

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	32.71	32.75	33.14	34.00	23.71	23.75	24.14	25.00
GPRS 1 Tx slot	32.72	32.78	33.17	34.00	23.72	23.78	24.17	25.00
GPRS 2 Tx slots	30.24	30.52	30.38	31.50	24.24	24.52	24.38	25.50
GPRS 3 Tx slots	28.70	28.84	28.77	30.00	24.44	24.58	24.51	25.74
GPRS 4 Tx slots	26.84	27.27	27.56	28.50	23.84	24.27	24.56	25.50
EDGE 1 Tx slot	26.72	26.50	26.28	27.50	17.72	17.50	17.28	18.50
EDGE 2 Tx slots	25.73	25.27	24.83	26.50	19.73	19.27	18.83	20.50
EDGE 3 Tx slots	24.32	23.43	23.17	25.00	20.06	19.17	18.91	20.74
EDGE 4 Tx slots	22.17	21.24	21.07	23.00	19.17	18.24	18.07	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	32.71	32.75	33.14	34.00	23.71	23.75	24.14	25.00
GPRS 1 Tx slot	32.72	32.78	33.17	34.00	23.72	23.78	24.17	25.00
GPRS 2 Tx slots	30.24	30.52	30.38	31.50	24.24	24.52	24.38	25.50
GPRS 3 Tx slots	28.70	28.84	28.77	30.00	24.44	24.58	24.51	25.74
GPRS 4 Tx slots	26.84	27.27	27.56	28.50	23.84	24.27	24.56	25.50
EDGE 1 Tx slot	26.72	26.50	26.28	27.50	17.72	17.50	17.28	18.50
EDGE 2 Tx slots	25.73	25.27	24.83	26.50	19.73	19.27	18.83	20.50
EDGE 3 Tx slots	24.32	23.43	23.17	25.00	20.06	19.17	18.91	20.74
EDGE 4 Tx slots	22.17	21.24	21.07	23.00	19.17	18.24	18.07	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	32.71	32.75	33.14	34.00	23.71	23.75	24.14	25.00
GPRS 1 Tx slot	32.72	32.78	33.17	34.00	23.72	23.78	24.17	25.00
GPRS 2 Tx slots	30.24	30.52	30.38	31.00	24.24	24.52	24.38	25.00
GPRS 3 Tx slots	28.70	28.84	28.77	29.50	24.44	24.58	24.51	25.24
GPRS 4 Tx slots	26.84	27.27	27.56	28.00	23.84	24.27	24.56	25.00
EDGE 1 Tx slot	26.72	26.50	26.28	27.50	17.72	17.50	17.28	18.50
EDGE 2 Tx slots	25.73	25.27	24.83	26.50	19.73	19.27	18.83	20.50
EDGE 3 Tx slots	24.32	23.43	23.17	25.00	20.06	19.17	18.91	20.74
EDGE 4 Tx slots	22.17	21.24	21.07	23.00	19.17	18.24	18.07	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	32.71	32.75	33.14	34.00	23.71	23.75	24.14	25.00
GPRS 1 Tx slot	32.72	32.78	33.17	34.00	23.72	23.78	24.17	25.00
GPRS 2 Tx slots	30.24	30.52	30.38	31.50	24.24	24.52	24.38	25.50
GPRS 3 Tx slots	28.70	28.84	28.77	30.00	24.44	24.58	24.51	25.74
GPRS 4 Tx slots	26.84	27.27	27.56	28.50	23.84	24.27	24.56	25.50
EDGE 1 Tx slot	26.72	26.50	26.28	27.50	17.72	17.50	17.28	18.50
EDGE 2 Tx slots	25.73	25.27	24.83	26.50	19.73	19.27	18.83	20.50
EDGE 3 Tx slots	24.32	23.43	23.17	25.00	20.06	19.17	18.91	20.74
EDGE 4 Tx slots	22.17	21.24	21.07	23.00	19.17	18.24	18.07	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	32.71	32.75	33.14	34.00	23.71	23.75	24.14	25.00
GPRS 1 Tx slot	32.72	32.78	33.17	34.00	23.72	23.78	24.17	25.00
GPRS 2 Tx slots	30.24	30.52	30.38	31.50	24.24	24.52	24.38	25.50
GPRS 3 Tx slots	28.70	28.84	28.77	30.00	24.44	24.58	24.51	25.74
GPRS 4 Tx slots	26.84	27.27	27.56	28.50	23.84	24.27	24.56	25.50
EDGE 1 Tx slot	26.72	26.50	26.28	27.50	17.72	17.50	17.28	18.50
EDGE 2 Tx slots	25.73	25.27	24.83	26.50	19.73	19.27	18.83	20.50
EDGE 3 Tx slots	24.32	23.43	23.17	25.00	20.06	19.17	18.91	20.74
EDGE 4 Tx slots	22.17	21.24	21.07	23.00	19.17	18.24	18.07	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	32.71	32.75	33.14	34.00	23.71	23.75	24.14	25.00
GPRS 1 Tx slot	32.72	32.78	33.17	34.00	23.72	23.78	24.17	25.00
GPRS 2 Tx slots	30.24	30.52	30.38	31.00	24.24	24.52	24.38	25.00
GPRS 3 Tx slots	28.70	28.84	28.77	29.50	24.44	24.58	24.51	25.24
GPRS 4 Tx slots	26.84	27.27	27.56	28.00	23.84	24.27	24.56	25.00
EDGE 1 Tx slot	26.72	26.50	26.28	27.50	17.72	17.50	17.28	18.50
EDGE 2 Tx slots	25.73	25.27	24.83	26.50	19.73	19.27	18.83	20.50
EDGE 3 Tx slots	24.32	23.43	23.17	25.00	20.06	19.17	18.91	20.74
EDGE 4 Tx slots	22.17	21.24	21.07	23.00	19.17	18.24	18.07	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	32.81	32.65	33.14	34.00	23.81	23.65	24.14	25.00
GPRS 1 Tx slot	32.87	32.69	33.17	34.00	23.87	23.69	24.17	25.00
GPRS 2 Tx slots	30.22	30.45	30.42	31.50	24.22	24.45	24.42	25.50
GPRS 3 Tx slots	28.61	28.88	28.17	30.00	24.35	24.62	23.91	25.74
GPRS 4 Tx slots	26.71	27.48	27.18	28.50	23.71	24.48	24.18	25.50
EDGE 1 Tx slot	26.77	26.34	26.19	27.50	17.77	17.34	17.19	18.50
EDGE 2 Tx slots	25.57	25.12	24.77	26.50	19.57	19.12	18.77	20.50
EDGE 3 Tx slots	23.71	23.72	23.27	25.00	19.45	19.46	19.01	20.74
EDGE 4 Tx slots	22.22	21.46	21.14	23.00	19.22	18.46	18.14	20.00

