
10	16QAM	50	0	22.50	22.65	22.44	24.00
10	64QAM	1	0	22.87	22.96	22.67	24.00
10	64QAM	1	25	22.78	22.83	22.57	24.00
10	64QAM	1	49	22.56	22.68	22.36	24.00
10	64QAM	25	0	21.61	21.67	21.40	22.50
10	64QAM	25	12	21.52	21.62	21.31	22.50
10	64QAM	25	25	21.61	21.64	21.39	22.50
10	64QAM	50	0	21.59	21.67	21.42	22.50
10	256QAM	1	0	19.83	19.88	19.69	21.00
10	256QAM	1	25	19.66	19.72	19.45	21.00
10	256QAM	1	49	19.64	19.73	19.50	21.00
10	256QAM	25	0	19.62	19.70	19.40	21.00
10	256QAM	25	12	19.64	19.71	19.45	21.00
10	256QAM	25	25	19.47	19.58	19.35	21.00
10	256QAM	50	0	19.61	19.63	19.36	21.00
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	22.97	23.00	22.83	24.00
5	QPSK	1	12	22.74	22.93	22.51	24.00
5	QPSK	1	24	22.55	22.76	22.50	24.00
5	QPSK	12	0	22.79	22.83	22.62	23.00
5	QPSK	12	7	22.65	22.87	22.51	23.00
5	QPSK	12	13	22.74	22.83	22.54	23.00
5	QPSK	25	0	22.76	22.82	22.46	23.00
5	16QAM	1	0	22.84	23.04	22.75	24.00
5	16QAM	1	12	22.94	23.06	22.76	24.00
5	16QAM	1	24	22.86	22.95	22.76	24.00
5	16QAM	12	0	22.54	22.65	22.36	24.00
5	16QAM	12	7	22.51	22.63	22.35	24.00
5	16QAM	12	13	22.50	22.55	22.29	24.00
5	16QAM	25	0	22.35	22.58	22.38	24.00
5	64QAM	1	0	22.75	22.89	22.62	24.00
5	64QAM	1	12	22.74	22.76	22.51	24.00
5	64QAM	1	24	22.53	22.64	22.26	24.00
5	64QAM	12	0	21.59	21.52	21.30	22.50
5	64QAM	12	7	21.46	21.49	21.20	22.50
5	64QAM	12	13	21.48	21.57	21.24	22.50
5	64QAM	25	0	21.55	21.66	21.32	22.50
5	256QAM	1	0	19.69	19.79	19.54	21.00
5	256QAM	1	12	19.63	19.59	19.38	21.00
5	256QAM	1	24	19.61	19.69	19.45	21.00
5	256QAM	12	0	19.54	19.62	19.27	21.00
5	256QAM	12	7	19.53	19.68	19.41	21.00
5	256QAM	12	13	19.43	19.44	19.29	21.00
5	256QAM	25	0	19.59	19.50	19.30	21.00
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	23.02	23.02	22.77	24.00
3	QPSK	1	8	22.81	22.87	22.51	24.00
3	QPSK	1	14	22.55	22.72	22.53	24.00
3	QPSK	8	0	22.73	22.81	22.57	23.00
3	QPSK	8	4	22.62	22.88	22.52	23.00
3	QPSK	8	7	22.67	22.93	22.45	23.00
3	QPSK	15	0	22.81	22.82	22.53	23.00
3	16QAM	1	0	22.88	22.96	22.70	24.00
3	16QAM	1	8	22.85	23.03	22.66	24.00
3	16QAM	1	14	22.89	22.98	22.72	24.00
3	16QAM	8	0	22.45	22.58	22.40	24.00
3	16QAM	8	4	22.48	22.52	22.39	24.00
3	16QAM	8	7	22.49	22.56	22.28	24.00
3	16QAM	15	0	22.41	22.63	22.34	24.00
3	64QAM	1	0	22.80	22.89	22.60	24.00
3	64QAM	1	8	22.75	22.68	22.44	24.00
3	64QAM	1	14	22.52	22.61	22.22	24.00
3	64QAM	8	0	21.50	21.55	21.31	22.50
3	64QAM	8	4	21.50	21.61	21.25	22.50
3	64QAM	8	7	21.56	21.52	21.27	22.50
3	64QAM	15	0	21.45	21.60	21.39	22.50
3	256QAM	1	0	19.73	19.79	19.56	21.00
3	256QAM	1	8	19.52	19.69	19.34	21.00
3	256QAM	1	14	19.51	19.68	19.42	21.00
3	256QAM	8	0	19.55	19.57	19.25	21.00

3	256QAM	8	4	19.50	19.59	19.38	21.00
3	256QAM	8	7	19.44	19.53	19.33	21.00
3	256QAM	15	0	19.57	19.59	19.21	21.00
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	23.02	23.06	22.76	24.00
1.4	QPSK	1	3	22.76	22.91	22.54	24.00
1.4	QPSK	1	5	22.62	22.75	22.57	24.00
1.4	QPSK	3	0	22.74	22.93	22.58	24.00
1.4	QPSK	3	1	22.74	22.87	22.48	24.00
1.4	QPSK	3	3	22.67	22.84	22.48	24.00
1.4	QPSK	6	0	22.82	22.84	22.44	23.00
1.4	16QAM	1	0	22.84	23.06	22.66	24.00
1.4	16QAM	1	3	22.95	23.07	22.67	24.00
1.4	16QAM	1	5	22.83	22.99	22.69	24.00
1.4	16QAM	3	0	22.44	22.67	22.34	24.00
1.4	16QAM	3	1	22.46	22.52	22.31	24.00
1.4	16QAM	3	3	22.53	22.57	22.31	24.00
1.4	16QAM	6	0	22.39	22.55	22.30	24.00
1.4	64QAM	1	0	22.80	22.81	22.64	24.00
1.4	64QAM	1	3	22.74	22.77	22.46	24.00
1.4	64QAM	1	5	22.48	22.63	22.30	24.00
1.4	64QAM	3	0	21.57	21.53	21.29	22.50
1.4	64QAM	3	1	21.45	21.51	21.18	22.50
1.4	64QAM	3	3	21.48	21.54	21.26	22.50
1.4	64QAM	6	0	21.51	21.63	21.28	22.50
1.4	256QAM	1	0	19.78	19.82	19.57	21.00
1.4	256QAM	1	3	19.61	19.66	19.41	21.00
1.4	256QAM	1	5	19.58	19.60	19.42	21.00
1.4	256QAM	3	0	19.58	19.59	19.37	21.00
1.4	256QAM	3	1	19.53	19.67	19.40	21.00
1.4	256QAM	3	3	19.33	19.46	19.29	21.00
1.4	256QAM	6	0	19.54	19.55	19.27	21.00

【LTE Band 5_Ant 0_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	23.09	23.10	22.90	24.00
10	QPSK	1	25	22.85	22.97	22.63	24.00
10	QPSK	1	49	22.69	22.84	22.60	24.00
10	QPSK	25	0	22.80	22.96	22.63	23.00
10	QPSK	25	12	22.76	22.91	22.58	23.00
10	QPSK	25	25	22.79	22.94	22.59	23.00
10	QPSK	50	0	22.83	22.90	22.58	23.00
10	16QAM	1	0	22.98	23.09	22.80	24.00
10	16QAM	1	25	22.96	23.09	22.80	24.00
10	16QAM	1	49	22.95	23.05	22.78	24.00
10	16QAM	25	0	22.56	22.70	22.44	24.00
10	16QAM	25	12	22.55	22.65	22.43	24.00
10	16QAM	25	25	22.59	22.67	22.38	24.00
10	16QAM	50	0	22.50	22.65	22.44	24.00
10	64QAM	1	0	22.87	22.96	22.67	24.00
10	64QAM	1	25	22.78	22.83	22.57	24.00
10	64QAM	1	49	22.56	22.68	22.36	24.00
10	64QAM	25	0	21.61	21.67	21.40	22.50
10	64QAM	25	12	21.52	21.62	21.31	22.50
10	64QAM	25	25	21.61	21.64	21.39	22.50
10	64QAM	50	0	21.59	21.67	21.42	22.50
10	256QAM	1	0	19.83	19.88	19.69	21.00
10	256QAM	1	25	19.66	19.72	19.45	21.00
10	256QAM	1	49	19.64	19.73	19.50	21.00
10	256QAM	25	0	19.62	19.70	19.40	21.00
10	256QAM	25	12	19.64	19.71	19.45	21.00
10	256QAM	25	25	19.47	19.58	19.35	21.00
10	256QAM	50	0	19.61	19.63	19.36	21.00
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	22.97	23.00	22.83	24.00
5	QPSK	1	12	22.74	22.93	22.51	24.00
5	QPSK	1	24	22.55	22.76	22.50	24.00

5	QPSK	12	0	22.79	22.83	22.62	23.00
5	QPSK	12	7	22.65	22.87	22.51	23.00
5	QPSK	12	13	22.74	22.83	22.54	23.00
5	QPSK	25	0	22.76	22.82	22.46	23.00
5	16QAM	1	0	22.84	23.04	22.75	24.00
5	16QAM	1	12	22.94	23.06	22.76	24.00
5	16QAM	1	24	22.86	22.95	22.76	24.00
5	16QAM	12	0	22.54	22.65	22.36	24.00
5	16QAM	12	7	22.51	22.63	22.35	24.00
5	16QAM	12	13	22.50	22.55	22.29	24.00
5	16QAM	25	0	22.35	22.58	22.38	24.00
5	64QAM	1	0	22.75	22.89	22.62	24.00
5	64QAM	1	12	22.74	22.76	22.51	24.00
5	64QAM	1	24	22.53	22.64	22.26	24.00
5	64QAM	12	0	21.59	21.52	21.30	22.50
5	64QAM	12	7	21.46	21.49	21.20	22.50
5	64QAM	12	13	21.48	21.57	21.24	22.50
5	64QAM	25	0	21.55	21.66	21.32	22.50
5	256QAM	1	0	19.69	19.79	19.54	21.00
5	256QAM	1	12	19.63	19.59	19.38	21.00
5	256QAM	1	24	19.61	19.69	19.45	21.00
5	256QAM	12	0	19.54	19.62	19.27	21.00
5	256QAM	12	7	19.53	19.68	19.41	21.00
5	256QAM	12	13	19.43	19.44	19.29	21.00
5	256QAM	25	0	19.59	19.50	19.30	21.00
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	23.02	23.02	22.77	24.00
3	QPSK	1	8	22.81	22.87	22.51	24.00
3	QPSK	1	14	22.55	22.72	22.53	24.00
3	QPSK	8	0	22.73	22.81	22.57	23.00
3	QPSK	8	4	22.62	22.88	22.52	23.00
3	QPSK	8	7	22.67	22.93	22.45	23.00
3	QPSK	15	0	22.81	22.82	22.53	23.00
3	16QAM	1	0	22.88	22.96	22.70	24.00
3	16QAM	1	8	22.85	23.03	22.66	24.00
3	16QAM	1	14	22.89	22.98	22.72	24.00
3	16QAM	8	0	22.45	22.58	22.40	24.00
3	16QAM	8	4	22.48	22.52	22.39	24.00
3	16QAM	8	7	22.49	22.56	22.28	24.00
3	16QAM	15	0	22.41	22.63	22.34	24.00
3	64QAM	1	0	22.80	22.89	22.60	24.00
3	64QAM	1	8	22.75	22.68	22.44	24.00
3	64QAM	1	14	22.52	22.61	22.22	24.00
3	64QAM	8	0	21.50	21.55	21.31	22.50
3	64QAM	8	4	21.50	21.61	21.25	22.50
3	64QAM	8	7	21.56	21.52	21.27	22.50
3	64QAM	15	0	21.45	21.60	21.39	22.50
3	256QAM	1	0	19.73	19.79	19.56	21.00
3	256QAM	1	8	19.52	19.69	19.34	21.00
3	256QAM	1	14	19.51	19.68	19.42	21.00
3	256QAM	8	0	19.55	19.57	19.25	21.00
3	256QAM	8	4	19.50	19.59	19.38	21.00
3	256QAM	8	7	19.44	19.53	19.33	21.00
3	256QAM	15	0	19.57	19.59	19.21	21.00
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	23.02	23.06	22.76	24.00
1.4	QPSK	1	3	22.76	22.91	22.54	24.00
1.4	QPSK	1	5	22.62	22.75	22.57	24.00
1.4	QPSK	3	0	22.74	22.93	22.58	24.00
1.4	QPSK	3	1	22.74	22.87	22.48	24.00
1.4	QPSK	3	3	22.67	22.84	22.48	24.00
1.4	QPSK	6	0	22.82	22.84	22.44	23.00
1.4	16QAM	1	0	22.84	23.06	22.66	24.00
1.4	16QAM	1	3	22.95	23.07	22.67	24.00
1.4	16QAM	1	5	22.83	22.99	22.69	24.00
1.4	16QAM	3	0	22.44	22.67	22.34	24.00
1.4	16QAM	3	1	22.46	22.52	22.31	24.00
1.4	16QAM	3	3	22.53	22.57	22.31	24.00
1.4	16QAM	6	0	22.39	22.55	22.30	24.00
1.4	64QAM	1	0	22.80	22.81	22.64	24.00
1.4	64QAM	1	3	22.74	22.77	22.46	24.00
1.4	64QAM	1	5	22.48	22.63	22.30	24.00
1.4	64QAM	3	0	21.57	21.53	21.29	22.50
1.4	64QAM	3	1	21.45	21.51	21.18	22.50
1.4	64QAM	3	3	21.48	21.54	21.26	22.50

1.4	64QAM	6	0	21.51	21.63	21.28	22.50
1.4	256QAM	1	0	19.78	19.82	19.57	21.00
1.4	256QAM	1	3	19.61	19.66	19.41	21.00
1.4	256QAM	1	5	19.58	19.60	19.42	21.00
1.4	256QAM	3	0	19.58	19.59	19.37	21.00
1.4	256QAM	3	1	19.53	19.67	19.40	21.00
1.4	256QAM	3	3	19.33	19.46	19.29	21.00
1.4	256QAM	6	0	19.54	19.55	19.27	21.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	23.09	23.10	22.90	24.00
10	QPSK	1	25	22.85	22.97	22.63	24.00
10	QPSK	1	49	22.69	22.84	22.60	24.00
10	QPSK	25	0	22.80	22.96	22.63	23.00
10	QPSK	25	12	22.76	22.91	22.58	23.00
10	QPSK	25	25	22.79	22.94	22.59	23.00
10	QPSK	50	0	22.83	22.90	22.58	23.00
10	16QAM	1	0	22.98	23.09	22.80	24.00
10	16QAM	1	25	22.96	23.09	22.80	24.00
10	16QAM	1	49	22.95	23.05	22.78	24.00
10	16QAM	25	0	22.56	22.70	22.44	24.00
10	16QAM	25	12	22.55	22.65	22.43	24.00
10	16QAM	25	25	22.59	22.67	22.38	24.00
10	16QAM	50	0	22.50	22.65	22.44	24.00
10	64QAM	1	0	22.87	22.96	22.67	24.00
10	64QAM	1	25	22.78	22.83	22.57	24.00
10	64QAM	1	49	22.56	22.68	22.36	24.00
10	64QAM	25	0	21.61	21.67	21.40	22.50
10	64QAM	25	12	21.52	21.62	21.31	22.50
10	64QAM	25	25	21.61	21.64	21.39	22.50
10	64QAM	50	0	21.59	21.67	21.42	22.50
10	256QAM	1	0	19.83	19.88	19.69	21.00
10	256QAM	1	25	19.66	19.72	19.45	21.00
10	256QAM	1	49	19.64	19.73	19.50	21.00
10	256QAM	25	0	19.62	19.70	19.40	21.00
10	256QAM	25	12	19.64	19.71	19.45	21.00
10	256QAM	25	25	19.47	19.58	19.35	21.00
10	256QAM	50	0	19.61	19.63	19.36	21.00
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	22.97	23.00	22.83	24.00
5	QPSK	1	12	22.74	22.93	22.51	24.00
5	QPSK	1	24	22.55	22.76	22.50	24.00
5	QPSK	12	0	22.79	22.83	22.62	23.00
5	QPSK	12	7	22.65	22.87	22.51	23.00
5	QPSK	12	13	22.74	22.83	22.54	23.00
5	QPSK	25	0	22.76	22.82	22.46	23.00
5	16QAM	1	0	22.84	23.04	22.75	24.00
5	16QAM	1	12	22.94	23.06	22.76	24.00
5	16QAM	1	24	22.86	22.95	22.76	24.00
5	16QAM	12	0	22.54	22.65	22.36	24.00
5	16QAM	12	7	22.51	22.63	22.35	24.00
5	16QAM	12	13	22.50	22.55	22.29	24.00
5	16QAM	25	0	22.35	22.58	22.38	24.00
5	64QAM	1	0	22.75	22.89	22.62	24.00
5	64QAM	1	12	22.74	22.76	22.51	24.00
5	64QAM	1	24	22.53	22.64	22.26	24.00
5	64QAM	12	0	21.59	21.52	21.30	22.50
5	64QAM	12	7	21.46	21.49	21.20	22.50
5	64QAM	12	13	21.48	21.57	21.24	22.50
5	64QAM	25	0	21.55	21.66	21.32	22.50
5	256QAM	1	0	19.69	19.79	19.54	21.00
5	256QAM	1	12	19.63	19.59	19.38	21.00
5	256QAM	1	24	19.61	19.69	19.45	21.00
5	256QAM	12	0	19.54	19.62	19.27	21.00
5	256QAM	12	7	19.53	19.68	19.41	21.00
5	256QAM	12	13	19.43	19.44	19.29	21.00
5	256QAM	25	0	19.59	19.50	19.30	21.00

Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	23.02	23.02	22.77	24.00
3	QPSK	1	8	22.81	22.87	22.51	24.00
3	QPSK	1	14	22.55	22.72	22.53	24.00
3	QPSK	8	0	22.73	22.81	22.57	23.00
3	QPSK	8	4	22.62	22.88	22.52	23.00
3	QPSK	8	7	22.67	22.93	22.45	23.00
3	QPSK	15	0	22.81	22.82	22.53	23.00
3	16QAM	1	0	22.88	22.96	22.70	24.00
3	16QAM	1	8	22.85	23.03	22.66	24.00
3	16QAM	1	14	22.89	22.98	22.72	24.00
3	16QAM	8	0	22.45	22.58	22.40	24.00
3	16QAM	8	4	22.48	22.52	22.39	24.00
3	16QAM	8	7	22.49	22.56	22.28	24.00
3	16QAM	15	0	22.41	22.63	22.34	24.00
3	64QAM	1	0	22.80	22.89	22.60	24.00
3	64QAM	1	8	22.75	22.68	22.44	24.00
3	64QAM	1	14	22.52	22.61	22.22	24.00
3	64QAM	8	0	21.50	21.55	21.31	22.50
3	64QAM	8	4	21.50	21.61	21.25	22.50
3	64QAM	8	7	21.56	21.52	21.27	22.50
3	64QAM	15	0	21.45	21.60	21.39	22.50
3	256QAM	1	0	19.73	19.79	19.56	21.00
3	256QAM	1	8	19.52	19.69	19.34	21.00
3	256QAM	1	14	19.51	19.68	19.42	21.00
3	256QAM	8	0	19.55	19.57	19.25	21.00
3	256QAM	8	4	19.50	19.59	19.38	21.00
3	256QAM	8	7	19.44	19.53	19.33	21.00
3	256QAM	15	0	19.57	19.59	19.21	21.00
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	23.02	23.06	22.76	24.00
1.4	QPSK	1	3	22.76	22.91	22.54	24.00
1.4	QPSK	1	5	22.62	22.75	22.57	24.00
1.4	QPSK	3	0	22.74	22.93	22.58	24.00
1.4	QPSK	3	1	22.74	22.87	22.48	24.00
1.4	QPSK	3	3	22.67	22.84	22.48	24.00
1.4	QPSK	6	0	22.82	22.84	22.44	23.00
1.4	16QAM	1	0	22.84	23.06	22.66	24.00
1.4	16QAM	1	3	22.95	23.07	22.67	24.00
1.4	16QAM	1	5	22.83	22.99	22.69	24.00
1.4	16QAM	3	0	22.44	22.67	22.34	24.00
1.4	16QAM	3	1	22.46	22.52	22.31	24.00
1.4	16QAM	3	3	22.53	22.57	22.31	24.00
1.4	16QAM	6	0	22.39	22.55	22.30	24.00
1.4	64QAM	1	0	22.80	22.81	22.64	24.00
1.4	64QAM	1	3	22.74	22.77	22.46	24.00
1.4	64QAM	1	5	22.48	22.63	22.30	24.00
1.4	64QAM	3	0	21.57	21.53	21.29	22.50
1.4	64QAM	3	1	21.45	21.51	21.18	22.50
1.4	64QAM	3	3	21.48	21.54	21.26	22.50
1.4	64QAM	6	0	21.51	21.63	21.28	22.50
1.4	256QAM	1	0	19.78	19.82	19.57	21.00
1.4	256QAM	1	3	19.61	19.66	19.41	21.00
1.4	256QAM	1	5	19.58	19.60	19.42	21.00
1.4	256QAM	3	0	19.58	19.59	19.37	21.00
1.4	256QAM	3	1	19.53	19.67	19.40	21.00
1.4	256QAM	3	3	19.33	19.46	19.29	21.00
1.4	256QAM	6	0	19.54	19.55	19.27	21.00

【LTE Band 5_Ant 0_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	23.09	23.10	22.90	24.00
10	QPSK	1	25	22.85	22.97	22.63	24.00
10	QPSK	1	49	22.69	22.84	22.60	24.00
10	QPSK	25	0	22.80	22.96	22.63	23.00
10	QPSK	25	12	22.76	22.91	22.58	23.00
10	QPSK	25	25	22.79	22.94	22.59	23.00

10	QPSK	50	0	22.83	22.90	22.58	23.00
10	16QAM	1	0	22.98	23.09	22.80	24.00
10	16QAM	1	25	22.96	23.09	22.80	24.00
10	16QAM	1	49	22.95	23.05	22.78	24.00
10	16QAM	25	0	22.56	22.70	22.44	24.00
10	16QAM	25	12	22.55	22.65	22.43	24.00
10	16QAM	25	25	22.59	22.67	22.38	24.00
10	16QAM	50	0	22.50	22.65	22.44	24.00
10	64QAM	1	0	22.87	22.96	22.67	24.00
10	64QAM	1	25	22.78	22.83	22.57	24.00
10	64QAM	1	49	22.56	22.68	22.36	24.00
10	64QAM	25	0	21.61	21.67	21.40	22.50
10	64QAM	25	12	21.52	21.62	21.31	22.50
10	64QAM	25	25	21.61	21.64	21.39	22.50
10	64QAM	50	0	21.59	21.67	21.42	22.50
10	256QAM	1	0	19.83	19.88	19.69	21.00
10	256QAM	1	25	19.66	19.72	19.45	21.00
10	256QAM	1	49	19.64	19.73	19.50	21.00
10	256QAM	25	0	19.62	19.70	19.40	21.00
10	256QAM	25	12	19.64	19.71	19.45	21.00
10	256QAM	25	25	19.47	19.58	19.35	21.00
10	256QAM	50	0	19.61	19.63	19.36	21.00
Channel				20425	20525	20625	Tune-up limit
Frequency (MHz)				826.5	836.5	846.5	(dBm)
5	QPSK	1	0	22.97	23.00	22.83	24.00
5	QPSK	1	12	22.74	22.93	22.51	24.00
5	QPSK	1	24	22.55	22.76	22.50	24.00
5	QPSK	12	0	22.79	22.83	22.62	23.00
5	QPSK	12	7	22.65	22.87	22.51	23.00
5	QPSK	12	13	22.74	22.83	22.54	23.00
5	QPSK	25	0	22.76	22.82	22.46	23.00
5	16QAM	1	0	22.84	23.04	22.75	24.00
5	16QAM	1	12	22.94	23.06	22.76	24.00
5	16QAM	1	24	22.86	22.95	22.76	24.00
5	16QAM	12	0	22.54	22.65	22.36	24.00
5	16QAM	12	7	22.51	22.63	22.35	24.00
5	16QAM	12	13	22.50	22.55	22.29	24.00
5	16QAM	25	0	22.35	22.58	22.38	24.00
5	64QAM	1	0	22.75	22.89	22.62	24.00
5	64QAM	1	12	22.74	22.76	22.51	24.00
5	64QAM	1	24	22.53	22.64	22.26	24.00
5	64QAM	12	0	21.59	21.52	21.30	22.50
5	64QAM	12	7	21.46	21.49	21.20	22.50
5	64QAM	12	13	21.48	21.57	21.24	22.50
5	64QAM	25	0	21.55	21.66	21.32	22.50
5	256QAM	1	0	19.69	19.79	19.54	21.00
5	256QAM	1	12	19.63	19.59	19.38	21.00
5	256QAM	1	24	19.61	19.69	19.45	21.00
5	256QAM	12	0	19.54	19.62	19.27	21.00
5	256QAM	12	7	19.53	19.68	19.41	21.00
5	256QAM	12	13	19.43	19.44	19.29	21.00
5	256QAM	25	0	19.59	19.50	19.30	21.00
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	23.02	23.02	22.77	24.00
3	QPSK	1	8	22.81	22.87	22.51	24.00
3	QPSK	1	14	22.55	22.72	22.53	24.00
3	QPSK	8	0	22.73	22.81	22.57	23.00
3	QPSK	8	4	22.62	22.88	22.52	23.00
3	QPSK	8	7	22.67	22.93	22.45	23.00
3	QPSK	15	0	22.81	22.82	22.53	23.00
3	16QAM	1	0	22.88	22.96	22.70	24.00
3	16QAM	1	8	22.85	23.03	22.66	24.00
3	16QAM	1	14	22.89	22.98	22.72	24.00
3	16QAM	8	0	22.45	22.58	22.40	24.00
3	16QAM	8	4	22.48	22.52	22.39	24.00
3	16QAM	8	7	22.49	22.56	22.28	24.00
3	16QAM	15	0	22.41	22.63	22.34	24.00
3	64QAM	1	0	22.80	22.89	22.60	24.00
3	64QAM	1	8	22.75	22.68	22.44	24.00
3	64QAM	1	14	22.52	22.61	22.22	24.00
3	64QAM	8	0	21.50	21.55	21.31	22.50
3	64QAM	8	4	21.50	21.61	21.25	22.50
3	64QAM	8	7	21.56	21.52	21.27	22.50
3	64QAM	15	0	21.45	21.60	21.39	22.50
3	256QAM	1	0	19.73	19.79	19.56	21.00
3	256QAM	1	8	19.52	19.69	19.34	21.00

3	256QAM	1	14	19.51	19.68	19.42	21.00
3	256QAM	8	0	19.55	19.57	19.25	21.00
3	256QAM	8	4	19.50	19.59	19.38	21.00
3	256QAM	8	7	19.44	19.53	19.33	21.00
3	256QAM	15	0	19.57	19.59	19.21	21.00
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	23.02	23.06	22.76	24.00
1.4	QPSK	1	3	22.76	22.91	22.54	24.00
1.4	QPSK	1	5	22.62	22.75	22.57	24.00
1.4	QPSK	3	0	22.74	22.93	22.58	24.00
1.4	QPSK	3	1	22.74	22.87	22.48	24.00
1.4	QPSK	3	3	22.67	22.84	22.48	24.00
1.4	QPSK	6	0	22.82	22.84	22.44	23.00
1.4	16QAM	1	0	22.84	23.06	22.66	24.00
1.4	16QAM	1	3	22.95	23.07	22.67	24.00
1.4	16QAM	1	5	22.83	22.99	22.69	24.00
1.4	16QAM	3	0	22.44	22.67	22.34	24.00
1.4	16QAM	3	1	22.46	22.52	22.31	24.00
1.4	16QAM	3	3	22.53	22.57	22.31	24.00
1.4	16QAM	6	0	22.39	22.55	22.30	24.00
1.4	64QAM	1	0	22.80	22.81	22.64	24.00
1.4	64QAM	1	3	22.74	22.77	22.46	24.00
1.4	64QAM	1	5	22.48	22.63	22.30	24.00
1.4	64QAM	3	0	21.57	21.53	21.29	22.50
1.4	64QAM	3	1	21.45	21.51	21.18	22.50
1.4	64QAM	3	3	21.48	21.54	21.26	22.50
1.4	64QAM	6	0	21.51	21.63	21.28	22.50
1.4	256QAM	1	0	19.78	19.82	19.57	21.00
1.4	256QAM	1	3	19.61	19.66	19.41	21.00
1.4	256QAM	1	5	19.58	19.60	19.42	21.00
1.4	256QAM	3	0	19.58	19.59	19.37	21.00
1.4	256QAM	3	1	19.53	19.67	19.40	21.00
1.4	256QAM	3	3	19.33	19.46	19.29	21.00
1.4	256QAM	6	0	19.54	19.55	19.27	21.00

[LTE Band 5_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				20450	20525	20600	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	23.64	23.87	23.55	24.00
10	QPSK	1	25	23.03	23.35	23.00	24.00
10	QPSK	1	49	23.09	23.40	23.05	24.00
10	QPSK	25	0	23.27	23.55	23.20	24.00
10	QPSK	25	12	23.21	23.48	23.07	24.00
10	QPSK	25	25	23.05	23.37	22.96	24.00
10	QPSK	50	0	23.09	23.36	23.03	24.00
10	16QAM	1	0	23.40	23.69	23.24	24.00
10	16QAM	1	25	23.41	23.76	23.35	24.00
10	16QAM	1	49	23.42	23.77	23.42	24.00
10	16QAM	25	0	22.61	22.94	22.54	23.00
10	16QAM	25	12	22.48	22.85	22.51	23.00
10	16QAM	25	25	22.65	22.96	22.55	23.00
10	16QAM	50	0	22.61	22.85	22.49	23.00
10	64QAM	1	0	23.23	23.47	23.08	24.00
10	64QAM	1	25	23.15	23.46	23.03	24.00
10	64QAM	1	49	22.83	23.08	22.67	24.00
10	64QAM	25	0	22.65	22.93	22.60	23.00
10	64QAM	25	12	22.66	22.93	22.57	23.00
10	64QAM	25	25	22.17	22.48	22.09	23.00
10	64QAM	50	0	22.55	22.87	22.55	23.00
10	256QAM	1	0	19.67	19.99	19.71	20.00
10	256QAM	1	25	19.55	19.83	19.44	20.00
10	256QAM	1	49	19.72	19.98	19.64	20.00
10	256QAM	25	0	19.62	19.92	19.57	20.00
10	256QAM	25	12	19.75	19.96	19.66	20.00
10	256QAM	25	25	19.69	19.94	19.54	20.00
10	256QAM	50	0	19.57	19.87	19.59	20.00
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	23.51	23.84	23.41	24.00

5	QPSK	1	12	22.96	23.28	22.89	24.00
5	QPSK	1	24	22.99	23.36	22.96	24.00
5	QPSK	12	0	23.15	23.47	23.07	24.00
5	QPSK	12	7	23.16	23.37	22.95	24.00
5	QPSK	12	13	23.00	23.34	22.88	24.00
5	QPSK	25	0	23.08	23.35	23.00	24.00
5	16QAM	1	0	23.33	23.59	23.19	24.00
5	16QAM	1	12	23.29	23.62	23.23	24.00
5	16QAM	1	24	23.35	23.69	23.31	24.00
5	16QAM	12	0	22.49	22.84	22.42	23.00
5	16QAM	12	7	22.41	22.75	22.39	23.00
5	16QAM	12	13	22.62	22.86	22.42	23.00
5	16QAM	25	0	22.51	22.83	22.48	23.00
5	64QAM	1	0	23.19	23.34	22.94	24.00
5	64QAM	1	12	23.11	23.45	22.93	24.00
5	64QAM	1	24	22.72	22.94	22.54	24.00
5	64QAM	12	0	22.58	22.87	22.55	23.00
5	64QAM	12	7	22.53	22.83	22.45	23.00
5	64QAM	12	13	22.03	22.43	21.99	23.00
5	64QAM	25	0	22.47	22.82	22.51	23.00
5	256QAM	1	0	19.60	19.85	19.56	20.00
5	256QAM	1	12	19.43	19.71	19.32	20.00
5	256QAM	1	24	19.62	19.96	19.51	20.00
5	256QAM	12	0	19.56	19.90	19.56	20.00
5	256QAM	12	7	19.62	19.87	19.57	20.00
5	256QAM	12	13	19.65	19.85	19.50	20.00
5	256QAM	25	0	19.45	19.85	19.56	20.00
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	23.60	23.74	23.44	24.00
3	QPSK	1	8	23.00	23.28	22.89	24.00
3	QPSK	1	14	22.99	23.26	22.95	24.00
3	QPSK	8	0	23.12	23.49	23.12	24.00
3	QPSK	8	4	23.07	23.41	23.00	24.00
3	QPSK	8	7	22.99	23.33	22.93	24.00
3	QPSK	15	0	22.98	23.30	22.90	24.00
3	16QAM	1	0	23.29	23.65	23.12	24.00
3	16QAM	1	8	23.38	23.71	23.30	24.00
3	16QAM	1	14	23.30	23.70	23.29	24.00
3	16QAM	8	0	22.49	22.83	22.49	23.00
3	16QAM	8	4	22.38	22.76	22.41	23.00
3	16QAM	8	7	22.63	22.82	22.51	23.00
3	16QAM	15	0	22.57	22.81	22.34	23.00
3	64QAM	1	0	23.22	23.39	23.07	24.00
3	64QAM	1	8	23.10	23.39	22.97	24.00
3	64QAM	1	14	22.69	22.98	22.57	24.00
3	64QAM	8	0	22.50	22.87	22.48	23.00
3	64QAM	8	4	22.58	22.82	22.53	23.00
3	64QAM	8	7	22.04	22.36	22.00	23.00
3	64QAM	15	0	22.53	22.80	22.50	23.00
3	256QAM	1	0	19.65	19.93	19.66	20.00
3	256QAM	1	8	19.51	19.81	19.30	20.00
3	256QAM	1	14	19.70	19.87	19.54	20.00
3	256QAM	8	0	19.51	19.86	19.46	20.00
3	256QAM	8	4	19.71	19.93	19.54	20.00
3	256QAM	8	7	19.67	19.79	19.46	20.00
3	256QAM	15	0	19.48	19.79	19.51	20.00
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	23.56	23.79	23.42	24.00
1.4	QPSK	1	3	22.98	23.24	22.91	24.00
1.4	QPSK	1	5	23.01	23.36	23.02	24.00
1.4	QPSK	3	0	23.18	23.44	23.19	24.00
1.4	QPSK	3	1	23.19	23.40	22.94	24.00
1.4	QPSK	3	3	23.00	23.30	22.86	24.00
1.4	QPSK	6	0	23.00	23.30	22.99	24.00
1.4	16QAM	1	0	23.29	23.65	23.16	24.00
1.4	16QAM	1	3	23.37	23.64	23.21	24.00
1.4	16QAM	1	5	23.32	23.63	23.37	24.00
1.4	16QAM	3	0	22.51	22.86	22.50	23.00
1.4	16QAM	3	1	22.46	22.76	22.48	23.00
1.4	16QAM	3	3	22.52	22.94	22.45	23.00
1.4	16QAM	6	0	22.53	22.82	22.36	23.00
1.4	64QAM	1	0	23.22	23.39	22.94	24.00
1.4	64QAM	1	3	23.11	23.31	22.88	24.00
1.4	64QAM	1	5	22.81	22.98	22.64	24.00
1.4	64QAM	3	0	22.62	22.78	22.46	23.00

1.4	64QAM	3	1	22.62	22.85	22.46	23.00
1.4	64QAM	3	3	22.11	22.45	21.96	23.00
1.4	64QAM	6	0	22.43	22.82	22.49	23.00
1.4	256QAM	1	0	19.52	19.95	19.68	20.00
1.4	256QAM	1	3	19.46	19.80	19.29	20.00
1.4	256QAM	1	5	19.60	19.86	19.49	20.00
1.4	256QAM	3	0	19.55	19.81	19.45	20.00
1.4	256QAM	3	1	19.67	19.88	19.52	20.00
1.4	256QAM	3	3	19.66	19.88	19.48	20.00
1.4	256QAM	6	0	19.45	19.82	19.52	20.00

【LTE Band 5_Ant 1_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	23.64	23.87	23.55	24.00
10	QPSK	1	25	23.03	23.35	23.00	24.00
10	QPSK	1	49	23.09	23.40	23.05	24.00
10	QPSK	25	0	23.27	23.55	23.20	24.00
10	QPSK	25	12	23.21	23.48	23.07	24.00
10	QPSK	25	25	23.05	23.37	22.96	24.00
10	QPSK	50	0	23.09	23.36	23.03	24.00
10	16QAM	1	0	23.40	23.69	23.24	24.00
10	16QAM	1	25	23.41	23.76	23.35	24.00
10	16QAM	1	49	23.42	23.77	23.42	24.00
10	16QAM	25	0	22.61	22.94	22.54	23.00
10	16QAM	25	12	22.48	22.85	22.51	23.00
10	16QAM	25	25	22.65	22.96	22.55	23.00
10	16QAM	50	0	22.61	22.85	22.49	23.00
10	64QAM	1	0	23.23	23.47	23.08	24.00
10	64QAM	1	25	23.15	23.46	23.03	24.00
10	64QAM	1	49	22.83	23.08	22.67	24.00
10	64QAM	25	0	22.65	22.93	22.60	23.00
10	64QAM	25	12	22.66	22.93	22.57	23.00
10	64QAM	25	25	22.17	22.48	22.09	23.00
10	64QAM	50	0	22.55	22.87	22.55	23.00
10	256QAM	1	0	19.67	19.99	19.71	20.00
10	256QAM	1	25	19.55	19.83	19.44	20.00
10	256QAM	1	49	19.72	19.98	19.64	20.00
10	256QAM	25	0	19.62	19.92	19.57	20.00
10	256QAM	25	12	19.75	19.96	19.66	20.00
10	256QAM	25	25	19.69	19.94	19.54	20.00
10	256QAM	50	0	19.57	19.87	19.59	20.00
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	23.51	23.84	23.41	24.00
5	QPSK	1	12	22.96	23.28	22.89	24.00
5	QPSK	1	24	22.99	23.36	22.96	24.00
5	QPSK	12	0	23.15	23.47	23.07	24.00
5	QPSK	12	7	23.16	23.37	22.95	24.00
5	QPSK	12	13	23.00	23.34	22.88	24.00
5	QPSK	25	0	23.08	23.35	23.00	24.00
5	16QAM	1	0	23.33	23.59	23.19	24.00
5	16QAM	1	12	23.29	23.62	23.23	24.00
5	16QAM	1	24	23.35	23.69	23.31	24.00
5	16QAM	12	0	22.49	22.84	22.42	23.00
5	16QAM	12	7	22.41	22.75	22.39	23.00
5	16QAM	12	13	22.62	22.86	22.42	23.00
5	16QAM	25	0	22.51	22.83	22.48	23.00
5	64QAM	1	0	23.19	23.34	22.94	24.00
5	64QAM	1	12	23.11	23.45	22.93	24.00
5	64QAM	1	24	22.72	22.94	22.54	24.00
5	64QAM	12	0	22.58	22.87	22.55	23.00
5	64QAM	12	7	22.53	22.83	22.45	23.00
5	64QAM	12	13	22.03	22.43	21.99	23.00
5	64QAM	25	0	22.47	22.82	22.51	23.00
5	256QAM	1	0	19.60	19.85	19.56	20.00
5	256QAM	1	12	19.43	19.71	19.32	20.00
5	256QAM	1	24	19.62	19.96	19.51	20.00
5	256QAM	12	0	19.56	19.90	19.56	20.00
5	256QAM	12	7	19.62	19.87	19.57	20.00

5	256QAM	12	13	19.65	19.85	19.50	20.00
5	256QAM	25	0	19.45	19.85	19.56	20.00
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	23.60	23.74	23.44	24.00
3	QPSK	1	8	23.00	23.28	22.89	24.00
3	QPSK	1	14	22.99	23.26	22.95	24.00
3	QPSK	8	0	23.12	23.49	23.12	24.00
3	QPSK	8	4	23.07	23.41	23.00	24.00
3	QPSK	8	7	22.99	23.33	22.93	24.00
3	QPSK	15	0	22.98	23.30	22.90	24.00
3	16QAM	1	0	23.29	23.65	23.12	24.00
3	16QAM	1	8	23.38	23.71	23.30	24.00
3	16QAM	1	14	23.30	23.70	23.29	24.00
3	16QAM	8	0	22.49	22.83	22.49	23.00
3	16QAM	8	4	22.38	22.76	22.41	23.00
3	16QAM	8	7	22.63	22.82	22.51	23.00
3	16QAM	15	0	22.57	22.81	22.34	23.00
3	64QAM	1	0	23.22	23.39	23.07	24.00
3	64QAM	1	8	23.10	23.39	22.97	24.00
3	64QAM	1	14	22.69	22.98	22.57	24.00
3	64QAM	8	0	22.50	22.87	22.48	23.00
3	64QAM	8	4	22.58	22.82	22.53	23.00
3	64QAM	8	7	22.04	22.36	22.00	23.00
3	64QAM	15	0	22.53	22.80	22.50	23.00
3	256QAM	1	0	19.65	19.93	19.66	20.00
3	256QAM	1	8	19.51	19.81	19.30	20.00
3	256QAM	1	14	19.70	19.87	19.54	20.00
3	256QAM	8	0	19.51	19.86	19.46	20.00
3	256QAM	8	4	19.71	19.93	19.54	20.00
3	256QAM	8	7	19.67	19.79	19.46	20.00
3	256QAM	15	0	19.48	19.79	19.51	20.00
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	23.56	23.79	23.42	24.00
1.4	QPSK	1	3	22.98	23.24	22.91	24.00
1.4	QPSK	1	5	23.01	23.36	23.02	24.00
1.4	QPSK	3	0	23.18	23.44	23.19	24.00
1.4	QPSK	3	1	23.19	23.40	22.94	24.00
1.4	QPSK	3	3	23.00	23.30	22.86	24.00
1.4	QPSK	6	0	23.00	23.30	22.99	24.00
1.4	16QAM	1	0	23.29	23.65	23.16	24.00
1.4	16QAM	1	3	23.37	23.64	23.21	24.00
1.4	16QAM	1	5	23.32	23.63	23.37	24.00
1.4	16QAM	3	0	22.51	22.86	22.50	23.00
1.4	16QAM	3	1	22.46	22.76	22.48	23.00
1.4	16QAM	3	3	22.52	22.94	22.45	23.00
1.4	16QAM	6	0	22.53	22.82	22.36	23.00
1.4	64QAM	1	0	23.22	23.39	22.94	24.00
1.4	64QAM	1	3	23.11	23.31	22.88	24.00
1.4	64QAM	1	5	22.81	22.98	22.64	24.00
1.4	64QAM	3	0	22.62	22.78	22.46	23.00
1.4	64QAM	3	1	22.62	22.85	22.46	23.00
1.4	64QAM	3	3	22.11	22.45	21.96	23.00
1.4	64QAM	6	0	22.43	22.82	22.49	23.00
1.4	256QAM	1	0	19.52	19.95	19.68	20.00
1.4	256QAM	1	3	19.46	19.80	19.29	20.00
1.4	256QAM	1	5	19.60	19.86	19.49	20.00
1.4	256QAM	3	0	19.55	19.81	19.45	20.00
1.4	256QAM	3	1	19.67	19.88	19.52	20.00
1.4	256QAM	3	3	19.66	19.88	19.48	20.00
1.4	256QAM	6	0	19.45	19.82	19.52	20.00

【LTE Band 5_Ant 1_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	23.64	23.87	23.55	24.00
10	QPSK	1	25	23.03	23.35	23.00	24.00
10	QPSK	1	49	23.09	23.40	23.05	24.00
10	QPSK	25	0	23.27	23.55	23.20	24.00

10	QPSK	25	12	23.21	23.48	23.07	24.00
10	QPSK	25	25	23.05	23.37	22.96	24.00
10	QPSK	50	0	23.09	23.36	23.03	24.00
10	16QAM	1	0	23.40	23.69	23.24	24.00
10	16QAM	1	25	23.41	23.76	23.35	24.00
10	16QAM	1	49	23.42	23.77	23.42	24.00
10	16QAM	25	0	22.61	22.94	22.54	23.00
10	16QAM	25	12	22.48	22.85	22.51	23.00
10	16QAM	25	25	22.65	22.96	22.55	23.00
10	16QAM	50	0	22.61	22.85	22.49	23.00
10	64QAM	1	0	23.23	23.47	23.08	24.00
10	64QAM	1	25	23.15	23.46	23.03	24.00
10	64QAM	1	49	22.83	23.08	22.67	24.00
10	64QAM	25	0	22.65	22.93	22.60	23.00
10	64QAM	25	12	22.66	22.93	22.57	23.00
10	64QAM	25	25	22.17	22.48	22.09	23.00
10	64QAM	50	0	22.55	22.87	22.55	23.00
10	256QAM	1	0	19.67	19.99	19.71	20.00
10	256QAM	1	25	19.55	19.83	19.44	20.00
10	256QAM	1	49	19.72	19.98	19.64	20.00
10	256QAM	25	0	19.62	19.92	19.57	20.00
10	256QAM	25	12	19.75	19.96	19.66	20.00
10	256QAM	25	25	19.69	19.94	19.54	20.00
10	256QAM	50	0	19.57	19.87	19.59	20.00
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	23.51	23.84	23.41	24.00
5	QPSK	1	12	22.96	23.28	22.89	24.00
5	QPSK	1	24	22.99	23.36	22.96	24.00
5	QPSK	12	0	23.15	23.47	23.07	24.00
5	QPSK	12	7	23.16	23.37	22.95	24.00
5	QPSK	12	13	23.00	23.34	22.88	24.00
5	QPSK	25	0	23.08	23.35	23.00	24.00
5	16QAM	1	0	23.33	23.59	23.19	24.00
5	16QAM	1	12	23.29	23.62	23.23	24.00
5	16QAM	1	24	23.35	23.69	23.31	24.00
5	16QAM	12	0	22.49	22.84	22.42	23.00
5	16QAM	12	7	22.41	22.75	22.39	23.00
5	16QAM	12	13	22.62	22.86	22.42	23.00
5	16QAM	25	0	22.51	22.83	22.48	23.00
5	64QAM	1	0	23.19	23.34	22.94	24.00
5	64QAM	1	12	23.11	23.45	22.93	24.00
5	64QAM	1	24	22.72	22.94	22.54	24.00
5	64QAM	12	0	22.58	22.87	22.55	23.00
5	64QAM	12	7	22.53	22.83	22.45	23.00
5	64QAM	12	13	22.03	22.43	21.99	23.00
5	64QAM	25	0	22.47	22.82	22.51	23.00
5	256QAM	1	0	19.60	19.85	19.56	20.00
5	256QAM	1	12	19.43	19.71	19.32	20.00
5	256QAM	1	24	19.62	19.96	19.51	20.00
5	256QAM	12	0	19.56	19.90	19.56	20.00
5	256QAM	12	7	19.62	19.87	19.57	20.00
5	256QAM	12	13	19.65	19.85	19.50	20.00
5	256QAM	25	0	19.45	19.85	19.56	20.00
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	23.60	23.74	23.44	24.00
3	QPSK	1	8	23.00	23.28	22.89	24.00
3	QPSK	1	14	22.99	23.26	22.95	24.00
3	QPSK	8	0	23.12	23.49	23.12	24.00
3	QPSK	8	4	23.07	23.41	23.00	24.00
3	QPSK	8	7	22.99	23.33	22.93	24.00
3	QPSK	15	0	22.98	23.30	22.90	24.00
3	16QAM	1	0	23.29	23.65	23.12	24.00
3	16QAM	1	8	23.38	23.71	23.30	24.00
3	16QAM	1	14	23.30	23.70	23.29	24.00
3	16QAM	8	0	22.49	22.83	22.49	23.00
3	16QAM	8	4	22.38	22.76	22.41	23.00
3	16QAM	8	7	22.63	22.82	22.51	23.00
3	16QAM	15	0	22.57	22.81	22.34	23.00
3	64QAM	1	0	23.22	23.39	23.07	24.00
3	64QAM	1	8	23.10	23.39	22.97	24.00
3	64QAM	1	14	22.69	22.98	22.57	24.00
3	64QAM	8	0	22.50	22.87	22.48	23.00
3	64QAM	8	4	22.58	22.82	22.53	23.00
3	64QAM	8	7	22.04	22.36	22.00	23.00
3	64QAM	15	0	22.53	22.80	22.50	23.00