【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	30.08	30.28	30.33	31.00	21.08	21.28	21.33	22.00
GPRS 1 Tx slot	30.12	30.39	30.37	31.00	21.12	21.39	21.37	22.00
GPRS 2 Tx slots	27.11	27.21	27.35	28.00	21.11	21.21	21.35	22.00
GPRS 3 Tx slots	25.10	25.41	25.21	26.50	20.84	21.15	20.95	22.24
GPRS 4 Tx slots	23.39	23.75	23.69	25.00	20.39	20.75	20.69	22.00
EDGE 1 Tx slot	26.80	26.37	26.22	27.50	17.80	17.37	17.22	18.50
EDGE 2 Tx slots	25.52	25.11	24.77	26.50	19.52	19.11	18.77	20.50
EDGE 3 Tx slots	23.74	23.71	23.27	25.00	19.48	19.45	19.01	20.74
EDGE 4 Tx slots	22.21	21.49	21.31	23.00	19.21	18.49	18.31	20.00

【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	28.92	29.42	29.38	30.00	19.92	20.42	20.38	21.00
GPRS 1 Tx slot	28.97	29.55	29.41	30.00	19.97	20.55	20.41	21.00
GPRS 2 Tx slots	26.02	26.31	26.30	27.00	20.02	20.31	20.30	21.00
GPRS 3 Tx slots	24.33	24.61	24.41	25.60	20.07	20.35	20.15	21.34
GPRS 4 Tx slots	22.97	22.99	23.01	24.00	19.97	19.99	20.01	21.00
EDGE 1 Tx slot	26.79	26.38	26.19	27.50	17.79	17.38	17.19	18.50
EDGE 2 Tx slots	25.52	25.13	24.83	26.50	19.52	19.13	18.83	20.50
EDGE 3 Tx slots	23.71	23.69	23.27	25.00	19.45	19.43	19.01	20.74
EDGE 4 Tx slots	22.22	21.43	21.30	23.00	19.22	18.43	18.30	20.00

【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	32.81	32.65	33.14	34.00	23.81	23.65	24.14	25.00
GPRS 1 Tx slot	32.87	32.69	33.17	34.00	23.87	23.69	24.17	25.00
GPRS 2 Tx slots	30.22	30.45	30.42	31.50	24.22	24.45	24.42	25.50
GPRS 3 Tx slots	28.61	28.88	28.17	30.00	24.35	24.62	23.91	25.74
GPRS 4 Tx slots	26.71	27.48	27.18	28.50	23.71	24.48	24.18	25.50
EDGE 1 Tx slot	26.77	26.34	26.19	27.50	17.77	17.34	17.19	18.50
EDGE 2 Tx slots	25.57	25.12	24.77	26.50	19.57	19.12	18.77	20.50
EDGE 3 Tx slots	23.71	23.72	23.27	25.00	19.45	19.46	19.01	20.74
EDGE 4 Tx slots	22.22	21.46	21.14	23.00	19.22	18.46	18.14	20.00

【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	32.81	32.65	33.14	34.00	23.81	23.65	24.14	25.00
GPRS 1 Tx slot	32.87	32.69	33.17	34.00	23.87	23.69	24.17	25.00
GPRS 2 Tx slots	30.22	30.45	30.42	31.50	24.22	24.45	24.42	25.50
GPRS 3 Tx slots	28.61	28.88	28.17	30.00	24.35	24.62	23.91	25.74
GPRS 4 Tx slots	26.71	27.48	27.18	28.50	23.71	24.48	24.18	25.50
EDGE 1 Tx slot	26.77	26.34	26.19	27.50	17.77	17.34	17.19	18.50
EDGE 2 Tx slots	25.57	25.12	24.77	26.50	19.57	19.12	18.77	20.50
EDGE 3 Tx slots	23.71	23.72	23.27	25.00	19.45	19.46	19.01	20.74
EDGE 4 Tx slots	22.22	21.46	21.14	23.00	19.22	18.46	18.14	20.00

【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	27.66	27.98	27.85	28.50	18.66	18.98	18.85	19.50
GPRS 1 Tx slot	27.73	27.96	27.91	28.50	18.73	18.96	18.91	19.50
GPRS 2 Tx slots	24.49	24.53	24.56	25.50	18.49	18.53	18.56	19.50
GPRS 3 Tx slots	22.76	22.85	22.83	23.80	18.50	18.59	18.57	19.54
GPRS 4 Tx slots	20.88	21.15	21.61	22.50	17.88	18.15	18.61	19.50
EDGE 1 Tx slot	25.61	26.32	26.16	27.50	16.61	17.32	17.16	18.50
EDGE 2 Tx slots	25.06	25.11	25.05	25.50	19.06	19.11	19.05	19.50
EDGE 3 Tx slots	23.21	23.25	23.18	23.50	18.95	18.99	18.92	19.24
EDGE 4 Tx slots	21.65	21.52	21.21	22.50	18.65	18.52	18.21	19.50

【GSM1900_Ant 1_Full Power】

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	28.91	28.92	28.57	29.50	19.91	19.92	19.57	20.50
GPRS 1 Tx slot	28.92	28.93	28.61	29.50	19.92	19.93	19.61	20.50
GPRS 2 Tx slots	25.01	25.57	24.91	26.50	19.01	19.57	18.91	20.50
GPRS 3 Tx slots	24.29	24.32	23.84	25.00	20.03	20.06	19.58	20.74
GPRS 4 Tx slots	22.79	22.46	22.31	23.50	19.79	19.46	19.31	20.50
EDGE 1 Tx slot	23.79	23.71	23.92	25.00	14.79	14.71	14.92	16.00
EDGE 2 Tx slots	22.61	22.18	22.67	23.50	16.61	16.18	16.67	17.50
EDGE 3 Tx slots	21.06	20.83	21.04	22.00	16.80	16.57	16.78	17.74
EDGE 4 Tx slots	19.17	19.21	18.19	20.00	16.17	16.21	15.19	17.00

【GSM1900_Ant 1_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	25.77	25.41	25.60	26.00	16.77	16.41	16.60	17.00
GPRS 1 Tx slot	25.79	25.81	25.64	26.00	16.79	16.81	16.64	17.00
GPRS 2 Tx slots	22.61	22.86	22.35	23.00	16.61	16.86	16.35	17.00
GPRS 3 Tx slots	20.77	20.86	20.65	21.60	16.51	16.60	16.39	17.34
GPRS 4 Tx slots	19.75	18.89	18.97	20.00	16.75	15.89	15.97	17.00
EDGE 1 Tx slot	23.65	23.57	23.45	25.00	14.65	14.57	14.45	16.00
EDGE 2 Tx slots	21.81	21.91	22.15	23.00	15.81	15.91	16.15	17.00
EDGE 3 Tx slots	20.32	20.61	20.53	21.50	16.06	16.35	16.27	17.24
EDGE 4 Tx slots	18.71	19.15	18.91	20.00	15.71	16.15	15.91	17.00

【GSM1900_Ant 1_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	25.19	24.70	24.63	25.50	16.19	15.70	15.63	16.50
GPRS 1 Tx slot	25.26	24.75	24.65	25.50	16.26	15.75	15.65	16.50
GPRS 2 Tx slots	22.26	21.85	21.57	22.50	16.26	15.85	15.57	16.50
GPRS 3 Tx slots	19.75	19.98	19.85	21.00	15.49	15.72	15.59	16.74
GPRS 4 Tx slots	18.72	18.66	18.25	19.50	15.72	15.66	15.25	16.50
EDGE 1 Tx slot	23.75	23.81	23.59	24.50	14.75	14.81	14.59	15.50
EDGE 2 Tx slots	21.49	21.82	21.51	22.50	15.49	15.82	15.51	16.50
EDGE 3 Tx slots	19.73	20.11	19.28	20.50	15.47	15.85	15.02	16.24
EDGE 4 Tx slots	17.77	17.90	17.85	19.00	14.77	14.90	14.85	16.00

【GSM1900_Ant 1_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	28.91	28.92	28.57	29.50	19.91	19.92	19.57	20.50
GPRS 1 Tx slot	28.92	28.93	28.61	29.50	19.92	19.93	19.61	20.50
GPRS 2 Tx slots	25.01	25.57	24.91	26.50	19.01	19.57	18.91	20.50
GPRS 3 Tx slots	24.29	24.32	23.84	25.00	20.03	20.06	19.58	20.74
GPRS 4 Tx slots	22.79	22.46	22.31	23.50	19.79	19.46	19.31	20.50
EDGE 1 Tx slot	23.79	23.71	23.92	25.00	14.79	14.71	14.92	16.00
EDGE 2 Tx slots	22.61	22.18	22.67	23.50	16.61	16.18	16.67	17.50
EDGE 3 Tx slots	21.06	20.83	21.04	22.00	16.80	16.57	16.78	17.74
EDGE 4 Tx slots	19.17	19.21	18.19	20.00	16.17	16.21	15.19	17.00

【GSM1900_Ant 1_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	28.91	28.92	28.57	29.50	19.91	19.92	19.57	20.50
GPRS 1 Tx slot	28.92	28.93	28.61	29.50	19.92	19.93	19.61	20.50
GPRS 2 Tx slots	25.01	25.57	24.91	26.50	19.01	19.57	18.91	20.50
GPRS 3 Tx slots	24.29	24.32	23.84	25.00	20.03	20.06	19.58	20.74
GPRS 4 Tx slots	22.79	22.46	22.31	23.50	19.79	19.46	19.31	20.50
EDGE 1 Tx slot	23.79	23.71	23.92	25.00	14.79	14.71	14.92	16.00
EDGE 2 Tx slots	22.61	22.18	22.67	23.50	16.61	16.18	16.67	17.50
EDGE 3 Tx slots	21.06	20.83	21.04	22.00	16.80	16.57	16.78	17.74
EDGE 4 Tx slots	19.17	19.21	18.19	20.00	16.17	16.21	15.19	17.00

【GSM1900_Ant 1_DSI 7】

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	22.82	22.95	22.92	23.50	13.82	13.95	13.92	14.50
GPRS 1 Tx slot	22.85	23.01	22.97	23.50	13.85	14.01	13.97	14.50
GPRS 2 Tx slots	19.82	19.71	19.70	20.50	13.82	13.71	13.70	14.50
GPRS 3 Tx slots	18.20	18.33	18.26	20.20	13.94	14.07	14.00	15.94
GPRS 4 Tx slots	16.85	16.59	16.55	17.50	13.85	13.59	13.55	14.50
EDGE 1 Tx slot	22.79	22.71	22.85	23.50	13.79	13.71	13.85	14.50
EDGE 2 Tx slots	19.57	19.22	19.49	20.50	13.57	13.22	13.49	14.50
EDGE 3 Tx slots	18.01	17.75	18.01	19.00	13.75	13.49	13.75	14.74
EDGE 4 Tx slots	16.21	16.17	16.22	17.00	13.21	13.17	13.22	14.00

【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	31.05	29.71	30.00	31.50	22.05	20.71	21.00	22.50
GPRS 1 Tx slot	31.18	29.73	30.02	31.50	22.18	20.73	21.02	22.50
GPRS 2 Tx slots	27.48	26.54	26.52	28.50	21.48	20.54	20.52	22.50
GPRS 3 Tx slots	25.73	25.27	25.24	27.00	21.47	21.01	20.98	22.74
GPRS 4 Tx slots	24.02	23.67	23.61	25.50	21.02	20.67	20.61	22.50
EDGE 1 Tx slot	25.15	24.72	25.42	26.00	16.15	15.72	16.42	17.00
EDGE 2 Tx slots	24.02	23.52	23.84	25.00	18.02	17.52	17.84	19.00
EDGE 3 Tx slots	22.24	22.02	22.27	23.00	17.98	17.76	18.01	18.74
EDGE 4 Tx slots	20.21	20.30	20.88	21.00	17.21	17.30	17.88	18.00

【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	31.05	29.71	30.00	31.50	22.05	20.71	21.00	22.50
GPRS 1 Tx slot	31.18	29.73	30.02	31.50	22.18	20.73	21.02	22.50
GPRS 2 Tx slots	27.48	26.54	26.52	28.50	21.48	20.54	20.52	22.50
GPRS 3 Tx slots	25.73	25.27	25.24	27.00	21.47	21.01	20.98	22.74
GPRS 4 Tx slots	24.02	23.67	23.61	25.50	21.02	20.67	20.61	22.50
EDGE 1 Tx slot	25.15	24.72	25.42	26.00	16.15	15.72	16.42	17.00
EDGE 2 Tx slots	24.02	23.52	23.84	25.00	18.02	17.52	17.84	19.00
EDGE 3 Tx slots	22.24	22.02	22.27	24.00	17.98	17.76	18.01	19.74
EDGE 4 Tx slots	20.21	20.30	20.88	21.00	17.21	17.30	17.88	18.00

【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	31.05	29.71	30.00	31.50	22.05	20.71	21.00	22.50
GPRS 1 Tx slot	31.18	29.73	30.02	31.50	22.18	20.73	21.02	22.50
GPRS 2 Tx slots	27.48	26.54	26.52	28.50	21.48	20.54	20.52	22.50
GPRS 3 Tx slots	25.73	25.27	25.24	27.00	21.47	21.01	20.98	22.74
GPRS 4 Tx slots	24.02	23.67	23.61	25.50	21.02	20.67	20.61	22.50
EDGE 1 Tx slot	25.15	24.72	25.42	26.00	16.15	15.72	16.42	17.00
EDGE 2 Tx slots	24.02	23.52	23.84	25.00	18.02	17.52	17.84	19.00
EDGE 3 Tx slots	22.24	22.02	22.27	23.00	17.98	17.76	18.01	18.74
EDGE 4 Tx slots	20.21	20.30	20.88	21.00	17.21	17.30	17.88	18.00