3	256QAM	1	0	19.65	19.93	19.66	20.00
3	256QAM	1	8	19.51	19.81	19.30	20.00
3	256QAM	1	14	19.70	19.87	19.54	20.00
3	256QAM	8	0	19.51	19.86	19.46	20.00
3	256QAM	8	4	19.71	19.93	19.54	20.00
3	256QAM	8	7	19.67	19.79	19.46	20.00
3	256QAM	15	0	19.48	19.79	19.51	20.00
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	23.56	23.79	23.42	24.00
1.4	QPSK	1	3	22.98	23.24	22.91	24.00
1.4	QPSK	1	5	23.01	23.36	23.02	24.00
1.4	QPSK	3	0	23.18	23.44	23.19	24.00
1.4	QPSK	3	1	23.19	23.40	22.94	24.00
1.4	QPSK	3	3	23.00	23.30	22.86	24.00
1.4	QPSK	6	0	23.00	23.30	22.99	24.00
1.4	16QAM	1	0	23.29	23.65	23.16	24.00
1.4	16QAM	1	3	23.37	23.64	23.21	24.00
1.4	16QAM	1	5	23.32	23.63	23.37	24.00
1.4	16QAM	3	0	22.51	22.86	22.50	23.00
1.4	16QAM	3	1	22.46	22.76	22.48	23.00
1.4	16QAM	3	3	22.52	22.94	22.45	23.00
1.4	16QAM	6	0	22.53	22.82	22.36	23.00
1.4	64QAM	1	0	23.22	23.39	22.94	24.00
1.4	64QAM	1	3	23.11	23.31	22.88	24.00
1.4	64QAM	1	5	22.81	22.98	22.64	24.00
1.4	64QAM	3	0	22.62	22.78	22.46	23.00
1.4	64QAM	3	1	22.62	22.85	22.46	23.00
1.4	64QAM	3	3	22.11	22.45	21.96	23.00
1.4	64QAM	6	0	22.43	22.82	22.49	23.00
1.4	256QAM	1	0	19.52	19.95	19.68	20.00
1.4	256QAM	1	3	19.46	19.80	19.29	20.00
1.4	256QAM	1	5	19.60	19.86	19.49	20.00
1.4	256QAM	3	0	19.55	19.81	19.45	20.00
1.4	256QAM	3	1	19.67	19.88	19.52	20.00
1.4	256QAM	3	3	19.66	19.88	19.48	20.00
1.4	256QAM	6	0	19.45	19.82	19.52	20.00

【LTE Band 5_Ant 1_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	21.65	21.78	21.73	23.50
10	QPSK	1	25	21.50	21.71	21.58	23.50
10	QPSK	1	49	21.50	21.70	21.52	23.50
10	QPSK	25	0	21.57	21.75	21.68	23.50
10	QPSK	25	12	21.50	21.65	21.55	23.50
10	QPSK	25	25	21.50	21.68	21.50	23.50
10	QPSK	50	0	21.52	21.57	21.50	23.50
10	16QAM	1	0	21.50	21.64	21.51	23.50
10	16QAM	1	25	21.50	21.63	21.51	23.50
10	16QAM	1	49	21.52	21.67	21.60	23.50
10	16QAM	25	0	21.50	21.69	21.51	23.50
10	16QAM	25	12	21.50	21.64	21.50	23.50
10	16QAM	25	25	21.50	21.57	21.50	23.50
10	16QAM	50	0	21.51	21.62	21.50	23.50
10	64QAM	1	0	21.51	21.72	21.58	23.50
10	64QAM	1	25	21.51	21.61	21.50	23.50
10	64QAM	1	49	21.52	21.71	21.54	23.50
10	64QAM	25	0	21.50	21.61	21.50	23.50
10	64QAM	25	12	21.51	21.65	21.58	23.50
10	64QAM	25	25	21.51	21.64	21.51	23.50
10	64QAM	50	0	21.51	21.58	21.51	23.50
10	256QAM	1	0	19.67	19.99	19.71	20.60
10	256QAM	1	25	19.55	19.83	19.44	20.60
10	256QAM	1	49	19.72	19.98	19.64	20.60
10	256QAM	25	0	19.62	19.92	19.57	20.60
10	256QAM	25	12	19.75	19.96	19.66	20.60
10	256QAM	25	25	19.69	19.94	19.54	20.60
10	256QAM	50	0	19.57	19.87	19.59	20.60
Channel				20425	20525	20625	Tune-up limit

Frequency (MHz)				826.5	836.5	846.5	(dBm)
5	QPSK	1	0	21.51	21.64	21.58	23.50
5	QPSK	1	12	21.51	21.62	21.56	23.50
5	QPSK	1	24	21.50	21.58	21.50	23.50
5	QPSK	12	0	21.50	21.73	21.66	23.50
5	QPSK	12	7	21.50	21.57	21.50	23.50
5	QPSK	12	13	21.50	21.66	21.50	23.50
5	QPSK	25	0	21.51	21.50	21.51	23.50
5	16QAM	1	0	21.50	21.60	21.51	23.50
5	16QAM	1	12	21.50	21.54	21.50	23.50
5	16QAM	1	24	21.50	21.56	21.51	23.50
5	16QAM	12	0	21.51	21.62	21.50	23.50
5	16QAM	12	7	21.51	21.59	21.51	23.50
5	16QAM	12	13	21.50	21.53	21.50	23.50
5	16QAM	25	0	21.50	21.51	21.51	23.50
5	64QAM	1	0	21.51	21.66	21.50	23.50
5	64QAM	1	12	21.51	21.50	21.51	23.50
5	64QAM	1	24	21.52	21.62	21.50	23.50
5	64QAM	12	0	21.51	21.59	21.52	23.50
5	64QAM	12	7	21.50	21.62	21.50	23.50
5	64QAM	12	13	21.50	21.56	21.51	23.50
5	64QAM	25	0	21.51	21.51	21.50	23.50
5	256QAM	1	0	19.53	19.90	19.69	20.60
5	256QAM	1	12	19.49	19.79	19.37	20.60
5	256QAM	1	24	19.58	19.89	19.55	20.60
5	256QAM	12	0	19.55	19.83	19.51	20.60
5	256QAM	12	7	19.73	19.82	19.64	20.60
5	256QAM	12	13	19.59	19.89	19.50	20.60
5	256QAM	25	0	19.54	19.83	19.54	20.60
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	21.52	21.68	21.64	23.50
3	QPSK	1	8	21.52	21.64	21.51	23.50
3	QPSK	1	14	21.50	21.64	21.51	23.50
3	QPSK	8	0	21.55	21.71	21.56	23.50
3	QPSK	8	4	21.50	21.64	21.50	23.50
3	QPSK	8	7	21.50	21.61	21.50	23.50
3	QPSK	15	0	21.51	21.51	21.50	23.50
3	16QAM	1	0	21.51	21.58	21.50	23.50
3	16QAM	1	8	21.50	21.50	21.50	23.50
3	16QAM	1	14	21.50	21.54	21.50	23.50
3	16QAM	8	0	21.52	21.55	21.50	23.50
3	16QAM	8	4	21.51	21.54	21.50	23.50
3	16QAM	8	7	21.52	21.50	21.51	23.50
3	16QAM	15	0	21.50	21.53	21.50	23.50
3	64QAM	1	0	21.50	21.69	21.50	23.50
3	64QAM	1	8	21.51	21.50	21.51	23.50
3	64QAM	1	14	21.51	21.66	21.50	23.50
3	64QAM	8	0	21.50	21.52	21.51	23.50
3	64QAM	8	4	21.50	21.52	21.51	23.50
3	64QAM	8	7	21.51	21.51	21.50	23.50
3	64QAM	15	0	21.52	21.55	21.50	23.50
3	256QAM	1	0	19.53	19.93	19.65	20.60
3	256QAM	1	8	19.48	19.81	19.36	20.60
3	256QAM	1	14	19.61	19.87	19.52	20.60
3	256QAM	8	0	19.55	19.84	19.49	20.60
3	256QAM	8	4	19.70	19.90	19.51	20.60
3	256QAM	8	7	19.66	19.89	19.41	20.60
3	256QAM	15	0	19.46	19.86	19.45	20.60
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	21.63	21.68	21.71	23.50
1.4	QPSK	1	3	21.52	21.67	21.51	23.50
1.4	QPSK	1	5	21.50	21.60	21.50	23.50
1.4	QPSK	3	0	21.55	21.65	21.63	23.50
1.4	QPSK	3	1	21.50	21.55	21.50	23.50
1.4	QPSK	3	3	21.50	21.57	21.51	23.50
1.4	QPSK	6	0	21.52	21.50	21.50	23.50
1.4	16QAM	1	0	21.50	21.59	21.51	23.50
1.4	16QAM	1	3	21.50	21.58	21.50	23.50
1.4	16QAM	1	5	21.51	21.65	21.53	23.50
1.4	16QAM	3	0	21.51	21.60	21.50	23.50
1.4	16QAM	3	1	21.50	21.61	21.50	23.50
1.4	16QAM	3	3	21.50	21.50	21.50	23.50
1.4	16QAM	6	0	21.51	21.59	21.51	23.50
1.4	64QAM	1	0	21.50	21.68	21.52	23.50
1.4	64QAM	1	3	21.51	21.53	21.50	23.50

1.4	64QAM	1	5	21.50	21.59	21.52	23.50
1.4	64QAM	3	0	21.50	21.53	21.50	23.50
1.4	64QAM	3	1	21.51	21.53	21.51	23.50
1.4	64QAM	3	3	21.51	21.50	21.52	23.50
1.4	64QAM	6	0	21.50	21.51	21.51	23.50
1.4	256QAM	1	0	19.66	19.93	19.66	20.60
1.4	256QAM	1	3	19.45	19.77	19.29	20.60
1.4	256QAM	1	5	19.60	19.90	19.63	20.60
1.4	256QAM	3	0	19.52	19.77	19.50	20.60
1.4	256QAM	3	1	19.66	19.90	19.61	20.60
1.4	256QAM	3	3	19.56	19.91	19.41	20.60
1.4	256QAM	6	0	19.55	19.84	19.48	20.60

【LTE Band 5_Ant 1_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	23.64	23.87	23.55	24.00
10	QPSK	1	25	23.03	23.35	23.00	24.00
10	QPSK	1	49	23.09	23.40	23.05	24.00
10	QPSK	25	0	23.27	23.55	23.20	24.00
10	QPSK	25	12	23.21	23.48	23.07	24.00
10	QPSK	25	25	23.05	23.37	22.96	24.00
10	QPSK	50	0	23.09	23.36	23.03	24.00
10	16QAM	1	0	23.40	23.69	23.24	24.00
10	16QAM	1	25	23.41	23.76	23.35	24.00
10	16QAM	1	49	23.42	23.77	23.42	24.00
10	16QAM	25	0	22.61	22.94	22.54	23.00
10	16QAM	25	12	22.48	22.85	22.51	23.00
10	16QAM	25	25	22.65	22.96	22.55	23.00
10	16QAM	50	0	22.61	22.85	22.49	23.00
10	64QAM	1	0	23.23	23.47	23.08	24.00
10	64QAM	1	25	23.15	23.46	23.03	24.00
10	64QAM	1	49	22.83	23.08	22.67	24.00
10	64QAM	25	0	22.65	22.93	22.60	23.00
10	64QAM	25	12	22.66	22.93	22.57	23.00
10	64QAM	25	25	22.17	22.48	22.09	23.00
10	64QAM	50	0	22.55	22.87	22.55	23.00
10	256QAM	1	0	19.67	19.99	19.71	20.00
10	256QAM	1	25	19.55	19.83	19.44	20.00
10	256QAM	1	49	19.72	19.98	19.64	20.00
10	256QAM	25	0	19.62	19.92	19.57	20.00
10	256QAM	25	12	19.75	19.96	19.66	20.00
10	256QAM	25	25	19.69	19.94	19.54	20.00
10	256QAM	50	0	19.57	19.87	19.59	20.00
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	23.51	23.84	23.41	24.00
5	QPSK	1	12	22.96	23.28	22.89	24.00
5	QPSK	1	24	22.99	23.36	22.96	24.00
5	QPSK	12	0	23.15	23.47	23.07	24.00
5	QPSK	12	7	23.16	23.37	22.95	24.00
5	QPSK	12	13	23.00	23.34	22.88	24.00
5	QPSK	25	0	23.08	23.35	23.00	24.00
5	16QAM	1	0	23.33	23.59	23.19	24.00
5	16QAM	1	12	23.29	23.62	23.23	24.00
5	16QAM	1	24	23.35	23.69	23.31	24.00
5	16QAM	12	0	22.49	22.84	22.42	23.00
5	16QAM	12	7	22.41	22.75	22.39	23.00
5	16QAM	12	13	22.62	22.86	22.42	23.00
5	16QAM	25	0	22.51	22.83	22.48	23.00
5	64QAM	1	0	23.19	23.34	22.94	24.00
5	64QAM	1	12	23.11	23.45	22.93	24.00
5	64QAM	1	24	22.72	22.94	22.54	24.00
5	64QAM	12	0	22.58	22.87	22.55	23.00
5	64QAM	12	7	22.53	22.83	22.45	23.00
5	64QAM	12	13	22.03	22.43	21.99	23.00
5	64QAM	25	0	22.47	22.82	22.51	23.00
5	256QAM	1	0	19.60	19.85	19.56	20.00
5	256QAM	1	12	19.43	19.71	19.32	20.00
5	256QAM	1	24	19.62	19.96	19.51	20.00

5	256QAM	12	0	19.56	19.90	19.56	20.00
5	256QAM	12	7	19.62	19.87	19.57	20.00
5	256QAM	12	13	19.65	19.85	19.50	20.00
5	256QAM	25	0	19.45	19.85	19.56	20.00
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	23.60	23.74	23.44	24.00
3	QPSK	1	8	23.00	23.28	22.89	24.00
3	QPSK	1	14	22.99	23.26	22.95	24.00
3	QPSK	8	0	23.12	23.49	23.12	24.00
3	QPSK	8	4	23.07	23.41	23.00	24.00
3	QPSK	8	7	22.99	23.33	22.93	24.00
3	QPSK	15	0	22.98	23.30	22.90	24.00
3	16QAM	1	0	23.29	23.65	23.12	24.00
3	16QAM	1	8	23.38	23.71	23.30	24.00
3	16QAM	1	14	23.30	23.70	23.29	24.00
3	16QAM	8	0	22.49	22.83	22.49	23.00
3	16QAM	8	4	22.38	22.76	22.41	23.00
3	16QAM	8	7	22.63	22.82	22.51	23.00
3	16QAM	15	0	22.57	22.81	22.34	23.00
3	64QAM	1	0	23.22	23.39	23.07	24.00
3	64QAM	1	8	23.10	23.39	22.97	24.00
3	64QAM	1	14	22.69	22.98	22.57	24.00
3	64QAM	8	0	22.50	22.87	22.48	23.00
3	64QAM	8	4	22.58	22.82	22.53	23.00
3	64QAM	8	7	22.04	22.36	22.00	23.00
3	64QAM	15	0	22.53	22.80	22.50	23.00
3	256QAM	1	0	19.65	19.93	19.66	20.00
3	256QAM	1	8	19.51	19.81	19.30	20.00
3	256QAM	1	14	19.70	19.87	19.54	20.00
3	256QAM	8	0	19.51	19.86	19.46	20.00
3	256QAM	8	4	19.71	19.93	19.54	20.00
3	256QAM	8	7	19.67	19.79	19.46	20.00
3	256QAM	15	0	19.48	19.79	19.51	20.00
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	23.56	23.79	23.42	24.00
1.4	QPSK	1	3	22.98	23.24	22.91	24.00
1.4	QPSK	1	5	23.01	23.36	23.02	24.00
1.4	QPSK	3	0	23.18	23.44	23.19	24.00
1.4	QPSK	3	1	23.19	23.40	22.94	24.00
1.4	QPSK	3	3	23.00	23.30	22.86	24.00
1.4	QPSK	6	0	23.00	23.30	22.99	24.00
1.4	16QAM	1	0	23.29	23.65	23.16	24.00
1.4	16QAM	1	3	23.37	23.64	23.21	24.00
1.4	16QAM	1	5	23.32	23.63	23.37	24.00
1.4	16QAM	3	0	22.51	22.86	22.50	23.00
1.4	16QAM	3	1	22.46	22.76	22.48	23.00
1.4	16QAM	3	3	22.52	22.94	22.45	23.00
1.4	16QAM	6	0	22.53	22.82	22.36	23.00
1.4	64QAM	1	0	23.22	23.39	22.94	24.00
1.4	64QAM	1	3	23.11	23.31	22.88	24.00
1.4	64QAM	1	5	22.81	22.98	22.64	24.00
1.4	64QAM	3	0	22.62	22.78	22.46	23.00
1.4	64QAM	3	1	22.62	22.85	22.46	23.00
1.4	64QAM	3	3	22.11	22.45	21.96	23.00
1.4	64QAM	6	0	22.43	22.82	22.49	23.00
1.4	256QAM	1	0	19.52	19.95	19.68	20.00
1.4	256QAM	1	3	19.46	19.80	19.29	20.00
1.4	256QAM	1	5	19.60	19.86	19.49	20.00
1.4	256QAM	3	0	19.55	19.81	19.45	20.00
1.4	256QAM	3	1	19.67	19.88	19.52	20.00
1.4	256QAM	3	3	19.66	19.88	19.48	20.00
1.4	256QAM	6	0	19.45	19.82	19.52	20.00

【LTE Band 5_Ant 1_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	21.65	21.78	21.73	23.50
10	QPSK	1	25	21.50	21.71	21.58	23.50

10	QPSK	1	49	21.50	21.70	21.52	23.50
10	QPSK	25	0	21.57	21.75	21.68	23.50
10	QPSK	25	12	21.50	21.65	21.55	23.50
10	QPSK	25	25	21.50	21.68	21.50	23.50
10	QPSK	50	0	21.52	21.57	21.50	23.50
10	16QAM	1	0	21.50	21.64	21.51	23.50
10	16QAM	1	25	21.50	21.63	21.51	23.50
10	16QAM	1	49	21.52	21.67	21.60	23.50
10	16QAM	25	0	21.50	21.69	21.51	23.50
10	16QAM	25	12	21.50	21.64	21.50	23.50
10	16QAM	25	25	21.50	21.57	21.50	23.50
10	16QAM	50	0	21.51	21.62	21.50	23.50
10	64QAM	1	0	21.51	21.72	21.58	23.50
10	64QAM	1	25	21.51	21.61	21.50	23.50
10	64QAM	1	49	21.52	21.71	21.54	23.50
10	64QAM	25	0	21.50	21.61	21.50	23.50
10	64QAM	25	12	21.51	21.65	21.58	23.50
10	64QAM	25	25	21.51	21.64	21.51	23.50
10	64QAM	50	0	21.51	21.58	21.51	23.50
10	256QAM	1	0	19.67	19.99	19.71	20.60
10	256QAM	1	25	19.55	19.83	19.44	20.60
10	256QAM	1	49	19.72	19.98	19.64	20.60
10	256QAM	25	0	19.62	19.92	19.57	20.60
10	256QAM	25	12	19.75	19.96	19.66	20.60
10	256QAM	25	25	19.69	19.94	19.54	20.60
10	256QAM	50	0	19.57	19.87	19.59	20.60
Channel				20425	20525	20625	Tune-up limit
Frequency (MHz)				826.5	836.5	846.5	(dBm)
5	QPSK	1	0	21.51	21.64	21.58	23.50
5	QPSK	1	12	21.51	21.62	21.56	23.50
5	QPSK	1	24	21.50	21.58	21.50	23.50
5	QPSK	12	0	21.50	21.73	21.66	23.50
5	QPSK	12	7	21.50	21.57	21.50	23.50
5	QPSK	12	13	21.50	21.66	21.50	23.50
5	QPSK	25	0	21.51	21.50	21.51	23.50
5	16QAM	1	0	21.50	21.60	21.51	23.50
5	16QAM	1	12	21.50	21.54	21.50	23.50
5	16QAM	1	24	21.50	21.56	21.51	23.50
5	16QAM	12	0	21.51	21.62	21.50	23.50
5	16QAM	12	7	21.51	21.59	21.51	23.50
5	16QAM	12	13	21.50	21.53	21.50	23.50
5	16QAM	25	0	21.50	21.51	21.51	23.50
5	64QAM	1	0	21.51	21.66	21.50	23.50
5	64QAM	1	12	21.51	21.50	21.51	23.50
5	64QAM	1	24	21.52	21.62	21.50	23.50
5	64QAM	12	0	21.51	21.59	21.52	23.50
5	64QAM	12	7	21.50	21.62	21.50	23.50
5	64QAM	12	13	21.50	21.56	21.51	23.50
5	64QAM	25	0	21.51	21.51	21.50	23.50
5	256QAM	1	0	19.53	19.90	19.69	20.60
5	256QAM	1	12	19.49	19.79	19.37	20.60
5	256QAM	1	24	19.58	19.89	19.55	20.60
5	256QAM	12	0	19.55	19.83	19.51	20.60
5	256QAM	12	7	19.73	19.82	19.64	20.60
5	256QAM	12	13	19.59	19.89	19.50	20.60
5	256QAM	25	0	19.54	19.83	19.54	20.60
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	21.52	21.68	21.64	23.50
3	QPSK	1	8	21.52	21.64	21.51	23.50
3	QPSK	1	14	21.50	21.64	21.51	23.50
3	QPSK	8	0	21.55	21.71	21.56	23.50
3	QPSK	8	4	21.50	21.64	21.50	23.50
3	QPSK	8	7	21.50	21.61	21.50	23.50
3	QPSK	15	0	21.51	21.51	21.50	23.50
3	16QAM	1	0	21.51	21.58	21.50	23.50
3	16QAM	1	8	21.50	21.50	21.50	23.50
3	16QAM	1	14	21.50	21.54	21.50	23.50
3	16QAM	8	0	21.52	21.55	21.50	23.50
3	16QAM	8	4	21.51	21.54	21.50	23.50
3	16QAM	8	7	21.52	21.50	21.51	23.50
3	16QAM	15	0	21.50	21.53	21.50	23.50
3	64QAM	1	0	21.50	21.69	21.50	23.50
3	64QAM	1	8	21.51	21.50	21.51	23.50
3	64QAM	1	14	21.51	21.66	21.50	23.50
3	64QAM	8	0	21.50	21.52	21.51	23.50
3	64QAM	8	4	21.50	21.52	21.51	23.50

3	64QAM	8	7	21.51	21.51	21.50	23.50
3	64QAM	15	0	21.52	21.55	21.50	23.50
3	256QAM	1	0	19.53	19.93	19.65	20.60
3	256QAM	1	8	19.48	19.81	19.36	20.60
3	256QAM	1	14	19.61	19.87	19.52	20.60
3	256QAM	8	0	19.55	19.84	19.49	20.60
3	256QAM	8	4	19.70	19.90	19.51	20.60
3	256QAM	8	7	19.66	19.89	19.41	20.60
3	256QAM	15	0	19.46	19.86	19.45	20.60
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	21.63	21.68	21.71	23.50
1.4	QPSK	1	3	21.52	21.67	21.51	23.50
1.4	QPSK	1	5	21.50	21.60	21.50	23.50
1.4	QPSK	3	0	21.55	21.65	21.63	23.50
1.4	QPSK	3	1	21.50	21.55	21.50	23.50
1.4	QPSK	3	3	21.50	21.57	21.51	23.50
1.4	QPSK	6	0	21.52	21.50	21.50	23.50
1.4	16QAM	1	0	21.50	21.59	21.51	23.50
1.4	16QAM	1	3	21.50	21.58	21.50	23.50
1.4	16QAM	1	5	21.51	21.65	21.53	23.50
1.4	16QAM	3	0	21.51	21.60	21.50	23.50
1.4	16QAM	3	1	21.50	21.61	21.50	23.50
1.4	16QAM	3	3	21.50	21.50	21.50	23.50
1.4	16QAM	6	0	21.51	21.59	21.51	23.50
1.4	64QAM	1	0	21.50	21.68	21.52	23.50
1.4	64QAM	1	3	21.51	21.53	21.50	23.50
1.4	64QAM	1	5	21.50	21.59	21.52	23.50
1.4	64QAM	3	0	21.50	21.53	21.50	23.50
1.4	64QAM	3	1	21.51	21.53	21.51	23.50
1.4	64QAM	3	3	21.51	21.50	21.52	23.50
1.4	64QAM	6	0	21.50	21.51	21.51	23.50
1.4	256QAM	1	0	19.66	19.93	19.66	20.60
1.4	256QAM	1	3	19.45	19.77	19.29	20.60
1.4	256QAM	1	5	19.60	19.90	19.63	20.60
1.4	256QAM	3	0	19.52	19.77	19.50	20.60
1.4	256QAM	3	1	19.66	19.90	19.61	20.60
1.4	256QAM	3	3	19.56	19.91	19.41	20.60
1.4	256QAM	6	0	19.55	19.84	19.48	20.60

【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	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	22.63	22.74	22.69	24.00
20	QPSK	1	49	22.09	22.25	22.15	24.00
20	QPSK	1	99	22.09	22.22	22.06	24.00
20	QPSK	50	0	22.47	22.71	22.61	24.00
20	QPSK	50	24	22.11	22.28	22.15	24.00
20	QPSK	50	50	22.09	22.21	22.10	24.00
20	QPSK	100	0	22.42	22.65	22.51	23.50
20	16QAM	1	0	22.33	22.52	22.45	23.50
20	16QAM	1	49	22.49	22.66	22.46	23.50
20	16QAM	1	99	22.44	22.59	22.53	23.50
20	16QAM	50	0	21.69	21.87	21.68	23.00
20	16QAM	50	24	21.59	21.79	21.70	23.00
20	16QAM	50	50	21.59	21.72	21.63	23.00
20	16QAM	100	0	21.48	21.69	21.59	23.00
20	64QAM	1	0	22.06	22.27	22.09	23.50
20	64QAM	1	49	22.05	22.29	22.20	23.50
20	64QAM	1	99	21.79	21.99	21.83	23.50
20	64QAM	50	0	21.62	21.78	21.64	23.00
20	64QAM	50	24	21.65	21.77	21.71	23.00
20	64QAM	50	50	21.06	21.30	21.21	23.00
20	64QAM	100	0	21.80	21.95	21.89	23.00
20	256QAM	1	0	18.68	18.91	18.81	20.00
20	256QAM	1	49	18.81	19.00	18.83	20.00
20	256QAM	1	99	18.84	19.00	18.87	20.00
20	256QAM	50	0	18.59	18.81	18.63	20.00
20	256QAM	50	24	18.71	18.81	18.64	20.00
20	256QAM	50	50	18.61	18.77	18.64	20.00

20	256QAM	100	0	18.72	18.88	18.71	20.00
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	22.50	22.68	22.58	24.00
15	QPSK	1	37	22.04	22.10	22.07	24.00
15	QPSK	1	74	22.00	22.11	22.01	24.00
15	QPSK	36	0	22.36	22.68	22.46	24.00
15	QPSK	36	20	22.00	22.24	22.06	24.00
15	QPSK	36	39	22.00	22.14	22.04	24.00
15	QPSK	75	0	22.39	22.53	22.48	23.50
15	16QAM	1	0	22.19	22.40	22.39	23.50
15	16QAM	1	37	22.46	22.57	22.42	23.50
15	16QAM	1	74	22.41	22.57	22.45	23.50
15	16QAM	36	0	21.55	21.84	21.64	23.00
15	16QAM	36	20	21.50	21.65	21.62	23.00
15	16QAM	36	39	21.56	21.59	21.56	23.00
15	16QAM	75	0	21.41	21.64	21.58	23.00
15	64QAM	1	0	22.02	22.22	22.05	23.50
15	64QAM	1	37	21.95	22.15	22.13	23.50
15	64QAM	1	74	21.64	21.88	21.81	23.50
15	64QAM	36	0	21.49	21.73	21.55	23.00
15	64QAM	36	20	21.57	21.71	21.60	23.00
15	64QAM	36	39	21.00	21.19	21.16	23.00
15	64QAM	75	0	21.74	21.85	21.74	23.00
15	256QAM	1	0	18.64	18.87	18.69	20.00
15	256QAM	1	37	18.70	18.85	18.81	20.00
15	256QAM	1	74	18.76	18.94	18.83	20.00
15	256QAM	36	0	18.56	18.77	18.50	20.00
15	256QAM	36	20	18.61	18.80	18.55	20.00
15	256QAM	36	39	18.58	18.70	18.49	20.00
15	256QAM	75	0	18.70	18.83	18.57	20.00
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	22.60	22.63	22.55	24.00
10	QPSK	1	25	22.02	22.22	22.08	24.00
10	QPSK	1	49	22.01	22.16	22.00	24.00
10	QPSK	25	0	22.40	22.61	22.60	24.00
10	QPSK	25	12	22.04	22.15	22.14	24.00
10	QPSK	25	25	22.08	22.10	22.02	24.00
10	QPSK	50	0	22.28	22.51	22.40	23.50
10	16QAM	1	0	22.24	22.49	22.37	23.50
10	16QAM	1	25	22.45	22.57	22.38	23.50
10	16QAM	1	49	22.36	22.45	22.49	23.50
10	16QAM	25	0	21.63	21.86	21.57	23.00
10	16QAM	25	12	21.51	21.68	21.67	23.00
10	16QAM	25	25	21.56	21.68	21.61	23.00
10	16QAM	50	0	21.44	21.64	21.55	23.00
10	64QAM	1	0	21.95	22.22	21.99	23.50
10	64QAM	1	25	21.98	22.24	22.17	23.50
10	64QAM	1	49	21.67	21.98	21.69	23.50
10	64QAM	25	0	21.53	21.66	21.59	23.00
10	64QAM	25	12	21.60	21.65	21.69	23.00
10	64QAM	25	25	21.01	21.15	21.17	23.00
10	64QAM	50	0	21.66	21.81	21.87	23.00
10	256QAM	1	0	18.56	18.80	18.66	20.00
10	256QAM	1	25	18.72	18.95	18.82	20.00
10	256QAM	1	49	18.71	18.92	18.85	20.00
10	256QAM	25	0	18.45	18.66	18.56	20.00
10	256QAM	25	12	18.66	18.80	18.60	20.00
10	256QAM	25	25	18.56	18.68	18.61	20.00
10	256QAM	50	0	18.67	18.74	18.59	20.00
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	22.51	22.70	22.67	24.00
5	QPSK	1	12	22.00	22.16	22.10	24.00
5	QPSK	1	24	22.00	22.17	22.02	24.00
5	QPSK	12	0	22.33	22.66	22.49	24.00
5	QPSK	12	7	22.05	22.14	22.13	24.00
5	QPSK	12	13	22.00	22.09	22.00	24.00
5	QPSK	25	0	22.29	22.55	22.37	23.50
5	16QAM	1	0	22.32	22.49	22.39	23.50
5	16QAM	1	12	22.38	22.54	22.42	23.50
5	16QAM	1	24	22.35	22.47	22.49	23.50
5	16QAM	12	0	21.65	21.73	21.53	23.00
5	16QAM	12	7	21.44	21.64	21.58	23.00
5	16QAM	12	13	21.51	21.57	21.50	23.00
5	16QAM	25	0	21.33	21.58	21.57	23.00

5	64QAM	1	0	21.94	22.17	22.00	23.50
5	64QAM	1	12	21.98	22.22	22.08	23.50
5	64QAM	1	24	21.67	21.89	21.81	23.50
5	64QAM	12	0	21.59	21.71	21.51	23.00
5	64QAM	12	7	21.63	21.67	21.67	23.00
5	64QAM	12	13	21.00	21.27	21.07	23.00
5	64QAM	25	0	21.75	21.82	21.80	23.00
5	256QAM	1	0	18.63	18.85	18.66	20.00
5	256QAM	1	12	18.66	18.86	18.70	20.00
5	256QAM	1	24	18.80	18.90	18.78	20.00
5	256QAM	12	0	18.52	18.80	18.51	20.00
5	256QAM	12	7	18.60	18.75	18.58	20.00
5	256QAM	12	13	18.59	18.69	18.57	20.00
5	256QAM	25	0	18.63	18.76	18.60	20.00

【LTE Band 7_Ant 1_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	22.63	22.74	22.69	24.00
20	QPSK	1	49	22.09	22.25	22.15	24.00
20	QPSK	1	99	22.09	22.22	22.06	24.00
20	QPSK	50	0	22.47	22.71	22.61	24.00
20	QPSK	50	24	22.11	22.28	22.15	24.00
20	QPSK	50	50	22.09	22.21	22.10	24.00
20	QPSK	100	0	22.42	22.65	22.51	23.50
20	16QAM	1	0	22.33	22.52	22.45	23.50
20	16QAM	1	49	22.49	22.66	22.46	23.50
20	16QAM	1	99	22.44	22.59	22.53	23.50
20	16QAM	50	0	21.69	21.87	21.68	23.00
20	16QAM	50	24	21.59	21.79	21.70	23.00
20	16QAM	50	50	21.59	21.72	21.63	23.00
20	16QAM	100	0	21.48	21.69	21.59	23.00
20	64QAM	1	0	22.06	22.27	22.09	23.50
20	64QAM	1	49	22.05	22.29	22.20	23.50
20	64QAM	1	99	21.79	21.99	21.83	23.50
20	64QAM	50	0	21.62	21.78	21.64	23.00
20	64QAM	50	24	21.65	21.77	21.71	23.00
20	64QAM	50	50	21.06	21.30	21.21	23.00
20	64QAM	100	0	21.80	21.95	21.89	23.00
20	256QAM	1	0	18.68	18.91	18.81	20.00
20	256QAM	1	49	18.81	19.00	18.83	20.00
20	256QAM	1	99	18.84	19.00	18.87	20.00
20	256QAM	50	0	18.59	18.81	18.63	20.00
20	256QAM	50	24	18.71	18.81	18.64	20.00
20	256QAM	50	50	18.61	18.77	18.64	20.00
20	256QAM	100	0	18.72	18.88	18.71	20.00
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	22.50	22.68	22.58	24.00
15	QPSK	1	37	22.04	22.10	22.07	24.00
15	QPSK	1	74	22.00	22.11	22.01	24.00
15	QPSK	36	0	22.36	22.68	22.46	24.00
15	QPSK	36	20	22.00	22.24	22.06	24.00
15	QPSK	36	39	22.00	22.14	22.04	24.00
15	QPSK	75	0	22.39	22.53	22.48	23.50
15	16QAM	1	0	22.19	22.40	22.39	23.50
15	16QAM	1	37	22.46	22.57	22.42	23.50
15	16QAM	1	74	22.41	22.57	22.45	23.50
15	16QAM	36	0	21.55	21.84	21.64	23.00
15	16QAM	36	20	21.50	21.65	21.62	23.00
15	16QAM	36	39	21.56	21.59	21.56	23.00
15	16QAM	75	0	21.41	21.64	21.58	23.00
15	64QAM	1	0	22.02	22.22	22.05	23.50
15	64QAM	1	37	21.95	22.15	22.13	23.50
15	64QAM	1	74	21.64	21.88	21.81	23.50
15	64QAM	36	0	21.49	21.73	21.55	23.00
15	64QAM	36	20	21.57	21.71	21.60	23.00
15	64QAM	36	39	21.00	21.19	21.16	23.00
15	64QAM	75	0	21.74	21.85	21.74	23.00
15	256QAM	1	0	18.64	18.87	18.69	20.00

15	256QAM	1	37	18.70	18.85	18.81	20.00
15	256QAM	1	74	18.76	18.94	18.83	20.00
15	256QAM	36	0	18.56	18.77	18.50	20.00
15	256QAM	36	20	18.61	18.80	18.55	20.00
15	256QAM	36	39	18.58	18.70	18.49	20.00
15	256QAM	75	0	18.70	18.83	18.57	20.00
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	22.60	22.63	22.55	24.00
10	QPSK	1	25	22.02	22.22	22.08	24.00
10	QPSK	1	49	22.01	22.16	22.00	24.00
10	QPSK	25	0	22.40	22.61	22.60	24.00
10	QPSK	25	12	22.04	22.15	22.14	24.00
10	QPSK	25	25	22.08	22.10	22.02	24.00
10	QPSK	50	0	22.28	22.51	22.40	23.50
10	16QAM	1	0	22.24	22.49	22.37	23.50
10	16QAM	1	25	22.45	22.57	22.38	23.50
10	16QAM	1	49	22.36	22.45	22.49	23.50
10	16QAM	25	0	21.63	21.86	21.57	23.00
10	16QAM	25	12	21.51	21.68	21.67	23.00
10	16QAM	25	25	21.56	21.68	21.61	23.00
10	16QAM	50	0	21.44	21.64	21.55	23.00
10	64QAM	1	0	21.95	22.22	21.99	23.50
10	64QAM	1	25	21.98	22.24	22.17	23.50
10	64QAM	1	49	21.67	21.98	21.69	23.50
10	64QAM	25	0	21.53	21.66	21.59	23.00
10	64QAM	25	12	21.60	21.65	21.69	23.00
10	64QAM	25	25	21.01	21.15	21.17	23.00
10	64QAM	50	0	21.66	21.81	21.87	23.00
10	256QAM	1	0	18.56	18.80	18.66	20.00
10	256QAM	1	25	18.72	18.95	18.82	20.00
10	256QAM	1	49	18.71	18.92	18.85	20.00
10	256QAM	25	0	18.45	18.66	18.56	20.00
10	256QAM	25	12	18.66	18.80	18.60	20.00
10	256QAM	25	25	18.56	18.68	18.61	20.00
10	256QAM	50	0	18.67	18.74	18.59	20.00
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	22.51	22.70	22.67	24.00
5	QPSK	1	12	22.00	22.16	22.10	24.00
5	QPSK	1	24	22.00	22.17	22.02	24.00
5	QPSK	12	0	22.33	22.66	22.49	24.00
5	QPSK	12	7	22.05	22.14	22.13	24.00
5	QPSK	12	13	22.00	22.09	22.00	24.00
5	QPSK	25	0	22.29	22.55	22.37	23.50
5	16QAM	1	0	22.32	22.49	22.39	23.50
5	16QAM	1	12	22.38	22.54	22.42	23.50
5	16QAM	1	24	22.35	22.47	22.49	23.50
5	16QAM	12	0	21.65	21.73	21.53	23.00
5	16QAM	12	7	21.44	21.64	21.58	23.00
5	16QAM	12	13	21.51	21.57	21.50	23.00
5	16QAM	25	0	21.33	21.58	21.57	23.00
5	64QAM	1	0	21.94	22.17	22.00	23.50
5	64QAM	1	12	21.98	22.22	22.08	23.50
5	64QAM	1	24	21.67	21.89	21.81	23.50
5	64QAM	12	0	21.59	21.71	21.51	23.00
5	64QAM	12	7	21.63	21.67	21.67	23.00
5	64QAM	12	13	21.00	21.27	21.07	23.00
5	64QAM	25	0	21.75	21.82	21.80	23.00
5	256QAM	1	0	18.63	18.85	18.66	20.00
5	256QAM	1	12	18.66	18.86	18.70	20.00
5	256QAM	1	24	18.80	18.90	18.78	20.00
5	256QAM	12	0	18.52	18.80	18.51	20.00
5	256QAM	12	7	18.60	18.75	18.58	20.00
5	256QAM	12	13	18.59	18.69	18.57	20.00
5	256QAM	25	0	18.63	18.76	18.60	20.00

[LTE Band 7_Ant 1_DSI 2]

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	

20	QPSK	1	0	18.38	18.42	18.40	20.20
20	QPSK	1	49	18.30	18.40	18.30	20.20
20	QPSK	1	99	18.20	18.35	18.28	20.20
20	QPSK	50	0	18.30	18.38	18.35	20.20
20	QPSK	50	24	18.20	18.35	18.28	20.20
20	QPSK	50	50	18.26	18.35	18.27	20.20
20	QPSK	100	0	18.15	18.30	18.17	19.70
20	16QAM	1	0	18.22	18.28	18.21	20.20
20	16QAM	1	49	18.21	18.28	18.20	20.20
20	16QAM	1	99	18.20	18.37	18.23	20.20
20	16QAM	50	0	18.27	18.37	18.21	20.20
20	16QAM	50	24	18.21	18.34	18.20	20.20
20	16QAM	50	50	18.21	18.26	18.20	20.20
20	16QAM	100	0	18.20	18.31	18.20	20.20
20	64QAM	1	0	18.20	18.33	18.27	20.20
20	64QAM	1	49	18.21	18.32	18.29	20.20
20	64QAM	1	99	18.20	18.26	18.21	20.20
20	64QAM	50	0	18.21	18.36	18.25	20.20
20	64QAM	50	24	18.21	18.28	18.20	20.20
20	64QAM	50	50	18.32	18.37	18.31	20.20
20	64QAM	100	0	18.20	18.30	18.20	20.20
20	256QAM	1	0	18.20	18.26	18.11	20.00
20	256QAM	1	49	18.07	18.17	18.02	20.00
20	256QAM	1	99	18.07	18.15	18.02	20.00
20	256QAM	50	0	18.02	18.08	18.00	20.00
20	256QAM	50	24	18.02	18.03	18.01	20.00
20	256QAM	50	50	18.18	18.24	18.18	20.00
20	256QAM	100	0	18.09	18.26	18.15	20.00
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	18.34	18.36	18.27	20.20
15	QPSK	1	37	18.21	18.36	18.21	20.20
15	QPSK	1	74	18.20	18.21	18.20	20.20
15	QPSK	36	0	18.20	18.27	18.21	20.20
15	QPSK	36	20	18.22	18.20	18.22	20.20
15	QPSK	36	39	18.21	18.35	18.20	20.20
15	QPSK	75	0	18.06	18.29	18.15	19.70
15	16QAM	1	0	18.21	18.21	18.21	20.20
15	16QAM	1	37	18.20	18.21	18.22	20.20
15	16QAM	1	74	18.20	18.25	18.21	20.20
15	16QAM	36	0	18.22	18.29	18.21	20.20
15	16QAM	36	20	18.21	18.22	18.20	20.20
15	16QAM	36	39	18.21	18.20	18.21	20.20
15	16QAM	75	0	18.21	18.29	18.20	20.20
15	64QAM	1	0	18.22	18.30	18.23	20.20
15	64QAM	1	37	18.22	18.30	18.23	20.20
15	64QAM	1	74	18.21	18.21	18.20	20.20
15	64QAM	36	0	18.20	18.30	18.24	20.20
15	64QAM	36	20	18.20	18.22	18.21	20.20
15	64QAM	36	39	18.20	18.26	18.30	20.20
15	64QAM	75	0	18.20	18.20	18.20	20.20
15	256QAM	1	0	18.16	18.12	18.01	20.00
15	256QAM	1	37	18.02	18.15	18.01	20.00
15	256QAM	1	74	18.01	18.02	18.00	20.00
15	256QAM	36	0	18.00	18.04	18.01	20.00
15	256QAM	36	20	18.02	18.01	18.01	20.00
15	256QAM	36	39	18.08	18.14	18.09	20.00
15	256QAM	75	0	18.00	18.20	18.12	20.00
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	18.25	18.40	18.36	20.20
10	QPSK	1	25	18.24	18.34	18.26	20.20
10	QPSK	1	49	18.20	18.27	18.25	20.20
10	QPSK	25	0	18.20	18.29	18.21	20.20
10	QPSK	25	12	18.20	18.20	18.22	20.20
10	QPSK	25	25	18.20	18.33	18.23	20.20
10	QPSK	50	0	18.07	18.24	18.14	19.70
10	16QAM	1	0	18.20	18.21	18.20	20.20
10	16QAM	1	25	18.20	18.21	18.21	20.20
10	16QAM	1	49	18.21	18.32	18.22	20.20
10	16QAM	25	0	18.20	18.22	18.20	20.20
10	16QAM	25	12	18.20	18.28	18.20	20.20
10	16QAM	25	25	18.20	18.20	18.21	20.20
10	16QAM	50	0	18.21	18.28	18.20	20.20
10	64QAM	1	0	18.20	18.28	18.20	20.20
10	64QAM	1	25	18.21	18.25	18.24	20.20
10	64QAM	1	49	18.20	18.25	18.20	20.20

10	64QAM	25	0	18.21	18.28	18.20	20.20
10	64QAM	25	12	18.20	18.23	18.20	20.20
10	64QAM	25	25	18.22	18.25	18.27	20.20
10	64QAM	50	0	18.22	18.21	18.21	20.20
10	256QAM	1	0	18.17	18.15	18.10	20.00
10	256QAM	1	25	18.04	18.05	18.00	20.00
10	256QAM	1	49	18.00	18.05	18.01	20.00
10	256QAM	25	0	18.01	18.01	18.00	20.00
10	256QAM	25	12	18.00	18.01	18.02	20.00
10	256QAM	25	25	18.06	18.12	18.05	20.00
10	256QAM	50	0	18.05	18.18	18.06	20.00
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	18.26	18.27	18.33	20.20
5	QPSK	1	12	18.24	18.28	18.29	20.20
5	QPSK	1	24	18.20	18.31	18.24	20.20
5	QPSK	12	0	18.20	18.30	18.20	20.20
5	QPSK	12	7	18.22	18.21	18.21	20.20
5	QPSK	12	13	18.21	18.31	18.20	20.20
5	QPSK	25	0	18.04	18.17	18.04	19.70
5	16QAM	1	0	18.20	18.21	18.20	20.20
5	16QAM	1	12	18.20	18.22	18.20	20.20
5	16QAM	1	24	18.21	18.26	18.20	20.20
5	16QAM	12	0	18.21	18.34	18.21	20.20
5	16QAM	12	7	18.20	18.27	18.20	20.20
5	16QAM	12	13	18.20	18.20	18.20	20.20
5	16QAM	25	0	18.21	18.25	18.21	20.20
5	64QAM	1	0	18.21	18.22	18.21	20.20
5	64QAM	1	12	18.21	18.20	18.22	20.20
5	64QAM	1	24	18.20	18.23	18.21	20.20
5	64QAM	12	0	18.20	18.28	18.20	20.20
5	64QAM	12	7	18.20	18.20	18.20	20.20
5	64QAM	12	13	18.22	18.36	18.21	20.20
5	64QAM	25	0	18.20	18.22	18.20	20.20
5	256QAM	1	0	18.07	18.14	18.05	20.00
5	256QAM	1	12	18.00	18.04	18.01	20.00
5	256QAM	1	24	18.01	18.09	18.01	20.00
5	256QAM	12	0	18.00	18.00	18.01	20.00
5	256QAM	12	7	18.00	18.02	18.01	20.00
5	256QAM	12	13	18.05	18.12	18.17	20.00
5	256QAM	25	0	18.04	18.22	18.12	20.00

【LTE Band 7_Ant 1_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	18.38	18.42	18.40	19.90
20	QPSK	1	49	18.30	18.40	18.30	19.90
20	QPSK	1	99	18.20	18.35	18.28	19.90
20	QPSK	50	0	18.30	18.38	18.35	19.90
20	QPSK	50	24	18.20	18.35	18.28	19.90
20	QPSK	50	50	18.26	18.35	18.27	19.90
20	QPSK	100	0	18.15	18.30	18.17	19.90
20	16QAM	1	0	18.22	18.28	18.21	19.90
20	16QAM	1	49	18.21	18.28	18.20	19.90
20	16QAM	1	99	18.20	18.37	18.23	19.90
20	16QAM	50	0	18.27	18.37	18.21	19.90
20	16QAM	50	24	18.21	18.34	18.20	19.90
20	16QAM	50	50	18.21	18.26	18.20	19.90
20	16QAM	100	0	18.20	18.31	18.20	19.90
20	64QAM	1	0	18.20	18.33	18.27	19.90
20	64QAM	1	49	18.21	18.32	18.29	19.90
20	64QAM	1	99	18.20	18.26	18.21	19.90
20	64QAM	50	0	18.21	18.36	18.25	19.90
20	64QAM	50	24	18.21	18.28	18.20	19.90
20	64QAM	50	50	18.32	18.37	18.31	19.90
20	64QAM	100	0	18.20	18.30	18.20	19.90
20	256QAM	1	0	18.20	18.26	18.11	19.90
20	256QAM	1	49	18.07	18.17	18.02	19.90
20	256QAM	1	99	18.07	18.15	18.02	19.90
20	256QAM	50	0	18.02	18.08	18.00	19.90

20	256QAM	50	24	18.02	18.03	18.01	19.90
20	256QAM	50	50	18.18	18.24	18.18	19.90
20	256QAM	100	0	18.09	18.26	18.15	19.90
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	18.34	18.36	18.27	19.90
15	QPSK	1	37	18.21	18.36	18.21	19.90
15	QPSK	1	74	18.20	18.21	18.20	19.90
15	QPSK	36	0	18.20	18.27	18.21	19.90
15	QPSK	36	20	18.22	18.20	18.22	19.90
15	QPSK	36	39	18.21	18.35	18.20	19.90
15	QPSK	75	0	18.06	18.29	18.15	19.90
15	16QAM	1	0	18.21	18.21	18.21	19.90
15	16QAM	1	37	18.20	18.21	18.22	19.90
15	16QAM	1	74	18.20	18.25	18.21	19.90
15	16QAM	36	0	18.22	18.29	18.21	19.90
15	16QAM	36	20	18.21	18.22	18.20	19.90
15	16QAM	36	39	18.21	18.20	18.21	19.90
15	16QAM	75	0	18.21	18.29	18.20	19.90
15	64QAM	1	0	18.22	18.30	18.23	19.90
15	64QAM	1	37	18.22	18.30	18.23	19.90
15	64QAM	1	74	18.21	18.21	18.20	19.90
15	64QAM	36	0	18.20	18.30	18.24	19.90
15	64QAM	36	20	18.20	18.22	18.21	19.90
15	64QAM	36	39	18.20	18.26	18.30	19.90
15	64QAM	75	0	18.20	18.20	18.20	19.90
15	256QAM	1	0	18.16	18.12	18.01	19.90
15	256QAM	1	37	18.02	18.15	18.01	19.90
15	256QAM	1	74	18.01	18.02	18.00	19.90
15	256QAM	36	0	18.00	18.04	18.01	19.90
15	256QAM	36	20	18.02	18.01	18.01	19.90
15	256QAM	36	39	18.08	18.14	18.09	19.90
15	256QAM	75	0	18.00	18.20	18.12	19.90
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	18.25	18.40	18.36	19.90
10	QPSK	1	25	18.24	18.34	18.26	19.90
10	QPSK	1	49	18.20	18.27	18.25	19.90
10	QPSK	25	0	18.20	18.29	18.21	19.90
10	QPSK	25	12	18.20	18.20	18.22	19.90
10	QPSK	25	25	18.20	18.33	18.23	19.90
10	QPSK	50	0	18.07	18.24	18.14	19.90
10	16QAM	1	0	18.20	18.21	18.20	19.90
10	16QAM	1	25	18.20	18.21	18.21	19.90
10	16QAM	1	49	18.21	18.32	18.22	19.90
10	16QAM	25	0	18.20	18.22	18.20	19.90
10	16QAM	25	12	18.20	18.28	18.20	19.90
10	16QAM	25	25	18.20	18.20	18.21	19.90
10	16QAM	50	0	18.21	18.28	18.20	19.90
10	64QAM	1	0	18.20	18.28	18.20	19.90
10	64QAM	1	25	18.21	18.25	18.24	19.90
10	64QAM	1	49	18.20	18.25	18.20	19.90
10	64QAM	25	0	18.21	18.28	18.20	19.90
10	64QAM	25	12	18.20	18.23	18.20	19.90
10	64QAM	25	25	18.22	18.25	18.27	19.90
10	64QAM	50	0	18.22	18.21	18.21	19.90
10	256QAM	1	0	18.17	18.15	18.10	19.90
10	256QAM	1	25	18.04	18.05	18.00	19.90
10	256QAM	1	49	18.00	18.05	18.01	19.90
10	256QAM	25	0	18.01	18.01	18.00	19.90
10	256QAM	25	12	18.00	18.01	18.02	19.90
10	256QAM	25	25	18.06	18.12	18.05	19.90
10	256QAM	50	0	18.05	18.18	18.06	19.90
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	18.26	18.27	18.33	19.90
5	QPSK	1	12	18.24	18.28	18.29	19.90
5	QPSK	1	24	18.20	18.31	18.24	19.90
5	QPSK	12	0	18.20	18.30	18.20	19.90
5	QPSK	12	7	18.22	18.21	18.21	19.90
5	QPSK	12	13	18.21	18.31	18.20	19.90
5	QPSK	25	0	18.04	18.17	18.04	19.90
5	16QAM	1	0	18.20	18.21	18.20	19.90
5	16QAM	1	12	18.20	18.22	18.20	19.90
5	16QAM	1	24	18.21	18.26	18.20	19.90
5	16QAM	12	0	18.21	18.34	18.21	19.90
5	16QAM	12	7	18.20	18.27	18.20	19.90

5	16QAM	12	13	18.20	18.20	18.20	19.90
5	16QAM	25	0	18.21	18.25	18.21	19.90
5	64QAM	1	0	18.21	18.22	18.21	19.90
5	64QAM	1	12	18.21	18.20	18.22	19.90
5	64QAM	1	24	18.20	18.23	18.21	19.90
5	64QAM	12	0	18.20	18.28	18.20	19.90
5	64QAM	12	7	18.20	18.20	18.20	19.90
5	64QAM	12	13	18.22	18.36	18.21	19.90
5	64QAM	25	0	18.20	18.22	18.20	19.90
5	256QAM	1	0	18.07	18.14	18.05	19.90
5	256QAM	1	12	18.00	18.04	18.01	19.90
5	256QAM	1	24	18.01	18.09	18.01	19.90
5	256QAM	12	0	18.00	18.00	18.01	19.90
5	256QAM	12	7	18.00	18.02	18.01	19.90
5	256QAM	12	13	18.05	18.12	18.17	19.90
5	256QAM	25	0	18.63	18.76	18.60	19.90

【LTE Band 7_Ant 1_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	21.85	21.88	21.83	23.50
20	QPSK	1	49	21.60	21.71	21.64	23.50
20	QPSK	1	99	21.72	21.84	21.71	23.50
20	QPSK	50	0	21.78	21.85	21.81	23.50
20	QPSK	50	24	21.62	21.74	21.57	23.50
20	QPSK	50	50	21.64	21.81	21.62	23.50
20	QPSK	100	0	21.72	21.78	21.66	23.50
20	16QAM	1	0	21.67	21.85	21.74	23.50
20	16QAM	1	49	21.75	21.85	21.67	23.50
20	16QAM	1	99	21.68	21.86	21.68	23.50
20	16QAM	50	0	21.76	21.87	21.73	23.00
20	16QAM	50	24	21.69	21.76	21.62	23.00
20	16QAM	50	50	21.79	21.83	21.73	23.00
20	16QAM	100	0	21.60	21.72	21.53	23.00
20	64QAM	1	0	21.60	21.74	21.66	23.50
20	64QAM	1	49	21.60	21.76	21.61	23.50
20	64QAM	1	99	21.78	21.87	21.71	23.50
20	64QAM	50	0	21.71	21.81	21.71	23.00
20	64QAM	50	24	21.66	21.78	21.65	23.00
20	64QAM	50	50	21.79	21.83	21.74	23.00
20	64QAM	100	0	21.78	21.85	21.73	23.00
20	256QAM	1	0	18.68	18.91	18.81	20.00
20	256QAM	1	49	18.81	19.00	18.83	20.00
20	256QAM	1	99	18.84	19.00	18.87	20.00
20	256QAM	50	0	18.59	18.81	18.63	20.00
20	256QAM	50	24	18.71	18.81	18.64	20.00
20	256QAM	50	50	18.61	18.77	18.64	20.00
20	256QAM	100	0	18.72	18.88	18.71	20.00
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	21.78	21.84	21.74	23.50
15	QPSK	1	37	21.56	21.66	21.58	23.50
15	QPSK	1	74	21.58	21.70	21.69	23.50
15	QPSK	36	0	21.67	21.77	21.69	23.50
15	QPSK	36	20	21.56	21.62	21.54	23.50
15	QPSK	36	39	21.56	21.71	21.60	23.50
15	QPSK	75	0	21.69	21.66	21.55	23.50
15	16QAM	1	0	21.66	21.83	21.71	23.50
15	16QAM	1	37	21.61	21.75	21.59	23.50
15	16QAM	1	74	21.55	21.79	21.62	23.50
15	16QAM	36	0	21.73	21.77	21.60	23.00
15	16QAM	36	20	21.56	21.64	21.49	23.00
15	16QAM	36	39	21.74	21.75	21.67	23.00
15	16QAM	75	0	21.50	21.66	21.40	23.00
15	64QAM	1	0	21.51	21.69	21.57	23.50
15	64QAM	1	37	21.57	21.75	21.55	23.50
15	64QAM	1	74	21.74	21.82	21.66	23.50
15	64QAM	36	0	21.63	21.68	21.69	23.00
15	64QAM	36	20	21.58	21.67	21.59	23.00
15	64QAM	36	39	21.72	21.81	21.59	23.00

15	64QAM	75	0	21.67	21.72	21.65	23.00
15	256QAM	1	0	18.65	18.78	18.74	20.00
15	256QAM	1	37	18.72	18.97	18.79	20.00
15	256QAM	1	74	18.74	18.92	18.72	20.00
15	256QAM	36	0	18.56	18.67	18.51	20.00
15	256QAM	36	20	18.66	18.67	18.51	20.00
15	256QAM	36	39	18.46	18.64	18.50	20.00
15	256QAM	75	0	18.65	18.78	18.61	20.00
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	21.82	21.83	21.69	23.50
10	QPSK	1	25	21.58	21.65	21.61	23.50
10	QPSK	1	49	21.65	21.72	21.57	23.50
10	QPSK	25	0	21.75	21.82	21.69	23.50
10	QPSK	25	12	21.59	21.64	21.50	23.50
10	QPSK	25	25	21.57	21.79	21.54	23.50
10	QPSK	50	0	21.59	21.69	21.53	23.50
10	16QAM	1	0	21.61	21.81	21.64	23.50
10	16QAM	1	25	21.73	21.77	21.54	23.50
10	16QAM	1	49	21.57	21.75	21.66	23.50
10	16QAM	25	0	21.74	21.81	21.61	23.00
10	16QAM	25	12	21.57	21.64	21.56	23.00
10	16QAM	25	25	21.65	21.76	21.61	23.00
10	16QAM	50	0	21.48	21.64	21.47	23.00
10	64QAM	1	0	21.51	21.60	21.53	23.50
10	64QAM	1	25	21.50	21.64	21.52	23.50
10	64QAM	1	49	21.64	21.77	21.60	23.50
10	64QAM	25	0	21.58	21.73	21.59	23.00
10	64QAM	25	12	21.59	21.73	21.62	23.00
10	64QAM	25	25	21.77	21.72	21.67	23.00
10	64QAM	50	0	21.66	21.80	21.68	23.00
10	256QAM	1	0	18.64	18.81	18.66	20.00
10	256QAM	1	25	18.76	18.91	18.71	20.00
10	256QAM	1	49	18.78	18.94	18.73	20.00
10	256QAM	25	0	18.46	18.72	18.61	20.00
10	256QAM	25	12	18.66	18.69	18.50	20.00
10	256QAM	25	25	18.49	18.62	18.56	20.00
10	256QAM	50	0	18.59	18.79	18.62	20.00
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	21.77	21.78	21.71	23.50
5	QPSK	1	12	21.50	21.60	21.51	23.50
5	QPSK	1	24	21.59	21.78	21.58	23.50
5	QPSK	12	0	21.65	21.80	21.74	23.50
5	QPSK	12	7	21.56	21.68	21.55	23.50
5	QPSK	12	13	21.53	21.76	21.50	23.50
5	QPSK	25	0	21.64	21.69	21.63	23.50
5	16QAM	1	0	21.58	21.71	21.65	23.50
5	16QAM	1	12	21.68	21.82	21.65	23.50
5	16QAM	1	24	21.54	21.83	21.65	23.50
5	16QAM	12	0	21.65	21.79	21.59	23.00
5	16QAM	12	7	21.57	21.68	21.51	23.00
5	16QAM	12	13	21.64	21.69	21.71	23.00
5	16QAM	25	0	21.58	21.70	21.48	23.00
5	64QAM	1	0	21.50	21.62	21.58	23.50
5	64QAM	1	12	21.51	21.71	21.50	23.50
5	64QAM	1	24	21.69	21.83	21.69	23.50
5	64QAM	12	0	21.63	21.71	21.59	23.00
5	64QAM	12	7	21.52	21.71	21.55	23.00
5	64QAM	12	13	21.70	21.71	21.66	23.00
5	64QAM	25	0	21.73	21.74	21.72	23.00
5	256QAM	1	0	18.61	18.89	18.67	20.00
5	256QAM	1	12	18.76	18.95	18.75	20.00
5	256QAM	1	24	18.72	18.99	18.84	20.00
5	256QAM	12	0	18.54	18.78	18.49	20.00
5	256QAM	12	7	18.57	18.68	18.51	20.00
5	256QAM	12	13	18.53	18.65	18.49	20.00
5	256QAM	25	0	18.67	18.75	18.58	20.00

【LTE Band 7_Ant 1_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
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Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	18.38	18.42	18.40	19.90
20	QPSK	1	49	18.30	18.40	18.30	19.90
20	QPSK	1	99	18.20	18.35	18.28	19.90
20	QPSK	50	0	18.30	18.38	18.35	19.90
20	QPSK	50	24	18.20	18.35	18.28	19.90
20	QPSK	50	50	18.26	18.35	18.27	19.90
20	QPSK	100	0	18.15	18.30	18.17	19.90
20	16QAM	1	0	18.22	18.28	18.21	19.90
20	16QAM	1	49	18.21	18.28	18.20	19.90
20	16QAM	1	99	18.20	18.37	18.23	19.90
20	16QAM	50	0	18.27	18.37	18.21	19.90
20	16QAM	50	24	18.21	18.34	18.20	19.90
20	16QAM	50	50	18.21	18.26	18.20	19.90
20	16QAM	100	0	18.20	18.31	18.20	19.90
20	64QAM	1	0	18.20	18.33	18.27	19.90
20	64QAM	1	49	18.21	18.32	18.29	19.90
20	64QAM	1	99	18.20	18.26	18.21	19.90
20	64QAM	50	0	18.21	18.36	18.25	19.90
20	64QAM	50	24	18.21	18.28	18.20	19.90
20	64QAM	50	50	18.32	18.37	18.31	19.90
20	64QAM	100	0	18.20	18.30	18.20	19.90
20	256QAM	1	0	18.20	18.26	18.11	19.90
20	256QAM	1	49	18.07	18.17	18.02	19.90
20	256QAM	1	99	18.07	18.15	18.02	19.90
20	256QAM	50	0	18.02	18.08	18.00	19.90
20	256QAM	50	24	18.02	18.03	18.01	19.90
20	256QAM	50	50	18.18	18.24	18.18	19.90
20	256QAM	100	0	18.09	18.26	18.15	19.90
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	18.34	18.36	18.27	19.90
15	QPSK	1	37	18.21	18.36	18.21	19.90
15	QPSK	1	74	18.20	18.21	18.20	19.90
15	QPSK	36	0	18.20	18.27	18.21	19.90
15	QPSK	36	20	18.22	18.20	18.22	19.90
15	QPSK	36	39	18.21	18.35	18.20	19.90
15	QPSK	75	0	18.06	18.29	18.15	19.90
15	16QAM	1	0	18.21	18.21	18.21	19.90
15	16QAM	1	37	18.20	18.21	18.22	19.90
15	16QAM	1	74	18.20	18.25	18.21	19.90
15	16QAM	36	0	18.22	18.29	18.21	19.90
15	16QAM	36	20	18.21	18.22	18.20	19.90
15	16QAM	36	39	18.21	18.20	18.21	19.90
15	16QAM	75	0	18.21	18.29	18.20	19.90
15	64QAM	1	0	18.22	18.30	18.23	19.90
15	64QAM	1	37	18.22	18.30	18.23	19.90
15	64QAM	1	74	18.21	18.21	18.20	19.90
15	64QAM	36	0	18.20	18.30	18.24	19.90
15	64QAM	36	20	18.20	18.22	18.21	19.90
15	64QAM	36	39	18.20	18.26	18.30	19.90
15	64QAM	75	0	18.20	18.20	18.20	19.90
15	256QAM	1	0	18.16	18.12	18.01	19.90
15	256QAM	1	37	18.02	18.15	18.01	19.90
15	256QAM	1	74	18.01	18.02	18.00	19.90
15	256QAM	36	0	18.00	18.04	18.01	19.90
15	256QAM	36	20	18.02	18.01	18.01	19.90
15	256QAM	36	39	18.08	18.14	18.09	19.90
15	256QAM	75	0	18.00	18.20	18.12	19.90
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	18.25	18.40	18.36	19.90
10	QPSK	1	25	18.24	18.34	18.26	19.90
10	QPSK	1	49	18.20	18.27	18.25	19.90
10	QPSK	25	0	18.20	18.29	18.21	19.90
10	QPSK	25	12	18.20	18.20	18.22	19.90
10	QPSK	25	25	18.20	18.33	18.23	19.90
10	QPSK	50	0	18.07	18.24	18.14	19.90
10	16QAM	1	0	18.20	18.21	18.20	19.90
10	16QAM	1	25	18.20	18.21	18.21	19.90
10	16QAM	1	49	18.21	18.32	18.22	19.90
10	16QAM	25	0	18.20	18.22	18.20	19.90
10	16QAM	25	12	18.20	18.28	18.20	19.90
10	16QAM	25	25	18.20	18.20	18.21	19.90
10	16QAM	50	0	18.21	18.28	18.20	19.90
10	64QAM	1	0	18.20	18.28	18.20	19.90

10	64QAM	1	25	18.21	18.25	18.24	19.90
10	64QAM	1	49	18.20	18.25	18.20	19.90
10	64QAM	25	0	18.21	18.28	18.20	19.90
10	64QAM	25	12	18.20	18.23	18.20	19.90
10	64QAM	25	25	18.22	18.25	18.27	19.90
10	64QAM	50	0	18.22	18.21	18.21	19.90
10	256QAM	1	0	18.17	18.15	18.10	19.90
10	256QAM	1	25	18.04	18.05	18.00	19.90
10	256QAM	1	49	18.00	18.05	18.01	19.90
10	256QAM	25	0	18.01	18.01	18.00	19.90
10	256QAM	25	12	18.00	18.01	18.02	19.90
10	256QAM	25	25	18.06	18.12	18.05	19.90
10	256QAM	50	0	18.05	18.18	18.06	19.90
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	18.26	18.27	18.33	19.90
5	QPSK	1	12	18.24	18.28	18.29	19.90
5	QPSK	1	24	18.20	18.31	18.24	19.90
5	QPSK	12	0	18.20	18.30	18.20	19.90
5	QPSK	12	7	18.22	18.21	18.21	19.90
5	QPSK	12	13	18.21	18.31	18.20	19.90
5	QPSK	25	0	18.04	18.17	18.04	19.90
5	16QAM	1	0	18.20	18.21	18.20	19.90
5	16QAM	1	12	18.20	18.22	18.20	19.90
5	16QAM	1	24	18.21	18.26	18.20	19.90
5	16QAM	12	0	18.21	18.34	18.21	19.90
5	16QAM	12	7	18.20	18.27	18.20	19.90
5	16QAM	12	13	18.20	18.20	18.20	19.90
5	16QAM	25	0	18.21	18.25	18.21	19.90
5	64QAM	1	0	18.21	18.22	18.21	19.90
5	64QAM	1	12	18.21	18.20	18.22	19.90
5	64QAM	1	24	18.20	18.23	18.21	19.90
5	64QAM	12	0	18.20	18.28	18.20	19.90
5	64QAM	12	7	18.20	18.20	18.20	19.90
5	64QAM	12	13	18.22	18.36	18.21	19.90
5	64QAM	25	0	18.20	18.22	18.20	19.90
5	256QAM	1	0	18.07	18.14	18.05	19.90
5	256QAM	1	12	18.00	18.04	18.01	19.90
5	256QAM	1	24	18.01	18.09	18.01	19.90
5	256QAM	12	0	18.00	18.00	18.01	19.90
5	256QAM	12	7	18.00	18.02	18.01	19.90
5	256QAM	12	13	18.05	18.12	18.17	19.90
5	256QAM	25	0	18.63	18.76	18.60	19.90

【LTE Band 7_Ant 2_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	22.87	23.07	22.84	24.00
20	QPSK	1	49	22.45	22.69	22.43	24.00
20	QPSK	1	99	22.51	22.75	22.50	24.00
20	QPSK	50	0	22.59	22.87	22.61	24.00
20	QPSK	50	24	22.48	22.80	22.47	24.00
20	QPSK	50	50	22.57	22.81	22.52	24.00
20	QPSK	100	0	22.54	22.83	22.54	24.00
20	16QAM	1	0	22.69	23.02	22.78	24.00
20	16QAM	1	49	22.57	22.83	22.51	24.00
20	16QAM	1	99	22.66	23.00	22.76	24.00
20	16QAM	50	0	21.79	21.99	21.64	23.00
20	16QAM	50	24	21.73	22.00	21.68	23.00
20	16QAM	50	50	21.68	22.01	21.73	23.00
20	16QAM	100	0	21.67	22.00	21.69	23.00
20	64QAM	1	0	21.99	22.24	21.87	23.00
20	64QAM	1	49	21.78	22.03	21.75	23.00
20	64QAM	1	99	21.92	22.25	21.91	23.00
20	64QAM	50	0	20.69	20.98	20.75	22.00
20	64QAM	50	24	20.76	21.00	20.65	22.00
20	64QAM	50	50	20.61	20.91	20.69	22.00
20	64QAM	100	0	20.72	21.01	20.68	22.00
20	256QAM	1	0	18.77	18.95	18.69	20.00
20	256QAM	1	49	18.80	19.04	18.76	20.00

20	256QAM	1	99	18.77	19.05	18.84	20.00
20	256QAM	50	0	18.68	18.91	18.61	20.00
20	256QAM	50	24	18.78	18.99	18.78	20.00
20	256QAM	50	50	18.72	18.89	18.63	20.00
20	256QAM	100	0	18.72	18.95	18.69	20.00
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	22.84	23.03	22.69	24.00
15	QPSK	1	37	22.38	22.56	22.42	24.00
15	QPSK	1	74	22.42	22.64	22.46	24.00
15	QPSK	36	0	22.52	22.80	22.49	24.00
15	QPSK	36	20	22.36	22.79	22.40	24.00
15	QPSK	36	39	22.55	22.70	22.44	24.00
15	QPSK	75	0	22.40	22.77	22.50	24.00
15	16QAM	1	0	22.60	22.95	22.73	24.00
15	16QAM	1	37	22.51	22.80	22.45	24.00
15	16QAM	1	74	22.64	22.90	22.64	24.00
15	16QAM	36	0	21.68	21.84	21.62	23.00
15	16QAM	36	20	21.67	21.91	21.63	23.00
15	16QAM	36	39	21.58	21.86	21.72	23.00
15	16QAM	75	0	21.60	21.95	21.60	23.00
15	64QAM	1	0	21.90	22.12	21.72	23.00
15	64QAM	1	37	21.65	21.99	21.73	23.00
15	64QAM	1	74	21.79	22.23	21.82	23.00
15	64QAM	36	0	20.64	20.91	20.61	22.00
15	64QAM	36	20	20.70	20.98	20.61	22.00
15	64QAM	36	39	20.60	20.77	20.55	22.00
15	64QAM	75	0	20.60	20.98	20.55	22.00
15	256QAM	1	0	18.73	18.88	18.55	20.00
15	256QAM	1	37	18.71	18.97	18.71	20.00
15	256QAM	1	74	18.71	18.92	18.78	20.00
15	256QAM	36	0	18.62	18.78	18.47	20.00
15	256QAM	36	20	18.67	18.87	18.65	20.00
15	256QAM	36	39	18.60	18.86	18.58	20.00
15	256QAM	75	0	18.69	18.82	18.54	20.00
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	22.76	22.96	22.83	24.00
10	QPSK	1	25	22.31	22.68	22.36	24.00
10	QPSK	1	49	22.37	22.65	22.38	24.00
10	QPSK	25	0	22.54	22.74	22.48	24.00
10	QPSK	25	12	22.44	22.78	22.39	24.00
10	QPSK	25	25	22.54	22.72	22.38	24.00
10	QPSK	50	0	22.41	22.72	22.50	24.00
10	16QAM	1	0	22.63	22.91	22.77	24.00
10	16QAM	1	25	22.43	22.82	22.39	24.00
10	16QAM	1	49	22.63	22.94	22.69	24.00
10	16QAM	25	0	21.66	21.89	21.54	23.00
10	16QAM	25	12	21.70	21.96	21.65	23.00
10	16QAM	25	25	21.55	21.94	21.65	23.00
10	16QAM	50	0	21.53	21.95	21.62	23.00
10	64QAM	1	0	21.89	22.14	21.78	23.00
10	64QAM	1	25	21.77	22.02	21.72	23.00
10	64QAM	1	49	21.79	22.11	21.84	23.00
10	64QAM	25	0	20.62	20.93	20.61	22.00
10	64QAM	25	12	20.65	20.86	20.51	22.00
10	64QAM	25	25	20.54	20.78	20.60	22.00
10	64QAM	50	0	20.57	20.93	20.60	22.00
10	256QAM	1	0	18.63	18.81	18.57	20.00
10	256QAM	1	25	18.79	18.92	18.72	20.00
10	256QAM	1	49	18.71	19.03	18.73	20.00
10	256QAM	25	0	18.57	18.79	18.59	20.00
10	256QAM	25	12	18.70	18.96	18.66	20.00
10	256QAM	25	25	18.57	18.77	18.60	20.00
10	256QAM	50	0	18.66	18.84	18.61	20.00
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	22.85	23.04	22.78	24.00
5	QPSK	1	12	22.33	22.59	22.30	24.00
5	QPSK	1	24	22.45	22.69	22.47	24.00
5	QPSK	12	0	22.48	22.83	22.60	24.00
5	QPSK	12	7	22.35	22.66	22.32	24.00
5	QPSK	12	13	22.42	22.76	22.41	24.00
5	QPSK	25	0	22.46	22.80	22.48	24.00
5	16QAM	1	0	22.59	22.92	22.77	24.00
5	16QAM	1	12	22.45	22.73	22.38	24.00
5	16QAM	1	24	22.54	22.91	22.62	24.00

5	16QAM	12	0	21.72	21.91	21.61	23.00
5	16QAM	12	7	21.70	21.88	21.57	23.00
5	16QAM	12	13	21.60	21.88	21.68	23.00
5	16QAM	25	0	21.52	21.90	21.66	23.00
5	64QAM	1	0	21.91	22.19	21.75	23.00
5	64QAM	1	12	21.67	21.94	21.61	23.00
5	64QAM	1	24	21.84	22.11	21.84	23.00
5	64QAM	12	0	20.67	20.94	20.69	22.00
5	64QAM	12	7	20.75	20.92	20.55	22.00
5	64QAM	12	13	20.50	20.85	20.61	22.00
5	64QAM	25	0	20.59	20.91	20.56	22.00
5	256QAM	1	0	18.66	18.92	18.57	20.00
5	256QAM	1	12	18.70	18.97	18.75	20.00
5	256QAM	1	24	18.73	18.93	18.76	20.00
5	256QAM	12	0	18.55	18.82	18.54	20.00
5	256QAM	12	7	18.75	18.84	18.77	20.00
5	256QAM	12	13	18.69	18.78	18.49	20.00
5	256QAM	25	0	18.67	18.85	18.68	20.00

[LTE Band 7_Ant 2_DSI 4]

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	22.87	23.07	22.84	24.00
20	QPSK	1	49	22.45	22.69	22.43	24.00
20	QPSK	1	99	22.51	22.75	22.50	24.00
20	QPSK	50	0	22.59	22.87	22.61	24.00
20	QPSK	50	24	22.48	22.80	22.47	24.00
20	QPSK	50	50	22.57	22.81	22.52	24.00
20	QPSK	100	0	22.54	22.83	22.54	24.00
20	16QAM	1	0	22.69	23.02	22.78	24.00
20	16QAM	1	49	22.57	22.83	22.51	24.00
20	16QAM	1	99	22.66	23.00	22.76	24.00
20	16QAM	50	0	21.79	21.99	21.64	23.00
20	16QAM	50	24	21.73	22.00	21.68	23.00
20	16QAM	50	50	21.68	22.01	21.73	23.00
20	16QAM	100	0	21.67	22.00	21.69	23.00
20	64QAM	1	0	21.99	22.24	21.87	23.00
20	64QAM	1	49	21.78	22.03	21.75	23.00
20	64QAM	1	99	21.92	22.25	21.91	23.00
20	64QAM	50	0	20.69	20.98	20.75	22.00
20	64QAM	50	24	20.76	21.00	20.65	22.00
20	64QAM	50	50	20.61	20.91	20.69	22.00
20	64QAM	100	0	20.72	21.01	20.68	22.00
20	256QAM	1	0	18.77	18.95	18.69	20.00
20	256QAM	1	49	18.80	19.04	18.76	20.00
20	256QAM	1	99	18.77	19.05	18.84	20.00
20	256QAM	50	0	18.68	18.91	18.61	20.00
20	256QAM	50	24	18.78	18.99	18.78	20.00
20	256QAM	50	50	18.72	18.89	18.63	20.00
20	256QAM	100	0	18.72	18.95	18.69	20.00
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	22.84	23.03	22.69	24.00
15	QPSK	1	37	22.38	22.56	22.42	24.00
15	QPSK	1	74	22.42	22.64	22.46	24.00
15	QPSK	36	0	22.52	22.80	22.49	24.00
15	QPSK	36	20	22.36	22.79	22.40	24.00
15	QPSK	36	39	22.55	22.70	22.44	24.00
15	QPSK	75	0	22.40	22.77	22.50	24.00
15	16QAM	1	0	22.60	22.95	22.73	24.00
15	16QAM	1	37	22.51	22.80	22.45	24.00
15	16QAM	1	74	22.64	22.90	22.64	24.00
15	16QAM	36	0	21.68	21.84	21.62	23.00
15	16QAM	36	20	21.67	21.91	21.63	23.00
15	16QAM	36	39	21.58	21.86	21.72	23.00
15	16QAM	75	0	21.60	21.95	21.60	23.00
15	64QAM	1	0	21.90	22.12	21.72	23.00
15	64QAM	1	37	21.65	21.99	21.73	23.00
15	64QAM	1	74	21.79	22.23	21.82	23.00
15	64QAM	36	0	20.64	20.91	20.61	22.00

15	64QAM	36	20	20.70	20.98	20.61	22.00
15	64QAM	36	39	20.60	20.77	20.55	22.00
15	64QAM	75	0	20.60	20.98	20.55	22.00
15	256QAM	1	0	18.73	18.88	18.55	20.00
15	256QAM	1	37	18.71	18.97	18.71	20.00
15	256QAM	1	74	18.71	18.92	18.78	20.00
15	256QAM	36	0	18.62	18.78	18.47	20.00
15	256QAM	36	20	18.67	18.87	18.65	20.00
15	256QAM	36	39	18.60	18.86	18.58	20.00
15	256QAM	75	0	18.69	18.82	18.54	20.00
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	22.76	22.96	22.83	24.00
10	QPSK	1	25	22.31	22.68	22.36	24.00
10	QPSK	1	49	22.37	22.65	22.38	24.00
10	QPSK	25	0	22.54	22.74	22.48	24.00
10	QPSK	25	12	22.44	22.78	22.39	24.00
10	QPSK	25	25	22.54	22.72	22.38	24.00
10	QPSK	50	0	22.41	22.72	22.50	24.00
10	16QAM	1	0	22.63	22.91	22.77	24.00
10	16QAM	1	25	22.43	22.82	22.39	24.00
10	16QAM	1	49	22.63	22.94	22.69	24.00
10	16QAM	25	0	21.66	21.89	21.54	23.00
10	16QAM	25	12	21.70	21.96	21.65	23.00
10	16QAM	25	25	21.55	21.94	21.65	23.00
10	16QAM	50	0	21.53	21.95	21.62	23.00
10	64QAM	1	0	21.89	22.14	21.78	23.00
10	64QAM	1	25	21.77	22.02	21.72	23.00
10	64QAM	1	49	21.79	22.11	21.84	23.00
10	64QAM	25	0	20.62	20.93	20.61	22.00
10	64QAM	25	12	20.65	20.86	20.51	22.00
10	64QAM	25	25	20.54	20.78	20.60	22.00
10	64QAM	50	0	20.57	20.93	20.60	22.00
10	256QAM	1	0	18.63	18.81	18.57	20.00
10	256QAM	1	25	18.79	18.92	18.72	20.00
10	256QAM	1	49	18.71	19.03	18.73	20.00
10	256QAM	25	0	18.57	18.79	18.59	20.00
10	256QAM	25	12	18.70	18.96	18.66	20.00
10	256QAM	25	25	18.57	18.77	18.60	20.00
10	256QAM	50	0	18.66	18.84	18.61	20.00
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	22.85	23.04	22.78	24.00
5	QPSK	1	12	22.33	22.59	22.30	24.00
5	QPSK	1	24	22.45	22.69	22.47	24.00
5	QPSK	12	0	22.48	22.83	22.60	24.00
5	QPSK	12	7	22.35	22.66	22.32	24.00
5	QPSK	12	13	22.42	22.76	22.41	24.00
5	QPSK	25	0	22.46	22.80	22.48	24.00
5	16QAM	1	0	22.59	22.92	22.77	24.00
5	16QAM	1	12	22.45	22.73	22.38	24.00
5	16QAM	1	24	22.54	22.91	22.62	24.00
5	16QAM	12	0	21.72	21.91	21.61	23.00
5	16QAM	12	7	21.70	21.88	21.57	23.00
5	16QAM	12	13	21.60	21.88	21.68	23.00
5	16QAM	25	0	21.52	21.90	21.66	23.00
5	64QAM	1	0	21.91	22.19	21.75	23.00
5	64QAM	1	12	21.67	21.94	21.61	23.00
5	64QAM	1	24	21.84	22.11	21.84	23.00
5	64QAM	12	0	20.67	20.94	20.69	22.00
5	64QAM	12	7	20.75	20.92	20.55	22.00
5	64QAM	12	13	20.50	20.85	20.61	22.00
5	64QAM	25	0	20.59	20.91	20.56	22.00
5	256QAM	1	0	18.66	18.92	18.57	20.00
5	256QAM	1	12	18.70	18.97	18.75	20.00
5	256QAM	1	24	18.73	18.93	18.76	20.00
5	256QAM	12	0	18.55	18.82	18.54	20.00
5	256QAM	12	7	18.75	18.84	18.77	20.00
5	256QAM	12	13	18.69	18.78	18.49	20.00
5	256QAM	25	0	18.67	18.85	18.68	20.00

【LTE Band 7_Ant 2_DSI 2】

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				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	22.87	23.07	22.84	24.00
20	QPSK	1	49	22.45	22.69	22.43	24.00
20	QPSK	1	99	22.51	22.75	22.50	24.00
20	QPSK	50	0	22.59	22.87	22.61	24.00
20	QPSK	50	24	22.48	22.80	22.47	24.00
20	QPSK	50	50	22.57	22.81	22.52	24.00
20	QPSK	100	0	22.54	22.83	22.54	24.00
20	16QAM	1	0	22.69	23.02	22.78	24.00
20	16QAM	1	49	22.57	22.83	22.51	24.00
20	16QAM	1	99	22.66	23.00	22.76	24.00
20	16QAM	50	0	21.79	21.99	21.64	23.00
20	16QAM	50	24	21.73	22.00	21.68	23.00
20	16QAM	50	50	21.68	22.01	21.73	23.00
20	16QAM	100	0	21.67	22.00	21.69	23.00
20	64QAM	1	0	21.99	22.24	21.87	23.00
20	64QAM	1	49	21.78	22.03	21.75	23.00
20	64QAM	1	99	21.92	22.25	21.91	23.00
20	64QAM	50	0	20.69	20.98	20.75	22.00
20	64QAM	50	24	20.76	21.00	20.65	22.00
20	64QAM	50	50	20.61	20.91	20.69	22.00
20	64QAM	100	0	20.72	21.01	20.68	22.00
20	256QAM	1	0	18.77	18.95	18.69	20.00
20	256QAM	1	49	18.80	19.04	18.76	20.00
20	256QAM	1	99	18.77	19.05	18.84	20.00
20	256QAM	50	0	18.68	18.91	18.61	20.00
20	256QAM	50	24	18.78	18.99	18.78	20.00
20	256QAM	50	50	18.72	18.89	18.63	20.00
20	256QAM	100	0	18.72	18.95	18.69	20.00
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	22.84	23.03	22.69	24.00
15	QPSK	1	37	22.38	22.56	22.42	24.00
15	QPSK	1	74	22.42	22.64	22.46	24.00
15	QPSK	36	0	22.52	22.80	22.49	24.00
15	QPSK	36	20	22.36	22.79	22.40	24.00
15	QPSK	36	39	22.55	22.70	22.44	24.00
15	QPSK	75	0	22.40	22.77	22.50	24.00
15	16QAM	1	0	22.60	22.95	22.73	24.00
15	16QAM	1	37	22.51	22.80	22.45	24.00
15	16QAM	1	74	22.64	22.90	22.64	24.00
15	16QAM	36	0	21.68	21.84	21.62	23.00
15	16QAM	36	20	21.67	21.91	21.63	23.00
15	16QAM	36	39	21.58	21.86	21.72	23.00
15	16QAM	75	0	21.60	21.95	21.60	23.00
15	64QAM	1	0	21.90	22.12	21.72	23.00
15	64QAM	1	37	21.65	21.99	21.73	23.00
15	64QAM	1	74	21.79	22.23	21.82	23.00
15	64QAM	36	0	20.64	20.91	20.61	22.00
15	64QAM	36	20	20.70	20.98	20.61	22.00
15	64QAM	36	39	20.60	20.77	20.55	22.00
15	64QAM	75	0	20.60	20.98	20.55	22.00
15	256QAM	1	0	18.73	18.88	18.55	20.00
15	256QAM	1	37	18.71	18.97	18.71	20.00
15	256QAM	1	74	18.71	18.92	18.78	20.00
15	256QAM	36	0	18.62	18.78	18.47	20.00
15	256QAM	36	20	18.67	18.87	18.65	20.00
15	256QAM	36	39	18.60	18.86	18.58	20.00
15	256QAM	75	0	18.69	18.82	18.54	20.00
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	22.76	22.96	22.83	24.00
10	QPSK	1	25	22.31	22.68	22.36	24.00
10	QPSK	1	49	22.37	22.65	22.38	24.00
10	QPSK	25	0	22.54	22.74	22.48	24.00
10	QPSK	25	12	22.44	22.78	22.39	24.00
10	QPSK	25	25	22.54	22.72	22.38	24.00
10	QPSK	50	0	22.41	22.72	22.50	24.00
10	16QAM	1	0	22.63	22.91	22.77	24.00
10	16QAM	1	25	22.43	22.82	22.39	24.00
10	16QAM	1	49	22.63	22.94	22.69	24.00
10	16QAM	25	0	21.66	21.89	21.54	23.00
10	16QAM	25	12	21.70	21.96	21.65	23.00
10	16QAM	25	25	21.55	21.94	21.65	23.00

10	16QAM	50	0	21.53	21.95	21.62	23.00
10	64QAM	1	0	21.89	22.14	21.78	23.00
10	64QAM	1	25	21.77	22.02	21.72	23.00
10	64QAM	1	49	21.79	22.11	21.84	23.00
10	64QAM	25	0	20.62	20.93	20.61	22.00
10	64QAM	25	12	20.65	20.86	20.51	22.00
10	64QAM	25	25	20.54	20.78	20.60	22.00
10	64QAM	50	0	20.57	20.93	20.60	22.00
10	256QAM	1	0	18.63	18.81	18.57	20.00
10	256QAM	1	25	18.79	18.92	18.72	20.00
10	256QAM	1	49	18.71	19.03	18.73	20.00
10	256QAM	25	0	18.57	18.79	18.59	20.00
10	256QAM	25	12	18.70	18.96	18.66	20.00
10	256QAM	25	25	18.57	18.77	18.60	20.00
10	256QAM	50	0	18.66	18.84	18.61	20.00
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	22.85	23.04	22.78	24.00
5	QPSK	1	12	22.33	22.59	22.30	24.00
5	QPSK	1	24	22.45	22.69	22.47	24.00
5	QPSK	12	0	22.48	22.83	22.60	24.00
5	QPSK	12	7	22.35	22.66	22.32	24.00
5	QPSK	12	13	22.42	22.76	22.41	24.00
5	QPSK	25	0	22.46	22.80	22.48	24.00
5	16QAM	1	0	22.59	22.92	22.77	24.00
5	16QAM	1	12	22.45	22.73	22.38	24.00
5	16QAM	1	24	22.54	22.91	22.62	24.00
5	16QAM	12	0	21.72	21.91	21.61	23.00
5	16QAM	12	7	21.70	21.88	21.57	23.00
5	16QAM	12	13	21.60	21.88	21.68	23.00
5	16QAM	25	0	21.52	21.90	21.66	23.00
5	64QAM	1	0	21.91	22.19	21.75	23.00
5	64QAM	1	12	21.67	21.94	21.61	23.00
5	64QAM	1	24	21.84	22.11	21.84	23.00
5	64QAM	12	0	20.67	20.94	20.69	22.00
5	64QAM	12	7	20.75	20.92	20.55	22.00
5	64QAM	12	13	20.50	20.85	20.61	22.00
5	64QAM	25	0	20.59	20.91	20.56	22.00
5	256QAM	1	0	18.66	18.92	18.57	20.00
5	256QAM	1	12	18.70	18.97	18.75	20.00
5	256QAM	1	24	18.73	18.93	18.76	20.00
5	256QAM	12	0	18.55	18.82	18.54	20.00
5	256QAM	12	7	18.75	18.84	18.77	20.00
5	256QAM	12	13	18.69	18.78	18.49	20.00
5	256QAM	25	0	18.67	18.85	18.68	20.00

【LTE Band 7_Ant 2_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	22.04	22.32	21.99	22.70
20	QPSK	1	49	21.52	21.93	21.54	22.70
20	QPSK	1	99	21.67	22.03	21.69	22.70
20	QPSK	50	0	22.12	22.21	21.98	22.70
20	QPSK	50	24	21.90	22.21	21.75	22.70
20	QPSK	50	50	21.65	21.94	21.53	22.70
20	QPSK	100	0	21.59	21.92	21.46	22.70
20	16QAM	1	0	21.75	22.04	21.68	22.70
20	16QAM	1	49	21.92	22.28	21.90	22.70
20	16QAM	1	99	21.49	21.90	21.45	22.70
20	16QAM	50	0	21.79	21.99	21.64	22.50
20	16QAM	50	24	21.73	22.00	21.68	22.50
20	16QAM	50	50	21.68	22.01	21.73	22.50
20	16QAM	100	0	21.67	22.00	21.69	22.50
20	64QAM	1	0	21.99	22.24	21.87	22.50
20	64QAM	1	49	21.78	22.03	21.75	22.50
20	64QAM	1	99	21.92	22.25	21.91	22.50
20	64QAM	50	0	20.69	20.98	20.75	21.50
20	64QAM	50	24	20.76	21.00	20.65	21.50
20	64QAM	50	50	20.61	20.91	20.69	21.50
20	64QAM	100	0	20.72	21.01	20.68	21.50

20	256QAM	1	0	18.77	18.95	18.69	19.50
20	256QAM	1	49	18.80	19.04	18.76	19.50
20	256QAM	1	99	18.77	19.05	18.84	19.50
20	256QAM	50	0	18.68	18.91	18.61	19.50
20	256QAM	50	24	18.78	18.99	18.78	19.50
20	256QAM	50	50	18.72	18.89	18.63	19.50
20	256QAM	100	0	18.72	18.95	18.69	19.50
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	21.97	22.18	21.88	22.70
15	QPSK	1	37	21.37	21.91	21.50	22.70
15	QPSK	1	74	21.56	21.88	21.66	22.70
15	QPSK	36	0	21.98	22.08	21.95	22.70
15	QPSK	36	20	21.88	22.16	21.67	22.70
15	QPSK	36	39	21.61	21.91	21.47	22.70
15	QPSK	75	0	21.55	21.89	21.31	22.70
15	16QAM	1	0	21.63	21.96	21.66	22.70
15	16QAM	1	37	21.81	22.26	21.76	22.70
15	16QAM	1	74	21.36	21.78	21.35	22.70
15	16QAM	36	0	21.68	21.84	21.62	22.50
15	16QAM	36	20	21.67	21.91	21.63	22.50
15	16QAM	36	39	21.58	21.86	21.72	22.50
15	16QAM	75	0	21.60	21.95	21.60	22.50
15	64QAM	1	0	21.90	22.12	21.72	22.50
15	64QAM	1	37	21.65	21.99	21.73	22.50
15	64QAM	1	74	21.79	22.23	21.82	22.50
15	64QAM	36	0	20.64	20.91	20.61	21.50
15	64QAM	36	20	20.70	20.98	20.61	21.50
15	64QAM	36	39	20.60	20.77	20.55	21.50
15	64QAM	75	0	20.60	20.98	20.55	21.50
15	256QAM	1	0	18.73	18.88	18.55	19.50
15	256QAM	1	37	18.71	18.97	18.71	19.50
15	256QAM	1	74	18.71	18.92	18.78	19.50
15	256QAM	36	0	18.62	18.78	18.47	19.50
15	256QAM	36	20	18.67	18.87	18.65	19.50
15	256QAM	36	39	18.60	18.86	18.58	19.50
15	256QAM	75	0	18.69	18.82	18.54	19.50
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	21.96	22.20	21.85	22.70
10	QPSK	1	25	21.50	21.85	21.53	22.70
10	QPSK	1	49	21.64	21.95	21.57	22.70
10	QPSK	25	0	22.04	22.09	21.89	22.70
10	QPSK	25	12	21.79	22.20	21.61	22.70
10	QPSK	25	25	21.56	21.81	21.38	22.70
10	QPSK	50	0	21.50	21.79	21.32	22.70
10	16QAM	1	0	21.65	21.96	21.53	22.70
10	16QAM	1	25	21.83	22.25	21.75	22.70
10	16QAM	1	49	21.42	21.76	21.41	22.70
10	16QAM	25	0	21.66	21.89	21.54	22.50
10	16QAM	25	12	21.70	21.96	21.65	22.50
10	16QAM	25	25	21.55	21.94	21.65	22.50
10	16QAM	50	0	21.53	21.95	21.62	22.50
10	64QAM	1	0	21.89	22.14	21.78	22.50
10	64QAM	1	25	21.77	22.02	21.72	22.50
10	64QAM	1	49	21.79	22.11	21.84	22.50
10	64QAM	25	0	20.62	20.93	20.61	21.50
10	64QAM	25	12	20.65	20.86	20.51	21.50
10	64QAM	25	25	20.54	20.78	20.60	21.50
10	64QAM	50	0	20.57	20.93	20.60	21.50
10	256QAM	1	0	18.63	18.81	18.57	19.50
10	256QAM	1	25	18.79	18.92	18.72	19.50
10	256QAM	1	49	18.71	19.03	18.73	19.50
10	256QAM	25	0	18.57	18.79	18.59	19.50
10	256QAM	25	12	18.70	18.96	18.66	19.50
10	256QAM	25	25	18.57	18.77	18.60	19.50
10	256QAM	50	0	18.66	18.84	18.61	19.50
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	21.97	22.21	21.84	22.70
5	QPSK	1	12	21.47	21.80	21.40	22.70
5	QPSK	1	24	21.59	22.01	21.54	22.70
5	QPSK	12	0	22.02	22.11	21.93	22.70
5	QPSK	12	7	21.76	22.15	21.68	22.70
5	QPSK	12	13	21.59	21.91	21.47	22.70
5	QPSK	25	0	21.46	21.88	21.39	22.70
5	16QAM	1	0	21.61	21.91	21.60	22.70