【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	31.05	29.71	30.00	31.50	22.05	20.71	21.00	22.50
GPRS 1 Tx slot	31.18	29.73	30.02	31.50	22.18	20.73	21.02	22.50
GPRS 2 Tx slots	27.48	26.54	26.52	28.50	21.48	20.54	20.52	22.50
GPRS 3 Tx slots	25.73	25.27	25.24	27.00	21.47	21.01	20.98	22.74
GPRS 4 Tx slots	24.02	23.67	23.61	25.50	21.02	20.67	20.61	22.50
EDGE 1 Tx slot	25.15	24.72	25.42	26.00	16.15	15.72	16.42	17.00
EDGE 2 Tx slots	24.02	23.52	23.84	25.00	18.02	17.52	17.84	19.00
EDGE 3 Tx slots	22.24	22.02	22.27	23.00	17.98	17.76	18.01	18.74
EDGE 4 Tx slots	20.21	20.30	20.88	21.00	17.21	17.30	17.88	18.00

【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	31.05	29.71	30.00	31.50	22.05	20.71	21.00	22.50
GPRS 1 Tx slot	31.18	29.73	30.02	31.50	22.18	20.73	21.02	22.50
GPRS 2 Tx slots	27.48	26.54	26.52	28.50	21.48	20.54	20.52	22.50
GPRS 3 Tx slots	25.73	25.27	25.24	27.00	21.47	21.01	20.98	22.74
GPRS 4 Tx slots	24.02	23.67	23.61	25.50	21.02	20.67	20.61	22.50
EDGE 1 Tx slot	25.15	24.72	25.42	26.00	16.15	15.72	16.42	17.00
EDGE 2 Tx slots	24.02	23.52	23.84	25.00	18.02	17.52	17.84	19.00
EDGE 3 Tx slots	22.24	22.02	22.27	23.00	17.98	17.76	18.01	18.74
EDGE 4 Tx slots	20.21	20.30	20.88	21.00	17.21	17.30	17.88	18.00

【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	31.05	29.71	30.00	31.50	22.05	20.71	21.00	22.50
GPRS 1 Tx slot	31.18	29.73	30.02	31.50	22.18	20.73	21.02	22.50
GPRS 2 Tx slots	27.48	26.54	26.52	28.50	21.48	20.54	20.52	22.50
GPRS 3 Tx slots	25.73	25.22	25.24	27.00	21.47	20.96	20.98	22.74
GPRS 4 Tx slots	24.02	23.67	23.61	25.50	21.02	20.67	20.61	22.50
EDGE 1 Tx slot	25.15	24.72	25.42	26.00	16.15	15.72	16.42	17.00
EDGE 2 Tx slots	24.02	23.52	23.84	25.00	18.02	17.52	17.84	19.00
EDGE 3 Tx slots	22.24	22.02	22.27	23.00	17.98	17.76	18.01	18.74
EDGE 4 Tx slots	20.21	20.30	20.88	21.00	17.21	17.30	17.88	18.00

<WCDMA Conducted Power>

【WCDMA II_Ant 1_Full Power】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	22.77	22.87	22.94	24.00
3GPP Rel 99	RMC 12.2Kbps	22.92	23.04	22.93	24.00
3GPP Rel 6	HSDPA Subtest-1	21.92	22.05	21.94	23.00
3GPP Rel 6	HSDPA Subtest-2	21.82	21.95	21.85	23.00
3GPP Rel 6	HSDPA Subtest-3	21.37	21.47	21.41	22.50
3GPP Rel 6	HSDPA Subtest-4	21.27	21.34	21.36	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.87	21.87	21.87	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.80	21.87	21.87	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.33	21.42	21.31	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.22	21.32	21.38	22.50
3GPP Rel 6	HSUPA Subtest-1	21.80	21.80	21.90	23.00
3GPP Rel 6	HSUPA Subtest-2	19.85	19.95	19.93	21.00
3GPP Rel 6	HSUPA Subtest-3	20.95	21.08	20.99	22.00
3GPP Rel 6	HSUPA Subtest-4	19.81	19.86	19.79	21.00
3GPP Rel 6	HSUPA Subtest-5	21.79	21.91	21.85	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.39	19.51	19.48	20.50

【WCDMA II_Ant 1_DSI 2】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	14.92	14.96	14.90	15.80
3GPP Rel 99	RMC 12.2Kbps	15.05	15.17	14.92	15.80
3GPP Rel 6	HSDPA Subtest-1	14.20	14.41	14.41	14.80
3GPP Rel 6	HSDPA Subtest-2	14.37	14.45	14.20	14.80
3GPP Rel 6	HSDPA Subtest-3	13.84	13.91	13.83	14.30
3GPP Rel 6	HSDPA Subtest-4	13.78	13.68	13.71	14.30
3GPP Rel 8	DC-HSDPA Subtest-1	14.30	14.22	14.20	14.80
3GPP Rel 8	DC-HSDPA Subtest-2	14.16	14.31	14.23	14.80
3GPP Rel 8	DC-HSDPA Subtest-3	13.72	13.92	13.70	14.30
3GPP Rel 8	DC-HSDPA Subtest-4	13.64	13.71	13.68	14.30
3GPP Rel 6	HSUPA Subtest-1	14.16	14.29	14.32	14.80
3GPP Rel 6	HSUPA Subtest-2	12.29	12.35	12.33	12.80
3GPP Rel 6	HSUPA Subtest-3	13.21	13.53	13.24	13.80
3GPP Rel 6	HSUPA Subtest-4	12.26	12.20	12.28	12.80
3GPP Rel 6	HSUPA Subtest-5	14.23	14.38	14.29	14.80
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	11.93	11.87	11.88	12.30

【WCDMA II_Ant 1_DSI 3】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	15.63	15.72	15.60	16.80
3GPP Rel 99	RMC 12.2Kbps	15.71	15.77	15.64	16.80
3GPP Rel 6	HSDPA Subtest-1	14.75	14.86	14.71	15.80
3GPP Rel 6	HSDPA Subtest-2	14.78	14.83	14.65	15.80
3GPP Rel 6	HSDPA Subtest-3	14.41	14.31	14.36	15.30
3GPP Rel 6	HSDPA Subtest-4	14.17	14.32	14.29	15.30
3GPP Rel 8	DC-HSDPA Subtest-1	14.74	14.84	14.70	15.80
3GPP Rel 8	DC-HSDPA Subtest-2	14.59	14.87	14.83	15.80
3GPP Rel 8	DC-HSDPA Subtest-3	14.10	14.41	14.15	15.30
3GPP Rel 8	DC-HSDPA Subtest-4	14.12	14.18	14.31	15.30
3GPP Rel 6	HSUPA Subtest-1	14.74	14.76	14.86	15.80
3GPP Rel 6	HSUPA Subtest-2	12.65	12.84	12.69	13.80
3GPP Rel 6	HSUPA Subtest-3	13.74	14.00	13.84	14.80
3GPP Rel 6	HSUPA Subtest-4	12.78	12.75	12.67	13.80
3GPP Rel 6	HSUPA Subtest-5	14.56	14.81	14.76	15.80
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	12.26	12.46	12.42	13.30

【WCDMA II_Ant 1_DSI 4】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	22.77	22.87	22.94	24.00
3GPP Rel 99	RMC 12.2Kbps	22.92	23.04	22.93	24.00
3GPP Rel 6	HSDPA Subtest-1	21.92	22.05	21.94	23.00
3GPP Rel 6	HSDPA Subtest-2	21.82	21.95	21.85	23.00
3GPP Rel 6	HSDPA Subtest-3	21.37	21.47	21.41	22.50
3GPP Rel 6	HSDPA Subtest-4	21.27	21.34	21.36	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.87	21.87	21.87	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.80	21.87	21.87	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.33	21.42	21.31	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.22	21.32	21.38	22.50
3GPP Rel 6	HSUPA Subtest-1	21.80	21.80	21.90	23.00
3GPP Rel 6	HSUPA Subtest-2	19.85	19.95	19.93	21.00
3GPP Rel 6	HSUPA Subtest-3	20.95	21.08	20.99	22.00
3GPP Rel 6	HSUPA Subtest-4	19.81	19.86	19.79	21.00
3GPP Rel 6	HSUPA Subtest-5	21.79	21.91	21.85	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.39	19.51	19.48	20.50

【WCDMA II_Ant 1_DSI 6】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	20.10	20.21	20.03	21.50
3GPP Rel 99	RMC 12.2Kbps	20.16	20.24	20.10	21.50
3GPP Rel 6	HSDPA Subtest-1	19.20	19.37	19.39	20.50
3GPP Rel 6	HSDPA Subtest-2	19.26	19.26	19.21	20.50
3GPP Rel 6	HSDPA Subtest-3	18.75	18.74	18.86	20.00
3GPP Rel 6	HSDPA Subtest-4	18.84	18.84	18.74	20.00
3GPP Rel 8	DC-HSDPA Subtest-1	19.21	19.34	19.26	20.50
3GPP Rel 8	DC-HSDPA Subtest-2	19.15	19.27	19.22	20.50
3GPP Rel 8	DC-HSDPA Subtest-3	18.66	18.78	18.67	20.00
3GPP Rel 8	DC-HSDPA Subtest-4	18.65	18.72	18.82	20.00
3GPP Rel 6	HSUPA Subtest-1	19.23	19.35	19.17	20.50
3GPP Rel 6	HSUPA Subtest-2	17.24	17.37	17.32	18.50
3GPP Rel 6	HSUPA Subtest-3	18.26	18.55	18.44	19.50
3GPP Rel 6	HSUPA Subtest-4	17.11	17.16	17.23	18.50
3GPP Rel 6	HSUPA Subtest-5	19.02	19.36	19.33	20.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	16.94	16.95	16.84	18.00

【WCDMA II_Ant 1_DSI 7】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	14.11	14.23	14.21	15.00
3GPP Rel 99	RMC 12.2Kbps	14.18	14.27	14.24	15.00
3GPP Rel 6	HSDPA Subtest-1	13.36	13.44	13.39	14.00
3GPP Rel 6	HSDPA Subtest-2	13.37	13.33	13.23	14.00
3GPP Rel 6	HSDPA Subtest-3	12.82	12.82	12.86	13.50
3GPP Rel 6	HSDPA Subtest-4	12.64	12.73	12.82	13.50
3GPP Rel 8	DC-HSDPA Subtest-1	13.38	13.35	13.32	14.00
3GPP Rel 8	DC-HSDPA Subtest-2	13.07	13.34	13.25	14.00
3GPP Rel 8	DC-HSDPA Subtest-3	12.65	12.87	12.76	13.50
3GPP Rel 8	DC-HSDPA Subtest-4	12.71	12.77	12.71	13.50
3GPP Rel 6	HSUPA Subtest-1	13.04	13.13	13.33	14.00
3GPP Rel 6	HSUPA Subtest-2	11.30	11.47	11.17	12.00
3GPP Rel 6	HSUPA Subtest-3	12.35	12.50	12.44	13.00
3GPP Rel 6	HSUPA Subtest-4	11.15	11.32	11.12	12.00
3GPP Rel 6	HSUPA Subtest-5	13.18	13.45	13.33	14.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	10.83	11.02	10.92	11.50

【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	23.09	23.23	23.13	24.00
3GPP Rel 99	RMC 12.2Kbps	23.17	23.28	23.18	24.00
3GPP Rel 6	HSDPA Subtest-1	22.21	22.33	22.29	23.00
3GPP Rel 6	HSDPA Subtest-2	22.13	22.17	22.18	23.00
3GPP Rel 6	HSDPA Subtest-3	21.64	21.77	21.75	22.50
3GPP Rel 6	HSDPA Subtest-4	21.59	21.70	21.66	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.17	22.20	22.20	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.04	22.21	22.09	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.56	21.69	21.63	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.53	21.68	21.61	22.50
3GPP Rel 6	HSUPA Subtest-1	22.06	22.15	22.12	23.00
3GPP Rel 6	HSUPA Subtest-2	20.16	20.26	20.25	21.00
3GPP Rel 6	HSUPA Subtest-3	21.23	21.28	21.31	22.00
3GPP Rel 6	HSUPA Subtest-4	20.14	20.22	20.15	21.00
3GPP Rel 6	HSUPA Subtest-5	22.09	22.22	22.09	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.75	19.83	19.74	20.50

【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	23.09	23.23	23.13	24.00
3GPP Rel 99	RMC 12.2Kbps	23.17	23.28	23.18	24.00
3GPP Rel 6	HSDPA Subtest-1	22.21	22.33	22.29	23.00
3GPP Rel 6	HSDPA Subtest-2	22.13	22.17	22.18	23.00
3GPP Rel 6	HSDPA Subtest-3	21.64	21.77	21.75	22.50
3GPP Rel 6	HSDPA Subtest-4	21.59	21.70	21.66	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.17	22.20	22.20	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.04	22.21	22.09	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.56	21.69	21.63	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.53	21.68	21.61	22.50
3GPP Rel 6	HSUPA Subtest-1	22.06	22.15	22.12	23.00
3GPP Rel 6	HSUPA Subtest-2	20.16	20.26	20.25	21.00
3GPP Rel 6	HSUPA Subtest-3	21.23	21.28	21.31	22.00
3GPP Rel 6	HSUPA Subtest-4	20.14	20.22	20.15	21.00
3GPP Rel 6	HSUPA Subtest-5	22.09	22.22	22.09	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.75	19.83	19.74	20.50