5	16QAM	1	12	21.87	22.26	21.87	22.70
5	16QAM	1	24	21.36	21.77	21.41	22.70
5	16QAM	12	0	21.72	21.91	21.61	22.50
5	16QAM	12	7	21.70	21.88	21.57	22.50
5	16QAM	12	13	21.60	21.88	21.68	22.50
5	16QAM	25	0	21.52	21.90	21.66	22.50
5	64QAM	1	0	21.91	22.19	21.75	22.50
5	64QAM	1	12	21.67	21.94	21.61	22.50
5	64QAM	1	24	21.84	22.11	21.84	22.50
5	64QAM	12	0	20.67	20.94	20.69	21.50
5	64QAM	12	7	20.75	20.92	20.55	21.50
5	64QAM	12	13	20.50	20.85	20.61	21.50
5	64QAM	25	0	20.59	20.91	20.56	21.50
5	256QAM	1	0	18.66	18.92	18.57	19.50
5	256QAM	1	12	18.70	18.97	18.75	19.50
5	256QAM	1	24	18.73	18.93	18.76	19.50
5	256QAM	12	0	18.55	18.82	18.54	19.50
5	256QAM	12	7	18.75	18.84	18.77	19.50
5	256QAM	12	13	18.69	18.78	18.49	19.50
5	256QAM	25	0	18.67	18.85	18.68	19.50

【LTE Band 7_Ant 2_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	21.21	21.26	21.23	22.10
20	QPSK	1	49	21.13	21.23	21.15	22.10
20	QPSK	1	99	20.94	21.11	21.00	22.10
20	QPSK	50	0	21.18	21.24	21.21	22.10
20	QPSK	50	24	20.93	21.12	21.05	22.10
20	QPSK	50	50	20.93	21.08	21.03	22.10
20	QPSK	100	0	21.05	21.19	21.09	22.10
20	16QAM	1	0	21.15	21.22	21.09	22.10
20	16QAM	1	49	21.02	21.09	20.95	22.10
20	16QAM	1	99	21.12	21.20	21.09	22.10
20	16QAM	50	0	21.04	21.11	20.99	22.10
20	16QAM	50	24	21.06	21.14	21.08	22.10
20	16QAM	50	50	20.95	21.10	21.00	22.10
20	16QAM	100	0	21.08	21.21	21.07	22.10
20	64QAM	1	0	20.95	21.14	21.01	22.10
20	64QAM	1	49	21.11	21.17	21.01	22.10
20	64QAM	1	99	20.97	21.11	20.99	22.10
20	64QAM	50	0	20.97	21.13	21.04	22.00
20	64QAM	50	24	20.95	21.12	21.04	22.00
20	64QAM	50	50	20.96	21.09	21.00	22.00
20	64QAM	100	0	20.94	21.09	21.05	22.00
20	256QAM	1	0	18.77	19.08	18.69	20.00
20	256QAM	1	49	18.80	19.04	18.76	20.00
20	256QAM	1	99	18.77	19.05	18.84	20.00
20	256QAM	50	0	18.68	18.91	18.61	20.00
20	256QAM	50	24	18.78	18.99	18.78	20.00
20	256QAM	50	50	18.72	18.89	18.63	20.00
20	256QAM	100	0	18.72	18.95	18.69	20.00
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	21.18	21.23	21.14	22.10
15	QPSK	1	37	21.03	21.15	21.06	22.10
15	QPSK	1	74	20.89	21.01	20.87	22.10
15	QPSK	36	0	21.05	21.23	21.09	22.10
15	QPSK	36	20	20.89	20.99	21.04	22.10
15	QPSK	36	39	20.81	20.96	20.95	22.10
15	QPSK	75	0	20.96	21.14	21.06	22.10
15	16QAM	1	0	21.03	21.18	21.04	22.10
15	16QAM	1	37	20.97	20.94	20.91	22.10
15	16QAM	1	74	21.07	21.17	20.98	22.10
15	16QAM	36	0	20.90	21.04	20.90	22.10
15	16QAM	36	20	21.05	21.03	21.07	22.10
15	16QAM	36	39	20.94	20.97	20.87	22.10
15	16QAM	75	0	21.01	21.07	21.00	22.10
15	64QAM	1	0	20.86	21.09	20.91	22.10
15	64QAM	1	37	21.06	21.03	20.99	22.10

15	64QAM	1	74	20.90	21.00	20.97	22.10
15	64QAM	36	0	20.87	21.12	20.90	22.00
15	64QAM	36	20	20.83	20.99	21.02	22.00
15	64QAM	36	39	20.83	20.95	20.86	22.00
15	64QAM	75	0	20.80	20.95	20.98	22.00
15	256QAM	1	0	18.69	18.97	18.55	20.00
15	256QAM	1	37	18.79	18.91	18.72	20.00
15	256QAM	1	74	18.68	18.91	18.77	20.00
15	256QAM	36	0	18.63	18.90	18.48	20.00
15	256QAM	36	20	18.67	18.87	18.67	20.00
15	256QAM	36	39	18.69	18.78	18.58	20.00
15	256QAM	75	0	18.71	18.84	18.58	20.00
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	21.08	21.16	21.20	22.10
10	QPSK	1	25	21.04	21.19	21.09	22.10
10	QPSK	1	49	20.80	20.96	20.87	22.10
10	QPSK	25	0	21.04	21.11	21.14	22.10
10	QPSK	25	12	20.80	21.09	20.99	22.10
10	QPSK	25	25	20.86	20.96	20.88	22.10
10	QPSK	50	0	20.91	21.06	21.03	22.10
10	16QAM	1	0	21.08	21.14	20.96	22.10
10	16QAM	1	25	20.91	20.96	20.84	22.10
10	16QAM	1	49	21.07	21.11	21.06	22.10
10	16QAM	25	0	20.93	21.06	20.91	22.10
10	16QAM	25	12	20.92	21.10	20.95	22.10
10	16QAM	25	25	20.82	20.96	20.96	22.10
10	16QAM	50	0	21.05	21.07	21.05	22.10
10	64QAM	1	0	20.88	21.08	20.90	22.10
10	64QAM	1	25	21.06	21.03	20.96	22.10
10	64QAM	1	49	20.92	21.05	20.85	22.10
10	64QAM	25	0	20.94	21.03	20.92	22.00
10	64QAM	25	12	20.92	21.02	20.96	22.00
10	64QAM	25	25	20.93	21.04	20.87	22.00
10	64QAM	50	0	20.82	20.97	20.94	22.00
10	256QAM	1	0	18.71	19.03	18.58	20.00
10	256QAM	1	25	18.68	18.95	18.66	20.00
10	256QAM	1	49	18.70	18.93	18.78	20.00
10	256QAM	25	0	18.62	18.82	18.46	20.00
10	256QAM	25	12	18.76	18.89	18.73	20.00
10	256QAM	25	25	18.62	18.85	18.51	20.00
10	256QAM	50	0	18.70	18.87	18.58	20.00
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	21.13	21.17	21.19	22.10
5	QPSK	1	12	21.02	21.10	21.11	22.10
5	QPSK	1	24	20.79	21.08	20.88	22.10
5	QPSK	12	0	21.03	21.21	21.10	22.10
5	QPSK	12	7	20.85	20.99	20.91	22.10
5	QPSK	12	13	20.83	21.07	20.99	22.10
5	QPSK	25	0	20.95	21.15	20.97	22.10
5	16QAM	1	0	21.07	21.16	20.95	22.10
5	16QAM	1	12	20.89	21.05	20.82	22.10
5	16QAM	1	24	21.03	21.07	20.96	22.10
5	16QAM	12	0	20.92	21.06	20.85	22.10
5	16QAM	12	7	21.00	21.08	21.07	22.10
5	16QAM	12	13	20.84	21.04	20.88	22.10
5	16QAM	25	0	21.04	21.19	21.01	22.10
5	64QAM	1	0	20.93	21.10	21.00	22.10
5	64QAM	1	12	21.09	21.04	20.93	22.10
5	64QAM	1	24	20.84	21.06	20.86	22.10
5	64QAM	12	0	20.83	21.05	20.91	22.00
5	64QAM	12	7	20.85	20.99	20.91	22.00
5	64QAM	12	13	20.93	21.03	20.87	22.00
5	64QAM	25	0	20.81	20.95	20.92	22.00
5	256QAM	1	0	18.67	18.94	18.64	20.00
5	256QAM	1	12	18.72	19.03	18.63	20.00
5	256QAM	1	24	18.67	18.90	18.69	20.00
5	256QAM	12	0	18.54	18.87	18.47	20.00
5	256QAM	12	7	18.76	18.94	18.72	20.00
5	256QAM	12	13	18.60	18.84	18.61	20.00
5	256QAM	25	0	18.67	18.83	18.58	20.00

[LTE Band 7_Ant 2_DSI 7]

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	19.75	19.78	19.73	20.90
20	QPSK	1	49	19.59	19.74	19.63	20.90
20	QPSK	1	99	19.60	19.74	19.56	20.90
20	QPSK	50	0	19.71	19.76	19.72	20.90
20	QPSK	50	24	19.71	19.75	19.62	20.90
20	QPSK	50	50	19.64	19.71	19.64	20.90
20	QPSK	100	0	19.55	19.69	19.56	20.90
20	16QAM	1	0	19.57	19.64	19.53	20.90
20	16QAM	1	49	19.61	19.65	19.59	20.90
20	16QAM	1	99	19.53	19.70	19.59	20.90
20	16QAM	50	0	19.67	19.75	19.64	20.90
20	16QAM	50	24	19.53	19.68	19.55	20.90
20	16QAM	50	50	19.69	19.77	19.62	20.90
20	16QAM	100	0	19.56	19.74	19.60	20.90
20	64QAM	1	0	19.64	19.72	19.54	20.90
20	64QAM	1	49	19.59	19.73	19.54	20.90
20	64QAM	1	99	19.69	19.76	19.58	20.90
20	64QAM	50	0	19.54	19.68	19.50	20.90
20	64QAM	50	24	19.57	19.68	19.60	20.90
20	64QAM	50	50	19.59	19.68	19.60	20.90
20	64QAM	100	0	19.69	19.75	19.56	20.90
20	256QAM	1	0	18.77	18.95	18.69	20.00
20	256QAM	1	49	18.80	19.04	18.76	20.00
20	256QAM	1	99	18.77	19.05	18.84	20.00
20	256QAM	50	0	18.68	18.91	18.61	20.00
20	256QAM	50	24	18.78	18.99	18.78	20.00
20	256QAM	50	50	18.72	18.89	18.63	20.00
20	256QAM	100	0	18.72	18.95	18.69	20.00
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	19.71	19.72	19.62	20.90
15	QPSK	1	37	19.47	19.63	19.59	20.90
15	QPSK	1	74	19.51	19.62	19.53	20.90
15	QPSK	36	0	19.58	19.67	19.61	20.90
15	QPSK	36	20	19.62	19.60	19.48	20.90
15	QPSK	36	39	19.52	19.66	19.62	20.90
15	QPSK	75	0	19.46	19.64	19.50	20.90
15	16QAM	1	0	19.51	19.60	19.47	20.90
15	16QAM	1	37	19.48	19.64	19.49	20.90
15	16QAM	1	74	19.48	19.60	19.54	20.90
15	16QAM	36	0	19.58	19.73	19.57	20.90
15	16QAM	36	20	19.39	19.58	19.51	20.90
15	16QAM	36	39	19.64	19.71	19.52	20.90
15	16QAM	75	0	19.44	19.61	19.59	20.90
15	64QAM	1	0	19.60	19.68	19.47	20.90
15	64QAM	1	37	19.50	19.60	19.43	20.90
15	64QAM	1	74	19.67	19.62	19.55	20.90
15	64QAM	36	0	19.51	19.62	19.40	20.90
15	64QAM	36	20	19.56	19.61	19.54	20.90
15	64QAM	36	39	19.48	19.62	19.57	20.90
15	64QAM	75	0	19.60	19.67	19.44	20.90
15	256QAM	1	0	18.75	18.93	18.60	20.00
15	256QAM	1	37	18.76	18.90	18.70	20.00
15	256QAM	1	74	18.66	18.91	18.79	20.00
15	256QAM	36	0	18.62	18.89	18.56	20.00
15	256QAM	36	20	18.66	18.95	18.66	20.00
15	256QAM	36	39	18.70	18.80	18.51	20.00
15	256QAM	75	0	18.64	18.91	18.59	20.00
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	19.72	19.68	19.63	20.90
10	QPSK	1	25	19.52	19.65	19.49	20.90
10	QPSK	1	49	19.53	19.71	19.47	20.90
10	QPSK	25	0	19.70	19.73	19.64	20.90
10	QPSK	25	12	19.64	19.71	19.61	20.90
10	QPSK	25	25	19.56	19.64	19.63	20.90
10	QPSK	50	0	19.45	19.61	19.42	20.90
10	16QAM	1	0	19.55	19.56	19.38	20.90
10	16QAM	1	25	19.60	19.64	19.54	20.90
10	16QAM	1	49	19.42	19.58	19.58	20.90

10	16QAM	25	0	19.62	19.64	19.60	20.90
10	16QAM	25	12	19.45	19.65	19.45	20.90
10	16QAM	25	25	19.56	19.66	19.53	20.90
10	16QAM	50	0	19.51	19.72	19.57	20.90
10	64QAM	1	0	19.59	19.64	19.49	20.90
10	64QAM	1	25	19.55	19.65	19.43	20.90
10	64QAM	1	49	19.67	19.71	19.51	20.90
10	64QAM	25	0	19.46	19.61	19.38	20.90
10	64QAM	25	12	19.44	19.54	19.55	20.90
10	64QAM	25	25	19.46	19.61	19.53	20.90
10	64QAM	50	0	19.68	19.68	19.42	20.90
10	256QAM	1	0	18.65	18.93	18.58	20.00
10	256QAM	1	25	18.67	18.92	18.74	20.00
10	256QAM	1	49	18.74	18.98	18.71	20.00
10	256QAM	25	0	18.60	18.86	18.52	20.00
10	256QAM	25	12	18.67	18.97	18.74	20.00
10	256QAM	25	25	18.65	18.86	18.58	20.00
10	256QAM	50	0	18.71	18.93	18.62	20.00
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	19.60	19.72	19.66	20.90
5	QPSK	1	12	19.51	19.66	19.58	20.90
5	QPSK	1	24	19.48	19.71	19.43	20.90
5	QPSK	12	0	19.63	19.73	19.57	20.90
5	QPSK	12	7	19.66	19.65	19.59	20.90
5	QPSK	12	13	19.58	19.62	19.51	20.90
5	QPSK	25	0	19.52	19.55	19.42	20.90
5	16QAM	1	0	19.53	19.50	19.51	20.90
5	16QAM	1	12	19.49	19.62	19.54	20.90
5	16QAM	1	24	19.39	19.63	19.56	20.90
5	16QAM	12	0	19.63	19.71	19.51	20.90
5	16QAM	12	7	19.43	19.66	19.43	20.90
5	16QAM	12	13	19.63	19.69	19.48	20.90
5	16QAM	25	0	19.49	19.59	19.45	20.90
5	64QAM	1	0	19.56	19.70	19.50	20.90
5	64QAM	1	12	19.52	19.63	19.43	20.90
5	64QAM	1	24	19.67	19.67	19.52	20.90
5	64QAM	12	0	19.46	19.61	19.43	20.90
5	64QAM	12	7	19.46	19.64	19.56	20.90
5	64QAM	12	13	19.48	19.61	19.47	20.90
5	64QAM	25	0	19.66	19.71	19.44	20.90
5	256QAM	1	0	18.67	18.81	18.65	20.00
5	256QAM	1	12	18.65	18.99	18.66	20.00
5	256QAM	1	24	18.63	18.91	18.71	20.00
5	256QAM	12	0	18.64	18.83	18.59	20.00
5	256QAM	12	7	18.65	18.95	18.71	20.00
5	256QAM	12	13	18.68	18.81	18.60	20.00
5	256QAM	25	0	18.57	18.86	18.66	20.00

【LTE Band 7_Ant 6_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	20.57	20.88	20.68	22.00
20	QPSK	1	49	20.12	20.47	20.14	22.00
20	QPSK	1	99	20.14	20.51	20.20	22.00
20	QPSK	50	0	20.45	20.63	20.53	22.00
20	QPSK	50	24	20.25	20.63	20.32	22.00
20	QPSK	50	50	20.22	20.62	20.29	22.00
20	QPSK	100	0	20.23	20.59	20.34	22.00
20	16QAM	1	0	20.41	20.80	20.55	22.00
20	16QAM	1	49	20.32	20.72	20.43	22.00
20	16QAM	1	99	20.42	20.80	20.48	22.00
20	16QAM	50	0	19.72	20.08	19.77	21.00
20	16QAM	50	24	19.40	19.79	19.55	21.00
20	16QAM	50	50	19.35	19.77	19.52	21.00
20	16QAM	100	0	19.36	19.80	19.54	21.00
20	64QAM	1	0	19.54	19.95	19.67	21.00
20	64QAM	1	49	19.62	19.95	19.61	21.00
20	64QAM	1	99	19.62	20.02	19.80	21.00
20	64QAM	50	0	18.42	18.82	18.57	20.00

20	64QAM	50	24	18.53	18.83	18.53	20.00
20	64QAM	50	50	18.45	18.76	18.52	20.00
20	64QAM	100	0	18.41	18.83	18.59	20.00
20	256QAM	1	0	16.67	16.96	16.67	18.00
20	256QAM	1	49	16.51	16.90	16.64	18.00
20	256QAM	1	99	16.48	16.85	16.56	18.00
20	256QAM	50	0	16.39	16.75	16.46	18.00
20	256QAM	50	24	16.45	16.84	16.62	18.00
20	256QAM	50	50	16.44	16.79	16.59	18.00
20	256QAM	100	0	16.48	16.79	16.49	18.00
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	20.44	20.84	20.56	22.00
15	QPSK	1	37	20.03	20.39	20.02	22.00
15	QPSK	1	74	20.13	20.47	20.14	22.00
15	QPSK	36	0	20.12	20.54	20.30	22.00
15	QPSK	36	20	20.12	20.60	20.27	22.00
15	QPSK	36	39	20.15	20.56	20.16	22.00
15	QPSK	75	0	20.21	20.51	20.25	22.00
15	16QAM	1	0	20.38	20.68	20.52	22.00
15	16QAM	1	37	20.19	20.71	20.41	22.00
15	16QAM	1	74	20.37	20.74	20.39	22.00
15	16QAM	36	0	19.66	20.07	19.71	21.00
15	16QAM	36	20	19.27	19.66	19.51	21.00
15	16QAM	36	39	19.23	19.73	19.41	21.00
15	16QAM	75	0	19.27	19.66	19.43	21.00
15	64QAM	1	0	19.50	19.83	19.56	21.00
15	64QAM	1	37	19.54	19.86	19.54	21.00
15	64QAM	1	74	19.56	19.92	19.77	21.00
15	64QAM	36	0	18.28	18.72	18.52	20.00
15	64QAM	36	20	18.51	18.73	18.41	20.00
15	64QAM	36	39	18.37	18.72	18.48	20.00
15	64QAM	75	0	18.32	18.79	18.45	20.00
15	256QAM	1	0	16.63	16.88	16.66	18.00
15	256QAM	1	37	16.40	16.85	16.53	18.00
15	256QAM	1	74	16.38	16.83	16.48	18.00
15	256QAM	36	0	16.29	16.61	16.37	18.00
15	256QAM	36	20	16.34	16.82	16.60	18.00
15	256QAM	36	39	16.42	16.75	16.56	18.00
15	256QAM	75	0	16.38	16.71	16.39	18.00
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	20.52	20.77	20.60	22.00
10	QPSK	1	25	20.02	20.34	20.00	22.00
10	QPSK	1	49	20.12	20.37	20.09	22.00
10	QPSK	25	0	20.13	20.59	20.22	22.00
10	QPSK	25	12	20.19	20.52	20.27	22.00
10	QPSK	25	25	20.18	20.56	20.17	22.00
10	QPSK	50	0	20.12	20.56	20.32	22.00
10	16QAM	1	0	20.34	20.68	20.48	22.00
10	16QAM	1	25	20.24	20.67	20.30	22.00
10	16QAM	1	49	20.41	20.75	20.35	22.00
10	16QAM	25	0	19.68	20.04	19.70	21.00
10	16QAM	25	12	19.30	19.71	19.43	21.00
10	16QAM	25	25	19.23	19.63	19.43	21.00
10	16QAM	50	0	19.23	19.67	19.44	21.00
10	64QAM	1	0	19.44	19.85	19.65	21.00
10	64QAM	1	25	19.55	19.81	19.48	21.00
10	64QAM	1	49	19.54	19.89	19.79	21.00
10	64QAM	25	0	18.39	18.69	18.43	20.00
10	64QAM	25	12	18.51	18.71	18.44	20.00
10	64QAM	25	25	18.33	18.75	18.41	20.00
10	64QAM	50	0	18.34	18.77	18.48	20.00
10	256QAM	1	0	16.58	16.83	16.55	18.00
10	256QAM	1	25	16.42	16.82	16.53	18.00
10	256QAM	1	49	16.43	16.78	16.46	18.00
10	256QAM	25	0	16.36	16.65	16.31	18.00
10	256QAM	25	12	16.41	16.76	16.51	18.00
10	256QAM	25	25	16.37	16.69	16.49	18.00
10	256QAM	50	0	16.43	16.74	16.46	18.00
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	20.46	20.73	20.64	22.00
5	QPSK	1	12	20.09	20.42	20.01	22.00
5	QPSK	1	24	20.04	20.50	20.06	22.00
5	QPSK	12	0	20.10	20.53	20.29	22.00
5	QPSK	12	7	20.23	20.59	20.26	22.00

5	QPSK	12	13	20.08	20.61	20.23	22.00
5	QPSK	25	0	20.16	20.57	20.20	22.00
5	16QAM	1	0	20.40	20.79	20.53	22.00
5	16QAM	1	12	20.25	20.58	20.29	22.00
5	16QAM	1	24	20.36	20.67	20.35	22.00
5	16QAM	12	0	19.66	20.06	19.65	21.00
5	16QAM	12	7	19.32	19.69	19.45	21.00
5	16QAM	12	13	19.28	19.68	19.41	21.00
5	16QAM	25	0	19.22	19.70	19.49	21.00
5	64QAM	1	0	19.44	19.93	19.54	21.00
5	64QAM	1	12	19.60	19.90	19.58	21.00
5	64QAM	1	24	19.49	19.98	19.77	21.00
5	64QAM	12	0	18.38	18.80	18.49	20.00
5	64QAM	12	7	18.49	18.77	18.51	20.00
5	64QAM	12	13	18.30	18.65	18.44	20.00
5	64QAM	25	0	18.31	18.75	18.47	20.00
5	256QAM	1	0	16.63	16.86	16.53	18.00
5	256QAM	1	12	16.47	16.75	16.57	18.00
5	256QAM	1	24	16.40	16.75	16.52	18.00
5	256QAM	12	0	16.28	16.65	16.31	18.00
5	256QAM	12	7	16.34	16.81	16.50	18.00
5	256QAM	12	13	16.38	16.70	16.54	18.00
5	256QAM	25	0	16.44	16.70	16.42	18.00

【LTE Band 7_Ant 6_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	20.57	20.88	20.68	22.00
20	QPSK	1	49	20.12	20.47	20.14	22.00
20	QPSK	1	99	20.14	20.51	20.20	22.00
20	QPSK	50	0	20.45	20.63	20.53	22.00
20	QPSK	50	24	20.25	20.63	20.32	22.00
20	QPSK	50	50	20.22	20.62	20.29	22.00
20	QPSK	100	0	20.23	20.59	20.34	22.00
20	16QAM	1	0	20.41	20.80	20.55	22.00
20	16QAM	1	49	20.32	20.72	20.43	22.00
20	16QAM	1	99	20.42	20.80	20.48	22.00
20	16QAM	50	0	19.72	20.08	19.77	21.00
20	16QAM	50	24	19.40	19.79	19.55	21.00
20	16QAM	50	50	19.35	19.77	19.52	21.00
20	16QAM	100	0	19.36	19.80	19.54	21.00
20	64QAM	1	0	19.54	19.95	19.67	21.00
20	64QAM	1	49	19.62	19.95	19.61	21.00
20	64QAM	1	99	19.62	20.02	19.80	21.00
20	64QAM	50	0	18.42	18.82	18.57	20.00
20	64QAM	50	24	18.53	18.83	18.53	20.00
20	64QAM	50	50	18.45	18.76	18.52	20.00
20	64QAM	100	0	18.41	18.83	18.59	20.00
20	256QAM	1	0	16.67	16.96	16.67	18.00
20	256QAM	1	49	16.51	16.90	16.64	18.00
20	256QAM	1	99	16.48	16.85	16.56	18.00
20	256QAM	50	0	16.39	16.75	16.46	18.00
20	256QAM	50	24	16.45	16.84	16.62	18.00
20	256QAM	50	50	16.44	16.79	16.59	18.00
20	256QAM	100	0	16.48	16.79	16.49	18.00
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	20.44	20.84	20.56	22.00
15	QPSK	1	37	20.03	20.39	20.02	22.00
15	QPSK	1	74	20.13	20.47	20.14	22.00
15	QPSK	36	0	20.12	20.54	20.30	22.00
15	QPSK	36	20	20.12	20.60	20.27	22.00
15	QPSK	36	39	20.15	20.56	20.16	22.00
15	QPSK	75	0	20.21	20.51	20.25	22.00
15	16QAM	1	0	20.38	20.68	20.52	22.00
15	16QAM	1	37	20.19	20.71	20.41	22.00
15	16QAM	1	74	20.37	20.74	20.39	22.00
15	16QAM	36	0	19.66	20.07	19.71	21.00
15	16QAM	36	20	19.27	19.66	19.51	21.00
15	16QAM	36	39	19.23	19.73	19.41	21.00

15	16QAM	75	0	19.27	19.66	19.43	21.00
15	64QAM	1	0	19.50	19.83	19.56	21.00
15	64QAM	1	37	19.54	19.86	19.54	21.00
15	64QAM	1	74	19.56	19.92	19.77	21.00
15	64QAM	36	0	18.28	18.72	18.52	20.00
15	64QAM	36	20	18.51	18.73	18.41	20.00
15	64QAM	36	39	18.37	18.72	18.48	20.00
15	64QAM	75	0	18.32	18.79	18.45	20.00
15	256QAM	1	0	16.63	16.88	16.66	18.00
15	256QAM	1	37	16.40	16.85	16.53	18.00
15	256QAM	1	74	16.38	16.83	16.48	18.00
15	256QAM	36	0	16.29	16.61	16.37	18.00
15	256QAM	36	20	16.34	16.82	16.60	18.00
15	256QAM	36	39	16.42	16.75	16.56	18.00
15	256QAM	75	0	16.38	16.71	16.39	18.00
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	20.52	20.77	20.60	22.00
10	QPSK	1	25	20.02	20.34	20.00	22.00
10	QPSK	1	49	20.12	20.37	20.09	22.00
10	QPSK	25	0	20.13	20.59	20.22	22.00
10	QPSK	25	12	20.19	20.52	20.27	22.00
10	QPSK	25	25	20.18	20.56	20.17	22.00
10	QPSK	50	0	20.12	20.56	20.32	22.00
10	16QAM	1	0	20.34	20.68	20.48	22.00
10	16QAM	1	25	20.24	20.67	20.30	22.00
10	16QAM	1	49	20.41	20.75	20.35	22.00
10	16QAM	25	0	19.68	20.04	19.70	21.00
10	16QAM	25	12	19.30	19.71	19.43	21.00
10	16QAM	25	25	19.23	19.63	19.43	21.00
10	16QAM	50	0	19.23	19.67	19.44	21.00
10	64QAM	1	0	19.44	19.85	19.65	21.00
10	64QAM	1	25	19.55	19.81	19.48	21.00
10	64QAM	1	49	19.54	19.89	19.79	21.00
10	64QAM	25	0	18.39	18.69	18.43	20.00
10	64QAM	25	12	18.51	18.71	18.44	20.00
10	64QAM	25	25	18.33	18.75	18.41	20.00
10	64QAM	50	0	18.34	18.77	18.48	20.00
10	256QAM	1	0	16.58	16.83	16.55	18.00
10	256QAM	1	25	16.42	16.82	16.53	18.00
10	256QAM	1	49	16.43	16.78	16.46	18.00
10	256QAM	25	0	16.36	16.65	16.31	18.00
10	256QAM	25	12	16.41	16.76	16.51	18.00
10	256QAM	25	25	16.37	16.69	16.49	18.00
10	256QAM	50	0	16.43	16.74	16.46	18.00
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	20.46	20.73	20.64	22.00
5	QPSK	1	12	20.09	20.42	20.01	22.00
5	QPSK	1	24	20.04	20.50	20.06	22.00
5	QPSK	12	0	20.10	20.53	20.29	22.00
5	QPSK	12	7	20.23	20.59	20.26	22.00
5	QPSK	12	13	20.08	20.61	20.23	22.00
5	QPSK	25	0	20.16	20.57	20.20	22.00
5	16QAM	1	0	20.40	20.79	20.53	22.00
5	16QAM	1	12	20.25	20.58	20.29	22.00
5	16QAM	1	24	20.36	20.67	20.35	22.00
5	16QAM	12	0	19.66	20.06	19.65	21.00
5	16QAM	12	7	19.32	19.69	19.45	21.00
5	16QAM	12	13	19.28	19.68	19.41	21.00
5	16QAM	25	0	19.22	19.70	19.49	21.00
5	64QAM	1	0	19.44	19.93	19.54	21.00
5	64QAM	1	12	19.60	19.90	19.58	21.00
5	64QAM	1	24	19.49	19.98	19.77	21.00
5	64QAM	12	0	18.38	18.80	18.49	20.00
5	64QAM	12	7	18.49	18.77	18.51	20.00
5	64QAM	12	13	18.30	18.65	18.44	20.00
5	64QAM	25	0	18.31	18.75	18.47	20.00
5	256QAM	1	0	16.63	16.86	16.53	18.00
5	256QAM	1	12	16.47	16.75	16.57	18.00
5	256QAM	1	24	16.40	16.75	16.52	18.00
5	256QAM	12	0	16.28	16.65	16.31	18.00
5	256QAM	12	7	16.34	16.81	16.50	18.00
5	256QAM	12	13	16.38	16.70	16.54	18.00
5	256QAM	25	0	16.44	16.70	16.42	18.00

【LTE Band 7_Ant 6_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	20.57	20.88	20.68	22.00
20	QPSK	1	49	20.12	20.47	20.14	22.00
20	QPSK	1	99	20.14	20.51	20.20	22.00
20	QPSK	50	0	20.45	20.63	20.53	22.00
20	QPSK	50	24	20.25	20.63	20.32	22.00
20	QPSK	50	50	20.22	20.62	20.29	22.00
20	QPSK	100	0	20.23	20.59	20.34	22.00
20	16QAM	1	0	20.41	20.80	20.55	22.00
20	16QAM	1	49	20.32	20.72	20.43	22.00
20	16QAM	1	99	20.42	20.80	20.48	22.00
20	16QAM	50	0	19.72	20.08	19.77	21.00
20	16QAM	50	24	19.40	19.79	19.55	21.00
20	16QAM	50	50	19.35	19.77	19.52	21.00
20	16QAM	100	0	19.36	19.80	19.54	21.00
20	64QAM	1	0	19.54	19.95	19.67	21.00
20	64QAM	1	49	19.62	19.95	19.61	21.00
20	64QAM	1	99	19.62	20.02	19.80	21.00
20	64QAM	50	0	18.42	18.82	18.57	20.00
20	64QAM	50	24	18.53	18.83	18.53	20.00
20	64QAM	50	50	18.45	18.76	18.52	20.00
20	64QAM	100	0	18.41	18.83	18.59	20.00
20	256QAM	1	0	16.67	16.96	16.67	18.00
20	256QAM	1	49	16.51	16.90	16.64	18.00
20	256QAM	1	99	16.48	16.85	16.56	18.00
20	256QAM	50	0	16.39	16.75	16.46	18.00
20	256QAM	50	24	16.45	16.84	16.62	18.00
20	256QAM	50	50	16.44	16.79	16.59	18.00
20	256QAM	100	0	16.48	16.79	16.49	18.00
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	20.44	20.84	20.56	22.00
15	QPSK	1	37	20.03	20.39	20.02	22.00
15	QPSK	1	74	20.13	20.47	20.14	22.00
15	QPSK	36	0	20.12	20.54	20.30	22.00
15	QPSK	36	20	20.12	20.60	20.27	22.00
15	QPSK	36	39	20.15	20.56	20.16	22.00
15	QPSK	75	0	20.21	20.51	20.25	22.00
15	16QAM	1	0	20.38	20.68	20.52	22.00
15	16QAM	1	37	20.19	20.71	20.41	22.00
15	16QAM	1	74	20.37	20.74	20.39	22.00
15	16QAM	36	0	19.66	20.07	19.71	21.00
15	16QAM	36	20	19.27	19.66	19.51	21.00
15	16QAM	36	39	19.23	19.73	19.41	21.00
15	16QAM	75	0	19.27	19.66	19.43	21.00
15	64QAM	1	0	19.50	19.83	19.56	21.00
15	64QAM	1	37	19.54	19.86	19.54	21.00
15	64QAM	1	74	19.56	19.92	19.77	21.00
15	64QAM	36	0	18.28	18.72	18.52	20.00
15	64QAM	36	20	18.51	18.73	18.41	20.00
15	64QAM	36	39	18.37	18.72	18.48	20.00
15	64QAM	75	0	18.32	18.79	18.45	20.00
15	256QAM	1	0	16.63	16.88	16.66	18.00
15	256QAM	1	37	16.40	16.85	16.53	18.00
15	256QAM	1	74	16.38	16.83	16.48	18.00
15	256QAM	36	0	16.29	16.61	16.37	18.00
15	256QAM	36	20	16.34	16.82	16.60	18.00
15	256QAM	36	39	16.42	16.75	16.56	18.00
15	256QAM	75	0	16.38	16.71	16.39	18.00
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	20.52	20.77	20.60	22.00
10	QPSK	1	25	20.02	20.34	20.00	22.00
10	QPSK	1	49	20.12	20.37	20.09	22.00
10	QPSK	25	0	20.13	20.59	20.22	22.00
10	QPSK	25	12	20.19	20.52	20.27	22.00
10	QPSK	25	25	20.18	20.56	20.17	22.00
10	QPSK	50	0	20.12	20.56	20.32	22.00
10	16QAM	1	0	20.34	20.68	20.48	22.00

10	16QAM	1	25	20.24	20.67	20.30	22.00
10	16QAM	1	49	20.41	20.75	20.35	22.00
10	16QAM	25	0	19.68	20.04	19.70	21.00
10	16QAM	25	12	19.30	19.71	19.43	21.00
10	16QAM	25	25	19.23	19.63	19.43	21.00
10	16QAM	50	0	19.23	19.67	19.44	21.00
10	64QAM	1	0	19.44	19.85	19.65	21.00
10	64QAM	1	25	19.55	19.81	19.48	21.00
10	64QAM	1	49	19.54	19.89	19.79	21.00
10	64QAM	25	0	18.39	18.69	18.43	20.00
10	64QAM	25	12	18.51	18.71	18.44	20.00
10	64QAM	25	25	18.33	18.75	18.41	20.00
10	64QAM	50	0	18.34	18.77	18.48	20.00
10	256QAM	1	0	16.58	16.83	16.55	18.00
10	256QAM	1	25	16.42	16.82	16.53	18.00
10	256QAM	1	49	16.43	16.78	16.46	18.00
10	256QAM	25	0	16.36	16.65	16.31	18.00
10	256QAM	25	12	16.41	16.76	16.51	18.00
10	256QAM	25	25	16.37	16.69	16.49	18.00
10	256QAM	50	0	16.43	16.74	16.46	18.00
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	20.46	20.73	20.64	22.00
5	QPSK	1	12	20.09	20.42	20.01	22.00
5	QPSK	1	24	20.04	20.50	20.06	22.00
5	QPSK	12	0	20.10	20.53	20.29	22.00
5	QPSK	12	7	20.23	20.59	20.26	22.00
5	QPSK	12	13	20.08	20.61	20.23	22.00
5	QPSK	25	0	20.16	20.57	20.20	22.00
5	16QAM	1	0	20.40	20.79	20.53	22.00
5	16QAM	1	12	20.25	20.58	20.29	22.00
5	16QAM	1	24	20.36	20.67	20.35	22.00
5	16QAM	12	0	19.66	20.06	19.65	21.00
5	16QAM	12	7	19.32	19.69	19.45	21.00
5	16QAM	12	13	19.28	19.68	19.41	21.00
5	16QAM	25	0	19.22	19.70	19.49	21.00
5	64QAM	1	0	19.44	19.93	19.54	21.00
5	64QAM	1	12	19.60	19.90	19.58	21.00
5	64QAM	1	24	19.49	19.98	19.77	21.00
5	64QAM	12	0	18.38	18.80	18.49	20.00
5	64QAM	12	7	18.49	18.77	18.51	20.00
5	64QAM	12	13	18.30	18.65	18.44	20.00
5	64QAM	25	0	18.31	18.75	18.47	20.00
5	256QAM	1	0	16.63	16.86	16.53	18.00
5	256QAM	1	12	16.47	16.75	16.57	18.00
5	256QAM	1	24	16.40	16.75	16.52	18.00
5	256QAM	12	0	16.28	16.65	16.31	18.00
5	256QAM	12	7	16.34	16.81	16.50	18.00
5	256QAM	12	13	16.38	16.70	16.54	18.00
5	256QAM	25	0	16.44	16.70	16.42	18.00

【LTE Band 7_Ant 6_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	19.74	20.15	19.91	20.30
20	QPSK	1	49	19.70	20.05	19.82	20.30
20	QPSK	1	99	19.74	20.04	19.84	20.30
20	QPSK	50	0	19.82	20.10	19.93	20.30
20	QPSK	50	24	19.76	20.05	19.85	20.30
20	QPSK	50	50	19.79	20.05	19.92	20.30
20	QPSK	100	0	19.76	20.08	19.86	20.30
20	16QAM	1	0	19.74	20.04	19.91	20.30
20	16QAM	1	49	19.71	20.12	19.85	20.30
20	16QAM	1	99	19.77	20.14	19.88	20.30
20	16QAM	50	0	19.72	20.08	19.77	20.10
20	16QAM	50	24	19.40	19.79	19.55	20.10
20	16QAM	50	50	19.35	19.77	19.52	20.10
20	16QAM	100	0	19.36	19.80	19.54	20.10
20	64QAM	1	0	19.54	19.95	19.67	20.10
20	64QAM	1	49	19.62	19.95	19.61	20.10

20	64QAM	1	99	19.62	20.02	19.80	20.10
20	64QAM	50	0	18.42	18.82	18.57	19.10
20	64QAM	50	24	18.53	18.83	18.53	19.10
20	64QAM	50	50	18.45	18.76	18.52	19.10
20	64QAM	100	0	18.41	18.83	18.59	19.10
20	256QAM	1	0	16.67	16.96	16.67	17.10
20	256QAM	1	49	16.51	16.90	16.64	17.10
20	256QAM	1	99	16.48	16.85	16.56	17.10
20	256QAM	50	0	16.39	16.75	16.46	17.10
20	256QAM	50	24	16.45	16.84	16.62	17.10
20	256QAM	50	50	16.44	16.79	16.59	17.10
20	256QAM	100	0	16.48	16.79	16.49	17.10
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	19.67	20.10	19.85	20.30
15	QPSK	1	37	19.57	19.97	19.71	20.30
15	QPSK	1	74	19.63	19.96	19.80	20.30
15	QPSK	36	0	19.71	19.96	19.78	20.30
15	QPSK	36	20	19.74	19.95	19.77	20.30
15	QPSK	36	39	19.69	20.03	19.83	20.30
15	QPSK	75	0	19.71	20.06	19.73	20.30
15	16QAM	1	0	19.73	20.01	19.89	20.30
15	16QAM	1	37	19.66	20.05	19.75	20.30
15	16QAM	1	74	19.62	20.10	19.80	20.30
15	16QAM	36	0	19.65	20.00	19.68	20.10
15	16QAM	36	20	19.27	19.66	19.51	20.10
15	16QAM	36	39	19.23	19.73	19.41	20.10
15	16QAM	75	0	19.27	19.66	19.43	20.10
15	64QAM	1	0	19.50	19.83	19.56	20.10
15	64QAM	1	37	19.54	19.86	19.54	20.10
15	64QAM	1	74	19.56	19.92	19.77	20.10
15	64QAM	36	0	18.28	18.72	18.52	19.10
15	64QAM	36	20	18.51	18.73	18.41	19.10
15	64QAM	36	39	18.37	18.72	18.48	19.10
15	64QAM	75	0	18.32	18.79	18.45	19.10
15	256QAM	1	0	16.63	16.88	16.66	17.10
15	256QAM	1	37	16.40	16.85	16.53	17.10
15	256QAM	1	74	16.38	16.83	16.48	17.10
15	256QAM	36	0	16.29	16.61	16.37	17.10
15	256QAM	36	20	16.34	16.82	16.60	17.10
15	256QAM	36	39	16.42	16.75	16.56	17.10
15	256QAM	75	0	16.38	16.71	16.39	17.10
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	19.68	20.09	19.77	20.30
10	QPSK	1	25	19.57	19.97	19.81	20.30
10	QPSK	1	49	19.65	19.95	19.70	20.30
10	QPSK	25	0	19.73	19.97	19.91	20.30
10	QPSK	25	12	19.73	19.96	19.76	20.30
10	QPSK	25	25	19.72	19.95	19.87	20.30
10	QPSK	50	0	19.67	19.97	19.81	20.30
10	16QAM	1	0	19.67	19.99	19.80	20.30
10	16QAM	1	25	19.56	20.04	19.75	20.30
10	16QAM	1	49	19.63	20.07	19.79	20.30
10	16QAM	25	0	19.68	20.04	19.70	20.10
10	16QAM	25	12	19.30	19.71	19.43	20.10
10	16QAM	25	25	19.23	19.63	19.43	20.10
10	16QAM	50	0	19.23	19.67	19.44	20.10
10	64QAM	1	0	19.44	19.85	19.65	20.10
10	64QAM	1	25	19.55	19.81	19.48	20.10
10	64QAM	1	49	19.54	19.89	19.79	20.10
10	64QAM	25	0	18.39	18.69	18.43	19.10
10	64QAM	25	12	18.51	18.71	18.44	19.10
10	64QAM	25	25	18.33	18.75	18.41	19.10
10	64QAM	50	0	18.34	18.77	18.48	19.10
10	256QAM	1	0	16.58	16.83	16.55	17.10
10	256QAM	1	25	16.42	16.82	16.53	17.10
10	256QAM	1	49	16.43	16.78	16.46	17.10
10	256QAM	25	0	16.36	16.65	16.31	17.10
10	256QAM	25	12	16.41	16.76	16.51	17.10
10	256QAM	25	25	16.37	16.69	16.49	17.10
10	256QAM	50	0	16.43	16.74	16.46	17.10
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	19.73	20.06	19.87	20.30
5	QPSK	1	12	19.67	19.99	19.68	20.30
5	QPSK	1	24	19.62	19.90	19.77	20.30

5	QPSK	12	0	19.72	20.03	19.88	20.30
5	QPSK	12	7	19.68	20.00	19.82	20.30
5	QPSK	12	13	19.74	19.95	19.79	20.30
5	QPSK	25	0	19.71	19.97	19.73	20.30
5	16QAM	1	0	19.60	20.02	19.85	20.30
5	16QAM	1	12	19.66	20.00	19.70	20.30
5	16QAM	1	24	19.73	20.06	19.81	20.30
5	16QAM	12	0	19.66	20.06	19.65	20.10
5	16QAM	12	7	19.32	19.69	19.45	20.10
5	16QAM	12	13	19.28	19.68	19.41	20.10
5	16QAM	25	0	19.22	19.70	19.49	20.10
5	64QAM	1	0	19.44	19.93	19.54	20.10
5	64QAM	1	12	19.60	19.90	19.58	20.10
5	64QAM	1	24	19.49	19.98	19.77	20.10
5	64QAM	12	0	18.38	18.80	18.49	19.10
5	64QAM	12	7	18.49	18.77	18.51	19.10
5	64QAM	12	13	18.30	18.65	18.44	19.10
5	64QAM	25	0	18.31	18.75	18.47	19.10
5	256QAM	1	0	16.63	16.86	16.53	17.10
5	256QAM	1	12	16.47	16.75	16.57	17.10
5	256QAM	1	24	16.40	16.75	16.52	17.10
5	256QAM	12	0	16.28	16.65	16.31	17.10
5	256QAM	12	7	16.34	16.81	16.50	17.10
5	256QAM	12	13	16.38	16.70	16.54	17.10
5	256QAM	25	0	16.44	16.70	16.42	17.10

【LTE Band 7_Ant 6_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	20.57	20.88	20.68	21.20
20	QPSK	1	49	20.12	20.47	20.14	21.20
20	QPSK	1	99	20.14	20.51	20.20	21.20
20	QPSK	50	0	20.45	20.63	20.53	21.20
20	QPSK	50	24	20.25	20.63	20.32	21.20
20	QPSK	50	50	20.22	20.62	20.29	21.20
20	QPSK	100	0	20.23	20.59	20.34	21.20
20	16QAM	1	0	20.41	20.80	20.55	21.20
20	16QAM	1	49	20.32	20.72	20.43	21.20
20	16QAM	1	99	20.42	20.80	20.48	21.20
20	16QAM	50	0	19.72	20.08	19.77	20.20
20	16QAM	50	24	19.40	19.79	19.55	20.20
20	16QAM	50	50	19.35	19.77	19.52	20.20
20	16QAM	100	0	19.36	19.80	19.54	20.20
20	64QAM	1	0	19.54	19.95	19.67	20.20
20	64QAM	1	49	19.62	19.95	19.61	20.20
20	64QAM	1	99	19.62	20.02	19.80	20.20
20	64QAM	50	0	18.42	18.82	18.57	19.20
20	64QAM	50	24	18.53	18.83	18.53	19.20
20	64QAM	50	50	18.45	18.76	18.52	19.20
20	64QAM	100	0	18.41	18.83	18.59	19.20
20	256QAM	1	0	16.67	16.96	16.67	17.20
20	256QAM	1	49	16.51	16.90	16.64	17.20
20	256QAM	1	99	16.48	16.85	16.56	17.20
20	256QAM	50	0	16.39	16.75	16.46	17.20
20	256QAM	50	24	16.45	16.84	16.62	17.20
20	256QAM	50	50	16.44	16.79	16.59	17.20
20	256QAM	100	0	16.48	16.79	16.49	17.20
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	20.44	20.84	20.56	21.20
15	QPSK	1	37	20.03	20.39	20.02	21.20
15	QPSK	1	74	20.13	20.47	20.14	21.20
15	QPSK	36	0	20.12	20.54	20.30	21.20
15	QPSK	36	20	20.12	20.60	20.27	21.20
15	QPSK	36	39	20.15	20.56	20.16	21.20
15	QPSK	75	0	20.21	20.51	20.25	21.20
15	16QAM	1	0	20.38	20.68	20.52	21.20
15	16QAM	1	37	20.19	20.71	20.41	21.20
15	16QAM	1	74	20.37	20.74	20.39	21.20
15	16QAM	36	0	19.66	20.07	19.71	20.20

15	16QAM	36	20	19.27	19.66	19.51	20.20
15	16QAM	36	39	19.23	19.73	19.41	20.20
15	16QAM	75	0	19.27	19.66	19.43	20.20
15	64QAM	1	0	19.50	19.83	19.56	20.20
15	64QAM	1	37	19.54	19.86	19.54	20.20
15	64QAM	1	74	19.56	19.92	19.77	20.20
15	64QAM	36	0	18.28	18.72	18.52	19.20
15	64QAM	36	20	18.51	18.73	18.41	19.20
15	64QAM	36	39	18.37	18.72	18.48	19.20
15	64QAM	75	0	18.32	18.79	18.45	19.20
15	256QAM	1	0	16.63	16.88	16.66	17.20
15	256QAM	1	37	16.40	16.85	16.53	17.20
15	256QAM	1	74	16.38	16.83	16.48	17.20
15	256QAM	36	0	16.29	16.61	16.37	17.20
15	256QAM	36	20	16.34	16.82	16.60	17.20
15	256QAM	36	39	16.42	16.75	16.56	17.20
15	256QAM	75	0	16.38	16.71	16.39	17.20
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	20.52	20.77	20.60	21.20
10	QPSK	1	25	20.02	20.34	20.00	21.20
10	QPSK	1	49	20.12	20.37	20.09	21.20
10	QPSK	25	0	20.13	20.59	20.22	21.20
10	QPSK	25	12	20.19	20.52	20.27	21.20
10	QPSK	25	25	20.18	20.56	20.17	21.20
10	QPSK	50	0	20.12	20.56	20.32	21.20
10	16QAM	1	0	20.34	20.68	20.48	21.20
10	16QAM	1	25	20.24	20.67	20.30	21.20
10	16QAM	1	49	20.41	20.75	20.35	21.20
10	16QAM	25	0	19.68	20.04	19.70	20.20
10	16QAM	25	12	19.30	19.71	19.43	20.20
10	16QAM	25	25	19.23	19.63	19.43	20.20
10	16QAM	50	0	19.23	19.67	19.44	20.20
10	64QAM	1	0	19.44	19.85	19.65	20.20
10	64QAM	1	25	19.55	19.81	19.48	20.20
10	64QAM	1	49	19.54	19.89	19.79	20.20
10	64QAM	25	0	18.39	18.69	18.43	19.20
10	64QAM	25	12	18.51	18.71	18.44	19.20
10	64QAM	25	25	18.33	18.75	18.41	19.20
10	64QAM	50	0	18.34	18.77	18.48	19.20
10	256QAM	1	0	16.58	16.83	16.55	17.20
10	256QAM	1	25	16.42	16.82	16.53	17.20
10	256QAM	1	49	16.43	16.78	16.46	17.20
10	256QAM	25	0	16.36	16.65	16.31	17.20
10	256QAM	25	12	16.41	16.76	16.51	17.20
10	256QAM	25	25	16.37	16.69	16.49	17.20
10	256QAM	50	0	16.43	16.74	16.46	17.20
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	20.46	20.73	20.64	21.20
5	QPSK	1	12	20.09	20.42	20.01	21.20
5	QPSK	1	24	20.04	20.50	20.06	21.20
5	QPSK	12	0	20.10	20.53	20.29	21.20
5	QPSK	12	7	20.23	20.59	20.26	21.20
5	QPSK	12	13	20.08	20.61	20.23	21.20
5	QPSK	25	0	20.16	20.57	20.20	21.20
5	16QAM	1	0	20.40	20.79	20.53	21.20
5	16QAM	1	12	20.25	20.58	20.29	21.20
5	16QAM	1	24	20.36	20.67	20.35	21.20
5	16QAM	12	0	19.66	20.06	19.65	20.20
5	16QAM	12	7	19.32	19.69	19.45	20.20
5	16QAM	12	13	19.28	19.68	19.41	20.20
5	16QAM	25	0	19.22	19.70	19.49	20.20
5	64QAM	1	0	19.44	19.93	19.54	20.20
5	64QAM	1	12	19.60	19.90	19.58	20.20
5	64QAM	1	24	19.49	19.98	19.77	20.20
5	64QAM	12	0	18.38	18.80	18.49	19.20
5	64QAM	12	7	18.49	18.77	18.51	19.20
5	64QAM	12	13	18.30	18.65	18.44	19.20
5	64QAM	25	0	18.31	18.75	18.47	19.20
5	256QAM	1	0	16.63	16.86	16.53	17.20
5	256QAM	1	12	16.47	16.75	16.57	17.20
5	256QAM	1	24	16.40	16.75	16.52	17.20
5	256QAM	12	0	16.28	16.65	16.31	17.20
5	256QAM	12	7	16.34	16.81	16.50	17.20
5	256QAM	12	13	16.38	16.70	16.54	17.20
5	256QAM	25	0	16.44	16.70	16.42	17.20

[LTE Band 7_Ant 6_DSI 7]

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	18.01	18.06	18.05	19.00
20	QPSK	1	49	17.82	17.96	17.93	19.00
20	QPSK	1	99	17.87	18.03	17.90	19.00
20	QPSK	50	0	17.96	18.01	17.98	19.00
20	QPSK	50	24	17.81	17.92	17.86	19.00
20	QPSK	50	50	17.77	17.89	17.73	19.00
20	QPSK	100	0	17.78	17.97	17.93	19.00
20	16QAM	1	0	17.89	18.00	17.91	19.00
20	16QAM	1	49	17.86	18.00	17.95	19.00
20	16QAM	1	99	17.93	18.02	17.94	19.00
20	16QAM	50	0	17.85	17.93	17.78	19.00
20	16QAM	50	24	17.87	17.97	17.90	19.00
20	16QAM	50	50	17.81	17.96	17.89	19.00
20	16QAM	100	0	17.79	17.98	17.89	19.00
20	64QAM	1	0	17.74	17.89	17.81	19.00
20	64QAM	1	49	17.83	18.03	17.96	19.00
20	64QAM	1	99	17.77	17.88	17.73	19.00
20	64QAM	50	0	17.93	18.01	17.97	19.00
20	64QAM	50	24	17.75	17.88	17.77	19.00
20	64QAM	50	50	17.82	17.89	17.84	19.00
20	64QAM	100	0	17.80	17.89	17.83	19.00
20	256QAM	1	0	16.67	16.96	16.67	17.30
20	256QAM	1	49	16.51	16.90	16.64	17.30
20	256QAM	1	99	16.48	16.85	16.56	17.30
20	256QAM	50	0	16.39	16.75	16.46	17.30
20	256QAM	50	24	16.45	16.84	16.62	17.30
20	256QAM	50	50	16.44	16.79	16.59	17.30
20	256QAM	100	0	16.48	16.79	16.49	17.30
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	17.98	17.97	18.03	19.00
15	QPSK	1	37	17.80	17.92	17.79	19.00
15	QPSK	1	74	17.84	17.89	17.82	19.00
15	QPSK	36	0	17.94	17.91	17.84	19.00
15	QPSK	36	20	17.72	17.91	17.78	19.00
15	QPSK	36	39	17.70	17.84	17.70	19.00
15	QPSK	75	0	17.70	17.83	17.91	19.00
15	16QAM	1	0	17.78	17.90	17.85	19.00
15	16QAM	1	37	17.73	17.91	17.82	19.00
15	16QAM	1	74	17.80	18.01	17.85	19.00
15	16QAM	36	0	17.72	17.90	17.70	19.00
15	16QAM	36	20	17.77	17.94	17.75	19.00
15	16QAM	36	39	17.71	17.95	17.82	19.00
15	16QAM	75	0	17.71	17.89	17.76	19.00
15	64QAM	1	0	17.71	17.79	17.76	19.00
15	64QAM	1	37	17.72	17.93	17.92	19.00
15	64QAM	1	74	17.70	17.81	17.71	19.00
15	64QAM	36	0	17.79	17.94	17.91	19.00
15	64QAM	36	20	17.70	17.78	17.71	19.00
15	64QAM	36	39	17.74	17.76	17.82	19.00
15	64QAM	75	0	17.74	17.80	17.78	19.00
15	256QAM	1	0	16.54	16.90	16.62	17.30
15	256QAM	1	37	16.47	16.81	16.57	17.30
15	256QAM	1	74	16.36	16.81	16.51	17.30
15	256QAM	36	0	16.32	16.62	16.42	17.30
15	256QAM	36	20	16.39	16.80	16.56	17.30
15	256QAM	36	39	16.40	16.68	16.45	17.30
15	256QAM	75	0	16.35	16.69	16.46	17.30
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	17.90	17.93	18.04	19.00
10	QPSK	1	25	17.70	17.86	17.90	19.00
10	QPSK	1	49	17.79	17.97	17.84	19.00
10	QPSK	25	0	17.88	17.91	17.88	19.00
10	QPSK	25	12	17.77	17.85	17.84	19.00
10	QPSK	25	25	17.71	17.74	17.71	19.00

10	QPSK	50	0	17.70	17.90	17.79	19.00
10	16QAM	1	0	17.81	17.96	17.80	19.00
10	16QAM	1	25	17.80	17.90	17.94	19.00
10	16QAM	1	49	17.80	18.00	17.85	19.00
10	16QAM	25	0	17.71	17.82	17.70	19.00
10	16QAM	25	12	17.79	17.95	17.87	19.00
10	16QAM	25	25	17.70	17.87	17.79	19.00
10	16QAM	50	0	17.72	17.93	17.88	19.00
10	64QAM	1	0	17.70	17.86	17.77	19.00
10	64QAM	1	25	17.78	17.99	17.94	19.00
10	64QAM	1	49	17.70	17.74	17.70	19.00
10	64QAM	25	0	17.78	17.93	17.85	19.00
10	64QAM	25	12	17.71	17.80	17.70	19.00
10	64QAM	25	25	17.78	17.85	17.82	19.00
10	64QAM	50	0	17.70	17.75	17.78	19.00
10	256QAM	1	0	16.53	16.93	16.55	17.30
10	256QAM	1	25	16.46	16.82	16.49	17.30
10	256QAM	1	49	16.46	16.72	16.47	17.30
10	256QAM	25	0	16.32	16.66	16.36	17.30
10	256QAM	25	12	16.32	16.75	16.59	17.30
10	256QAM	25	25	16.30	16.75	16.56	17.30
10	256QAM	50	0	16.41	16.77	16.36	17.30
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	17.96	18.03	17.94	19.00
5	QPSK	1	12	17.71	17.95	17.89	19.00
5	QPSK	1	24	17.81	17.97	17.75	19.00
5	QPSK	12	0	17.87	17.90	17.88	19.00
5	QPSK	12	7	17.77	17.88	17.84	19.00
5	QPSK	12	13	17.70	17.83	17.70	19.00
5	QPSK	25	0	17.72	17.91	17.87	19.00
5	16QAM	1	0	17.81	17.86	17.87	19.00
5	16QAM	1	12	17.73	17.93	17.83	19.00
5	16QAM	1	24	17.83	17.92	17.89	19.00
5	16QAM	12	0	17.81	17.83	17.73	19.00
5	16QAM	12	7	17.72	17.96	17.80	19.00
5	16QAM	12	13	17.73	17.87	17.85	19.00
5	16QAM	25	0	17.70	17.96	17.81	19.00
5	64QAM	1	0	17.71	17.83	17.78	19.00
5	64QAM	1	12	17.72	17.94	17.90	19.00
5	64QAM	1	24	17.70	17.83	17.71	19.00
5	64QAM	12	0	17.86	17.92	17.88	19.00
5	64QAM	12	7	17.71	17.83	17.73	19.00
5	64QAM	12	13	17.72	17.82	17.83	19.00
5	64QAM	25	0	17.71	17.86	17.80	19.00
5	256QAM	1	0	16.60	16.88	16.57	17.30
5	256QAM	1	12	16.38	16.79	16.60	17.30
5	256QAM	1	24	16.33	16.74	16.43	17.30
5	256QAM	12	0	16.24	16.64	16.36	17.30
5	256QAM	12	7	16.37	16.78	16.61	17.30
5	256QAM	12	13	16.40	16.65	16.50	17.30
5	256QAM	25	0	16.42	16.73	16.40	17.30

【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	
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	22.97	23.18	23.07	24.00
10	QPSK	1	25	22.61	22.94	22.80	24.00
10	QPSK	1	49	22.61	22.87	22.62	24.00
10	QPSK	25	0	22.68	22.99	22.76	24.00
10	QPSK	25	12	22.59	22.93	22.74	24.00
10	QPSK	25	25	22.60	22.85	22.61	24.00
10	QPSK	50	0	22.69	22.92	22.69	24.00
10	16QAM	1	0	22.89	23.15	22.89	24.00
10	16QAM	1	25	22.70	23.02	22.88	24.00
10	16QAM	1	49	22.76	23.01	22.85	24.00
10	16QAM	25	0	22.24	22.50	22.26	24.00
10	16QAM	25	12	22.13	22.40	22.25	24.00
10	16QAM	25	25	22.06	22.36	22.17	24.00
10	16QAM	50	0	22.18	22.44	22.18	24.00

10	64QAM	1	0	22.58	22.87	22.62	24.00
10	64QAM	1	25	22.11	22.46	22.21	24.00
10	64QAM	1	49	22.24	22.48	22.30	24.00
10	64QAM	25	0	21.17	21.48	21.25	22.50
10	64QAM	25	12	21.26	21.47	21.33	22.50
10	64QAM	25	25	21.21	21.42	21.19	22.50
10	64QAM	50	0	21.23	21.44	21.27	22.50
10	256QAM	1	0	19.42	19.68	19.49	20.50
10	256QAM	1	25	19.16	19.45	19.31	20.50
10	256QAM	1	49	19.33	19.58	19.44	20.50
10	256QAM	25	0	19.28	19.54	19.33	20.50
10	256QAM	25	12	19.16	19.42	19.25	20.50
10	256QAM	25	25	19.07	19.35	19.13	20.50
10	256QAM	50	0	19.14	19.46	19.32	20.50
Channel				23035	23095	23115	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	22.89	23.06	22.95	24.00
5	QPSK	1	12	22.59	22.92	22.71	24.00
5	QPSK	1	24	22.58	22.73	22.54	24.00
5	QPSK	12	0	22.53	22.91	22.70	24.00
5	QPSK	12	7	22.52	22.83	22.61	24.00
5	QPSK	12	13	22.46	22.82	22.48	24.00
5	QPSK	25	0	22.61	22.81	22.66	24.00
5	16QAM	1	0	22.85	23.11	22.84	24.00
5	16QAM	1	12	22.67	22.89	22.77	24.00
5	16QAM	1	24	22.64	22.88	22.75	24.00
5	16QAM	12	0	22.12	22.46	22.24	24.00
5	16QAM	12	7	22.08	22.26	22.18	24.00
5	16QAM	12	13	22.00	22.26	22.10	24.00
5	16QAM	25	0	22.05	22.34	22.14	24.00
5	64QAM	1	0	22.51	22.85	22.51	24.00
5	64QAM	1	12	22.02	22.33	22.12	24.00
5	64QAM	1	24	22.14	22.34	22.26	24.00
5	64QAM	12	0	21.04	21.39	21.15	22.50
5	64QAM	12	7	21.15	21.45	21.27	22.50
5	64QAM	12	13	21.15	21.32	21.12	22.50
5	64QAM	25	0	21.18	21.35	21.13	22.50
5	256QAM	1	0	19.31	19.62	19.42	20.50
5	256QAM	1	12	19.04	19.39	19.17	20.50
5	256QAM	1	24	19.29	19.52	19.40	20.50
5	256QAM	12	0	19.24	19.41	19.25	20.50
5	256QAM	12	7	19.11	19.37	19.21	20.50
5	256QAM	12	13	19.00	19.23	19.11	20.50
5	256QAM	25	0	19.08	19.41	19.26	20.50
Channel				23025	23095	23165	Tune-up limit (dBm)
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	22.95	23.17	23.02	24.00
3	QPSK	1	8	22.47	22.81	22.79	24.00
3	QPSK	1	14	22.51	22.73	22.47	24.00
3	QPSK	8	0	22.66	22.85	22.68	24.00
3	QPSK	8	4	22.51	22.87	22.69	24.00
3	QPSK	8	7	22.55	22.76	22.57	24.00
3	QPSK	15	0	22.63	22.88	22.54	24.00
3	16QAM	1	0	22.77	23.08	22.86	24.00
3	16QAM	1	8	22.56	22.92	22.75	24.00
3	16QAM	1	14	22.74	23.00	22.81	24.00
3	16QAM	8	0	22.13	22.41	22.12	24.00
3	16QAM	8	4	22.00	22.29	22.11	24.00
3	16QAM	8	7	22.00	22.29	22.07	24.00
3	16QAM	15	0	22.15	22.43	22.06	24.00
3	64QAM	1	0	22.48	22.83	22.50	24.00
3	64QAM	1	8	22.04	22.43	22.18	24.00
3	64QAM	1	14	22.18	22.36	22.18	24.00
3	64QAM	8	0	21.15	21.46	21.18	22.50
3	64QAM	8	4	21.16	21.43	21.19	22.50
3	64QAM	8	7	21.08	21.29	21.13	22.50
3	64QAM	15	0	21.17	21.33	21.16	22.50
3	256QAM	1	0	19.40	19.55	19.34	20.50
3	256QAM	1	8	19.03	19.41	19.25	20.50
3	256QAM	1	14	19.26	19.55	19.37	20.50
3	256QAM	8	0	19.20	19.43	19.28	20.50
3	256QAM	8	4	19.04	19.38	19.11	20.50
3	256QAM	8	7	19.05	19.27	19.10	20.50
3	256QAM	15	0	19.07	19.45	19.25	20.50
Channel				23017	23095	23173	Tune-up limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	22.83	23.16	22.99	24.00

1.4	QPSK	1	3	22.49	22.89	22.72	24.00
1.4	QPSK	1	5	22.58	22.73	22.48	24.00
1.4	QPSK	3	0	22.64	22.95	22.69	24.00
1.4	QPSK	3	1	22.46	22.92	22.67	24.00
1.4	QPSK	3	3	22.54	22.77	22.53	24.00
1.4	QPSK	6	0	22.55	22.83	22.62	24.00
1.4	16QAM	1	0	22.77	23.02	22.80	24.00
1.4	16QAM	1	3	22.68	22.93	22.83	24.00
1.4	16QAM	1	5	22.71	22.91	22.76	24.00
1.4	16QAM	3	0	22.19	22.38	22.21	24.00
1.4	16QAM	3	1	22.00	22.29	22.23	24.00
1.4	16QAM	3	3	22.01	22.21	22.08	24.00
1.4	16QAM	6	0	22.11	22.35	22.07	24.00
1.4	64QAM	1	0	22.46	22.84	22.47	24.00
1.4	64QAM	1	3	22.00	22.39	22.11	24.00
1.4	64QAM	1	5	22.11	22.35	22.20	24.00
1.4	64QAM	3	0	21.14	21.46	21.11	22.50
1.4	64QAM	3	1	21.20	21.34	21.23	22.50
1.4	64QAM	3	3	21.20	21.32	21.14	22.50
1.4	64QAM	6	0	21.20	21.38	21.18	22.50
1.4	256QAM	1	0	19.34	19.55	19.37	20.50
1.4	256QAM	1	3	19.15	19.39	19.16	20.50
1.4	256QAM	1	5	19.22	19.57	19.32	20.50
1.4	256QAM	3	0	19.19	19.39	19.25	20.50
1.4	256QAM	3	1	19.05	19.29	19.14	20.50
1.4	256QAM	3	3	19.01	19.27	19.00	20.50
1.4	256QAM	6	0	19.07	19.42	19.22	20.50

【LTE Band 12_Ant 0_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23060	23095	23130	24.00
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	22.97	23.18	23.07	24.00
10	QPSK	1	25	22.61	22.94	22.80	24.00
10	QPSK	1	49	22.61	22.87	22.62	24.00
10	QPSK	25	0	22.68	22.99	22.76	24.00
10	QPSK	25	12	22.59	22.93	22.74	24.00
10	QPSK	25	25	22.60	22.85	22.61	24.00
10	QPSK	50	0	22.69	22.92	22.69	24.00
10	16QAM	1	0	22.89	23.15	22.89	24.00
10	16QAM	1	25	22.70	23.02	22.88	24.00
10	16QAM	1	49	22.76	23.01	22.85	24.00
10	16QAM	25	0	22.24	22.50	22.26	24.00
10	16QAM	25	12	22.13	22.40	22.25	24.00
10	16QAM	25	25	22.06	22.36	22.17	24.00
10	16QAM	50	0	22.18	22.44	22.18	24.00
10	64QAM	1	0	22.58	22.87	22.62	24.00
10	64QAM	1	25	22.11	22.46	22.21	24.00
10	64QAM	1	49	22.24	22.48	22.30	24.00
10	64QAM	25	0	21.17	21.48	21.25	22.50
10	64QAM	25	12	21.26	21.47	21.33	22.50
10	64QAM	25	25	21.21	21.42	21.19	22.50
10	64QAM	50	0	21.23	21.44	21.27	22.50
10	256QAM	1	0	19.42	19.68	19.49	20.50
10	256QAM	1	25	19.16	19.45	19.31	20.50
10	256QAM	1	49	19.33	19.58	19.44	20.50
10	256QAM	25	0	19.28	19.54	19.33	20.50
10	256QAM	25	12	19.16	19.42	19.25	20.50
10	256QAM	25	25	19.07	19.35	19.13	20.50
10	256QAM	50	0	19.14	19.46	19.32	20.50
Channel				23035	23095	23115	24.00
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	22.89	23.06	22.95	24.00
5	QPSK	1	12	22.59	22.92	22.71	24.00
5	QPSK	1	24	22.58	22.73	22.54	24.00
5	QPSK	12	0	22.53	22.91	22.70	24.00
5	QPSK	12	7	22.52	22.83	22.61	24.00
5	QPSK	12	13	22.46	22.82	22.48	24.00
5	QPSK	25	0	22.61	22.81	22.66	24.00
5	16QAM	1	0	22.85	23.11	22.84	24.00
5	16QAM	1	12	22.67	22.89	22.77	24.00

5	16QAM	1	24	22.64	22.88	22.75	24.00
5	16QAM	12	0	22.12	22.46	22.24	24.00
5	16QAM	12	7	22.08	22.26	22.18	24.00
5	16QAM	12	13	22.00	22.26	22.10	24.00
5	16QAM	25	0	22.05	22.34	22.14	24.00
5	64QAM	1	0	22.51	22.85	22.51	24.00
5	64QAM	1	12	22.02	22.33	22.12	24.00
5	64QAM	1	24	22.14	22.34	22.26	24.00
5	64QAM	12	0	21.04	21.39	21.15	22.50
5	64QAM	12	7	21.15	21.45	21.27	22.50
5	64QAM	12	13	21.15	21.32	21.12	22.50
5	64QAM	25	0	21.18	21.35	21.13	22.50
5	256QAM	1	0	19.31	19.62	19.42	20.50
5	256QAM	1	12	19.04	19.39	19.17	20.50
5	256QAM	1	24	19.29	19.52	19.40	20.50
5	256QAM	12	0	19.24	19.41	19.25	20.50
5	256QAM	12	7	19.11	19.37	19.21	20.50
5	256QAM	12	13	19.00	19.23	19.11	20.50
5	256QAM	25	0	19.08	19.41	19.26	20.50
Channel				23025	23095	23165	Tune-up limit (dBm)
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	22.95	23.17	23.02	24.00
3	QPSK	1	8	22.47	22.81	22.79	24.00
3	QPSK	1	14	22.51	22.73	22.47	24.00
3	QPSK	8	0	22.66	22.85	22.68	24.00
3	QPSK	8	4	22.51	22.87	22.69	24.00
3	QPSK	8	7	22.55	22.76	22.57	24.00
3	QPSK	15	0	22.63	22.88	22.54	24.00
3	16QAM	1	0	22.77	23.08	22.86	24.00
3	16QAM	1	8	22.56	22.92	22.75	24.00
3	16QAM	1	14	22.74	23.00	22.81	24.00
3	16QAM	8	0	22.13	22.41	22.12	24.00
3	16QAM	8	4	22.00	22.29	22.11	24.00
3	16QAM	8	7	22.00	22.29	22.07	24.00
3	16QAM	15	0	22.15	22.43	22.06	24.00
3	64QAM	1	0	22.48	22.83	22.50	24.00
3	64QAM	1	8	22.04	22.43	22.18	24.00
3	64QAM	1	14	22.18	22.36	22.18	24.00
3	64QAM	8	0	21.15	21.46	21.18	22.50
3	64QAM	8	4	21.16	21.43	21.19	22.50
3	64QAM	8	7	21.08	21.29	21.13	22.50
3	64QAM	15	0	21.17	21.33	21.16	22.50
3	256QAM	1	0	19.40	19.55	19.34	20.50
3	256QAM	1	8	19.03	19.41	19.25	20.50
3	256QAM	1	14	19.26	19.55	19.37	20.50
3	256QAM	8	0	19.20	19.43	19.28	20.50
3	256QAM	8	4	19.04	19.38	19.11	20.50
3	256QAM	8	7	19.05	19.27	19.10	20.50
3	256QAM	15	0	19.07	19.45	19.25	20.50
Channel				23017	23095	23173	Tune-up limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	22.83	23.16	22.99	24.00
1.4	QPSK	1	3	22.49	22.89	22.72	24.00
1.4	QPSK	1	5	22.58	22.73	22.48	24.00
1.4	QPSK	3	0	22.64	22.95	22.69	24.00
1.4	QPSK	3	1	22.46	22.92	22.67	24.00
1.4	QPSK	3	3	22.54	22.77	22.53	24.00
1.4	QPSK	6	0	22.55	22.83	22.62	24.00
1.4	16QAM	1	0	22.77	23.02	22.80	24.00
1.4	16QAM	1	3	22.68	22.93	22.83	24.00
1.4	16QAM	1	5	22.71	22.91	22.76	24.00
1.4	16QAM	3	0	22.19	22.38	22.21	24.00
1.4	16QAM	3	1	22.00	22.29	22.23	24.00
1.4	16QAM	3	3	22.01	22.21	22.08	24.00
1.4	16QAM	6	0	22.11	22.35	22.07	24.00
1.4	64QAM	1	0	22.46	22.84	22.47	24.00
1.4	64QAM	1	3	22.00	22.39	22.11	24.00
1.4	64QAM	1	5	22.11	22.35	22.20	24.00
1.4	64QAM	3	0	21.14	21.46	21.11	22.50
1.4	64QAM	3	1	21.20	21.34	21.23	22.50
1.4	64QAM	3	3	21.20	21.32	21.14	22.50
1.4	64QAM	6	0	21.20	21.38	21.18	22.50
1.4	256QAM	1	0	19.34	19.55	19.37	20.50
1.4	256QAM	1	3	19.15	19.39	19.16	20.50
1.4	256QAM	1	5	19.22	19.57	19.32	20.50
1.4	256QAM	3	0	19.19	19.39	19.25	20.50
1.4	256QAM	3	1	19.05	19.29	19.14	20.50

1.4	256QAM	3	3	19.01	19.27	19.00	20.50
1.4	256QAM	6	0	19.07	19.42	19.22	20.50

【LTE Band 12_Ant 0_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23060	23095	23130	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	22.97	23.18	23.07	24.00
10	QPSK	1	25	22.61	22.94	22.80	24.00
10	QPSK	1	49	22.61	22.87	22.62	24.00
10	QPSK	25	0	22.68	22.99	22.76	24.00
10	QPSK	25	12	22.59	22.93	22.74	24.00
10	QPSK	25	25	22.60	22.85	22.61	24.00
10	QPSK	50	0	22.69	22.92	22.69	24.00
10	16QAM	1	0	22.89	23.15	22.89	24.00
10	16QAM	1	25	22.70	23.02	22.88	24.00
10	16QAM	1	49	22.76	23.01	22.85	24.00
10	16QAM	25	0	22.24	22.50	22.26	24.00
10	16QAM	25	12	22.13	22.40	22.25	24.00
10	16QAM	25	25	22.06	22.36	22.17	24.00
10	16QAM	50	0	22.18	22.44	22.18	24.00
10	64QAM	1	0	22.58	22.87	22.62	24.00
10	64QAM	1	25	22.11	22.46	22.21	24.00
10	64QAM	1	49	22.24	22.48	22.30	24.00
10	64QAM	25	0	21.17	21.48	21.25	22.50
10	64QAM	25	12	21.26	21.47	21.33	22.50
10	64QAM	25	25	21.21	21.42	21.19	22.50
10	64QAM	50	0	21.23	21.44	21.27	22.50
10	256QAM	1	0	19.42	19.68	19.49	20.50
10	256QAM	1	25	19.16	19.45	19.31	20.50
10	256QAM	1	49	19.33	19.58	19.44	20.50
10	256QAM	25	0	19.28	19.54	19.33	20.50
10	256QAM	25	12	19.16	19.42	19.25	20.50
10	256QAM	25	25	19.07	19.35	19.13	20.50
10	256QAM	50	0	19.14	19.46	19.32	20.50
Channel				23035	23095	23115	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	22.89	23.06	22.95	24.00
5	QPSK	1	12	22.59	22.92	22.71	24.00
5	QPSK	1	24	22.58	22.73	22.54	24.00
5	QPSK	12	0	22.53	22.91	22.70	24.00
5	QPSK	12	7	22.52	22.83	22.61	24.00
5	QPSK	12	13	22.46	22.82	22.48	24.00
5	QPSK	25	0	22.61	22.81	22.66	24.00
5	16QAM	1	0	22.85	23.11	22.84	24.00
5	16QAM	1	12	22.67	22.89	22.77	24.00
5	16QAM	1	24	22.64	22.88	22.75	24.00
5	16QAM	12	0	22.12	22.46	22.24	24.00
5	16QAM	12	7	22.08	22.26	22.18	24.00
5	16QAM	12	13	22.00	22.26	22.10	24.00
5	16QAM	25	0	22.05	22.34	22.14	24.00
5	64QAM	1	0	22.51	22.85	22.51	24.00
5	64QAM	1	12	22.02	22.33	22.12	24.00
5	64QAM	1	24	22.14	22.34	22.26	24.00
5	64QAM	12	0	21.04	21.39	21.15	22.50
5	64QAM	12	7	21.15	21.45	21.27	22.50
5	64QAM	12	13	21.15	21.32	21.12	22.50
5	64QAM	25	0	21.18	21.35	21.13	22.50
5	256QAM	1	0	19.31	19.62	19.42	20.50
5	256QAM	1	12	19.04	19.39	19.17	20.50
5	256QAM	1	24	19.29	19.52	19.40	20.50
5	256QAM	12	0	19.24	19.41	19.25	20.50
5	256QAM	12	7	19.11	19.37	19.21	20.50
5	256QAM	12	13	19.00	19.23	19.11	20.50
5	256QAM	25	0	19.08	19.41	19.26	20.50
Channel				23025	23095	23165	Tune-up limit (dBm)
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	22.95	23.17	23.02	24.00
3	QPSK	1	8	22.47	22.81	22.79	24.00
3	QPSK	1	14	22.51	22.73	22.47	24.00
3	QPSK	8	0	22.66	22.85	22.68	24.00

3	QPSK	8	4	22.51	22.87	22.69	24.00
3	QPSK	8	7	22.55	22.76	22.57	24.00
3	QPSK	15	0	22.63	22.88	22.54	24.00
3	16QAM	1	0	22.77	23.08	22.86	24.00
3	16QAM	1	8	22.56	22.92	22.75	24.00
3	16QAM	1	14	22.74	23.00	22.81	24.00
3	16QAM	8	0	22.13	22.41	22.12	24.00
3	16QAM	8	4	22.00	22.29	22.11	24.00
3	16QAM	8	7	22.00	22.29	22.07	24.00
3	16QAM	15	0	22.15	22.43	22.06	24.00
3	64QAM	1	0	22.48	22.83	22.50	24.00
3	64QAM	1	8	22.04	22.43	22.18	24.00
3	64QAM	1	14	22.18	22.36	22.18	24.00
3	64QAM	8	0	21.15	21.46	21.18	22.50
3	64QAM	8	4	21.16	21.43	21.19	22.50
3	64QAM	8	7	21.08	21.29	21.13	22.50
3	64QAM	15	0	21.17	21.33	21.16	22.50
3	256QAM	1	0	19.40	19.55	19.34	20.50
3	256QAM	1	8	19.03	19.41	19.25	20.50
3	256QAM	1	14	19.26	19.55	19.37	20.50
3	256QAM	8	0	19.20	19.43	19.28	20.50
3	256QAM	8	4	19.04	19.38	19.11	20.50
3	256QAM	8	7	19.05	19.27	19.10	20.50
3	256QAM	15	0	19.07	19.45	19.25	20.50
Channel				23017	23095	23173	Tune-up limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	22.83	23.16	22.99	24.00
1.4	QPSK	1	3	22.49	22.89	22.72	24.00
1.4	QPSK	1	5	22.58	22.73	22.48	24.00
1.4	QPSK	3	0	22.64	22.95	22.69	24.00
1.4	QPSK	3	1	22.46	22.92	22.67	24.00
1.4	QPSK	3	3	22.54	22.77	22.53	24.00
1.4	QPSK	6	0	22.55	22.83	22.62	24.00
1.4	16QAM	1	0	22.77	23.02	22.80	24.00
1.4	16QAM	1	3	22.68	22.93	22.83	24.00
1.4	16QAM	1	5	22.71	22.91	22.76	24.00
1.4	16QAM	3	0	22.19	22.38	22.21	24.00
1.4	16QAM	3	1	22.00	22.29	22.23	24.00
1.4	16QAM	3	3	22.01	22.21	22.08	24.00
1.4	16QAM	6	0	22.11	22.35	22.07	24.00
1.4	64QAM	1	0	22.46	22.84	22.47	24.00
1.4	64QAM	1	3	22.00	22.39	22.11	24.00
1.4	64QAM	1	5	22.11	22.35	22.20	24.00
1.4	64QAM	3	0	21.14	21.46	21.11	22.50
1.4	64QAM	3	1	21.20	21.34	21.23	22.50
1.4	64QAM	3	3	21.20	21.32	21.14	22.50
1.4	64QAM	6	0	21.20	21.38	21.18	22.50
1.4	256QAM	1	0	19.34	19.55	19.37	20.50
1.4	256QAM	1	3	19.15	19.39	19.16	20.50
1.4	256QAM	1	5	19.22	19.57	19.32	20.50
1.4	256QAM	3	0	19.19	19.39	19.25	20.50
1.4	256QAM	3	1	19.05	19.29	19.14	20.50
1.4	256QAM	3	3	19.01	19.27	19.00	20.50
1.4	256QAM	6	0	19.07	19.42	19.22	20.50

【LTE Band 12_Ant 0_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23060	23095	23130	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	22.97	23.18	23.07	24.00
10	QPSK	1	25	22.61	22.94	22.80	24.00
10	QPSK	1	49	22.61	22.87	22.62	24.00
10	QPSK	25	0	22.68	22.99	22.76	24.00
10	QPSK	25	12	22.59	22.93	22.74	24.00
10	QPSK	25	25	22.60	22.85	22.61	24.00
10	QPSK	50	0	22.69	22.92	22.69	24.00
10	16QAM	1	0	22.89	23.15	22.89	24.00
10	16QAM	1	25	22.70	23.02	22.88	24.00
10	16QAM	1	49	22.76	23.01	22.85	24.00
10	16QAM	25	0	22.24	22.50	22.26	24.00
10	16QAM	25	12	22.13	22.40	22.25	24.00

10	16QAM	25	25	22.06	22.36	22.17	24.00
10	16QAM	50	0	22.18	22.44	22.18	24.00
10	64QAM	1	0	22.58	22.87	22.62	24.00
10	64QAM	1	25	22.11	22.46	22.21	24.00
10	64QAM	1	49	22.24	22.48	22.30	24.00
10	64QAM	25	0	21.17	21.48	21.25	22.50
10	64QAM	25	12	21.26	21.47	21.33	22.50
10	64QAM	25	25	21.21	21.42	21.19	22.50
10	64QAM	50	0	21.23	21.44	21.27	22.50
10	256QAM	1	0	19.42	19.68	19.49	20.50
10	256QAM	1	25	19.16	19.45	19.31	20.50
10	256QAM	1	49	19.33	19.58	19.44	20.50
10	256QAM	25	0	19.28	19.54	19.33	20.50
10	256QAM	25	12	19.16	19.42	19.25	20.50
10	256QAM	25	25	19.07	19.35	19.13	20.50
10	256QAM	50	0	19.14	19.46	19.32	20.50
Channel				23035	23095	23115	Tune-up limit
Frequency (MHz)				701.5	707.5	713.5	(dBm)
5	QPSK	1	0	22.89	23.06	22.95	24.00
5	QPSK	1	12	22.59	22.92	22.71	24.00
5	QPSK	1	24	22.58	22.73	22.54	24.00
5	QPSK	12	0	22.53	22.91	22.70	24.00
5	QPSK	12	7	22.52	22.83	22.61	24.00
5	QPSK	12	13	22.46	22.82	22.48	24.00
5	QPSK	25	0	22.61	22.81	22.66	24.00
5	16QAM	1	0	22.85	23.11	22.84	24.00
5	16QAM	1	12	22.67	22.89	22.77	24.00
5	16QAM	1	24	22.64	22.88	22.75	24.00
5	16QAM	12	0	22.12	22.46	22.24	24.00
5	16QAM	12	7	22.08	22.26	22.18	24.00
5	16QAM	12	13	22.00	22.26	22.10	24.00
5	16QAM	25	0	22.05	22.34	22.14	24.00
5	64QAM	1	0	22.51	22.85	22.51	24.00
5	64QAM	1	12	22.02	22.33	22.12	24.00
5	64QAM	1	24	22.14	22.34	22.26	24.00
5	64QAM	12	0	21.04	21.39	21.15	22.50
5	64QAM	12	7	21.15	21.45	21.27	22.50
5	64QAM	12	13	21.15	21.32	21.12	22.50
5	64QAM	25	0	21.18	21.35	21.13	22.50
5	256QAM	1	0	19.31	19.62	19.42	20.50
5	256QAM	1	12	19.04	19.39	19.17	20.50
5	256QAM	1	24	19.29	19.52	19.40	20.50
5	256QAM	12	0	19.24	19.41	19.25	20.50
5	256QAM	12	7	19.11	19.37	19.21	20.50
5	256QAM	12	13	19.00	19.23	19.11	20.50
5	256QAM	25	0	19.08	19.41	19.26	20.50
Channel				23025	23095	23165	Tune-up limit
Frequency (MHz)				700.5	707.5	714.5	(dBm)
3	QPSK	1	0	22.95	23.17	23.02	24.00
3	QPSK	1	8	22.47	22.81	22.79	24.00
3	QPSK	1	14	22.51	22.73	22.47	24.00
3	QPSK	8	0	22.66	22.85	22.68	24.00
3	QPSK	8	4	22.51	22.87	22.69	24.00
3	QPSK	8	7	22.55	22.76	22.57	24.00
3	QPSK	15	0	22.63	22.88	22.54	24.00
3	16QAM	1	0	22.77	23.08	22.86	24.00
3	16QAM	1	8	22.56	22.92	22.75	24.00
3	16QAM	1	14	22.74	23.00	22.81	24.00
3	16QAM	8	0	22.13	22.41	22.12	24.00
3	16QAM	8	4	22.00	22.29	22.11	24.00
3	16QAM	8	7	22.00	22.29	22.07	24.00
3	16QAM	15	0	22.15	22.43	22.06	24.00
3	64QAM	1	0	22.48	22.83	22.50	24.00
3	64QAM	1	8	22.04	22.43	22.18	24.00
3	64QAM	1	14	22.18	22.36	22.18	24.00
3	64QAM	8	0	21.15	21.46	21.18	22.50
3	64QAM	8	4	21.16	21.43	21.19	22.50
3	64QAM	8	7	21.08	21.29	21.13	22.50
3	64QAM	15	0	21.17	21.33	21.16	22.50
3	256QAM	1	0	19.40	19.55	19.34	20.50
3	256QAM	1	8	19.03	19.41	19.25	20.50
3	256QAM	1	14	19.26	19.55	19.37	20.50
3	256QAM	8	0	19.20	19.43	19.28	20.50
3	256QAM	8	4	19.04	19.38	19.11	20.50
3	256QAM	8	7	19.05	19.27	19.10	20.50
3	256QAM	15	0	19.07	19.45	19.25	20.50
Channel				23017	23095	23173	Tune-up limit

Frequency (MHz)				699.7	707.5	715.3	(dBm)
1.4	QPSK	1	0	22.83	23.16	22.99	24.00
1.4	QPSK	1	3	22.49	22.89	22.72	24.00
1.4	QPSK	1	5	22.58	22.73	22.48	24.00
1.4	QPSK	3	0	22.64	22.95	22.69	24.00
1.4	QPSK	3	1	22.46	22.92	22.67	24.00
1.4	QPSK	3	3	22.54	22.77	22.53	24.00
1.4	QPSK	6	0	22.55	22.83	22.62	24.00
1.4	16QAM	1	0	22.77	23.02	22.80	24.00
1.4	16QAM	1	3	22.68	22.93	22.83	24.00
1.4	16QAM	1	5	22.71	22.91	22.76	24.00
1.4	16QAM	3	0	22.19	22.38	22.21	24.00
1.4	16QAM	3	1	22.00	22.29	22.23	24.00
1.4	16QAM	3	3	22.01	22.21	22.08	24.00
1.4	16QAM	6	0	22.11	22.35	22.07	24.00
1.4	64QAM	1	0	22.46	22.84	22.47	24.00
1.4	64QAM	1	3	22.00	22.39	22.11	24.00
1.4	64QAM	1	5	22.11	22.35	22.20	24.00
1.4	64QAM	3	0	21.14	21.46	21.11	22.50
1.4	64QAM	3	1	21.20	21.34	21.23	22.50
1.4	64QAM	3	3	21.20	21.32	21.14	22.50
1.4	64QAM	6	0	21.20	21.38	21.18	22.50
1.4	256QAM	1	0	19.34	19.55	19.37	20.50
1.4	256QAM	1	3	19.15	19.39	19.16	20.50
1.4	256QAM	1	5	19.22	19.57	19.32	20.50
1.4	256QAM	3	0	19.19	19.39	19.25	20.50
1.4	256QAM	3	1	19.05	19.29	19.14	20.50
1.4	256QAM	3	3	19.01	19.27	19.00	20.50
1.4	256QAM	6	0	19.07	19.42	19.22	20.50

【LTE Band 12_Ant 0_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23060	23095	23130	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	22.97	23.18	23.07	24.00
10	QPSK	1	25	22.61	22.94	22.80	24.00
10	QPSK	1	49	22.61	22.87	22.62	24.00
10	QPSK	25	0	22.68	22.99	22.76	24.00
10	QPSK	25	12	22.59	22.93	22.74	24.00
10	QPSK	25	25	22.60	22.85	22.61	24.00
10	QPSK	50	0	22.69	22.92	22.69	24.00
10	16QAM	1	0	22.89	23.15	22.89	24.00
10	16QAM	1	25	22.70	23.02	22.88	24.00
10	16QAM	1	49	22.76	23.01	22.85	24.00
10	16QAM	25	0	22.24	22.50	22.26	24.00
10	16QAM	25	12	22.13	22.40	22.25	24.00
10	16QAM	25	25	22.06	22.36	22.17	24.00
10	16QAM	50	0	22.18	22.44	22.18	24.00
10	64QAM	1	0	22.58	22.87	22.62	24.00
10	64QAM	1	25	22.11	22.46	22.21	24.00
10	64QAM	1	49	22.24	22.48	22.30	24.00
10	64QAM	25	0	21.17	21.48	21.25	22.50
10	64QAM	25	12	21.26	21.47	21.33	22.50
10	64QAM	25	25	21.21	21.42	21.19	22.50
10	64QAM	50	0	21.23	21.44	21.27	22.50
10	256QAM	1	0	19.42	19.68	19.49	20.50
10	256QAM	1	25	19.16	19.45	19.31	20.50
10	256QAM	1	49	19.33	19.58	19.44	20.50
10	256QAM	25	0	19.28	19.54	19.33	20.50
10	256QAM	25	12	19.16	19.42	19.25	20.50
10	256QAM	25	25	19.07	19.35	19.13	20.50
10	256QAM	50	0	19.14	19.46	19.32	20.50
Channel				23035	23095	23115	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	22.89	23.06	22.95	24.00
5	QPSK	1	12	22.59	22.92	22.71	24.00
5	QPSK	1	24	22.58	22.73	22.54	24.00
5	QPSK	12	0	22.53	22.91	22.70	24.00
5	QPSK	12	7	22.52	22.83	22.61	24.00
5	QPSK	12	13	22.46	22.82	22.48	24.00
5	QPSK	25	0	22.61	22.81	22.66	24.00