【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	22.38	22.48	22.36	23.50
3GPP Rel 99	RMC 12.2Kbps	22.47	22.51	22.44	23.50
3GPP Rel 6	HSDPA Subtest-1	21.60	21.71	21.85	22.50
3GPP Rel 6	HSDPA Subtest-2	21.63	21.55	21.61	22.50
3GPP Rel 6	HSDPA Subtest-3	21.24	21.32	21.15	22.00
3GPP Rel 6	HSDPA Subtest-4	21.08	21.14	21.16	22.00
3GPP Rel 8	DC-HSDPA Subtest-1	21.71	21.77	21.63	22.50
3GPP Rel 8	DC-HSDPA Subtest-2	21.56	21.63	21.62	22.50
3GPP Rel 8	DC-HSDPA Subtest-3	20.97	21.19	21.22	22.00
3GPP Rel 8	DC-HSDPA Subtest-4	20.97	21.06	21.09	22.00
3GPP Rel 6	HSUPA Subtest-1	21.68	21.61	21.58	22.50
3GPP Rel 6	HSUPA Subtest-2	19.63	19.68	19.74	20.50
3GPP Rel 6	HSUPA Subtest-3	20.61	20.75	20.92	21.50
3GPP Rel 6	HSUPA Subtest-4	19.70	19.82	19.54	20.50
3GPP Rel 6	HSUPA Subtest-5	21.63	21.75	21.50	22.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.25	19.23	19.33	20.00

【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	23.09	23.23	23.13	24.00
3GPP Rel 99	RMC 12.2Kbps	23.17	23.28	23.18	24.00
3GPP Rel 6	HSDPA Subtest-1	22.21	22.33	22.29	23.00
3GPP Rel 6	HSDPA Subtest-2	22.13	22.17	22.18	23.00
3GPP Rel 6	HSDPA Subtest-3	21.64	21.77	21.75	22.50
3GPP Rel 6	HSDPA Subtest-4	21.59	21.70	21.66	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.17	22.20	22.20	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.04	22.21	22.09	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.56	21.69	21.63	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.53	21.68	21.61	22.50
3GPP Rel 6	HSUPA Subtest-1	22.06	22.15	22.12	23.00
3GPP Rel 6	HSUPA Subtest-2	20.16	20.26	20.25	21.00
3GPP Rel 6	HSUPA Subtest-3	21.23	21.28	21.31	22.00
3GPP Rel 6	HSUPA Subtest-4	20.14	20.22	20.15	21.00
3GPP Rel 6	HSUPA Subtest-5	22.09	22.22	22.09	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.75	19.83	19.74	20.50

【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	23.09	23.23	23.13	24.00
3GPP Rel 99	RMC 12.2Kbps	23.17	23.28	23.18	24.00
3GPP Rel 6	HSDPA Subtest-1	22.21	22.33	22.29	23.00
3GPP Rel 6	HSDPA Subtest-2	22.13	22.17	22.18	23.00
3GPP Rel 6	HSDPA Subtest-3	21.64	21.77	21.75	22.50
3GPP Rel 6	HSDPA Subtest-4	21.59	21.70	21.66	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.17	22.20	22.20	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.04	22.21	22.09	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.56	21.69	21.63	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.53	21.68	21.61	22.50
3GPP Rel 6	HSUPA Subtest-1	22.06	22.15	22.12	23.00
3GPP Rel 6	HSUPA Subtest-2	20.16	20.26	20.25	21.00
3GPP Rel 6	HSUPA Subtest-3	21.23	21.28	21.31	22.00
3GPP Rel 6	HSUPA Subtest-4	20.14	20.22	20.15	21.00
3GPP Rel 6	HSUPA Subtest-5	22.09	22.22	22.09	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.75	19.83	19.74	20.50

【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	22.38	22.48	22.36	23.50
3GPP Rel 99	RMC 12.2Kbps	22.47	22.51	22.44	23.50
3GPP Rel 6	HSDPA Subtest-1	21.60	21.71	21.85	22.50
3GPP Rel 6	HSDPA Subtest-2	21.63	21.55	21.61	22.50
3GPP Rel 6	HSDPA Subtest-3	21.24	21.32	21.15	22.00
3GPP Rel 6	HSDPA Subtest-4	21.08	21.14	21.16	22.00
3GPP Rel 8	DC-HSDPA Subtest-1	21.71	21.77	21.63	22.50
3GPP Rel 8	DC-HSDPA Subtest-2	21.56	21.63	21.62	22.50
3GPP Rel 8	DC-HSDPA Subtest-3	20.97	21.19	21.22	22.00
3GPP Rel 8	DC-HSDPA Subtest-4	20.97	21.06	21.09	22.00
3GPP Rel 6	HSUPA Subtest-1	21.68	21.61	21.58	22.50
3GPP Rel 6	HSUPA Subtest-2	19.63	19.68	19.74	20.50
3GPP Rel 6	HSUPA Subtest-3	20.61	20.75	20.92	21.50
3GPP Rel 6	HSUPA Subtest-4	19.70	19.82	19.54	20.50
3GPP Rel 6	HSUPA Subtest-5	21.63	21.75	21.50	22.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.25	19.23	19.33	20.00

【WCDMA IV_Ant 1_Full Power】

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	22.69	22.82	22.80	24.00
3GPP Rel 99	RMC 12.2Kbps	22.85	22.92	22.81	24.00
3GPP Rel 6	HSDPA Subtest-1	21.77	21.91	21.83	23.00
3GPP Rel 6	HSDPA Subtest-2	21.82	21.80	21.70	23.00
3GPP Rel 6	HSDPA Subtest-3	21.33	21.33	21.37	22.50
3GPP Rel 6	HSDPA Subtest-4	21.26	21.28	21.35	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.71	21.76	21.85	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.73	21.75	21.64	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.20	21.38	21.29	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.13	21.33	21.24	22.50
3GPP Rel 6	HSUPA Subtest-1	21.66	21.78	21.73	23.00
3GPP Rel 6	HSUPA Subtest-2	19.76	19.85	19.77	21.00
3GPP Rel 6	HSUPA Subtest-3	20.83	20.92	20.84	22.00
3GPP Rel 6	HSUPA Subtest-4	19.74	19.76	19.66	21.00
3GPP Rel 6	HSUPA Subtest-5	21.71	21.75	21.76	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.28	19.44	19.39	20.50