5	16QAM	1	0	22.85	23.11	22.84	24.00
5	16QAM	1	12	22.67	22.89	22.77	24.00
5	16QAM	1	24	22.64	22.88	22.75	24.00
5	16QAM	12	0	22.12	22.46	22.24	24.00
5	16QAM	12	7	22.08	22.26	22.18	24.00
5	16QAM	12	13	22.00	22.26	22.10	24.00
5	16QAM	25	0	22.05	22.34	22.14	24.00
5	64QAM	1	0	22.51	22.85	22.51	24.00
5	64QAM	1	12	22.02	22.33	22.12	24.00
5	64QAM	1	24	22.14	22.34	22.26	24.00
5	64QAM	12	0	21.04	21.39	21.15	22.50
5	64QAM	12	7	21.15	21.45	21.27	22.50
5	64QAM	12	13	21.15	21.32	21.12	22.50
5	64QAM	25	0	21.18	21.35	21.13	22.50
5	256QAM	1	0	19.31	19.62	19.42	20.50
5	256QAM	1	12	19.04	19.39	19.17	20.50
5	256QAM	1	24	19.29	19.52	19.40	20.50
5	256QAM	12	0	19.24	19.41	19.25	20.50
5	256QAM	12	7	19.11	19.37	19.21	20.50
5	256QAM	12	13	19.00	19.23	19.11	20.50
5	256QAM	25	0	19.08	19.41	19.26	20.50
Channel				23025	23095	23165	Tune-up limit
Frequency (MHz)				700.5	707.5	714.5	(dBm)
3	QPSK	1	0	22.95	23.17	23.02	24.00
3	QPSK	1	8	22.47	22.81	22.79	24.00
3	QPSK	1	14	22.51	22.73	22.47	24.00
3	QPSK	8	0	22.66	22.85	22.68	24.00
3	QPSK	8	4	22.51	22.87	22.69	24.00
3	QPSK	8	7	22.55	22.76	22.57	24.00
3	QPSK	15	0	22.63	22.88	22.54	24.00
3	16QAM	1	0	22.77	23.08	22.86	24.00
3	16QAM	1	8	22.56	22.92	22.75	24.00
3	16QAM	1	14	22.74	23.00	22.81	24.00
3	16QAM	8	0	22.13	22.41	22.12	24.00
3	16QAM	8	4	22.00	22.29	22.11	24.00
3	16QAM	8	7	22.00	22.29	22.07	24.00
3	16QAM	15	0	22.15	22.43	22.06	24.00
3	64QAM	1	0	22.48	22.83	22.50	24.00
3	64QAM	1	8	22.04	22.43	22.18	24.00
3	64QAM	1	14	22.18	22.36	22.18	24.00
3	64QAM	8	0	21.15	21.46	21.18	22.50
3	64QAM	8	4	21.16	21.43	21.19	22.50
3	64QAM	8	7	21.08	21.29	21.13	22.50
3	64QAM	15	0	21.17	21.33	21.16	22.50
3	256QAM	1	0	19.40	19.55	19.34	20.50
3	256QAM	1	8	19.03	19.41	19.25	20.50
3	256QAM	1	14	19.26	19.55	19.37	20.50
3	256QAM	8	0	19.20	19.43	19.28	20.50
3	256QAM	8	4	19.04	19.38	19.11	20.50
3	256QAM	8	7	19.05	19.27	19.10	20.50
3	256QAM	15	0	19.07	19.45	19.25	20.50
Channel				23017	23095	23173	Tune-up limit
Frequency (MHz)				699.7	707.5	715.3	(dBm)
1.4	QPSK	1	0	22.83	23.16	22.99	24.00
1.4	QPSK	1	3	22.49	22.89	22.72	24.00
1.4	QPSK	1	5	22.58	22.73	22.48	24.00
1.4	QPSK	3	0	22.64	22.95	22.69	24.00
1.4	QPSK	3	1	22.46	22.92	22.67	24.00
1.4	QPSK	3	3	22.54	22.77	22.53	24.00
1.4	QPSK	6	0	22.55	22.83	22.62	24.00
1.4	16QAM	1	0	22.77	23.02	22.80	24.00
1.4	16QAM	1	3	22.68	22.93	22.83	24.00
1.4	16QAM	1	5	22.71	22.91	22.76	24.00
1.4	16QAM	3	0	22.19	22.38	22.21	24.00
1.4	16QAM	3	1	22.00	22.29	22.23	24.00
1.4	16QAM	3	3	22.01	22.21	22.08	24.00
1.4	16QAM	6	0	22.11	22.35	22.07	24.00
1.4	64QAM	1	0	22.46	22.84	22.47	24.00
1.4	64QAM	1	3	22.00	22.39	22.11	24.00
1.4	64QAM	1	5	22.11	22.35	22.20	24.00
1.4	64QAM	3	0	21.14	21.46	21.11	22.50
1.4	64QAM	3	1	21.20	21.34	21.23	22.50
1.4	64QAM	3	3	21.20	21.32	21.14	22.50
1.4	64QAM	6	0	21.20	21.38	21.18	22.50
1.4	256QAM	1	0	19.34	19.55	19.37	20.50
1.4	256QAM	1	3	19.15	19.39	19.16	20.50
1.4	256QAM	1	5	19.22	19.57	19.32	20.50

1.4	256QAM	3	0	19.19	19.39	19.25	20.50
1.4	256QAM	3	1	19.05	19.29	19.14	20.50
1.4	256QAM	3	3	19.01	19.27	19.00	20.50
1.4	256QAM	6	0	19.07	19.42	19.22	20.50

【LTE Band 12_Ant 0_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23060	23095	23130	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	22.97	23.18	23.07	24.00
10	QPSK	1	25	22.61	22.94	22.80	24.00
10	QPSK	1	49	22.61	22.87	22.62	24.00
10	QPSK	25	0	22.68	22.99	22.76	24.00
10	QPSK	25	12	22.59	22.93	22.74	24.00
10	QPSK	25	25	22.60	22.85	22.61	24.00
10	QPSK	50	0	22.69	22.92	22.69	24.00
10	16QAM	1	0	22.89	23.15	22.89	24.00
10	16QAM	1	25	22.70	23.02	22.88	24.00
10	16QAM	1	49	22.76	23.01	22.85	24.00
10	16QAM	25	0	22.24	22.50	22.26	24.00
10	16QAM	25	12	22.13	22.40	22.25	24.00
10	16QAM	25	25	22.06	22.36	22.17	24.00
10	16QAM	50	0	22.18	22.44	22.18	24.00
10	64QAM	1	0	22.58	22.87	22.62	24.00
10	64QAM	1	25	22.11	22.46	22.21	24.00
10	64QAM	1	49	22.24	22.48	22.30	24.00
10	64QAM	25	0	21.17	21.48	21.25	22.50
10	64QAM	25	12	21.26	21.47	21.33	22.50
10	64QAM	25	25	21.21	21.42	21.19	22.50
10	64QAM	50	0	21.23	21.44	21.27	22.50
10	256QAM	1	0	19.42	19.68	19.49	20.50
10	256QAM	1	25	19.16	19.45	19.31	20.50
10	256QAM	1	49	19.33	19.58	19.44	20.50
10	256QAM	25	0	19.28	19.54	19.33	20.50
10	256QAM	25	12	19.16	19.42	19.25	20.50
10	256QAM	25	25	19.07	19.35	19.13	20.50
10	256QAM	50	0	19.14	19.46	19.32	20.50
Channel				23035	23095	23115	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	22.89	23.06	22.95	24.00
5	QPSK	1	12	22.59	22.92	22.71	24.00
5	QPSK	1	24	22.58	22.73	22.54	24.00
5	QPSK	12	0	22.53	22.91	22.70	24.00
5	QPSK	12	7	22.52	22.83	22.61	24.00
5	QPSK	12	13	22.46	22.82	22.48	24.00
5	QPSK	25	0	22.61	22.81	22.66	24.00
5	16QAM	1	0	22.85	23.11	22.84	24.00
5	16QAM	1	12	22.67	22.89	22.77	24.00
5	16QAM	1	24	22.64	22.88	22.75	24.00
5	16QAM	12	0	22.12	22.46	22.24	24.00
5	16QAM	12	7	22.08	22.26	22.18	24.00
5	16QAM	12	13	22.00	22.26	22.10	24.00
5	16QAM	25	0	22.05	22.34	22.14	24.00
5	64QAM	1	0	22.51	22.85	22.51	24.00
5	64QAM	1	12	22.02	22.33	22.12	24.00
5	64QAM	1	24	22.14	22.34	22.26	24.00
5	64QAM	12	0	21.04	21.39	21.15	22.50
5	64QAM	12	7	21.15	21.45	21.27	22.50
5	64QAM	12	13	21.15	21.32	21.12	22.50
5	64QAM	25	0	21.18	21.35	21.13	22.50
5	256QAM	1	0	19.31	19.62	19.42	20.50
5	256QAM	1	12	19.04	19.39	19.17	20.50
5	256QAM	1	24	19.29	19.52	19.40	20.50
5	256QAM	12	0	19.24	19.41	19.25	20.50
5	256QAM	12	7	19.11	19.37	19.21	20.50
5	256QAM	12	13	19.00	19.23	19.11	20.50
5	256QAM	25	0	19.08	19.41	19.26	20.50
Channel				23025	23095	23165	Tune-up limit (dBm)
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	22.95	23.17	23.02	24.00
3	QPSK	1	8	22.47	22.81	22.79	24.00

3	QPSK	1	14	22.51	22.73	22.47	24.00
3	QPSK	8	0	22.66	22.85	22.68	24.00
3	QPSK	8	4	22.51	22.87	22.69	24.00
3	QPSK	8	7	22.55	22.76	22.57	24.00
3	QPSK	15	0	22.63	22.88	22.54	24.00
3	16QAM	1	0	22.77	23.08	22.86	24.00
3	16QAM	1	8	22.56	22.92	22.75	24.00
3	16QAM	1	14	22.74	23.00	22.81	24.00
3	16QAM	8	0	22.13	22.41	22.12	24.00
3	16QAM	8	4	22.00	22.29	22.11	24.00
3	16QAM	8	7	22.00	22.29	22.07	24.00
3	16QAM	15	0	22.15	22.43	22.06	24.00
3	64QAM	1	0	22.48	22.83	22.50	24.00
3	64QAM	1	8	22.04	22.43	22.18	24.00
3	64QAM	1	14	22.18	22.36	22.18	24.00
3	64QAM	8	0	21.15	21.46	21.18	22.50
3	64QAM	8	4	21.16	21.43	21.19	22.50
3	64QAM	8	7	21.08	21.29	21.13	22.50
3	64QAM	15	0	21.17	21.33	21.16	22.50
3	256QAM	1	0	19.40	19.55	19.34	20.50
3	256QAM	1	8	19.03	19.41	19.25	20.50
3	256QAM	1	14	19.26	19.55	19.37	20.50
3	256QAM	8	0	19.20	19.43	19.28	20.50
3	256QAM	8	4	19.04	19.38	19.11	20.50
3	256QAM	8	7	19.05	19.27	19.10	20.50
3	256QAM	15	0	19.07	19.45	19.25	20.50
Channel				23017	23095	23173	Tune-up limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	22.83	23.16	22.99	24.00
1.4	QPSK	1	3	22.49	22.89	22.72	24.00
1.4	QPSK	1	5	22.58	22.73	22.48	24.00
1.4	QPSK	3	0	22.64	22.95	22.69	24.00
1.4	QPSK	3	1	22.46	22.92	22.67	24.00
1.4	QPSK	3	3	22.54	22.77	22.53	24.00
1.4	QPSK	6	0	22.55	22.83	22.62	24.00
1.4	16QAM	1	0	22.77	23.02	22.80	24.00
1.4	16QAM	1	3	22.68	22.93	22.83	24.00
1.4	16QAM	1	5	22.71	22.91	22.76	24.00
1.4	16QAM	3	0	22.19	22.38	22.21	24.00
1.4	16QAM	3	1	22.00	22.29	22.23	24.00
1.4	16QAM	3	3	22.01	22.21	22.08	24.00
1.4	16QAM	6	0	22.11	22.35	22.07	24.00
1.4	64QAM	1	0	22.46	22.84	22.47	24.00
1.4	64QAM	1	3	22.00	22.39	22.11	24.00
1.4	64QAM	1	5	22.11	22.35	22.20	24.00
1.4	64QAM	3	0	21.14	21.46	21.11	22.50
1.4	64QAM	3	1	21.20	21.34	21.23	22.50
1.4	64QAM	3	3	21.20	21.32	21.14	22.50
1.4	64QAM	6	0	21.20	21.38	21.18	22.50
1.4	256QAM	1	0	19.34	19.55	19.37	20.50
1.4	256QAM	1	3	19.15	19.39	19.16	20.50
1.4	256QAM	1	5	19.22	19.57	19.32	20.50
1.4	256QAM	3	0	19.19	19.39	19.25	20.50
1.4	256QAM	3	1	19.05	19.29	19.14	20.50
1.4	256QAM	3	3	19.01	19.27	19.00	20.50
1.4	256QAM	6	0	19.07	19.42	19.22	20.50

【LTE Band 12_Ant 1_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23060	23095	23130	
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	23.44	23.35	23.39	24.00
10	QPSK	1	25	23.07	23.00	22.94	24.00
10	QPSK	1	49	23.03	23.00	22.97	24.00
10	QPSK	25	0	23.14	23.10	23.10	24.00
10	QPSK	25	12	23.05	23.03	22.94	24.00
10	QPSK	25	25	22.99	22.95	22.91	24.00
10	QPSK	50	0	22.94	22.91	22.91	23.50
10	16QAM	1	0	23.23	23.29	23.22	24.00
10	16QAM	1	25	23.37	23.31	23.24	24.00
10	16QAM	1	49	23.30	23.30	23.20	24.00

10	16QAM	25	0	22.67	22.60	22.59	23.00
10	16QAM	25	12	22.50	22.48	22.39	23.00
10	16QAM	25	25	22.61	22.54	22.47	23.00
10	16QAM	50	0	22.51	22.44	22.33	23.00
10	64QAM	1	0	23.04	23.08	23.06	24.00
10	64QAM	1	25	23.00	22.99	22.99	24.00
10	64QAM	1	49	22.64	22.68	22.64	24.00
10	64QAM	25	0	22.49	22.49	22.39	23.00
10	64QAM	25	12	22.60	22.54	22.47	23.00
10	64QAM	25	25	22.01	22.05	22.02	23.00
10	64QAM	50	0	22.66	22.62	22.55	23.00
10	256QAM	1	0	19.64	19.66	19.55	20.00
10	256QAM	1	25	19.74	19.69	19.71	20.00
10	256QAM	1	49	19.75	19.78	19.74	20.00
10	256QAM	25	0	19.62	19.58	19.58	20.00
10	256QAM	25	12	19.55	19.55	19.47	20.00
10	256QAM	25	25	19.52	19.52	19.48	20.00
10	256QAM	50	0	19.58	19.52	19.48	20.00
Channel				23035	23095	23115	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	23.37	23.34	23.31	24.00
5	QPSK	1	12	22.97	22.93	22.82	24.00
5	QPSK	1	24	23.01	22.98	22.84	24.00
5	QPSK	12	0	23.00	23.04	22.99	24.00
5	QPSK	12	7	23.01	22.95	22.91	24.00
5	QPSK	12	13	22.85	22.94	22.80	24.00
5	QPSK	25	0	22.80	22.82	22.85	23.50
5	16QAM	1	0	23.11	23.18	23.14	24.00
5	16QAM	1	12	23.26	23.17	23.13	24.00
5	16QAM	1	24	23.27	23.25	23.13	24.00
5	16QAM	12	0	22.57	22.55	22.49	23.00
5	16QAM	12	7	22.43	22.36	22.28	23.00
5	16QAM	12	13	22.51	22.41	22.35	23.00
5	16QAM	25	0	22.43	22.42	22.19	23.00
5	64QAM	1	0	22.96	23.01	22.96	24.00
5	64QAM	1	12	22.89	22.88	22.88	24.00
5	64QAM	1	24	22.62	22.65	22.56	24.00
5	64QAM	12	0	22.47	22.44	22.26	23.00
5	64QAM	12	7	22.52	22.45	22.38	23.00
5	64QAM	12	13	21.98	22.02	22.01	23.00
5	64QAM	25	0	22.56	22.50	22.45	23.00
5	256QAM	1	0	19.57	19.63	19.54	20.00
5	256QAM	1	12	19.63	19.62	19.58	20.00
5	256QAM	1	24	19.65	19.74	19.69	20.00
5	256QAM	12	0	19.59	19.55	19.55	20.00
5	256QAM	12	7	19.40	19.43	19.44	20.00
5	256QAM	12	13	19.50	19.50	19.34	20.00
5	256QAM	25	0	19.46	19.51	19.40	20.00
Channel				23025	23095	23165	Tune-up limit (dBm)
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	23.38	23.30	23.29	24.00
3	QPSK	1	8	23.00	22.87	22.81	24.00
3	QPSK	1	14	22.97	22.94	22.83	24.00
3	QPSK	8	0	23.05	22.97	23.06	24.00
3	QPSK	8	4	22.91	23.00	22.80	24.00
3	QPSK	8	7	22.90	22.80	22.87	24.00
3	QPSK	15	0	22.84	22.82	22.78	23.50
3	16QAM	1	0	23.16	23.15	23.15	24.00
3	16QAM	1	8	23.23	23.17	23.23	24.00
3	16QAM	1	14	23.23	23.20	23.10	24.00
3	16QAM	8	0	22.62	22.49	22.56	23.00
3	16QAM	8	4	22.38	22.39	22.29	23.00
3	16QAM	8	7	22.47	22.40	22.37	23.00
3	16QAM	15	0	22.40	22.31	22.29	23.00
3	64QAM	1	0	22.95	22.97	22.94	24.00
3	64QAM	1	8	22.92	22.93	22.94	24.00
3	64QAM	1	14	22.56	22.60	22.60	24.00
3	64QAM	8	0	22.35	22.37	22.26	23.00
3	64QAM	8	4	22.48	22.42	22.43	23.00
3	64QAM	8	7	21.89	21.99	22.00	23.00
3	64QAM	15	0	22.64	22.58	22.48	23.00
3	256QAM	1	0	19.52	19.65	19.45	20.00
3	256QAM	1	8	19.61	19.60	19.66	20.00
3	256QAM	1	14	19.69	19.71	19.60	20.00
3	256QAM	8	0	19.60	19.47	19.53	20.00
3	256QAM	8	4	19.50	19.49	19.45	20.00
3	256QAM	8	7	19.47	19.40	19.36	20.00

3	256QAM	15	0	19.52	19.43	19.46	20.00
Channel				23017	23095	23173	Tune-up limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	23.37	23.22	23.34	24.00
1.4	QPSK	1	3	22.93	22.92	22.81	24.00
1.4	QPSK	1	5	22.94	22.93	22.82	24.00
1.4	QPSK	3	0	23.10	23.05	23.09	24.00
1.4	QPSK	3	1	23.03	22.93	22.83	24.00
1.4	QPSK	3	3	22.89	22.82	22.88	24.00
1.4	QPSK	6	0	22.83	22.76	22.88	23.50
1.4	16QAM	1	0	23.20	23.24	23.19	24.00
1.4	16QAM	1	3	23.31	23.19	23.20	24.00
1.4	16QAM	1	5	23.26	23.29	23.19	24.00
1.4	16QAM	3	0	22.61	22.58	22.55	23.00
1.4	16QAM	3	1	22.35	22.43	22.26	23.00
1.4	16QAM	3	3	22.58	22.49	22.43	23.00
1.4	16QAM	6	0	22.41	22.41	22.22	23.00
1.4	64QAM	1	0	22.98	23.06	22.92	24.00
1.4	64QAM	1	3	22.91	22.97	22.94	24.00
1.4	64QAM	1	5	22.60	22.67	22.50	24.00
1.4	64QAM	3	0	22.41	22.38	22.30	23.00
1.4	64QAM	3	1	22.47	22.39	22.44	23.00
1.4	64QAM	3	3	22.00	21.92	21.95	23.00
1.4	64QAM	6	0	22.59	22.50	22.41	23.00
1.4	256QAM	1	0	19.53	19.63	19.48	20.00
1.4	256QAM	1	3	19.72	19.66	19.58	20.00
1.4	256QAM	1	5	19.72	19.77	19.65	20.00
1.4	256QAM	3	0	19.61	19.45	19.51	20.00
1.4	256QAM	3	1	19.48	19.52	19.37	20.00
1.4	256QAM	3	3	19.46	19.37	19.47	20.00
1.4	256QAM	6	0	19.56	19.46	19.44	20.00

【LTE Band 12_Ant 1_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23060	23095	23130	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	23.44	23.35	23.39	24.00
10	QPSK	1	25	23.07	23.00	22.94	24.00
10	QPSK	1	49	23.03	23.00	22.97	24.00
10	QPSK	25	0	23.14	23.10	23.10	24.00
10	QPSK	25	12	23.05	23.03	22.94	24.00
10	QPSK	25	25	22.99	22.95	22.91	24.00
10	QPSK	50	0	22.94	22.91	22.91	23.50
10	16QAM	1	0	23.23	23.29	23.22	24.00
10	16QAM	1	25	23.37	23.31	23.24	24.00
10	16QAM	1	49	23.30	23.30	23.20	24.00
10	16QAM	25	0	22.67	22.60	22.59	23.00
10	16QAM	25	12	22.50	22.48	22.39	23.00
10	16QAM	25	25	22.61	22.54	22.47	23.00
10	16QAM	50	0	22.51	22.44	22.33	23.00
10	64QAM	1	0	23.04	23.08	23.06	24.00
10	64QAM	1	25	23.00	22.99	22.99	24.00
10	64QAM	1	49	22.64	22.68	22.64	24.00
10	64QAM	25	0	22.49	22.49	22.39	23.00
10	64QAM	25	12	22.60	22.54	22.47	23.00
10	64QAM	25	25	22.01	22.05	22.02	23.00
10	64QAM	50	0	22.66	22.62	22.55	23.00
10	256QAM	1	0	19.64	19.66	19.55	20.00
10	256QAM	1	25	19.74	19.69	19.71	20.00
10	256QAM	1	49	19.75	19.78	19.74	20.00
10	256QAM	25	0	19.62	19.58	19.58	20.00
10	256QAM	25	12	19.55	19.55	19.47	20.00
10	256QAM	25	25	19.52	19.52	19.48	20.00
10	256QAM	50	0	19.58	19.52	19.48	20.00
Channel				23035	23095	23115	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	23.37	23.34	23.31	24.00
5	QPSK	1	12	22.97	22.93	22.82	24.00
5	QPSK	1	24	23.01	22.98	22.84	24.00
5	QPSK	12	0	23.00	23.04	22.99	24.00
5	QPSK	12	7	23.01	22.95	22.91	24.00

5	QPSK	12	13	22.85	22.94	22.80	24.00
5	QPSK	25	0	22.80	22.82	22.85	23.50
5	16QAM	1	0	23.11	23.18	23.14	24.00
5	16QAM	1	12	23.26	23.17	23.13	24.00
5	16QAM	1	24	23.27	23.25	23.13	24.00
5	16QAM	12	0	22.57	22.55	22.49	23.00
5	16QAM	12	7	22.43	22.36	22.28	23.00
5	16QAM	12	13	22.51	22.41	22.35	23.00
5	16QAM	25	0	22.43	22.42	22.19	23.00
5	64QAM	1	0	22.96	23.01	22.96	24.00
5	64QAM	1	12	22.89	22.88	22.88	24.00
5	64QAM	1	24	22.62	22.65	22.56	24.00
5	64QAM	12	0	22.47	22.44	22.26	23.00
5	64QAM	12	7	22.52	22.45	22.38	23.00
5	64QAM	12	13	21.98	22.02	22.01	23.00
5	64QAM	25	0	22.56	22.50	22.45	23.00
5	256QAM	1	0	19.57	19.63	19.54	20.00
5	256QAM	1	12	19.63	19.62	19.58	20.00
5	256QAM	1	24	19.65	19.74	19.69	20.00
5	256QAM	12	0	19.59	19.55	19.55	20.00
5	256QAM	12	7	19.40	19.43	19.44	20.00
5	256QAM	12	13	19.50	19.50	19.34	20.00
5	256QAM	25	0	19.46	19.51	19.40	20.00
Channel				23025	23095	23165	Tune-up limit
Frequency (MHz)				700.5	707.5	714.5	(dBm)
3	QPSK	1	0	23.38	23.30	23.29	24.00
3	QPSK	1	8	23.00	22.87	22.81	24.00
3	QPSK	1	14	22.97	22.94	22.83	24.00
3	QPSK	8	0	23.05	22.97	23.06	24.00
3	QPSK	8	4	22.91	23.00	22.80	24.00
3	QPSK	8	7	22.90	22.80	22.87	24.00
3	QPSK	15	0	22.84	22.82	22.78	23.50
3	16QAM	1	0	23.16	23.15	23.15	24.00
3	16QAM	1	8	23.23	23.17	23.23	24.00
3	16QAM	1	14	23.23	23.20	23.10	24.00
3	16QAM	8	0	22.62	22.49	22.56	23.00
3	16QAM	8	4	22.38	22.39	22.29	23.00
3	16QAM	8	7	22.47	22.40	22.37	23.00
3	16QAM	15	0	22.40	22.31	22.29	23.00
3	64QAM	1	0	22.95	22.97	22.94	24.00
3	64QAM	1	8	22.92	22.93	22.94	24.00
3	64QAM	1	14	22.56	22.60	22.60	24.00
3	64QAM	8	0	22.35	22.37	22.26	23.00
3	64QAM	8	4	22.48	22.42	22.43	23.00
3	64QAM	8	7	21.89	21.99	22.00	23.00
3	64QAM	15	0	22.64	22.58	22.48	23.00
3	256QAM	1	0	19.52	19.65	19.45	20.00
3	256QAM	1	8	19.61	19.60	19.66	20.00
3	256QAM	1	14	19.69	19.71	19.60	20.00
3	256QAM	8	0	19.60	19.47	19.53	20.00
3	256QAM	8	4	19.50	19.49	19.45	20.00
3	256QAM	8	7	19.47	19.40	19.36	20.00
3	256QAM	15	0	19.52	19.43	19.46	20.00
Channel				23017	23095	23173	Tune-up limit
Frequency (MHz)				699.7	707.5	715.3	(dBm)
1.4	QPSK	1	0	23.37	23.22	23.34	24.00
1.4	QPSK	1	3	22.93	22.92	22.81	24.00
1.4	QPSK	1	5	22.94	22.93	22.82	24.00
1.4	QPSK	3	0	23.10	23.05	23.09	24.00
1.4	QPSK	3	1	23.03	22.93	22.83	24.00
1.4	QPSK	3	3	22.89	22.82	22.88	24.00
1.4	QPSK	6	0	22.83	22.76	22.88	23.50
1.4	16QAM	1	0	23.20	23.24	23.19	24.00
1.4	16QAM	1	3	23.31	23.19	23.20	24.00
1.4	16QAM	1	5	23.26	23.29	23.19	24.00
1.4	16QAM	3	0	22.61	22.58	22.55	23.00
1.4	16QAM	3	1	22.35	22.43	22.26	23.00
1.4	16QAM	3	3	22.58	22.49	22.43	23.00
1.4	16QAM	6	0	22.41	22.41	22.22	23.00
1.4	64QAM	1	0	22.98	23.06	22.92	24.00
1.4	64QAM	1	3	22.91	22.97	22.94	24.00
1.4	64QAM	1	5	22.60	22.67	22.50	24.00
1.4	64QAM	3	0	22.41	22.38	22.30	23.00
1.4	64QAM	3	1	22.47	22.39	22.44	23.00
1.4	64QAM	3	3	22.00	21.92	21.95	23.00
1.4	64QAM	6	0	22.59	22.50	22.41	23.00
1.4	256QAM	1	0	19.53	19.63	19.48	20.00

1.4	256QAM	1	3	19.72	19.66	19.58	20.00
1.4	256QAM	1	5	19.72	19.77	19.65	20.00
1.4	256QAM	3	0	19.61	19.45	19.51	20.00
1.4	256QAM	3	1	19.48	19.52	19.37	20.00
1.4	256QAM	3	3	19.46	19.37	19.47	20.00
1.4	256QAM	6	0	19.56	19.46	19.44	20.00

【LTE Band 12_Ant 1_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23060	23095	23130	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	23.44	23.35	23.39	24.00
10	QPSK	1	25	23.07	23.00	22.94	24.00
10	QPSK	1	49	23.03	23.00	22.97	24.00
10	QPSK	25	0	23.14	23.10	23.10	24.00
10	QPSK	25	12	23.05	23.03	22.94	24.00
10	QPSK	25	25	22.99	22.95	22.91	24.00
10	QPSK	50	0	22.94	22.91	22.91	23.50
10	16QAM	1	0	23.23	23.29	23.22	24.00
10	16QAM	1	25	23.37	23.31	23.24	24.00
10	16QAM	1	49	23.30	23.30	23.20	24.00
10	16QAM	25	0	22.67	22.60	22.59	23.00
10	16QAM	25	12	22.50	22.48	22.39	23.00
10	16QAM	25	25	22.61	22.54	22.47	23.00
10	16QAM	50	0	22.51	22.44	22.33	23.00
10	64QAM	1	0	23.04	23.08	23.06	24.00
10	64QAM	1	25	23.00	22.99	22.99	24.00
10	64QAM	1	49	22.64	22.68	22.64	24.00
10	64QAM	25	0	22.49	22.49	22.39	23.00
10	64QAM	25	12	22.60	22.54	22.47	23.00
10	64QAM	25	25	22.01	22.05	22.02	23.00
10	64QAM	50	0	22.66	22.62	22.55	23.00
10	256QAM	1	0	19.64	19.66	19.55	20.00
10	256QAM	1	25	19.74	19.69	19.71	20.00
10	256QAM	1	49	19.75	19.78	19.74	20.00
10	256QAM	25	0	19.62	19.58	19.58	20.00
10	256QAM	25	12	19.55	19.55	19.47	20.00
10	256QAM	25	25	19.52	19.52	19.48	20.00
10	256QAM	50	0	19.58	19.52	19.48	20.00
Channel				23035	23095	23115	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	23.37	23.34	23.31	24.00
5	QPSK	1	12	22.97	22.93	22.82	24.00
5	QPSK	1	24	23.01	22.98	22.84	24.00
5	QPSK	12	0	23.00	23.04	22.99	24.00
5	QPSK	12	7	23.01	22.95	22.91	24.00
5	QPSK	12	13	22.85	22.94	22.80	24.00
5	QPSK	25	0	22.80	22.82	22.85	23.50
5	16QAM	1	0	23.11	23.18	23.14	24.00
5	16QAM	1	12	23.26	23.17	23.13	24.00
5	16QAM	1	24	23.27	23.25	23.13	24.00
5	16QAM	12	0	22.57	22.55	22.49	23.00
5	16QAM	12	7	22.43	22.36	22.28	23.00
5	16QAM	12	13	22.51	22.41	22.35	23.00
5	16QAM	25	0	22.43	22.42	22.19	23.00
5	64QAM	1	0	22.96	23.01	22.96	24.00
5	64QAM	1	12	22.89	22.88	22.88	24.00
5	64QAM	1	24	22.62	22.65	22.56	24.00
5	64QAM	12	0	22.47	22.44	22.26	23.00
5	64QAM	12	7	22.52	22.45	22.38	23.00
5	64QAM	12	13	21.98	22.02	22.01	23.00
5	64QAM	25	0	22.56	22.50	22.45	23.00
5	256QAM	1	0	19.57	19.63	19.54	20.00
5	256QAM	1	12	19.63	19.62	19.58	20.00
5	256QAM	1	24	19.65	19.74	19.69	20.00
5	256QAM	12	0	19.59	19.55	19.55	20.00
5	256QAM	12	7	19.40	19.43	19.44	20.00
5	256QAM	12	13	19.50	19.50	19.34	20.00
5	256QAM	25	0	19.46	19.51	19.40	20.00
Channel				23025	23095	23165	Tune-up limit (dBm)
Frequency (MHz)				700.5	707.5	714.5	

3	QPSK	1	0	23.38	23.30	23.29	24.00
3	QPSK	1	8	23.00	22.87	22.81	24.00
3	QPSK	1	14	22.97	22.94	22.83	24.00
3	QPSK	8	0	23.05	22.97	23.06	24.00
3	QPSK	8	4	22.91	23.00	22.80	24.00
3	QPSK	8	7	22.90	22.80	22.87	24.00
3	QPSK	15	0	22.84	22.82	22.78	23.50
3	16QAM	1	0	23.16	23.15	23.15	24.00
3	16QAM	1	8	23.23	23.17	23.23	24.00
3	16QAM	1	14	23.23	23.20	23.10	24.00
3	16QAM	8	0	22.62	22.49	22.56	23.00
3	16QAM	8	4	22.38	22.39	22.29	23.00
3	16QAM	8	7	22.47	22.40	22.37	23.00
3	16QAM	15	0	22.40	22.31	22.29	23.00
3	64QAM	1	0	22.95	22.97	22.94	24.00
3	64QAM	1	8	22.92	22.93	22.94	24.00
3	64QAM	1	14	22.56	22.60	22.60	24.00
3	64QAM	8	0	22.35	22.37	22.26	23.00
3	64QAM	8	4	22.48	22.42	22.43	23.00
3	64QAM	8	7	21.89	21.99	22.00	23.00
3	64QAM	15	0	22.64	22.58	22.48	23.00
3	256QAM	1	0	19.52	19.65	19.45	20.00
3	256QAM	1	8	19.61	19.60	19.66	20.00
3	256QAM	1	14	19.69	19.71	19.60	20.00
3	256QAM	8	0	19.60	19.47	19.53	20.00
3	256QAM	8	4	19.50	19.49	19.45	20.00
3	256QAM	8	7	19.47	19.40	19.36	20.00
3	256QAM	15	0	19.52	19.43	19.46	20.00
Channel				23017	23095	23173	Tune-up limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	23.37	23.22	23.34	24.00
1.4	QPSK	1	3	22.93	22.92	22.81	24.00
1.4	QPSK	1	5	22.94	22.93	22.82	24.00
1.4	QPSK	3	0	23.10	23.05	23.09	24.00
1.4	QPSK	3	1	23.03	22.93	22.83	24.00
1.4	QPSK	3	3	22.89	22.82	22.88	24.00
1.4	QPSK	6	0	22.83	22.76	22.88	23.50
1.4	16QAM	1	0	23.20	23.24	23.19	24.00
1.4	16QAM	1	3	23.31	23.19	23.20	24.00
1.4	16QAM	1	5	23.26	23.29	23.19	24.00
1.4	16QAM	3	0	22.61	22.58	22.55	23.00
1.4	16QAM	3	1	22.35	22.43	22.26	23.00
1.4	16QAM	3	3	22.58	22.49	22.43	23.00
1.4	16QAM	6	0	22.41	22.41	22.22	23.00
1.4	64QAM	1	0	22.98	23.06	22.92	24.00
1.4	64QAM	1	3	22.91	22.97	22.94	24.00
1.4	64QAM	1	5	22.60	22.67	22.50	24.00
1.4	64QAM	3	0	22.41	22.38	22.30	23.00
1.4	64QAM	3	1	22.47	22.39	22.44	23.00
1.4	64QAM	3	3	22.00	21.92	21.95	23.00
1.4	64QAM	6	0	22.59	22.50	22.41	23.00
1.4	256QAM	1	0	19.53	19.63	19.48	20.00
1.4	256QAM	1	3	19.72	19.66	19.58	20.00
1.4	256QAM	1	5	19.72	19.77	19.65	20.00
1.4	256QAM	3	0	19.61	19.45	19.51	20.00
1.4	256QAM	3	1	19.48	19.52	19.37	20.00
1.4	256QAM	3	3	19.46	19.37	19.47	20.00
1.4	256QAM	6	0	19.56	19.46	19.44	20.00

【LTE Band 12_Ant 1_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23060	23095	23130	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	23.44	23.35	23.39	24.00
10	QPSK	1	25	23.07	23.00	22.94	24.00
10	QPSK	1	49	23.03	23.00	22.97	24.00
10	QPSK	25	0	23.14	23.10	23.10	24.00
10	QPSK	25	12	23.05	23.03	22.94	24.00
10	QPSK	25	25	22.99	22.95	22.91	24.00
10	QPSK	50	0	22.94	22.91	22.91	23.50
10	16QAM	1	0	23.23	23.29	23.22	24.00

10	16QAM	1	25	23.37	23.31	23.24	24.00
10	16QAM	1	49	23.30	23.30	23.20	24.00
10	16QAM	25	0	22.67	22.60	22.59	23.00
10	16QAM	25	12	22.50	22.48	22.39	23.00
10	16QAM	25	25	22.61	22.54	22.47	23.00
10	16QAM	50	0	22.51	22.44	22.33	23.00
10	64QAM	1	0	23.04	23.08	23.06	24.00
10	64QAM	1	25	23.00	22.99	22.99	24.00
10	64QAM	1	49	22.64	22.68	22.64	24.00
10	64QAM	25	0	22.49	22.49	22.39	23.00
10	64QAM	25	12	22.60	22.54	22.47	23.00
10	64QAM	25	25	22.01	22.05	22.02	23.00
10	64QAM	50	0	22.66	22.62	22.55	23.00
10	256QAM	1	0	19.64	19.66	19.55	20.00
10	256QAM	1	25	19.74	19.69	19.71	20.00
10	256QAM	1	49	19.75	19.78	19.74	20.00
10	256QAM	25	0	19.62	19.58	19.58	20.00
10	256QAM	25	12	19.55	19.55	19.47	20.00
10	256QAM	25	25	19.52	19.52	19.48	20.00
10	256QAM	50	0	19.58	19.52	19.48	20.00
Channel				23035	23095	23115	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	23.37	23.34	23.31	24.00
5	QPSK	1	12	22.97	22.93	22.82	24.00
5	QPSK	1	24	23.01	22.98	22.84	24.00
5	QPSK	12	0	23.00	23.04	22.99	24.00
5	QPSK	12	7	23.01	22.95	22.91	24.00
5	QPSK	12	13	22.85	22.94	22.80	24.00
5	QPSK	25	0	22.80	22.82	22.85	23.50
5	16QAM	1	0	23.11	23.18	23.14	24.00
5	16QAM	1	12	23.26	23.17	23.13	24.00
5	16QAM	1	24	23.27	23.25	23.13	24.00
5	16QAM	12	0	22.57	22.55	22.49	23.00
5	16QAM	12	7	22.43	22.36	22.28	23.00
5	16QAM	12	13	22.51	22.41	22.35	23.00
5	16QAM	25	0	22.43	22.42	22.19	23.00
5	64QAM	1	0	22.96	23.01	22.96	24.00
5	64QAM	1	12	22.89	22.88	22.88	24.00
5	64QAM	1	24	22.62	22.65	22.56	24.00
5	64QAM	12	0	22.47	22.44	22.26	23.00
5	64QAM	12	7	22.52	22.45	22.38	23.00
5	64QAM	12	13	21.98	22.02	22.01	23.00
5	64QAM	25	0	22.56	22.50	22.45	23.00
5	256QAM	1	0	19.57	19.63	19.54	20.00
5	256QAM	1	12	19.63	19.62	19.58	20.00
5	256QAM	1	24	19.65	19.74	19.69	20.00
5	256QAM	12	0	19.59	19.55	19.55	20.00
5	256QAM	12	7	19.40	19.43	19.44	20.00
5	256QAM	12	13	19.50	19.50	19.34	20.00
5	256QAM	25	0	19.46	19.51	19.40	20.00
Channel				23025	23095	23165	Tune-up limit (dBm)
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	23.38	23.30	23.29	24.00
3	QPSK	1	8	23.00	22.87	22.81	24.00
3	QPSK	1	14	22.97	22.94	22.83	24.00
3	QPSK	8	0	23.05	22.97	23.06	24.00
3	QPSK	8	4	22.91	23.00	22.80	24.00
3	QPSK	8	7	22.90	22.80	22.87	24.00
3	QPSK	15	0	22.84	22.82	22.78	23.50
3	16QAM	1	0	23.16	23.15	23.15	24.00
3	16QAM	1	8	23.23	23.17	23.23	24.00
3	16QAM	1	14	23.23	23.20	23.10	24.00
3	16QAM	8	0	22.62	22.49	22.56	23.00
3	16QAM	8	4	22.38	22.39	22.29	23.00
3	16QAM	8	7	22.47	22.40	22.37	23.00
3	16QAM	15	0	22.40	22.31	22.29	23.00
3	64QAM	1	0	22.95	22.97	22.94	24.00
3	64QAM	1	8	22.92	22.93	22.94	24.00
3	64QAM	1	14	22.56	22.60	22.60	24.00
3	64QAM	8	0	22.35	22.37	22.26	23.00
3	64QAM	8	4	22.48	22.42	22.43	23.00
3	64QAM	8	7	21.89	21.99	22.00	23.00
3	64QAM	15	0	22.64	22.58	22.48	23.00
3	256QAM	1	0	19.52	19.65	19.45	20.00
3	256QAM	1	8	19.61	19.60	19.66	20.00
3	256QAM	1	14	19.69	19.71	19.60	20.00
3	256QAM	8	0	19.60	19.47	19.53	20.00

3	256QAM	8	4	19.50	19.49	19.45	20.00
3	256QAM	8	7	19.47	19.40	19.36	20.00
3	256QAM	15	0	19.52	19.43	19.46	20.00
Channel				23017	23095	23173	Tune-up limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	23.37	23.22	23.34	24.00
1.4	QPSK	1	3	22.93	22.92	22.81	24.00
1.4	QPSK	1	5	22.94	22.93	22.82	24.00
1.4	QPSK	3	0	23.10	23.05	23.09	24.00
1.4	QPSK	3	1	23.03	22.93	22.83	24.00
1.4	QPSK	3	3	22.89	22.82	22.88	24.00
1.4	QPSK	6	0	22.83	22.76	22.88	23.50
1.4	16QAM	1	0	23.20	23.24	23.19	24.00
1.4	16QAM	1	3	23.31	23.19	23.20	24.00
1.4	16QAM	1	5	23.26	23.29	23.19	24.00
1.4	16QAM	3	0	22.61	22.58	22.55	23.00
1.4	16QAM	3	1	22.35	22.43	22.26	23.00
1.4	16QAM	3	3	22.58	22.49	22.43	23.00
1.4	16QAM	6	0	22.41	22.41	22.22	23.00
1.4	64QAM	1	0	22.98	23.06	22.92	24.00
1.4	64QAM	1	3	22.91	22.97	22.94	24.00
1.4	64QAM	1	5	22.60	22.67	22.50	24.00
1.4	64QAM	3	0	22.41	22.38	22.30	23.00
1.4	64QAM	3	1	22.47	22.39	22.44	23.00
1.4	64QAM	3	3	22.00	21.92	21.95	23.00
1.4	64QAM	6	0	22.59	22.50	22.41	23.00
1.4	256QAM	1	0	19.53	19.63	19.48	20.00
1.4	256QAM	1	3	19.72	19.66	19.58	20.00
1.4	256QAM	1	5	19.72	19.77	19.65	20.00
1.4	256QAM	3	0	19.61	19.45	19.51	20.00
1.4	256QAM	3	1	19.48	19.52	19.37	20.00
1.4	256QAM	3	3	19.46	19.37	19.47	20.00
1.4	256QAM	6	0	19.56	19.46	19.44	20.00

【LTE Band 12_Ant 1_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23060	23095	23130	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	23.44	23.35	23.39	24.00
10	QPSK	1	25	23.07	23.00	22.94	24.00
10	QPSK	1	49	23.03	23.00	22.97	24.00
10	QPSK	25	0	23.14	23.10	23.10	24.00
10	QPSK	25	12	23.05	23.03	22.94	24.00
10	QPSK	25	25	22.99	22.95	22.91	24.00
10	QPSK	50	0	22.94	22.91	22.91	23.50
10	16QAM	1	0	23.23	23.29	23.22	24.00
10	16QAM	1	25	23.37	23.31	23.24	24.00
10	16QAM	1	49	23.30	23.30	23.20	24.00
10	16QAM	25	0	22.67	22.60	22.59	23.00
10	16QAM	25	12	22.50	22.48	22.39	23.00
10	16QAM	25	25	22.61	22.54	22.47	23.00
10	16QAM	50	0	22.51	22.44	22.33	23.00
10	64QAM	1	0	23.04	23.08	23.06	24.00
10	64QAM	1	25	23.00	22.99	22.99	24.00
10	64QAM	1	49	22.64	22.68	22.64	24.00
10	64QAM	25	0	22.49	22.49	22.39	23.00
10	64QAM	25	12	22.60	22.54	22.47	23.00
10	64QAM	25	25	22.01	22.05	22.02	23.00
10	64QAM	50	0	22.66	22.62	22.55	23.00
10	256QAM	1	0	19.64	19.66	19.55	20.00
10	256QAM	1	25	19.74	19.69	19.71	20.00
10	256QAM	1	49	19.75	19.78	19.74	20.00
10	256QAM	25	0	19.62	19.58	19.58	20.00
10	256QAM	25	12	19.55	19.55	19.47	20.00
10	256QAM	25	25	19.52	19.52	19.48	20.00
10	256QAM	50	0	19.58	19.52	19.48	20.00
Channel				23035	23095	23115	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	23.37	23.34	23.31	24.00
5	QPSK	1	12	22.97	22.93	22.82	24.00
5	QPSK	1	24	23.01	22.98	22.84	24.00

5	QPSK	12	0	23.00	23.04	22.99	24.00
5	QPSK	12	7	23.01	22.95	22.91	24.00
5	QPSK	12	13	22.85	22.94	22.80	24.00
5	QPSK	25	0	22.80	22.82	22.85	23.50
5	16QAM	1	0	23.11	23.18	23.14	24.00
5	16QAM	1	12	23.26	23.17	23.13	24.00
5	16QAM	1	24	23.27	23.25	23.13	24.00
5	16QAM	12	0	22.57	22.55	22.49	23.00
5	16QAM	12	7	22.43	22.36	22.28	23.00
5	16QAM	12	13	22.51	22.41	22.35	23.00
5	16QAM	25	0	22.43	22.42	22.19	23.00
5	64QAM	1	0	22.96	23.01	22.96	24.00
5	64QAM	1	12	22.89	22.88	22.88	24.00
5	64QAM	1	24	22.62	22.65	22.56	24.00
5	64QAM	12	0	22.47	22.44	22.26	23.00
5	64QAM	12	7	22.52	22.45	22.38	23.00
5	64QAM	12	13	21.98	22.02	22.01	23.00
5	64QAM	25	0	22.56	22.50	22.45	23.00
5	256QAM	1	0	19.57	19.63	19.54	20.00
5	256QAM	1	12	19.63	19.62	19.58	20.00
5	256QAM	1	24	19.65	19.74	19.69	20.00
5	256QAM	12	0	19.59	19.55	19.55	20.00
5	256QAM	12	7	19.40	19.43	19.44	20.00
5	256QAM	12	13	19.50	19.50	19.34	20.00
5	256QAM	25	0	19.46	19.51	19.40	20.00
Channel				23025	23095	23165	Tune-up limit (dBm)
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	23.38	23.30	23.29	24.00
3	QPSK	1	8	23.00	22.87	22.81	24.00
3	QPSK	1	14	22.97	22.94	22.83	24.00
3	QPSK	8	0	23.05	22.97	23.06	24.00
3	QPSK	8	4	22.91	23.00	22.80	24.00
3	QPSK	8	7	22.90	22.80	22.87	24.00
3	QPSK	15	0	22.84	22.82	22.78	23.50
3	16QAM	1	0	23.16	23.15	23.15	24.00
3	16QAM	1	8	23.23	23.17	23.23	24.00
3	16QAM	1	14	23.23	23.20	23.10	24.00
3	16QAM	8	0	22.62	22.49	22.56	23.00
3	16QAM	8	4	22.38	22.39	22.29	23.00
3	16QAM	8	7	22.47	22.40	22.37	23.00
3	16QAM	15	0	22.40	22.31	22.29	23.00
3	64QAM	1	0	22.95	22.97	22.94	24.00
3	64QAM	1	8	22.92	22.93	22.94	24.00
3	64QAM	1	14	22.56	22.60	22.60	24.00
3	64QAM	8	0	22.35	22.37	22.26	23.00
3	64QAM	8	4	22.48	22.42	22.43	23.00
3	64QAM	8	7	21.89	21.99	22.00	23.00
3	64QAM	15	0	22.64	22.58	22.48	23.00
3	256QAM	1	0	19.52	19.65	19.45	20.00
3	256QAM	1	8	19.61	19.60	19.66	20.00
3	256QAM	1	14	19.69	19.71	19.60	20.00
3	256QAM	8	0	19.60	19.47	19.53	20.00
3	256QAM	8	4	19.50	19.49	19.45	20.00
3	256QAM	8	7	19.47	19.40	19.36	20.00
3	256QAM	15	0	19.52	19.43	19.46	20.00
Channel				23017	23095	23173	Tune-up limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	23.37	23.22	23.34	24.00
1.4	QPSK	1	3	22.93	22.92	22.81	24.00
1.4	QPSK	1	5	22.94	22.93	22.82	24.00
1.4	QPSK	3	0	23.10	23.05	23.09	24.00
1.4	QPSK	3	1	23.03	22.93	22.83	24.00
1.4	QPSK	3	3	22.89	22.82	22.88	24.00
1.4	QPSK	6	0	22.83	22.76	22.88	23.50
1.4	16QAM	1	0	23.20	23.24	23.19	24.00
1.4	16QAM	1	3	23.31	23.19	23.20	24.00
1.4	16QAM	1	5	23.26	23.29	23.19	24.00
1.4	16QAM	3	0	22.61	22.58	22.55	23.00
1.4	16QAM	3	1	22.35	22.43	22.26	23.00
1.4	16QAM	3	3	22.58	22.49	22.43	23.00
1.4	16QAM	6	0	22.41	22.41	22.22	23.00
1.4	64QAM	1	0	22.98	23.06	22.92	24.00
1.4	64QAM	1	3	22.91	22.97	22.94	24.00
1.4	64QAM	1	5	22.60	22.67	22.50	24.00
1.4	64QAM	3	0	22.41	22.38	22.30	23.00
1.4	64QAM	3	1	22.47	22.39	22.44	23.00
1.4	64QAM	3	3	22.00	21.92	21.95	23.00

1.4	64QAM	6	0	22.59	22.50	22.41	23.00
1.4	256QAM	1	0	19.53	19.63	19.48	20.00
1.4	256QAM	1	3	19.72	19.66	19.58	20.00
1.4	256QAM	1	5	19.72	19.77	19.65	20.00
1.4	256QAM	3	0	19.61	19.45	19.51	20.00
1.4	256QAM	3	1	19.48	19.52	19.37	20.00
1.4	256QAM	3	3	19.46	19.37	19.47	20.00
1.4	256QAM	6	0	19.56	19.46	19.44	20.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23060	23095	23130	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	23.44	23.35	23.39	24.00
10	QPSK	1	25	23.07	23.00	22.94	24.00
10	QPSK	1	49	23.03	23.00	22.97	24.00
10	QPSK	25	0	23.14	23.10	23.10	24.00
10	QPSK	25	12	23.05	23.03	22.94	24.00
10	QPSK	25	25	22.99	22.95	22.91	24.00
10	QPSK	50	0	22.94	22.91	22.91	23.50
10	16QAM	1	0	23.23	23.29	23.22	24.00
10	16QAM	1	25	23.37	23.31	23.24	24.00
10	16QAM	1	49	23.30	23.30	23.20	24.00
10	16QAM	25	0	22.67	22.60	22.59	23.00
10	16QAM	25	12	22.50	22.48	22.39	23.00
10	16QAM	25	25	22.61	22.54	22.47	23.00
10	16QAM	50	0	22.51	22.44	22.33	23.00
10	64QAM	1	0	23.04	23.08	23.06	24.00
10	64QAM	1	25	23.00	22.99	22.99	24.00
10	64QAM	1	49	22.64	22.68	22.64	24.00
10	64QAM	25	0	22.49	22.49	22.39	23.00
10	64QAM	25	12	22.60	22.54	22.47	23.00
10	64QAM	25	25	22.01	22.05	22.02	23.00
10	64QAM	50	0	22.66	22.62	22.55	23.00
10	256QAM	1	0	19.64	19.66	19.55	20.00
10	256QAM	1	25	19.74	19.69	19.71	20.00
10	256QAM	1	49	19.75	19.78	19.74	20.00
10	256QAM	25	0	19.62	19.58	19.58	20.00
10	256QAM	25	12	19.55	19.55	19.47	20.00
10	256QAM	25	25	19.52	19.52	19.48	20.00
10	256QAM	50	0	19.58	19.52	19.48	20.00
Channel				23035	23095	23115	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	23.37	23.34	23.31	24.00
5	QPSK	1	12	22.97	22.93	22.82	24.00
5	QPSK	1	24	23.01	22.98	22.84	24.00
5	QPSK	12	0	23.00	23.04	22.99	24.00
5	QPSK	12	7	23.01	22.95	22.91	24.00
5	QPSK	12	13	22.85	22.94	22.80	24.00
5	QPSK	25	0	22.80	22.82	22.85	23.50
5	16QAM	1	0	23.11	23.18	23.14	24.00
5	16QAM	1	12	23.26	23.17	23.13	24.00
5	16QAM	1	24	23.27	23.25	23.13	24.00
5	16QAM	12	0	22.57	22.55	22.49	23.00
5	16QAM	12	7	22.43	22.36	22.28	23.00
5	16QAM	12	13	22.51	22.41	22.35	23.00
5	16QAM	25	0	22.43	22.42	22.19	23.00
5	64QAM	1	0	22.96	23.01	22.96	24.00
5	64QAM	1	12	22.89	22.88	22.88	24.00
5	64QAM	1	24	22.62	22.65	22.56	24.00
5	64QAM	12	0	22.47	22.44	22.26	23.00
5	64QAM	12	7	22.52	22.45	22.38	23.00
5	64QAM	12	13	21.98	22.02	22.01	23.00
5	64QAM	25	0	22.56	22.50	22.45	23.00
5	256QAM	1	0	19.57	19.63	19.54	20.00
5	256QAM	1	12	19.63	19.62	19.58	20.00
5	256QAM	1	24	19.65	19.74	19.69	20.00
5	256QAM	12	0	19.59	19.55	19.55	20.00
5	256QAM	12	7	19.40	19.43	19.44	20.00
5	256QAM	12	13	19.50	19.50	19.34	20.00
5	256QAM	25	0	19.46	19.51	19.40	20.00

Channel				23025	23095	23165	Tune-up limit (dBm)
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	23.38	23.30	23.29	24.00
3	QPSK	1	8	23.00	22.87	22.81	24.00
3	QPSK	1	14	22.97	22.94	22.83	24.00
3	QPSK	8	0	23.05	22.97	23.06	24.00
3	QPSK	8	4	22.91	23.00	22.80	24.00
3	QPSK	8	7	22.90	22.80	22.87	24.00
3	QPSK	15	0	22.84	22.82	22.78	23.50
3	16QAM	1	0	23.16	23.15	23.15	24.00
3	16QAM	1	8	23.23	23.17	23.23	24.00
3	16QAM	1	14	23.23	23.20	23.10	24.00
3	16QAM	8	0	22.62	22.49	22.56	23.00
3	16QAM	8	4	22.38	22.39	22.29	23.00
3	16QAM	8	7	22.47	22.40	22.37	23.00
3	16QAM	15	0	22.40	22.31	22.29	23.00
3	64QAM	1	0	22.95	22.97	22.94	24.00
3	64QAM	1	8	22.92	22.93	22.94	24.00
3	64QAM	1	14	22.56	22.60	22.60	24.00
3	64QAM	8	0	22.35	22.37	22.26	23.00
3	64QAM	8	4	22.48	22.42	22.43	23.00
3	64QAM	8	7	21.89	21.99	22.00	23.00
3	64QAM	15	0	22.64	22.58	22.48	23.00
3	256QAM	1	0	19.52	19.65	19.45	20.00
3	256QAM	1	8	19.61	19.60	19.66	20.00
3	256QAM	1	14	19.69	19.71	19.60	20.00
3	256QAM	8	0	19.60	19.47	19.53	20.00
3	256QAM	8	4	19.50	19.49	19.45	20.00
3	256QAM	8	7	19.47	19.40	19.36	20.00
3	256QAM	15	0	19.52	19.43	19.46	20.00
Channel				23017	23095	23173	Tune-up limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	23.37	23.22	23.34	24.00
1.4	QPSK	1	3	22.93	22.92	22.81	24.00
1.4	QPSK	1	5	22.94	22.93	22.82	24.00
1.4	QPSK	3	0	23.10	23.05	23.09	24.00
1.4	QPSK	3	1	23.03	22.93	22.83	24.00
1.4	QPSK	3	3	22.89	22.82	22.88	24.00
1.4	QPSK	6	0	22.83	22.76	22.88	23.50
1.4	16QAM	1	0	23.20	23.24	23.19	24.00
1.4	16QAM	1	3	23.31	23.19	23.20	24.00
1.4	16QAM	1	5	23.26	23.29	23.19	24.00
1.4	16QAM	3	0	22.61	22.58	22.55	23.00
1.4	16QAM	3	1	22.35	22.43	22.26	23.00
1.4	16QAM	3	3	22.58	22.49	22.43	23.00
1.4	16QAM	6	0	22.41	22.41	22.22	23.00
1.4	64QAM	1	0	22.98	23.06	22.92	24.00
1.4	64QAM	1	3	22.91	22.97	22.94	24.00
1.4	64QAM	1	5	22.60	22.67	22.50	24.00
1.4	64QAM	3	0	22.41	22.38	22.30	23.00
1.4	64QAM	3	1	22.47	22.39	22.44	23.00
1.4	64QAM	3	3	22.00	21.92	21.95	23.00
1.4	64QAM	6	0	22.59	22.50	22.41	23.00
1.4	256QAM	1	0	19.53	19.63	19.48	20.00
1.4	256QAM	1	3	19.72	19.66	19.58	20.00
1.4	256QAM	1	5	19.72	19.77	19.65	20.00
1.4	256QAM	3	0	19.61	19.45	19.51	20.00
1.4	256QAM	3	1	19.48	19.52	19.37	20.00
1.4	256QAM	3	3	19.46	19.37	19.47	20.00
1.4	256QAM	6	0	19.56	19.46	19.44	20.00

【LTE Band 13_Ant 0_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		22.93		24.00
10	QPSK	1	25		22.66		24.00
10	QPSK	1	49		22.45		24.00
10	QPSK	25	0		22.84		24.00
10	QPSK	25	12		22.62		24.00
10	QPSK	25	25		22.66		24.00

10	QPSK	50	0		22.76		24.00
10	16QAM	1	0		22.89		24.00
10	16QAM	1	25		22.78		24.00
10	16QAM	1	49		22.63		24.00
10	16QAM	25	0		22.12		23.50
10	16QAM	25	12		22.13		23.50
10	16QAM	25	25		22.03		23.50
10	16QAM	50	0		22.11		23.50
10	64QAM	1	0		22.48		23.50
10	64QAM	1	25		22.14		23.50
10	64QAM	1	49		22.28		23.50
10	64QAM	25	0		21.18		22.50
10	64QAM	25	12		21.19		22.50
10	64QAM	25	25		21.03		22.50
10	64QAM	50	0		21.15		22.50
10	256QAM	1	0		19.36		20.50
10	256QAM	1	25		19.08		20.50
10	256QAM	1	49		19.09		20.50
10	256QAM	25	0		19.18		20.50
10	256QAM	25	12		19.09		20.50
10	256QAM	25	25		19.08		20.50
10	256QAM	50	0		19.23		20.50
Channel				23205	23230	23255	Tune-up limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	22.79	22.85	22.83	24.00
5	QPSK	1	12	22.38	22.58	22.43	24.00
5	QPSK	1	24	22.15	22.28	22.21	24.00
5	QPSK	12	0	22.60	22.77	22.62	24.00
5	QPSK	12	7	22.37	22.48	22.43	24.00
5	QPSK	12	13	22.44	22.51	22.43	24.00
5	QPSK	25	0	22.61	22.74	22.59	24.00
5	16QAM	1	0	22.71	22.79	22.72	24.00
5	16QAM	1	12	22.49	22.68	22.52	24.00
5	16QAM	1	24	22.30	22.50	22.41	24.00
5	16QAM	12	0	21.99	22.07	22.02	23.50
5	16QAM	12	7	21.84	22.01	21.86	23.50
5	16QAM	12	13	21.75	21.89	21.81	23.50
5	16QAM	25	0	21.94	22.03	21.87	23.50
5	64QAM	1	0	22.23	22.41	22.29	23.50
5	64QAM	1	12	21.86	22.02	21.92	23.50
5	64QAM	1	24	21.96	22.16	22.01	23.50
5	64QAM	12	0	20.88	21.02	20.94	22.50
5	64QAM	12	7	20.93	21.08	21.05	22.50
5	64QAM	12	13	20.77	20.86	20.79	22.50
5	64QAM	25	0	20.79	20.97	20.85	22.50
5	256QAM	1	0	19.13	19.19	19.06	20.50
5	256QAM	1	12	18.85	19.00	18.87	20.50
5	256QAM	1	24	18.95	19.07	18.99	20.50
5	256QAM	12	0	18.89	19.01	18.95	20.50
5	256QAM	12	7	18.87	19.06	18.94	20.50
5	256QAM	12	13	18.90	19.05	18.93	20.50
5	256QAM	25	0	18.91	19.06	18.98	20.50

【LTE Band 13_Ant 0_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		22.93		24.00
10	QPSK	1	25		22.66		24.00
10	QPSK	1	49		22.45		24.00
10	QPSK	25	0		22.84		24.00
10	QPSK	25	12		22.62		24.00
10	QPSK	25	25		22.66		24.00
10	QPSK	50	0		22.76		24.00
10	16QAM	1	0		22.89		24.00
10	16QAM	1	25		22.78		24.00
10	16QAM	1	49		22.63		24.00
10	16QAM	25	0		22.12		23.50
10	16QAM	25	12		22.13		23.50
10	16QAM	25	25		22.03		23.50
10	16QAM	50	0		22.11		23.50

10	64QAM	1	0		22.48		23.50
10	64QAM	1	25		22.14		23.50
10	64QAM	1	49		22.28		23.50
10	64QAM	25	0		21.18		22.50
10	64QAM	25	12		21.19		22.50
10	64QAM	25	25		21.03		22.50
10	64QAM	50	0		21.15		22.50
10	256QAM	1	0		19.36		20.50
10	256QAM	1	25		19.08		20.50
10	256QAM	1	49		19.09		20.50
10	256QAM	25	0		19.18		20.50
10	256QAM	25	12		19.09		20.50
10	256QAM	25	25		19.08		20.50
10	256QAM	50	0		19.23		20.50
Channel				23205	23230	23255	Tune-up limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	22.79	22.85	22.83	24.00
5	QPSK	1	12	22.38	22.58	22.43	24.00
5	QPSK	1	24	22.15	22.28	22.21	24.00
5	QPSK	12	0	22.60	22.77	22.62	24.00
5	QPSK	12	7	22.37	22.48	22.43	24.00
5	QPSK	12	13	22.44	22.51	22.43	24.00
5	QPSK	25	0	22.61	22.74	22.59	24.00
5	16QAM	1	0	22.71	22.79	22.72	24.00
5	16QAM	1	12	22.49	22.68	22.52	24.00
5	16QAM	1	24	22.30	22.50	22.41	24.00
5	16QAM	12	0	21.99	22.07	22.02	23.50
5	16QAM	12	7	21.84	22.01	21.86	23.50
5	16QAM	12	13	21.75	21.89	21.81	23.50
5	16QAM	25	0	21.94	22.03	21.87	23.50
5	64QAM	1	0	22.23	22.41	22.29	23.50
5	64QAM	1	12	21.86	22.02	21.92	23.50
5	64QAM	1	24	21.96	22.16	22.01	23.50
5	64QAM	12	0	20.88	21.02	20.94	22.50
5	64QAM	12	7	20.93	21.08	21.05	22.50
5	64QAM	12	13	20.77	20.86	20.79	22.50
5	64QAM	25	0	20.79	20.97	20.85	22.50
5	256QAM	1	0	19.13	19.19	19.06	20.50
5	256QAM	1	12	18.85	19.00	18.87	20.50
5	256QAM	1	24	18.95	19.07	18.99	20.50
5	256QAM	12	0	18.89	19.01	18.95	20.50
5	256QAM	12	7	18.87	19.06	18.94	20.50
5	256QAM	12	13	18.90	19.05	18.93	20.50
5	256QAM	25	0	18.91	19.06	18.98	20.50

【LTE Band 13_Ant 0_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23230		Tune-up limit (dBm)
Frequency (MHz)					782		
10	QPSK	1	0		22.93		24.00
10	QPSK	1	25		22.66		24.00
10	QPSK	1	49		22.45		24.00
10	QPSK	25	0		22.84		24.00
10	QPSK	25	12		22.62		24.00
10	QPSK	25	25		22.66		24.00
10	QPSK	50	0		22.76		24.00
10	16QAM	1	0		22.89		24.00
10	16QAM	1	25		22.78		24.00
10	16QAM	1	49		22.63		24.00
10	16QAM	25	0		22.12		23.50
10	16QAM	25	12		22.13		23.50
10	16QAM	25	25		22.03		23.50
10	16QAM	50	0		22.11		23.50
10	64QAM	1	0		22.48		23.50
10	64QAM	1	25		22.14		23.50
10	64QAM	1	49		22.28		23.50
10	64QAM	25	0		21.18		22.50
10	64QAM	25	12		21.19		22.50
10	64QAM	25	25		21.03		22.50
10	64QAM	50	0		21.15		22.50
10	256QAM	1	0		19.36		20.50

10	256QAM	1	25		19.08		20.50
10	256QAM	1	49		19.09		20.50
10	256QAM	25	0		19.18		20.50
10	256QAM	25	12		19.09		20.50
10	256QAM	25	25		19.08		20.50
10	256QAM	50	0		19.23		20.50
Channel				23205	23230	23255	Tune-up limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	22.79	22.85	22.83	24.00
5	QPSK	1	12	22.38	22.58	22.43	24.00
5	QPSK	1	24	22.15	22.28	22.21	24.00
5	QPSK	12	0	22.60	22.77	22.62	24.00
5	QPSK	12	7	22.37	22.48	22.43	24.00
5	QPSK	12	13	22.44	22.51	22.43	24.00
5	QPSK	25	0	22.61	22.74	22.59	24.00
5	16QAM	1	0	22.71	22.79	22.72	24.00
5	16QAM	1	12	22.49	22.68	22.52	24.00
5	16QAM	1	24	22.30	22.50	22.41	24.00
5	16QAM	12	0	21.99	22.07	22.02	23.50
5	16QAM	12	7	21.84	22.01	21.86	23.50
5	16QAM	12	13	21.75	21.89	21.81	23.50
5	16QAM	25	0	21.94	22.03	21.87	23.50
5	64QAM	1	0	22.23	22.41	22.29	23.50
5	64QAM	1	12	21.86	22.02	21.92	23.50
5	64QAM	1	24	21.96	22.16	22.01	23.50
5	64QAM	12	0	20.88	21.02	20.94	22.50
5	64QAM	12	7	20.93	21.08	21.05	22.50
5	64QAM	12	13	20.77	20.86	20.79	22.50
5	64QAM	25	0	20.79	20.97	20.85	22.50
5	256QAM	1	0	19.13	19.19	19.06	20.50
5	256QAM	1	12	18.85	19.00	18.87	20.50
5	256QAM	1	24	18.95	19.07	18.99	20.50
5	256QAM	12	0	18.89	19.01	18.95	20.50
5	256QAM	12	7	18.87	19.06	18.94	20.50
5	256QAM	12	13	18.90	19.05	18.93	20.50
5	256QAM	25	0	18.91	19.06	18.98	20.50

【LTE Band 13_Ant 0_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		22.93		24.00
10	QPSK	1	25		22.66		24.00
10	QPSK	1	49		22.45		24.00
10	QPSK	25	0		22.84		24.00
10	QPSK	25	12		22.62		24.00
10	QPSK	25	25		22.66		24.00
10	QPSK	50	0		22.76		24.00
10	16QAM	1	0		22.89		24.00
10	16QAM	1	25		22.78		24.00
10	16QAM	1	49		22.63		24.00
10	16QAM	25	0		22.12		23.50
10	16QAM	25	12		22.13		23.50
10	16QAM	25	25		22.03		23.50
10	16QAM	50	0		22.11		23.50
10	64QAM	1	0		22.48		23.50
10	64QAM	1	25		22.14		23.50
10	64QAM	1	49		22.28		23.50
10	64QAM	25	0		21.18		22.50
10	64QAM	25	12		21.19		22.50
10	64QAM	25	25		21.03		22.50
10	64QAM	50	0		21.15		22.50
10	256QAM	1	0		19.36		20.50
10	256QAM	1	25		19.08		20.50
10	256QAM	1	49		19.09		20.50
10	256QAM	25	0		19.18		20.50
10	256QAM	25	12		19.09		20.50
10	256QAM	25	25		19.08		20.50
10	256QAM	50	0		19.23		20.50
Channel				23205	23230	23255	Tune-up limit (dBm)
Frequency (MHz)				779.5	782	784.5	

5	QPSK	1	0	22.79	22.85	22.83	24.00
5	QPSK	1	12	22.38	22.58	22.43	24.00
5	QPSK	1	24	22.15	22.28	22.21	24.00
5	QPSK	12	0	22.60	22.77	22.62	24.00
5	QPSK	12	7	22.37	22.48	22.43	24.00
5	QPSK	12	13	22.44	22.51	22.43	24.00
5	QPSK	25	0	22.61	22.74	22.59	24.00
5	16QAM	1	0	22.71	22.79	22.72	24.00
5	16QAM	1	12	22.49	22.68	22.52	24.00
5	16QAM	1	24	22.30	22.50	22.41	24.00
5	16QAM	12	0	21.99	22.07	22.02	23.50
5	16QAM	12	7	21.84	22.01	21.86	23.50
5	16QAM	12	13	21.75	21.89	21.81	23.50
5	16QAM	25	0	21.94	22.03	21.87	23.50
5	64QAM	1	0	22.23	22.41	22.29	23.50
5	64QAM	1	12	21.86	22.02	21.92	23.50
5	64QAM	1	24	21.96	22.16	22.01	23.50
5	64QAM	12	0	20.88	21.02	20.94	22.50
5	64QAM	12	7	20.93	21.08	21.05	22.50
5	64QAM	12	13	20.77	20.86	20.79	22.50
5	64QAM	25	0	20.79	20.97	20.85	22.50
5	256QAM	1	0	19.13	19.19	19.06	20.50
5	256QAM	1	12	18.85	19.00	18.87	20.50
5	256QAM	1	24	18.95	19.07	18.99	20.50
5	256QAM	12	0	18.89	19.01	18.95	20.50
5	256QAM	12	7	18.87	19.06	18.94	20.50
5	256QAM	12	13	18.90	19.05	18.93	20.50
5	256QAM	25	0	18.91	19.06	18.98	20.50

[LTE Band 13_Ant 0_DSI 6]

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		22.93		24.00
10	QPSK	1	25		22.66		24.00
10	QPSK	1	49		22.45		24.00
10	QPSK	25	0		22.84		24.00
10	QPSK	25	12		22.62		24.00
10	QPSK	25	25		22.66		24.00
10	QPSK	50	0		22.76		24.00
10	16QAM	1	0		22.89		24.00
10	16QAM	1	25		22.78		24.00
10	16QAM	1	49		22.63		24.00
10	16QAM	25	0		22.12		23.50
10	16QAM	25	12		22.13		23.50
10	16QAM	25	25		22.03		23.50
10	16QAM	50	0		22.11		23.50
10	64QAM	1	0		22.48		23.50
10	64QAM	1	25		22.14		23.50
10	64QAM	1	49		22.28		23.50
10	64QAM	25	0		21.18		22.50
10	64QAM	25	12		21.19		22.50
10	64QAM	25	25		21.03		22.50
10	64QAM	50	0		21.15		22.50
10	256QAM	1	0		19.36		20.50
10	256QAM	1	25		19.08		20.50
10	256QAM	1	49		19.09		20.50
10	256QAM	25	0		19.18		20.50
10	256QAM	25	12		19.09		20.50
10	256QAM	25	25		19.08		20.50
10	256QAM	50	0		19.23		20.50
Channel				23205	23230	23255	
Frequency (MHz)				779.5	782	784.5	Tune-up limit (dBm)
5	QPSK	1	0	22.79	22.85	22.83	24.00
5	QPSK	1	12	22.38	22.58	22.43	24.00
5	QPSK	1	24	22.15	22.28	22.21	24.00
5	QPSK	12	0	22.60	22.77	22.62	24.00
5	QPSK	12	7	22.37	22.48	22.43	24.00
5	QPSK	12	13	22.44	22.51	22.43	24.00
5	QPSK	25	0	22.61	22.74	22.59	24.00
5	16QAM	1	0	22.71	22.79	22.72	24.00

5	16QAM	1	12	22.49	22.68	22.52	24.00
5	16QAM	1	24	22.30	22.50	22.41	24.00
5	16QAM	12	0	21.99	22.07	22.02	23.50
5	16QAM	12	7	21.84	22.01	21.86	23.50
5	16QAM	12	13	21.75	21.89	21.81	23.50
5	16QAM	25	0	21.94	22.03	21.87	23.50
5	64QAM	1	0	22.23	22.41	22.29	23.50
5	64QAM	1	12	21.86	22.02	21.92	23.50
5	64QAM	1	24	21.96	22.16	22.01	23.50
5	64QAM	12	0	20.88	21.02	20.94	22.50
5	64QAM	12	7	20.93	21.08	21.05	22.50
5	64QAM	12	13	20.77	20.86	20.79	22.50
5	64QAM	25	0	20.79	20.97	20.85	22.50
5	256QAM	1	0	19.13	19.19	19.06	20.50
5	256QAM	1	12	18.85	19.00	18.87	20.50
5	256QAM	1	24	18.95	19.07	18.99	20.50
5	256QAM	12	0	18.89	19.01	18.95	20.50
5	256QAM	12	7	18.87	19.06	18.94	20.50
5	256QAM	12	13	18.90	19.05	18.93	20.50
5	256QAM	25	0	18.91	19.06	18.98	20.50

【LTE Band 13_Ant 0_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		22.93		24.00
10	QPSK	1	25		22.66		24.00
10	QPSK	1	49		22.45		24.00
10	QPSK	25	0		22.84		24.00
10	QPSK	25	12		22.62		24.00
10	QPSK	25	25		22.66		24.00
10	QPSK	50	0		22.76		24.00
10	16QAM	1	0		22.89		24.00
10	16QAM	1	25		22.78		24.00
10	16QAM	1	49		22.63		24.00
10	16QAM	25	0		22.12		23.50
10	16QAM	25	12		22.13		23.50
10	16QAM	25	25		22.03		23.50
10	16QAM	50	0		22.11		23.50
10	64QAM	1	0		22.48		23.50
10	64QAM	1	25		22.14		23.50
10	64QAM	1	49		22.28		23.50
10	64QAM	25	0		21.18		22.50
10	64QAM	25	12		21.19		22.50
10	64QAM	25	25		21.03		22.50
10	64QAM	50	0		21.15		22.50
10	256QAM	1	0		19.36		20.50
10	256QAM	1	25		19.08		20.50
10	256QAM	1	49		19.09		20.50
10	256QAM	25	0		19.18		20.50
10	256QAM	25	12		19.09		20.50
10	256QAM	25	25		19.08		20.50
10	256QAM	50	0		19.23		20.50
Channel				23205	23230	23255	Tune-up limit
Frequency (MHz)				779.5	782	784.5	(dBm)
5	QPSK	1	0	22.79	22.85	22.83	24.00
5	QPSK	1	12	22.38	22.58	22.43	24.00
5	QPSK	1	24	22.15	22.28	22.21	24.00
5	QPSK	12	0	22.60	22.77	22.62	24.00
5	QPSK	12	7	22.37	22.48	22.43	24.00
5	QPSK	12	13	22.44	22.51	22.43	24.00
5	QPSK	25	0	22.61	22.74	22.59	24.00
5	16QAM	1	0	22.71	22.79	22.72	24.00
5	16QAM	1	12	22.49	22.68	22.52	24.00
5	16QAM	1	24	22.30	22.50	22.41	24.00
5	16QAM	12	0	21.99	22.07	22.02	23.50
5	16QAM	12	7	21.84	22.01	21.86	23.50
5	16QAM	12	13	21.75	21.89	21.81	23.50
5	16QAM	25	0	21.94	22.03	21.87	23.50
5	64QAM	1	0	22.23	22.41	22.29	23.50
5	64QAM	1	12	21.86	22.02	21.92	23.50

5	64QAM	1	24	21.96	22.16	22.01	23.50
5	64QAM	12	0	20.88	21.02	20.94	22.50
5	64QAM	12	7	20.93	21.08	21.05	22.50
5	64QAM	12	13	20.77	20.86	20.79	22.50
5	64QAM	25	0	20.79	20.97	20.85	22.50
5	256QAM	1	0	19.13	19.19	19.06	20.50
5	256QAM	1	12	18.85	19.00	18.87	20.50
5	256QAM	1	24	18.95	19.07	18.99	20.50
5	256QAM	12	0	18.89	19.01	18.95	20.50
5	256QAM	12	7	18.87	19.06	18.94	20.50
5	256QAM	12	13	18.90	19.05	18.93	20.50
5	256QAM	25	0	18.91	19.06	18.98	20.50

【LTE Band 13_Ant 1_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23230		Tune-up limit (dBm)
Frequency (MHz)					782		
10	QPSK	1	0		23.16		24.00
10	QPSK	1	25		22.86		24.00
10	QPSK	1	49		22.89		24.00
10	QPSK	25	0		22.94		24.00
10	QPSK	25	12		22.80		24.00
10	QPSK	25	25		22.73		24.00
10	QPSK	50	0		22.67		23.50
10	16QAM	1	0		23.04		24.00
10	16QAM	1	25		23.05		24.00
10	16QAM	1	49		23.05		24.00
10	16QAM	25	0		22.26		23.00
10	16QAM	25	12		22.18		23.00
10	16QAM	25	25		22.28		23.00
10	16QAM	50	0		22.11		23.00
10	64QAM	1	0		22.76		23.50
10	64QAM	1	25		22.78		23.50
10	64QAM	1	49		22.39		23.50
10	64QAM	25	0		22.27		23.00
10	64QAM	25	12		22.30		23.00
10	64QAM	25	25		21.82		23.00
10	64QAM	50	0		22.36		23.00
10	256QAM	1	0		19.33		20.00
10	256QAM	1	25		19.47		20.00
10	256QAM	1	49		19.49		20.00
10	256QAM	25	0		19.24		20.00
10	256QAM	25	12		19.33		20.00
10	256QAM	25	25		19.23		20.00
10	256QAM	50	0		19.29		20.00
Channel				23205	23230	23255	Tune-up limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	22.93	23.01	22.91	24.00
5	QPSK	1	12	22.58	22.75	22.61	24.00
5	QPSK	1	24	22.62	22.78	22.62	24.00
5	QPSK	12	0	22.59	22.80	22.59	24.00
5	QPSK	12	7	22.69	22.89	22.76	24.00
5	QPSK	12	13	22.66	22.86	22.64	24.00
5	QPSK	25	0	22.36	22.51	22.28	23.50
5	16QAM	1	0	22.91	23.01	22.86	24.00
5	16QAM	1	12	22.78	22.92	22.78	24.00
5	16QAM	1	24	22.81	23.00	22.89	24.00
5	16QAM	12	0	21.95	22.16	22.04	23.00
5	16QAM	12	7	21.93	22.10	21.88	23.00
5	16QAM	12	13	21.97	22.15	22.04	23.00
5	16QAM	25	0	21.84	21.98	21.74	23.00
5	64QAM	1	0	22.53	22.74	22.51	23.50
5	64QAM	1	12	22.59	22.75	22.63	23.50
5	64QAM	1	24	22.07	22.21	22.04	23.50
5	64QAM	12	0	22.01	22.22	22.05	23.00
5	64QAM	12	7	22.01	22.23	22.04	23.00
5	64QAM	12	13	21.59	21.74	21.58	23.00
5	64QAM	25	0	22.03	22.19	21.94	23.00
5	256QAM	1	0	19.08	19.16	18.95	20.00
5	256QAM	1	12	19.26	19.44	19.31	20.00
5	256QAM	1	24	19.18	19.31	19.15	20.00

5	256QAM	12	0	19.01	19.18	19.04	20.00
5	256QAM	12	7	19.05	19.24	19.10	20.00
5	256QAM	12	13	19.00	19.09	18.86	20.00
5	256QAM	25	0	19.01	19.21	19.11	20.00

【LTE Band 13_Ant 1_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		23.16		24.00
10	QPSK	1	25		22.86		24.00
10	QPSK	1	49		22.89		24.00
10	QPSK	25	0		22.94		24.00
10	QPSK	25	12		22.80		24.00
10	QPSK	25	25		22.73		24.00
10	QPSK	50	0		22.67		23.50
10	16QAM	1	0		23.04		24.00
10	16QAM	1	25		23.05		24.00
10	16QAM	1	49		23.05		24.00
10	16QAM	25	0		22.26		23.00
10	16QAM	25	12		22.18		23.00
10	16QAM	25	25		22.28		23.00
10	16QAM	50	0		22.11		23.00
10	64QAM	1	0		22.76		23.50
10	64QAM	1	25		22.78		23.50
10	64QAM	1	49		22.39		23.50
10	64QAM	25	0		22.27		23.00
10	64QAM	25	12		22.30		23.00
10	64QAM	25	25		21.82		23.00
10	64QAM	50	0		22.36		23.00
10	256QAM	1	0		19.33		20.00
10	256QAM	1	25		19.47		20.00
10	256QAM	1	49		19.49		20.00
10	256QAM	25	0		19.24		20.00
10	256QAM	25	12		19.33		20.00
10	256QAM	25	25		19.23		20.00
10	256QAM	50	0		19.29		20.00
Channel				23205	23230	23255	Tune-up limit
Frequency (MHz)				779.5	782	784.5	(dBm)
5	QPSK	1	0	22.93	23.01	22.91	24.00
5	QPSK	1	12	22.58	22.75	22.61	24.00
5	QPSK	1	24	22.62	22.78	22.62	24.00
5	QPSK	12	0	22.59	22.80	22.59	24.00
5	QPSK	12	7	22.69	22.89	22.76	24.00
5	QPSK	12	13	22.66	22.86	22.64	24.00
5	QPSK	25	0	22.36	22.51	22.28	23.50
5	16QAM	1	0	22.91	23.01	22.86	24.00
5	16QAM	1	12	22.78	22.92	22.78	24.00
5	16QAM	1	24	22.81	23.00	22.89	24.00
5	16QAM	12	0	21.95	22.16	22.04	23.00
5	16QAM	12	7	21.93	22.10	21.88	23.00
5	16QAM	12	13	21.97	22.15	22.04	23.00
5	16QAM	25	0	21.84	21.98	21.74	23.00
5	64QAM	1	0	22.53	22.74	22.51	23.50
5	64QAM	1	12	22.59	22.75	22.63	23.50
5	64QAM	1	24	22.07	22.21	22.04	23.50
5	64QAM	12	0	22.01	22.22	22.05	23.00
5	64QAM	12	7	22.01	22.23	22.04	23.00
5	64QAM	12	13	21.59	21.74	21.58	23.00
5	64QAM	25	0	22.03	22.19	21.94	23.00
5	256QAM	1	0	19.08	19.16	18.95	20.00
5	256QAM	1	12	19.26	19.44	19.31	20.00
5	256QAM	1	24	19.18	19.31	19.15	20.00
5	256QAM	12	0	19.01	19.18	19.04	20.00
5	256QAM	12	7	19.05	19.24	19.10	20.00
5	256QAM	12	13	19.00	19.09	18.86	20.00
5	256QAM	25	0	19.01	19.21	19.11	20.00

【LTE Band 13_Ant 1_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		23.16		24.00
10	QPSK	1	25		22.86		24.00
10	QPSK	1	49		22.89		24.00
10	QPSK	25	0		22.94		24.00
10	QPSK	25	12		22.80		24.00
10	QPSK	25	25		22.73		24.00
10	QPSK	50	0		22.67		23.50
10	16QAM	1	0		23.04		24.00
10	16QAM	1	25		23.05		24.00
10	16QAM	1	49		23.05		24.00
10	16QAM	25	0		22.26		23.00
10	16QAM	25	12		22.18		23.00
10	16QAM	25	25		22.28		23.00
10	16QAM	50	0		22.11		23.00
10	64QAM	1	0		22.76		23.50
10	64QAM	1	25		22.78		23.50
10	64QAM	1	49		22.39		23.50
10	64QAM	25	0		22.27		23.00
10	64QAM	25	12		22.30		23.00
10	64QAM	25	25		21.82		23.00
10	64QAM	50	0		22.36		23.00
10	256QAM	1	0		19.33		20.00
10	256QAM	1	25		19.47		20.00
10	256QAM	1	49		19.49		20.00
10	256QAM	25	0		19.24		20.00
10	256QAM	25	12		19.33		20.00
10	256QAM	25	25		19.23		20.00
10	256QAM	50	0		19.29		20.00
Channel				23205	23230	23255	Tune-up limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	22.93	23.01	22.91	24.00
5	QPSK	1	12	22.58	22.75	22.61	24.00
5	QPSK	1	24	22.62	22.78	22.62	24.00
5	QPSK	12	0	22.59	22.80	22.59	24.00
5	QPSK	12	7	22.69	22.89	22.76	24.00
5	QPSK	12	13	22.66	22.86	22.64	24.00
5	QPSK	25	0	22.36	22.51	22.28	23.50
5	16QAM	1	0	22.91	23.01	22.86	24.00
5	16QAM	1	12	22.78	22.92	22.78	24.00
5	16QAM	1	24	22.81	23.00	22.89	24.00
5	16QAM	12	0	21.95	22.16	22.04	23.00
5	16QAM	12	7	21.93	22.10	21.88	23.00
5	16QAM	12	13	21.97	22.15	22.04	23.00
5	16QAM	25	0	21.84	21.98	21.74	23.00
5	64QAM	1	0	22.53	22.74	22.51	23.50
5	64QAM	1	12	22.59	22.75	22.63	23.50
5	64QAM	1	24	22.07	22.21	22.04	23.50
5	64QAM	12	0	22.01	22.22	22.05	23.00
5	64QAM	12	7	22.01	22.23	22.04	23.00
5	64QAM	12	13	21.59	21.74	21.58	23.00
5	64QAM	25	0	22.03	22.19	21.94	23.00
5	256QAM	1	0	19.08	19.16	18.95	20.00
5	256QAM	1	12	19.26	19.44	19.31	20.00
5	256QAM	1	24	19.18	19.31	19.15	20.00
5	256QAM	12	0	19.01	19.18	19.04	20.00
5	256QAM	12	7	19.05	19.24	19.10	20.00
5	256QAM	12	13	19.00	19.09	18.86	20.00
5	256QAM	25	0	19.01	19.21	19.11	20.00

【LTE Band 13_Ant 1_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		23.16		23.70
10	QPSK	1	25		22.86		23.70

10	QPSK	1	49		22.89		23.70
10	QPSK	25	0		22.94		23.70
10	QPSK	25	12		22.80		23.70
10	QPSK	25	25		22.73		23.70
10	QPSK	50	0		22.67		23.20
10	16QAM	1	0		23.04		23.70
10	16QAM	1	25		23.05		23.70
10	16QAM	1	49		23.05		23.70
10	16QAM	25	0		22.26		22.70
10	16QAM	25	12		22.18		22.70
10	16QAM	25	25		22.28		22.70
10	16QAM	50	0		22.11		22.70
10	64QAM	1	0		22.76		23.20
10	64QAM	1	25		22.78		23.20
10	64QAM	1	49		22.39		23.20
10	64QAM	25	0		22.27		22.70
10	64QAM	25	12		22.30		22.70
10	64QAM	25	25		21.82		22.70
10	64QAM	50	0		22.36		22.70
10	256QAM	1	0		19.33		19.70
10	256QAM	1	25		19.47		19.70
10	256QAM	1	49		19.49		19.70
10	256QAM	25	0		19.24		19.70
10	256QAM	25	12		19.33		19.70
10	256QAM	25	25		19.23		19.70
10	256QAM	50	0		19.29		19.70
Channel				23205	23230	23255	Tune-up limit
Frequency (MHz)				779.5	782	784.5	(dBm)
5	QPSK	1	0	22.93	23.01	22.91	23.70
5	QPSK	1	12	22.58	22.75	22.61	23.70
5	QPSK	1	24	22.62	22.78	22.62	23.70
5	QPSK	12	0	22.59	22.80	22.59	23.70
5	QPSK	12	7	22.69	22.89	22.76	23.70
5	QPSK	12	13	22.66	22.86	22.64	23.70
5	QPSK	25	0	22.36	22.51	22.28	23.20
5	16QAM	1	0	22.91	23.01	22.86	23.70
5	16QAM	1	12	22.78	22.92	22.78	23.70
5	16QAM	1	24	22.81	23.00	22.89	23.70
5	16QAM	12	0	21.95	22.16	22.04	22.70
5	16QAM	12	7	21.93	22.10	21.88	22.70
5	16QAM	12	13	21.97	22.15	22.04	22.70
5	16QAM	25	0	21.84	21.98	21.74	22.70
5	64QAM	1	0	22.53	22.74	22.51	23.20
5	64QAM	1	12	22.59	22.75	22.63	23.20
5	64QAM	1	24	22.07	22.21	22.04	23.20
5	64QAM	12	0	22.01	22.22	22.05	22.70
5	64QAM	12	7	22.01	22.23	22.04	22.70
5	64QAM	12	13	21.59	21.74	21.58	22.70
5	64QAM	25	0	22.03	22.19	21.94	22.70
5	256QAM	1	0	19.08	19.16	18.95	19.70
5	256QAM	1	12	19.26	19.44	19.31	19.70
5	256QAM	1	24	19.18	19.31	19.15	19.70
5	256QAM	12	0	19.01	19.18	19.04	19.70
5	256QAM	12	7	19.05	19.24	19.10	19.70
5	256QAM	12	13	19.00	19.09	18.86	19.70
5	256QAM	25	0	19.01	19.21	19.11	19.70

【LTE Band 13_Ant 1_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		23.16		24.00
10	QPSK	1	25		22.86		24.00
10	QPSK	1	49		22.89		24.00
10	QPSK	25	0		22.94		24.00
10	QPSK	25	12		22.80		24.00
10	QPSK	25	25		22.73		24.00
10	QPSK	50	0		22.67		23.50
10	16QAM	1	0		23.04		24.00
10	16QAM	1	25		23.05		24.00
10	16QAM	1	49		23.05		24.00

10	16QAM	25	0		22.26		23.00
10	16QAM	25	12		22.18		23.00
10	16QAM	25	25		22.28		23.00
10	16QAM	50	0		22.11		23.00
10	64QAM	1	0		22.76		23.50
10	64QAM	1	25		22.78		23.50
10	64QAM	1	49		22.39		23.50
10	64QAM	25	0		22.27		23.00
10	64QAM	25	12		22.30		23.00
10	64QAM	25	25		21.82		23.00
10	64QAM	50	0		22.36		23.00
10	256QAM	1	0		19.33		20.00
10	256QAM	1	25		19.47		20.00
10	256QAM	1	49		19.49		20.00
10	256QAM	25	0		19.24		20.00
10	256QAM	25	12		19.33		20.00
10	256QAM	25	25		19.23		20.00
10	256QAM	50	0		19.29		20.00
Channel				23205	23230	23255	Tune-up limit
Frequency (MHz)				779.5	782	784.5	(dBm)
5	QPSK	1	0	22.93	23.01	22.91	24.00
5	QPSK	1	12	22.58	22.75	22.61	24.00
5	QPSK	1	24	22.62	22.78	22.62	24.00
5	QPSK	12	0	22.59	22.80	22.59	24.00
5	QPSK	12	7	22.69	22.89	22.76	24.00
5	QPSK	12	13	22.66	22.86	22.64	24.00
5	QPSK	25	0	22.36	22.51	22.28	23.50
5	16QAM	1	0	22.91	23.01	22.86	24.00
5	16QAM	1	12	22.78	22.92	22.78	24.00
5	16QAM	1	24	22.81	23.00	22.89	24.00
5	16QAM	12	0	21.95	22.16	22.04	23.00
5	16QAM	12	7	21.93	22.10	21.88	23.00
5	16QAM	12	13	21.97	22.15	22.04	23.00
5	16QAM	25	0	21.84	21.98	21.74	23.00
5	64QAM	1	0	22.53	22.74	22.51	23.50
5	64QAM	1	12	22.59	22.75	22.63	23.50
5	64QAM	1	24	22.07	22.21	22.04	23.50
5	64QAM	12	0	22.01	22.22	22.05	23.00
5	64QAM	12	7	22.01	22.23	22.04	23.00
5	64QAM	12	13	21.59	21.74	21.58	23.00
5	64QAM	25	0	22.03	22.19	21.94	23.00
5	256QAM	1	0	19.08	19.16	18.95	20.00
5	256QAM	1	12	19.26	19.44	19.31	20.00
5	256QAM	1	24	19.18	19.31	19.15	20.00
5	256QAM	12	0	19.01	19.18	19.04	20.00
5	256QAM	12	7	19.05	19.24	19.10	20.00
5	256QAM	12	13	19.00	19.09	18.86	20.00
5	256QAM	25	0	19.01	19.21	19.11	20.00

【LTE Band 13_Ant 1_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		23.16		23.70
10	QPSK	1	25		22.86		23.70
10	QPSK	1	49		22.89		23.70
10	QPSK	25	0		22.94		23.70
10	QPSK	25	12		22.80		23.70
10	QPSK	25	25		22.73		23.70
10	QPSK	50	0		22.67		23.20
10	16QAM	1	0		23.04		23.70
10	16QAM	1	25		23.05		23.70
10	16QAM	1	49		23.05		23.70
10	16QAM	25	0		22.26		22.70
10	16QAM	25	12		22.18		22.70
10	16QAM	25	25		22.28		22.70
10	16QAM	50	0		22.11		22.70
10	64QAM	1	0		22.76		23.20
10	64QAM	1	25		22.78		23.20
10	64QAM	1	49		22.39		23.20
10	64QAM	25	0		22.27		22.70

10	64QAM	25	12		22.30		22.70
10	64QAM	25	25		21.82		22.70
10	64QAM	50	0		22.36		22.70
10	256QAM	1	0		19.33		19.70
10	256QAM	1	25		19.47		19.70
10	256QAM	1	49		19.49		19.70
10	256QAM	25	0		19.24		19.70
10	256QAM	25	12		19.33		19.70
10	256QAM	25	25		19.23		19.70
10	256QAM	50	0		19.29		19.70
Channel				23205	23230	23255	Tune-up limit
Frequency (MHz)				779.5	782	784.5	(dBm)
5	QPSK	1	0	22.93	23.01	22.91	23.70
5	QPSK	1	12	22.58	22.75	22.61	23.70
5	QPSK	1	24	22.62	22.78	22.62	23.70
5	QPSK	12	0	22.59	22.80	22.59	23.70
5	QPSK	12	7	22.69	22.89	22.76	23.70
5	QPSK	12	13	22.66	22.86	22.64	23.70
5	QPSK	25	0	22.36	22.51	22.28	23.20
5	16QAM	1	0	22.91	23.01	22.86	23.70
5	16QAM	1	12	22.78	22.92	22.78	23.70
5	16QAM	1	24	22.81	23.00	22.89	23.70
5	16QAM	12	0	21.95	22.16	22.04	22.70
5	16QAM	12	7	21.93	22.10	21.88	22.70
5	16QAM	12	13	21.97	22.15	22.04	22.70
5	16QAM	25	0	21.84	21.98	21.74	22.70
5	64QAM	1	0	22.53	22.74	22.51	23.20
5	64QAM	1	12	22.59	22.75	22.63	23.20
5	64QAM	1	24	22.07	22.21	22.04	23.20
5	64QAM	12	0	22.01	22.22	22.05	22.70
5	64QAM	12	7	22.01	22.23	22.04	22.70
5	64QAM	12	13	21.59	21.74	21.58	22.70
5	64QAM	25	0	22.03	22.19	21.94	22.70
5	256QAM	1	0	19.08	19.16	18.95	19.70
5	256QAM	1	12	19.26	19.44	19.31	19.70
5	256QAM	1	24	19.18	19.31	19.15	19.70
5	256QAM	12	0	19.01	19.18	19.04	19.70
5	256QAM	12	7	19.05	19.24	19.10	19.70
5	256QAM	12	13	19.00	19.09	18.86	19.70
5	256QAM	25	0	19.01	19.21	19.11	19.70