【WCDMA IV_Ant 1_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	17.44	17.61	17.58	18.40
3GPP Rel 99	RMC 12.2Kbps	17.61	17.77	17.66	18.40
3GPP Rel 6	HSDPA Subtest-1	16.41	16.57	16.58	17.40
3GPP Rel 6	HSDPA Subtest-2	16.40	16.42	16.47	17.40
3GPP Rel 6	HSDPA Subtest-3	15.94	16.10	16.01	16.90
3GPP Rel 6	HSDPA Subtest-4	16.06	16.09	16.07	16.90
3GPP Rel 8	DC-HSDPA Subtest-1	16.50	16.58	16.47	17.40
3GPP Rel 8	DC-HSDPA Subtest-2	16.30	16.43	16.39	17.40
3GPP Rel 8	DC-HSDPA Subtest-3	15.89	16.04	15.95	16.90
3GPP Rel 8	DC-HSDPA Subtest-4	15.89	15.96	15.98	16.90
3GPP Rel 6	HSUPA Subtest-1	16.34	16.39	16.35	17.40
3GPP Rel 6	HSUPA Subtest-2	14.46	14.68	14.44	15.40
3GPP Rel 6	HSUPA Subtest-3	15.47	15.55	15.61	16.40
3GPP Rel 6	HSUPA Subtest-4	14.46	14.49	14.46	15.40
3GPP Rel 6	HSUPA Subtest-5	16.33	16.52	16.36	17.40
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	13.97	14.16	13.96	14.90

【WCDMA IV_Ant 1_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	16.43	16.50	16.44	17.50
3GPP Rel 99	RMC 12.2Kbps	16.57	16.71	16.57	17.50
3GPP Rel 6	HSDPA Subtest-1	15.42	15.60	15.64	16.50
3GPP Rel 6	HSDPA Subtest-2	15.42	15.46	15.55	16.50
3GPP Rel 6	HSDPA Subtest-3	14.87	15.04	14.95	16.00
3GPP Rel 6	HSDPA Subtest-4	14.84	14.92	15.07	16.00
3GPP Rel 8	DC-HSDPA Subtest-1	15.51	15.49	15.51	16.50
3GPP Rel 8	DC-HSDPA Subtest-2	15.28	15.50	15.39	16.50
3GPP Rel 8	DC-HSDPA Subtest-3	14.93	14.94	14.94	16.00
3GPP Rel 8	DC-HSDPA Subtest-4	14.74	14.87	14.89	16.00
3GPP Rel 6	HSUPA Subtest-1	15.31	15.59	15.34	16.50
3GPP Rel 6	HSUPA Subtest-2	13.54	13.51	13.39	14.50
3GPP Rel 6	HSUPA Subtest-3	14.67	14.65	14.61	15.50
3GPP Rel 6	HSUPA Subtest-4	13.39	13.52	13.38	14.50
3GPP Rel 6	HSUPA Subtest-5	15.41	15.56	15.34	16.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	12.90	13.07	13.06	14.00

【WCDMA IV_Ant 1_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	22.69	22.82	22.80	24.00
3GPP Rel 99	RMC 12.2Kbps	22.85	22.92	22.81	24.00
3GPP Rel 6	HSDPA Subtest-1	21.77	21.91	21.83	23.00
3GPP Rel 6	HSDPA Subtest-2	21.82	21.80	21.70	23.00
3GPP Rel 6	HSDPA Subtest-3	21.33	21.33	21.37	22.50
3GPP Rel 6	HSDPA Subtest-4	21.26	21.28	21.35	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.71	21.76	21.85	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.73	21.75	21.64	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.20	21.38	21.29	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.13	21.33	21.24	22.50
3GPP Rel 6	HSUPA Subtest-1	21.66	21.78	21.73	23.00
3GPP Rel 6	HSUPA Subtest-2	19.76	19.85	19.77	21.00
3GPP Rel 6	HSUPA Subtest-3	20.83	20.92	20.84	22.00
3GPP Rel 6	HSUPA Subtest-4	19.74	19.76	19.66	21.00
3GPP Rel 6	HSUPA Subtest-5	21.71	21.75	21.76	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.28	19.44	19.39	20.50

【WCDMA IV_Ant 1_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	20.53	20.50	20.40	22.00
3GPP Rel 99	RMC 12.2Kbps	20.61	20.71	20.63	22.00
3GPP Rel 6	HSDPA Subtest-1	19.57	19.74	19.64	21.00
3GPP Rel 6	HSDPA Subtest-2	19.48	19.53	19.55	21.00
3GPP Rel 6	HSDPA Subtest-3	18.94	19.08	19.12	20.50
3GPP Rel 6	HSDPA Subtest-4	18.93	19.11	19.06	20.50
3GPP Rel 8	DC-HSDPA Subtest-1	19.54	19.51	19.50	21.00
3GPP Rel 8	DC-HSDPA Subtest-2	19.30	19.48	19.33	21.00
3GPP Rel 8	DC-HSDPA Subtest-3	18.81	18.97	18.92	20.50
3GPP Rel 8	DC-HSDPA Subtest-4	18.94	18.98	18.94	20.50
3GPP Rel 6	HSUPA Subtest-1	19.39	19.55	19.34	21.00
3GPP Rel 6	HSUPA Subtest-2	17.39	17.66	17.42	19.00
3GPP Rel 6	HSUPA Subtest-3	18.49	18.66	18.57	20.00
3GPP Rel 6	HSUPA Subtest-4	17.53	17.42	17.37	19.00
3GPP Rel 6	HSUPA Subtest-5	19.29	19.52	19.41	21.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.06	17.15	17.11	18.50

【WCDMA IV_Ant 1_DSI 7】

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	15.08	15.09	15.01	15.90
3GPP Rel 99	RMC 12.2Kbps	15.10	15.12	15.08	15.90
3GPP Rel 6	HSDPA Subtest-1	14.08	14.13	13.97	14.90
3GPP Rel 6	HSDPA Subtest-2	13.96	14.11	13.97	14.90
3GPP Rel 6	HSDPA Subtest-3	13.42	13.55	13.35	14.40
3GPP Rel 6	HSDPA Subtest-4	13.35	13.43	13.33	14.40
3GPP Rel 8	DC-HSDPA Subtest-1	13.81	13.94	13.80	14.90
3GPP Rel 8	DC-HSDPA Subtest-2	13.80	13.85	13.80	14.90
3GPP Rel 8	DC-HSDPA Subtest-3	13.48	13.62	13.45	14.40
3GPP Rel 8	DC-HSDPA Subtest-4	13.43	13.54	13.41	14.40
3GPP Rel 6	HSUPA Subtest-1	13.88	13.96	13.81	14.90
3GPP Rel 6	HSUPA Subtest-2	11.97	12.10	11.98	12.90
3GPP Rel 6	HSUPA Subtest-3	13.08	13.11	13.02	13.90
3GPP Rel 6	HSUPA Subtest-4	11.82	11.96	11.88	12.90
3GPP Rel 6	HSUPA Subtest-5	13.80	13.88	13.82	14.90
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	11.46	11.52	11.31	12.40