【LTE Band 14_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					23330		
Frequency (MHz)					793		
10	QPSK	1	0		22.84		24.00
10	QPSK	1	25		22.67		24.00
10	QPSK	1	49		22.61		24.00
10	QPSK	25	0		22.73		24.00
10	QPSK	25	12		22.66		24.00
10	QPSK	25	25		22.63		24.00
10	QPSK	50	0		22.63		24.00
10	16QAM	1	0		22.76		24.00
10	16QAM	1	25		22.60		24.00
10	16QAM	1	49		22.83		24.00
10	16QAM	25	0		22.23		23.50
10	16QAM	25	12		22.13		23.50
10	16QAM	25	25		22.17		23.50
10	16QAM	50	0		22.15		23.50
10	64QAM	1	0		22.47		23.50
10	64QAM	1	25		22.41		23.50
10	64QAM	1	49		22.27		23.50
10	64QAM	25	0		21.22		22.50
10	64QAM	25	12		21.23		22.50
10	64QAM	25	25		21.16		22.50
10	64QAM	50	0		21.15		22.50
10	256QAM	1	0		19.45		20.50
10	256QAM	1	25		19.21		20.50
10	256QAM	1	49		19.20		20.50
10	256QAM	25	0		19.27		20.50
10	256QAM	25	12		19.21		20.50

10	256QAM	25	25		19.13		20.50
10	256QAM	50	0		19.17		20.50
Channel				23305	23330	23355	Tune-up limit
Frequency (MHz)				790.5	793	795.5	(dBm)
5	QPSK	1	0	22.79	22.80	22.63	24.00
5	QPSK	1	12	22.49	22.54	22.25	24.00
5	QPSK	1	24	22.35	22.48	22.29	24.00
5	QPSK	12	0	22.57	22.67	22.38	24.00
5	QPSK	12	7	22.39	22.51	22.30	24.00
5	QPSK	12	13	22.42	22.46	22.22	24.00
5	QPSK	25	0	22.43	22.47	22.21	24.00
5	16QAM	1	0	22.70	22.73	22.52	24.00
5	16QAM	1	12	22.29	22.42	22.13	24.00
5	16QAM	1	24	22.55	22.66	22.47	24.00
5	16QAM	12	0	21.96	22.10	21.88	23.50
5	16QAM	12	7	21.98	22.09	21.80	23.50
5	16QAM	12	13	22.04	22.14	21.84	23.50
5	16QAM	25	0	21.90	21.98	21.73	23.50
5	64QAM	1	0	22.37	22.44	22.16	23.50
5	64QAM	1	12	22.11	22.25	22.06	23.50
5	64QAM	1	24	22.06	22.11	21.84	23.50
5	64QAM	12	0	21.08	21.16	20.98	22.50
5	64QAM	12	7	21.07	21.15	20.88	22.50
5	64QAM	12	13	20.90	21.03	20.81	22.50
5	64QAM	25	0	21.01	21.10	20.80	22.50
5	256QAM	1	0	19.22	19.36	19.16	20.50
5	256QAM	1	12	19.15	19.18	18.93	20.50
5	256QAM	1	24	19.07	19.14	18.98	20.50
5	256QAM	12	0	19.04	19.17	19.00	20.50
5	256QAM	12	7	18.95	19.09	18.89	20.50
5	256QAM	12	13	18.99	19.04	18.76	20.50
5	256QAM	25	0	18.95	19.02	18.87	20.50

【LTE Band 14_Ant 0_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23330		
Frequency (MHz)					793		
10	QPSK	1	0		22.84		24.00
10	QPSK	1	25		22.67		24.00
10	QPSK	1	49		22.61		24.00
10	QPSK	25	0		22.73		24.00
10	QPSK	25	12		22.66		24.00
10	QPSK	25	25		22.63		24.00
10	QPSK	50	0		22.63		24.00
10	16QAM	1	0		22.76		24.00
10	16QAM	1	25		22.60		24.00
10	16QAM	1	49		22.83		24.00
10	16QAM	25	0		22.23		23.50
10	16QAM	25	12		22.13		23.50
10	16QAM	25	25		22.17		23.50
10	16QAM	50	0		22.15		23.50
10	64QAM	1	0		22.47		23.50
10	64QAM	1	25		22.41		23.50
10	64QAM	1	49		22.27		23.50
10	64QAM	25	0		21.22		22.50
10	64QAM	25	12		21.23		22.50
10	64QAM	25	25		21.16		22.50
10	64QAM	50	0		21.15		22.50
10	256QAM	1	0		19.45		20.50
10	256QAM	1	25		19.21		20.50
10	256QAM	1	49		19.20		20.50
10	256QAM	25	0		19.27		20.50
10	256QAM	25	12		19.21		20.50
10	256QAM	25	25		19.13		20.50
10	256QAM	50	0		19.17		20.50
Channel				23305	23330	23355	Tune-up limit
Frequency (MHz)				790.5	793	795.5	(dBm)
5	QPSK	1	0	22.79	22.80	22.63	24.00
5	QPSK	1	12	22.49	22.54	22.25	24.00
5	QPSK	1	24	22.35	22.48	22.29	24.00
5	QPSK	12	0	22.57	22.67	22.38	24.00

5	QPSK	12	7	22.39	22.51	22.30	24.00
5	QPSK	12	13	22.42	22.46	22.22	24.00
5	QPSK	25	0	22.43	22.47	22.21	24.00
5	16QAM	1	0	22.70	22.73	22.52	24.00
5	16QAM	1	12	22.29	22.42	22.13	24.00
5	16QAM	1	24	22.55	22.66	22.47	24.00
5	16QAM	12	0	21.96	22.10	21.88	23.50
5	16QAM	12	7	21.98	22.09	21.80	23.50
5	16QAM	12	13	22.04	22.14	21.84	23.50
5	16QAM	25	0	21.90	21.98	21.73	23.50
5	64QAM	1	0	22.37	22.44	22.16	23.50
5	64QAM	1	12	22.11	22.25	22.06	23.50
5	64QAM	1	24	22.06	22.11	21.84	23.50
5	64QAM	12	0	21.08	21.16	20.98	22.50
5	64QAM	12	7	21.07	21.15	20.88	22.50
5	64QAM	12	13	20.90	21.03	20.81	22.50
5	64QAM	25	0	21.01	21.10	20.80	22.50
5	256QAM	1	0	19.22	19.36	19.16	20.50
5	256QAM	1	12	19.15	19.18	18.93	20.50
5	256QAM	1	24	19.07	19.14	18.98	20.50
5	256QAM	12	0	19.04	19.17	19.00	20.50
5	256QAM	12	7	18.95	19.09	18.89	20.50
5	256QAM	12	13	18.99	19.04	18.76	20.50
5	256QAM	25	0	18.95	19.02	18.87	20.50

【LTE Band 14_Ant 0_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23330		
Frequency (MHz)					793		
10	QPSK	1	0		22.84		24.00
10	QPSK	1	25		22.67		24.00
10	QPSK	1	49		22.61		24.00
10	QPSK	25	0		22.73		24.00
10	QPSK	25	12		22.66		24.00
10	QPSK	25	25		22.63		24.00
10	QPSK	50	0		22.63		24.00
10	16QAM	1	0		22.76		24.00
10	16QAM	1	25		22.60		24.00
10	16QAM	1	49		22.83		24.00
10	16QAM	25	0		22.23		23.50
10	16QAM	25	12		22.13		23.50
10	16QAM	25	25		22.17		23.50
10	16QAM	50	0		22.15		23.50
10	64QAM	1	0		22.47		23.50
10	64QAM	1	25		22.41		23.50
10	64QAM	1	49		22.27		23.50
10	64QAM	25	0		21.22		22.50
10	64QAM	25	12		21.23		22.50
10	64QAM	25	25		21.16		22.50
10	64QAM	50	0		21.15		22.50
10	256QAM	1	0		19.45		20.50
10	256QAM	1	25		19.21		20.50
10	256QAM	1	49		19.20		20.50
10	256QAM	25	0		19.27		20.50
10	256QAM	25	12		19.21		20.50
10	256QAM	25	25		19.13		20.50
10	256QAM	50	0		19.17		20.50
Channel				23305	23330	23355	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	QPSK	1	0	22.79	22.80	22.63	24.00
5	QPSK	1	12	22.49	22.54	22.25	24.00
5	QPSK	1	24	22.35	22.48	22.29	24.00
5	QPSK	12	0	22.57	22.67	22.38	24.00
5	QPSK	12	7	22.39	22.51	22.30	24.00
5	QPSK	12	13	22.42	22.46	22.22	24.00
5	QPSK	25	0	22.43	22.47	22.21	24.00
5	16QAM	1	0	22.70	22.73	22.52	24.00
5	16QAM	1	12	22.29	22.42	22.13	24.00
5	16QAM	1	24	22.55	22.66	22.47	24.00
5	16QAM	12	0	21.96	22.10	21.88	23.50
5	16QAM	12	7	21.98	22.09	21.80	23.50

5	16QAM	12	13	22.04	22.14	21.84	23.50
5	16QAM	25	0	21.90	21.98	21.73	23.50
5	64QAM	1	0	22.37	22.44	22.16	23.50
5	64QAM	1	12	22.11	22.25	22.06	23.50
5	64QAM	1	24	22.06	22.11	21.84	23.50
5	64QAM	12	0	21.08	21.16	20.98	22.50
5	64QAM	12	7	21.07	21.15	20.88	22.50
5	64QAM	12	13	20.90	21.03	20.81	22.50
5	64QAM	25	0	21.01	21.10	20.80	22.50
5	256QAM	1	0	19.22	19.36	19.16	20.50
5	256QAM	1	12	19.15	19.18	18.93	20.50
5	256QAM	1	24	19.07	19.14	18.98	20.50
5	256QAM	12	0	19.04	19.17	19.00	20.50
5	256QAM	12	7	18.95	19.09	18.89	20.50
5	256QAM	12	13	18.99	19.04	18.76	20.50
5	256QAM	25	0	18.95	19.02	18.87	20.50

【LTE Band 14_Ant 0_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23330		
Frequency (MHz)					793		
10	QPSK	1	0		22.84		24.00
10	QPSK	1	25		22.67		24.00
10	QPSK	1	49		22.61		24.00
10	QPSK	25	0		22.73		24.00
10	QPSK	25	12		22.66		24.00
10	QPSK	25	25		22.63		24.00
10	QPSK	50	0		22.63		24.00
10	16QAM	1	0		22.76		24.00
10	16QAM	1	25		22.60		24.00
10	16QAM	1	49		22.83		24.00
10	16QAM	25	0		22.23		23.50
10	16QAM	25	12		22.13		23.50
10	16QAM	25	25		22.17		23.50
10	16QAM	50	0		22.15		23.50
10	64QAM	1	0		22.47		23.50
10	64QAM	1	25		22.41		23.50
10	64QAM	1	49		22.27		23.50
10	64QAM	25	0		21.22		22.50
10	64QAM	25	12		21.23		22.50
10	64QAM	25	25		21.16		22.50
10	64QAM	50	0		21.15		22.50
10	256QAM	1	0		19.45		20.50
10	256QAM	1	25		19.21		20.50
10	256QAM	1	49		19.20		20.50
10	256QAM	25	0		19.27		20.50
10	256QAM	25	12		19.21		20.50
10	256QAM	25	25		19.13		20.50
10	256QAM	50	0		19.17		20.50
Channel				23305	23330	23355	Tune-up limit
Frequency (MHz)				790.5	793	795.5	(dBm)
5	QPSK	1	0	22.79	22.80	22.63	24.00
5	QPSK	1	12	22.49	22.54	22.25	24.00
5	QPSK	1	24	22.35	22.48	22.29	24.00
5	QPSK	12	0	22.57	22.67	22.38	24.00
5	QPSK	12	7	22.39	22.51	22.30	24.00
5	QPSK	12	13	22.42	22.46	22.22	24.00
5	QPSK	25	0	22.43	22.47	22.21	24.00
5	16QAM	1	0	22.70	22.73	22.52	24.00
5	16QAM	1	12	22.29	22.42	22.13	24.00
5	16QAM	1	24	22.55	22.66	22.47	24.00
5	16QAM	12	0	21.96	22.10	21.88	23.50
5	16QAM	12	7	21.98	22.09	21.80	23.50
5	16QAM	12	13	22.04	22.14	21.84	23.50
5	16QAM	25	0	21.90	21.98	21.73	23.50
5	64QAM	1	0	22.37	22.44	22.16	23.50
5	64QAM	1	12	22.11	22.25	22.06	23.50
5	64QAM	1	24	22.06	22.11	21.84	23.50
5	64QAM	12	0	21.08	21.16	20.98	22.50
5	64QAM	12	7	21.07	21.15	20.88	22.50
5	64QAM	12	13	20.90	21.03	20.81	22.50

5	64QAM	25	0	21.01	21.10	20.80	22.50
5	256QAM	1	0	19.22	19.36	19.16	20.50
5	256QAM	1	12	19.15	19.18	18.93	20.50
5	256QAM	1	24	19.07	19.14	18.98	20.50
5	256QAM	12	0	19.04	19.17	19.00	20.50
5	256QAM	12	7	18.95	19.09	18.89	20.50
5	256QAM	12	13	18.99	19.04	18.76	20.50
5	256QAM	25	0	18.95	19.02	18.87	20.50

【LTE Band 14_Ant 0_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23330		
Frequency (MHz)					793		
10	QPSK	1	0		22.84		24.00
10	QPSK	1	25		22.67		24.00
10	QPSK	1	49		22.61		24.00
10	QPSK	25	0		22.73		24.00
10	QPSK	25	12		22.66		24.00
10	QPSK	25	25		22.63		24.00
10	QPSK	50	0		22.63		24.00
10	16QAM	1	0		22.76		24.00
10	16QAM	1	25		22.60		24.00
10	16QAM	1	49		22.83		24.00
10	16QAM	25	0		22.23		23.50
10	16QAM	25	12		22.13		23.50
10	16QAM	25	25		22.17		23.50
10	16QAM	50	0		22.15		23.50
10	64QAM	1	0		22.47		23.50
10	64QAM	1	25		22.41		23.50
10	64QAM	1	49		22.27		23.50
10	64QAM	25	0		21.22		22.50
10	64QAM	25	12		21.23		22.50
10	64QAM	25	25		21.16		22.50
10	64QAM	50	0		21.15		22.50
10	256QAM	1	0		19.45		20.50
10	256QAM	1	25		19.21		20.50
10	256QAM	1	49		19.20		20.50
10	256QAM	25	0		19.27		20.50
10	256QAM	25	12		19.21		20.50
10	256QAM	25	25		19.13		20.50
10	256QAM	50	0		19.17		20.50
Channel				23305	23330	23355	Tune-up limit
Frequency (MHz)				790.5	793	795.5	(dBm)
5	QPSK	1	0	22.79	22.80	22.63	24.00
5	QPSK	1	12	22.49	22.54	22.25	24.00
5	QPSK	1	24	22.35	22.48	22.29	24.00
5	QPSK	12	0	22.57	22.67	22.38	24.00
5	QPSK	12	7	22.39	22.51	22.30	24.00
5	QPSK	12	13	22.42	22.46	22.22	24.00
5	QPSK	25	0	22.43	22.47	22.21	24.00
5	16QAM	1	0	22.70	22.73	22.52	24.00
5	16QAM	1	12	22.29	22.42	22.13	24.00
5	16QAM	1	24	22.55	22.66	22.47	24.00
5	16QAM	12	0	21.96	22.10	21.88	23.50
5	16QAM	12	7	21.98	22.09	21.80	23.50
5	16QAM	12	13	22.04	22.14	21.84	23.50
5	16QAM	25	0	21.90	21.98	21.73	23.50
5	64QAM	1	0	22.37	22.44	22.16	23.50
5	64QAM	1	12	22.11	22.25	22.06	23.50
5	64QAM	1	24	22.06	22.11	21.84	23.50
5	64QAM	12	0	21.08	21.16	20.98	22.50
5	64QAM	12	7	21.07	21.15	20.88	22.50
5	64QAM	12	13	20.90	21.03	20.81	22.50
5	64QAM	25	0	21.01	21.10	20.80	22.50
5	256QAM	1	0	19.22	19.36	19.16	20.50
5	256QAM	1	12	19.15	19.18	18.93	20.50
5	256QAM	1	24	19.07	19.14	18.98	20.50
5	256QAM	12	0	19.04	19.17	19.00	20.50
5	256QAM	12	7	18.95	19.09	18.89	20.50
5	256QAM	12	13	18.99	19.04	18.76	20.50
5	256QAM	25	0	18.95	19.02	18.87	20.50

【LTE Band 14_Ant 0_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23330		
Frequency (MHz)					793		
10	QPSK	1	0		22.84		23.90
10	QPSK	1	25		22.67		23.90
10	QPSK	1	49		22.61		23.90
10	QPSK	25	0		22.73		23.90
10	QPSK	25	12		22.66		23.90
10	QPSK	25	25		22.63		23.90
10	QPSK	50	0		22.63		23.90
10	16QAM	1	0		22.76		23.90
10	16QAM	1	25		22.60		23.90
10	16QAM	1	49		22.83		23.90
10	16QAM	25	0		22.23		23.40
10	16QAM	25	12		22.13		23.40
10	16QAM	25	25		22.17		23.40
10	16QAM	50	0		22.15		23.40
10	64QAM	1	0		22.47		23.40
10	64QAM	1	25		22.41		23.40
10	64QAM	1	49		22.27		23.40
10	64QAM	25	0		21.22		22.40
10	64QAM	25	12		21.23		22.40
10	64QAM	25	25		21.16		22.40
10	64QAM	50	0		21.15		22.40
10	256QAM	1	0		19.45		20.40
10	256QAM	1	25		19.21		20.40
10	256QAM	1	49		19.20		20.40
10	256QAM	25	0		19.27		20.40
10	256QAM	25	12		19.21		20.40
10	256QAM	25	25		19.13		20.40
10	256QAM	50	0		19.17		20.40
Channel				23305	23330	23355	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	QPSK	1	0	22.79	22.80	22.63	23.90
5	QPSK	1	12	22.49	22.54	22.25	23.90
5	QPSK	1	24	22.35	22.48	22.29	23.90
5	QPSK	12	0	22.57	22.67	22.38	23.90
5	QPSK	12	7	22.39	22.51	22.30	23.90
5	QPSK	12	13	22.42	22.46	22.22	23.90
5	QPSK	25	0	22.43	22.47	22.21	23.90
5	16QAM	1	0	22.70	22.73	22.52	23.90
5	16QAM	1	12	22.29	22.42	22.13	23.90
5	16QAM	1	24	22.55	22.66	22.47	23.90
5	16QAM	12	0	21.96	22.10	21.88	23.40
5	16QAM	12	7	21.98	22.09	21.80	23.40
5	16QAM	12	13	22.04	22.14	21.84	23.40
5	16QAM	25	0	21.90	21.98	21.73	23.40
5	64QAM	1	0	22.37	22.44	22.16	23.40
5	64QAM	1	12	22.11	22.25	22.06	23.40
5	64QAM	1	24	22.06	22.11	21.84	23.40
5	64QAM	12	0	21.08	21.16	20.98	22.40
5	64QAM	12	7	21.07	21.15	20.88	22.40
5	64QAM	12	13	20.90	21.03	20.81	22.40
5	64QAM	25	0	21.01	21.10	20.80	22.40
5	256QAM	1	0	19.22	19.36	19.16	20.40
5	256QAM	1	12	19.15	19.18	18.93	20.40
5	256QAM	1	24	19.07	19.14	18.98	20.40
5	256QAM	12	0	19.04	19.17	19.00	20.40
5	256QAM	12	7	18.95	19.09	18.89	20.40
5	256QAM	12	13	18.99	19.04	18.76	20.40
5	256QAM	25	0	18.95	19.02	18.87	20.40

【LTE Band 14_Ant 1_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low	Power Middle	Power High	Tune-up limit (dBm)
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Channel				Ch. / Freq.	Ch. / Freq.	Ch. / Freq.	
Frequency (MHz)				23330	793		
10	QPSK	1	0	23.25	22.89	24.00	
10	QPSK	1	25	22.89	22.89	24.00	
10	QPSK	1	49	22.89	22.89	24.00	
10	QPSK	25	0	23.02	22.88	24.00	
10	QPSK	25	12	22.88	22.84	24.00	
10	QPSK	25	25	22.84	22.80	23.50	
10	QPSK	50	0	22.80	23.15	24.00	
10	16QAM	1	0	23.15	23.17	24.00	
10	16QAM	1	25	23.17	23.15	24.00	
10	16QAM	1	49	23.15	22.47	23.00	
10	16QAM	25	0	22.47	22.34	23.00	
10	16QAM	25	12	22.34	22.39	23.00	
10	16QAM	25	25	22.39	22.32	23.00	
10	16QAM	50	0	22.32	22.90	24.00	
10	64QAM	1	0	22.90	22.87	24.00	
10	64QAM	1	25	22.87	22.52	24.00	
10	64QAM	1	49	22.52	22.42	23.00	
10	64QAM	25	0	22.42	22.41	23.00	
10	64QAM	25	12	22.41	21.93	23.00	
10	64QAM	25	25	21.93	22.56	23.00	
10	64QAM	50	0	22.56	19.52	20.00	
10	256QAM	1	0	19.52	19.62	20.00	
10	256QAM	1	25	19.62	19.66	20.00	
10	256QAM	1	49	19.66	19.36	20.00	
10	256QAM	25	0	19.36	19.41	20.00	
10	256QAM	25	12	19.41	19.47	20.00	
10	256QAM	25	25	19.47	19.45	20.00	
10	256QAM	50	0	19.45	23305	23355	Tune-up limit (dBm)
Channel				23305	23330	23355	
Frequency (MHz)				790.5	793	795.5	
5	QPSK	1	0	23.10	23.17	23.14	24.00
5	QPSK	1	12	22.57	22.78	22.64	24.00
5	QPSK	1	24	22.66	22.76	22.67	24.00
5	QPSK	12	0	22.78	22.88	22.77	24.00
5	QPSK	12	7	22.67	22.76	22.68	24.00
5	QPSK	12	13	22.71	22.81	22.68	24.00
5	QPSK	25	0	22.59	22.75	22.61	23.50
5	16QAM	1	0	22.96	23.13	22.99	24.00
5	16QAM	1	12	22.88	23.02	22.85	24.00
5	16QAM	1	24	22.86	23.05	22.96	24.00
5	16QAM	12	0	22.22	22.40	22.33	23.00
5	16QAM	12	7	21.95	22.17	22.12	23.00
5	16QAM	12	13	22.04	22.25	22.18	23.00
5	16QAM	25	0	21.98	22.17	22.13	23.00
5	64QAM	1	0	22.61	22.78	22.68	24.00
5	64QAM	1	12	22.60	22.80	22.75	24.00
5	64QAM	1	24	22.15	22.34	22.20	24.00
5	64QAM	12	0	22.08	22.26	22.14	23.00
5	64QAM	12	7	22.27	22.37	22.21	23.00
5	64QAM	12	13	21.59	21.79	21.68	23.00
5	64QAM	25	0	22.31	22.45	22.28	23.00
5	256QAM	1	0	19.29	19.48	19.37	20.00
5	256QAM	1	12	19.28	19.48	19.41	20.00
5	256QAM	1	24	19.45	19.53	19.42	20.00
5	256QAM	12	0	19.16	19.31	19.22	20.00
5	256QAM	12	7	19.14	19.24	19.08	20.00
5	256QAM	12	13	19.26	19.40	19.25	20.00
5	256QAM	25	0	19.16	19.31	19.23	20.00

【LTE Band 14_Ant 1_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23330	793		
Frequency (MHz)				23.25	22.89		
10	QPSK	1	0	23.25	22.89	24.00	
10	QPSK	1	25	22.89	22.89	24.00	
10	QPSK	1	49	22.89	22.89	24.00	
10	QPSK	25	0	23.02	22.88	24.00	
10	QPSK	25	12	22.88	22.88	24.00	

10	QPSK	25	25		22.84		24.00
10	QPSK	50	0		22.80		23.50
10	16QAM	1	0		23.15		24.00
10	16QAM	1	25		23.17		24.00
10	16QAM	1	49		23.15		24.00
10	16QAM	25	0		22.47		23.00
10	16QAM	25	12		22.34		23.00
10	16QAM	25	25		22.39		23.00
10	16QAM	50	0		22.32		23.00
10	64QAM	1	0		22.90		24.00
10	64QAM	1	25		22.87		24.00
10	64QAM	1	49		22.52		24.00
10	64QAM	25	0		22.42		23.00
10	64QAM	25	12		22.41		23.00
10	64QAM	25	25		21.93		23.00
10	64QAM	50	0		22.56		23.00
10	256QAM	1	0		19.52		20.00
10	256QAM	1	25		19.62		20.00
10	256QAM	1	49		19.66		20.00
10	256QAM	25	0		19.36		20.00
10	256QAM	25	12		19.41		20.00
10	256QAM	25	25		19.47		20.00
10	256QAM	50	0		19.45		20.00
Channel				23305	23330	23355	Tune-up limit
Frequency (MHz)				790.5	793	795.5	(dBm)
5	QPSK	1	0	23.10	23.17	23.14	24.00
5	QPSK	1	12	22.57	22.78	22.64	24.00
5	QPSK	1	24	22.66	22.76	22.67	24.00
5	QPSK	12	0	22.78	22.88	22.77	24.00
5	QPSK	12	7	22.67	22.76	22.68	24.00
5	QPSK	12	13	22.71	22.81	22.68	24.00
5	QPSK	25	0	22.59	22.75	22.61	23.50
5	16QAM	1	0	22.96	23.13	22.99	24.00
5	16QAM	1	12	22.88	23.02	22.85	24.00
5	16QAM	1	24	22.86	23.05	22.96	24.00
5	16QAM	12	0	22.22	22.40	22.33	23.00
5	16QAM	12	7	21.95	22.17	22.12	23.00
5	16QAM	12	13	22.04	22.25	22.18	23.00
5	16QAM	25	0	21.98	22.17	22.13	23.00
5	64QAM	1	0	22.61	22.78	22.68	24.00
5	64QAM	1	12	22.60	22.80	22.75	24.00
5	64QAM	1	24	22.15	22.34	22.20	24.00
5	64QAM	12	0	22.08	22.26	22.14	23.00
5	64QAM	12	7	22.27	22.37	22.21	23.00
5	64QAM	12	13	21.59	21.79	21.68	23.00
5	64QAM	25	0	22.31	22.45	22.28	23.00
5	256QAM	1	0	19.29	19.48	19.37	20.00
5	256QAM	1	12	19.28	19.48	19.41	20.00
5	256QAM	1	24	19.45	19.53	19.42	20.00
5	256QAM	12	0	19.16	19.31	19.22	20.00
5	256QAM	12	7	19.14	19.24	19.08	20.00
5	256QAM	12	13	19.26	19.40	19.25	20.00
5	256QAM	25	0	19.16	19.31	19.23	20.00

【LTE Band 14_Ant 1_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23330		
Frequency (MHz)					793		
10	QPSK	1	0		23.25		24.00
10	QPSK	1	25		22.89		24.00
10	QPSK	1	49		22.89		24.00
10	QPSK	25	0		23.02		24.00
10	QPSK	25	12		22.88		24.00
10	QPSK	25	25		22.84		24.00
10	QPSK	50	0		22.80		23.50
10	16QAM	1	0		23.15		24.00
10	16QAM	1	25		23.17		24.00
10	16QAM	1	49		23.15		24.00
10	16QAM	25	0		22.47		23.00
10	16QAM	25	12		22.34		23.00
10	16QAM	25	25		22.39		23.00

10	16QAM	50	0		22.32		23.00
10	64QAM	1	0		22.90		24.00
10	64QAM	1	25		22.87		24.00
10	64QAM	1	49		22.52		24.00
10	64QAM	25	0		22.42		23.00
10	64QAM	25	12		22.41		23.00
10	64QAM	25	25		21.93		23.00
10	64QAM	50	0		22.56		23.00
10	256QAM	1	0		19.52		20.00
10	256QAM	1	25		19.62		20.00
10	256QAM	1	49		19.66		20.00
10	256QAM	25	0		19.36		20.00
10	256QAM	25	12		19.41		20.00
10	256QAM	25	25		19.47		20.00
10	256QAM	50	0		19.45		20.00
Channel				23305	23330	23355	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	QPSK	1	0	23.10	23.17	23.14	24.00
5	QPSK	1	12	22.57	22.78	22.64	24.00
5	QPSK	1	24	22.66	22.76	22.67	24.00
5	QPSK	12	0	22.78	22.88	22.77	24.00
5	QPSK	12	7	22.67	22.76	22.68	24.00
5	QPSK	12	13	22.71	22.81	22.68	24.00
5	QPSK	25	0	22.59	22.75	22.61	23.50
5	16QAM	1	0	22.96	23.13	22.99	24.00
5	16QAM	1	12	22.88	23.02	22.85	24.00
5	16QAM	1	24	22.86	23.05	22.96	24.00
5	16QAM	12	0	22.22	22.40	22.33	23.00
5	16QAM	12	7	21.95	22.17	22.12	23.00
5	16QAM	12	13	22.04	22.25	22.18	23.00
5	16QAM	25	0	21.98	22.17	22.13	23.00
5	64QAM	1	0	22.61	22.78	22.68	24.00
5	64QAM	1	12	22.60	22.80	22.75	24.00
5	64QAM	1	24	22.15	22.34	22.20	24.00
5	64QAM	12	0	22.08	22.26	22.14	23.00
5	64QAM	12	7	22.27	22.37	22.21	23.00
5	64QAM	12	13	21.59	21.79	21.68	23.00
5	64QAM	25	0	22.31	22.45	22.28	23.00
5	256QAM	1	0	19.29	19.48	19.37	20.00
5	256QAM	1	12	19.28	19.48	19.41	20.00
5	256QAM	1	24	19.45	19.53	19.42	20.00
5	256QAM	12	0	19.16	19.31	19.22	20.00
5	256QAM	12	7	19.14	19.24	19.08	20.00
5	256QAM	12	13	19.26	19.40	19.25	20.00
5	256QAM	25	0	19.16	19.31	19.23	20.00

【LTE Band 14_Ant 1_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23330		
Frequency (MHz)					793		
10	QPSK	1	0		23.25		24.00
10	QPSK	1	25		22.89		24.00
10	QPSK	1	49		22.89		24.00
10	QPSK	25	0		23.02		24.00
10	QPSK	25	12		22.88		24.00
10	QPSK	25	25		22.84		24.00
10	QPSK	50	0		22.80		23.50
10	16QAM	1	0		23.15		24.00
10	16QAM	1	25		23.17		24.00
10	16QAM	1	49		23.15		24.00
10	16QAM	25	0		22.47		23.00
10	16QAM	25	12		22.34		23.00
10	16QAM	25	25		22.39		23.00
10	16QAM	50	0		22.32		23.00
10	64QAM	1	0		22.90		24.00
10	64QAM	1	25		22.87		24.00
10	64QAM	1	49		22.52		24.00
10	64QAM	25	0		22.42		23.00
10	64QAM	25	12		22.41		23.00
10	64QAM	25	25		21.93		23.00
10	64QAM	50	0		22.56		23.00

10	256QAM	1	0		19.52		20.00
10	256QAM	1	25		19.62		20.00
10	256QAM	1	49		19.66		20.00
10	256QAM	25	0		19.36		20.00
10	256QAM	25	12		19.41		20.00
10	256QAM	25	25		19.47		20.00
10	256QAM	50	0		19.45		20.00
Channel				23305	23330	23355	Tune-up limit
Frequency (MHz)				790.5	793	795.5	(dBm)
5	QPSK	1	0	23.10	23.17	23.14	24.00
5	QPSK	1	12	22.57	22.78	22.64	24.00
5	QPSK	1	24	22.66	22.76	22.67	24.00
5	QPSK	12	0	22.78	22.88	22.77	24.00
5	QPSK	12	7	22.67	22.76	22.68	24.00
5	QPSK	12	13	22.71	22.81	22.68	24.00
5	QPSK	25	0	22.59	22.75	22.61	23.50
5	16QAM	1	0	22.96	23.13	22.99	24.00
5	16QAM	1	12	22.88	23.02	22.85	24.00
5	16QAM	1	24	22.86	23.05	22.96	24.00
5	16QAM	12	0	22.22	22.40	22.33	23.00
5	16QAM	12	7	21.95	22.17	22.12	23.00
5	16QAM	12	13	22.04	22.25	22.18	23.00
5	16QAM	25	0	21.98	22.17	22.13	23.00
5	64QAM	1	0	22.61	22.78	22.68	24.00
5	64QAM	1	12	22.60	22.80	22.75	24.00
5	64QAM	1	24	22.15	22.34	22.20	24.00
5	64QAM	12	0	22.08	22.26	22.14	23.00
5	64QAM	12	7	22.27	22.37	22.21	23.00
5	64QAM	12	13	21.59	21.79	21.68	23.00
5	64QAM	25	0	22.31	22.45	22.28	23.00
5	256QAM	1	0	19.29	19.48	19.37	20.00
5	256QAM	1	12	19.28	19.48	19.41	20.00
5	256QAM	1	24	19.45	19.53	19.42	20.00
5	256QAM	12	0	19.16	19.31	19.22	20.00
5	256QAM	12	7	19.14	19.24	19.08	20.00
5	256QAM	12	13	19.26	19.40	19.25	20.00
5	256QAM	25	0	19.16	19.31	19.23	20.00

【LTE Band 14_Ant 1_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23330		
Frequency (MHz)					793		
10	QPSK	1	0		23.25		24.00
10	QPSK	1	25		22.89		24.00
10	QPSK	1	49		22.89		24.00
10	QPSK	25	0		23.02		24.00
10	QPSK	25	12		22.88		24.00
10	QPSK	25	25		22.84		24.00
10	QPSK	50	0		22.80		23.50
10	16QAM	1	0		23.15		24.00
10	16QAM	1	25		23.17		24.00
10	16QAM	1	49		23.15		24.00
10	16QAM	25	0		22.47		23.00
10	16QAM	25	12		22.34		23.00
10	16QAM	25	25		22.39		23.00
10	16QAM	50	0		22.32		23.00
10	64QAM	1	0		22.90		24.00
10	64QAM	1	25		22.87		24.00
10	64QAM	1	49		22.52		24.00
10	64QAM	25	0		22.42		23.00
10	64QAM	25	12		22.41		23.00
10	64QAM	25	25		21.93		23.00
10	64QAM	50	0		22.56		23.00
10	256QAM	1	0		19.52		20.00
10	256QAM	1	25		19.62		20.00
10	256QAM	1	49		19.66		20.00
10	256QAM	25	0		19.36		20.00
10	256QAM	25	12		19.41		20.00
10	256QAM	25	25		19.47		20.00
10	256QAM	50	0		19.45		20.00
Channel				23305	23330	23355	Tune-up limit

Frequency (MHz)				790.5	793	795.5	(dBm)
5	QPSK	1	0	23.10	23.17	23.14	24.00
5	QPSK	1	12	22.57	22.78	22.64	24.00
5	QPSK	1	24	22.66	22.76	22.67	24.00
5	QPSK	12	0	22.78	22.88	22.77	24.00
5	QPSK	12	7	22.67	22.76	22.68	24.00
5	QPSK	12	13	22.71	22.81	22.68	24.00
5	QPSK	25	0	22.59	22.75	22.61	23.50
5	16QAM	1	0	22.96	23.13	22.99	24.00
5	16QAM	1	12	22.88	23.02	22.85	24.00
5	16QAM	1	24	22.86	23.05	22.96	24.00
5	16QAM	12	0	22.22	22.40	22.33	23.00
5	16QAM	12	7	21.95	22.17	22.12	23.00
5	16QAM	12	13	22.04	22.25	22.18	23.00
5	16QAM	25	0	21.98	22.17	22.13	23.00
5	64QAM	1	0	22.61	22.78	22.68	24.00
5	64QAM	1	12	22.60	22.80	22.75	24.00
5	64QAM	1	24	22.15	22.34	22.20	24.00
5	64QAM	12	0	22.08	22.26	22.14	23.00
5	64QAM	12	7	22.27	22.37	22.21	23.00
5	64QAM	12	13	21.59	21.79	21.68	23.00
5	64QAM	25	0	22.31	22.45	22.28	23.00
5	256QAM	1	0	19.29	19.48	19.37	20.00
5	256QAM	1	12	19.28	19.48	19.41	20.00
5	256QAM	1	24	19.45	19.53	19.42	20.00
5	256QAM	12	0	19.16	19.31	19.22	20.00
5	256QAM	12	7	19.14	19.24	19.08	20.00
5	256QAM	12	13	19.26	19.40	19.25	20.00
5	256QAM	25	0	19.16	19.31	19.23	20.00

【LTE Band 14_Ant 1_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23330		
Frequency (MHz)					793		
10	QPSK	1	0		23.25		24.00
10	QPSK	1	25		22.89		24.00
10	QPSK	1	49		22.89		24.00
10	QPSK	25	0		23.02		24.00
10	QPSK	25	12		22.88		24.00
10	QPSK	25	25		22.84		24.00
10	QPSK	50	0		22.80		23.50
10	16QAM	1	0		23.15		24.00
10	16QAM	1	25		23.17		24.00
10	16QAM	1	49		23.15		24.00
10	16QAM	25	0		22.47		23.00
10	16QAM	25	12		22.34		23.00
10	16QAM	25	25		22.39		23.00
10	16QAM	50	0		22.32		23.00
10	64QAM	1	0		22.90		24.00
10	64QAM	1	25		22.87		24.00
10	64QAM	1	49		22.52		24.00
10	64QAM	25	0		22.42		23.00
10	64QAM	25	12		22.41		23.00
10	64QAM	25	25		21.93		23.00
10	64QAM	50	0		22.56		23.00
10	256QAM	1	0		19.52		20.00
10	256QAM	1	25		19.62		20.00
10	256QAM	1	49		19.66		20.00
10	256QAM	25	0		19.36		20.00
10	256QAM	25	12		19.41		20.00
10	256QAM	25	25		19.47		20.00
10	256QAM	50	0		19.45		20.00
Channel				23305	23330	23355	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	QPSK	1	0	23.10	23.17	23.14	24.00
5	QPSK	1	12	22.57	22.78	22.64	24.00
5	QPSK	1	24	22.66	22.76	22.67	24.00
5	QPSK	12	0	22.78	22.88	22.77	24.00
5	QPSK	12	7	22.67	22.76	22.68	24.00
5	QPSK	12	13	22.71	22.81	22.68	24.00
5	QPSK	25	0	22.59	22.75	22.61	23.50

5	16QAM	1	0	22.96	23.13	22.99	24.00
5	16QAM	1	12	22.88	23.02	22.85	24.00
5	16QAM	1	24	22.86	23.05	22.96	24.00
5	16QAM	12	0	22.22	22.40	22.33	23.00
5	16QAM	12	7	21.95	22.17	22.12	23.00
5	16QAM	12	13	22.04	22.25	22.18	23.00
5	16QAM	25	0	21.98	22.17	22.13	23.00
5	64QAM	1	0	22.61	22.78	22.68	24.00
5	64QAM	1	12	22.60	22.80	22.75	24.00
5	64QAM	1	24	22.15	22.34	22.20	24.00
5	64QAM	12	0	22.08	22.26	22.14	23.00
5	64QAM	12	7	22.27	22.37	22.21	23.00
5	64QAM	12	13	21.59	21.79	21.68	23.00
5	64QAM	25	0	22.31	22.45	22.28	23.00
5	256QAM	1	0	19.29	19.48	19.37	20.00
5	256QAM	1	12	19.28	19.48	19.41	20.00
5	256QAM	1	24	19.45	19.53	19.42	20.00
5	256QAM	12	0	19.16	19.31	19.22	20.00
5	256QAM	12	7	19.14	19.24	19.08	20.00
5	256QAM	12	13	19.26	19.40	19.25	20.00
5	256QAM	25	0	19.16	19.31	19.23	20.00

【LTE Band 17_Ant 0_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23780	23790	23800	Tune-up limit (dBm)
Frequency (MHz)				709	710	711	
10	QPSK	1	0	22.97	23.23	22.87	24.00
10	QPSK	1	25	22.40	22.79	22.41	24.00
10	QPSK	1	49	22.54	22.81	22.38	24.00
10	QPSK	25	0	22.68	23.02	22.55	24.00
10	QPSK	25	12	22.62	22.95	22.50	24.00
10	QPSK	25	25	22.59	22.87	22.47	24.00
10	QPSK	50	0	22.59	22.95	22.46	24.00
10	16QAM	1	0	22.81	23.20	22.82	24.00
10	16QAM	1	25	22.68	23.06	22.56	24.00
10	16QAM	1	49	22.65	22.99	22.52	24.00
10	16QAM	25	0	22.17	22.51	22.04	23.50
10	16QAM	25	12	22.13	22.45	22.07	23.50
10	16QAM	25	25	22.04	22.44	22.03	23.50
10	16QAM	50	0	22.11	22.49	22.13	23.50
10	64QAM	1	0	22.17	22.56	22.10	23.50
10	64QAM	1	25	22.06	22.45	21.96	23.50
10	64QAM	1	49	22.12	22.46	22.07	23.50
10	64QAM	25	0	21.14	21.53	21.05	22.50
10	64QAM	25	12	21.21	21.49	21.05	22.50
10	64QAM	25	25	21.11	21.45	21.10	22.50
10	64QAM	50	0	21.23	21.53	21.15	22.50
10	256QAM	1	0	19.41	19.71	19.36	20.50
10	256QAM	1	25	19.12	19.38	18.98	20.50
10	256QAM	1	49	19.10	19.43	19.03	20.50
10	256QAM	25	0	19.10	19.44	18.99	20.50
10	256QAM	25	12	19.12	19.43	19.03	20.50
10	256QAM	25	25	19.09	19.40	19.06	20.50
10	256QAM	50	0	19.11	19.44	19.01	20.50
Channel				23755	23790	23825	Tune-up limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	22.85	23.21	22.76	24.00
5	QPSK	1	12	22.27	22.66	22.28	24.00
5	QPSK	1	24	22.48	22.75	22.28	24.00
5	QPSK	12	0	22.53	22.98	22.40	24.00
5	QPSK	12	7	22.54	22.87	22.39	24.00
5	QPSK	12	13	22.45	22.76	22.40	24.00
5	QPSK	25	0	22.49	22.82	22.36	24.00
5	16QAM	1	0	22.72	23.16	22.75	24.00
5	16QAM	1	12	22.62	23.00	22.53	24.00
5	16QAM	1	24	22.56	22.85	22.41	24.00
5	16QAM	12	0	22.06	22.50	22.01	23.50
5	16QAM	12	7	22.02	22.36	21.95	23.50
5	16QAM	12	13	21.94	22.32	21.95	23.50
5	16QAM	25	0	22.06	22.36	22.05	23.50
5	64QAM	1	0	22.11	22.44	22.02	23.50

5	64QAM	1	12	21.98	22.42	21.89	23.50
5	64QAM	1	24	22.04	22.33	21.93	23.50
5	64QAM	12	0	21.01	21.48	21.03	22.50
5	64QAM	12	7	21.07	21.42	21.00	22.50
5	64QAM	12	13	21.04	21.38	21.03	22.50
5	64QAM	25	0	21.17	21.40	21.05	22.50
5	256QAM	1	0	19.27	19.67	19.32	20.50
5	256QAM	1	12	19.04	19.26	18.90	20.50
5	256QAM	1	24	19.04	19.37	18.99	20.50
5	256QAM	12	0	18.98	19.31	18.88	20.50
5	256QAM	12	7	19.01	19.41	18.93	20.50
5	256QAM	12	13	19.00	19.27	18.94	20.50
5	256QAM	25	0	18.96	19.32	18.99	20.50

【LTE Band 17_Ant 0_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23780	23790	23800	Tune-up limit (dBm)
Frequency (MHz)				709	710	711	
10	QPSK	1	0	22.97	23.23	22.87	24.00
10	QPSK	1	25	22.40	22.79	22.41	24.00
10	QPSK	1	49	22.54	22.81	22.38	24.00
10	QPSK	25	0	22.68	23.02	22.55	24.00
10	QPSK	25	12	22.62	22.95	22.50	24.00
10	QPSK	25	25	22.59	22.87	22.47	24.00
10	QPSK	50	0	22.59	22.95	22.46	24.00
10	16QAM	1	0	22.81	23.20	22.82	24.00
10	16QAM	1	25	22.68	23.06	22.56	24.00
10	16QAM	1	49	22.65	22.99	22.52	24.00
10	16QAM	25	0	22.17	22.51	22.04	23.50
10	16QAM	25	12	22.13	22.45	22.07	23.50
10	16QAM	25	25	22.04	22.44	22.03	23.50
10	16QAM	50	0	22.11	22.49	22.13	23.50
10	64QAM	1	0	22.17	22.56	22.10	23.50
10	64QAM	1	25	22.06	22.45	21.96	23.50
10	64QAM	1	49	22.12	22.46	22.07	23.50
10	64QAM	25	0	21.14	21.53	21.05	22.50
10	64QAM	25	12	21.21	21.49	21.05	22.50
10	64QAM	25	25	21.11	21.45	21.10	22.50
10	64QAM	50	0	21.23	21.53	21.15	22.50
10	256QAM	1	0	19.41	19.71	19.36	20.50
10	256QAM	1	25	19.12	19.38	18.98	20.50
10	256QAM	1	49	19.10	19.43	19.03	20.50
10	256QAM	25	0	19.10	19.44	18.99	20.50
10	256QAM	25	12	19.12	19.43	19.03	20.50
10	256QAM	25	25	19.09	19.40	19.06	20.50
10	256QAM	50	0	19.11	19.44	19.01	20.50
Channel				23755	23790	23825	Tune-up limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	22.85	23.21	22.76	24.00
5	QPSK	1	12	22.27	22.66	22.28	24.00
5	QPSK	1	24	22.48	22.75	22.28	24.00
5	QPSK	12	0	22.53	22.98	22.40	24.00
5	QPSK	12	7	22.54	22.87	22.39	24.00
5	QPSK	12	13	22.45	22.76	22.40	24.00
5	QPSK	25	0	22.49	22.82	22.36	24.00
5	16QAM	1	0	22.72	23.16	22.75	24.00
5	16QAM	1	12	22.62	23.00	22.53	24.00
5	16QAM	1	24	22.56	22.85	22.41	24.00
5	16QAM	12	0	22.06	22.50	22.01	23.50
5	16QAM	12	7	22.02	22.36	21.95	23.50
5	16QAM	12	13	21.94	22.32	21.95	23.50
5	16QAM	25	0	22.06	22.36	22.05	23.50
5	64QAM	1	0	22.11	22.44	22.02	23.50
5	64QAM	1	12	21.98	22.42	21.89	23.50
5	64QAM	1	24	22.04	22.33	21.93	23.50
5	64QAM	12	0	21.01	21.48	21.03	22.50
5	64QAM	12	7	21.07	21.42	21.00	22.50
5	64QAM	12	13	21.04	21.38	21.03	22.50
5	64QAM	25	0	21.17	21.40	21.05	22.50
5	256QAM	1	0	19.27	19.67	19.32	20.50
5	256QAM	1	12	19.04	19.26	18.90	20.50