【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	22.86	22.98	22.94	24.00
3GPP Rel 99	RMC 12.2Kbps	23.08	23.14	22.84	24.00
3GPP Rel 6	HSDPA Subtest-1	21.95	22.07	21.99	23.00
3GPP Rel 6	HSDPA Subtest-2	21.99	22.02	21.93	23.00
3GPP Rel 6	HSDPA Subtest-3	21.51	21.58	21.50	22.50
3GPP Rel 6	HSDPA Subtest-4	21.42	21.48	21.45	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.99	22.06	22.05	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.86	21.96	21.88	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.35	21.50	21.43	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.33	21.42	21.44	22.50
3GPP Rel 6	HSUPA Subtest-1	21.79	21.92	21.96	23.00
3GPP Rel 6	HSUPA Subtest-2	19.92	20.05	19.96	21.00
3GPP Rel 6	HSUPA Subtest-3	21.06	21.15	21.10	22.00
3GPP Rel 6	HSUPA Subtest-4	19.90	19.96	19.97	21.00
3GPP Rel 6	HSUPA Subtest-5	21.85	22.05	21.95	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.54	19.63	19.57	20.50

【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	22.86	22.98	22.94	24.00
3GPP Rel 99	RMC 12.2Kbps	23.08	23.14	22.84	24.00
3GPP Rel 6	HSDPA Subtest-1	21.95	22.07	21.99	23.00
3GPP Rel 6	HSDPA Subtest-2	21.99	22.02	21.93	23.00
3GPP Rel 6	HSDPA Subtest-3	21.51	21.58	21.50	22.50
3GPP Rel 6	HSDPA Subtest-4	21.42	21.48	21.45	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.99	22.06	22.05	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.86	21.96	21.88	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.35	21.50	21.43	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.33	21.42	21.44	22.50
3GPP Rel 6	HSUPA Subtest-1	21.79	21.92	21.96	23.00
3GPP Rel 6	HSUPA Subtest-2	19.92	20.05	19.96	21.00
3GPP Rel 6	HSUPA Subtest-3	21.06	21.15	21.10	22.00
3GPP Rel 6	HSUPA Subtest-4	19.90	19.96	19.97	21.00
3GPP Rel 6	HSUPA Subtest-5	21.85	22.05	21.95	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.54	19.63	19.57	20.50

【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	21.23	21.38	21.34	22.60
3GPP Rel 99	RMC 12.2Kbps	21.26	21.47	21.38	22.60
3GPP Rel 6	HSDPA Subtest-1	20.41	20.50	20.58	21.60
3GPP Rel 6	HSDPA Subtest-2	20.59	20.47	20.47	21.60
3GPP Rel 6	HSDPA Subtest-3	19.90	20.10	19.91	21.10
3GPP Rel 6	HSDPA Subtest-4	19.86	20.04	19.91	21.10
3GPP Rel 8	DC-HSDPA Subtest-1	20.43	20.67	20.52	21.60
3GPP Rel 8	DC-HSDPA Subtest-2	20.24	20.57	20.33	21.60
3GPP Rel 8	DC-HSDPA Subtest-3	19.74	20.10	20.00	21.10
3GPP Rel 8	DC-HSDPA Subtest-4	19.78	19.88	20.01	21.10
3GPP Rel 6	HSUPA Subtest-1	20.26	20.34	20.46	21.60
3GPP Rel 6	HSUPA Subtest-2	18.31	18.59	18.50	19.60
3GPP Rel 6	HSUPA Subtest-3	19.67	19.68	19.58	20.60
3GPP Rel 6	HSUPA Subtest-4	18.34	18.47	18.55	19.60
3GPP Rel 6	HSUPA Subtest-5	20.36	20.50	20.54	21.60
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.14	18.19	17.96	19.10

【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	22.86	22.98	22.94	24.00
3GPP Rel 99	RMC 12.2Kbps	23.08	23.14	22.84	24.00
3GPP Rel 6	HSDPA Subtest-1	21.95	22.07	21.99	23.00
3GPP Rel 6	HSDPA Subtest-2	21.99	22.02	21.93	23.00
3GPP Rel 6	HSDPA Subtest-3	21.51	21.58	21.50	22.50
3GPP Rel 6	HSDPA Subtest-4	21.42	21.48	21.45	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.99	22.06	22.05	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.86	21.96	21.88	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.35	21.50	21.43	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.33	21.42	21.44	22.50
3GPP Rel 6	HSUPA Subtest-1	21.79	21.92	21.96	23.00
3GPP Rel 6	HSUPA Subtest-2	19.92	20.05	19.96	21.00
3GPP Rel 6	HSUPA Subtest-3	21.06	21.15	21.10	22.00
3GPP Rel 6	HSUPA Subtest-4	19.90	19.96	19.97	21.00
3GPP Rel 6	HSUPA Subtest-5	21.85	22.05	21.95	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.54	19.63	19.57	20.50

【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	22.86	22.98	22.94	24.00
3GPP Rel 99	RMC 12.2Kbps	23.08	23.14	22.84	24.00
3GPP Rel 6	HSDPA Subtest-1	21.95	22.07	21.99	23.00
3GPP Rel 6	HSDPA Subtest-2	21.99	22.02	21.93	23.00
3GPP Rel 6	HSDPA Subtest-3	21.51	21.58	21.50	22.50
3GPP Rel 6	HSDPA Subtest-4	21.42	21.48	21.45	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.99	22.06	22.05	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.86	21.96	21.88	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.35	21.50	21.43	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.33	21.42	21.44	22.50
3GPP Rel 6	HSUPA Subtest-1	21.79	21.92	21.96	23.00
3GPP Rel 6	HSUPA Subtest-2	19.92	20.05	19.96	21.00
3GPP Rel 6	HSUPA Subtest-3	21.06	21.15	21.10	22.00
3GPP Rel 6	HSUPA Subtest-4	19.90	19.96	19.97	21.00
3GPP Rel 6	HSUPA Subtest-5	21.85	22.05	21.95	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.54	19.63	19.57	20.50

【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	20.66	20.73	20.68	22.10
3GPP Rel 99	RMC 12.2Kbps	20.67	20.79	20.72	22.10
3GPP Rel 6	HSDPA Subtest-1	19.84	20.19	20.01	21.10
3GPP Rel 6	HSDPA Subtest-2	19.92	20.03	19.97	21.10
3GPP Rel 6	HSDPA Subtest-3	19.48	19.68	19.59	20.60
3GPP Rel 6	HSDPA Subtest-4	19.52	19.36	19.48	20.60
3GPP Rel 8	DC-HSDPA Subtest-1	20.03	20.03	20.16	21.10
3GPP Rel 8	DC-HSDPA Subtest-2	19.97	20.02	19.77	21.10
3GPP Rel 8	DC-HSDPA Subtest-3	19.47	19.51	19.48	20.60
3GPP Rel 8	DC-HSDPA Subtest-4	19.40	19.54	19.55	20.60
3GPP Rel 6	HSUPA Subtest-1	19.90	19.94	19.94	21.10
3GPP Rel 6	HSUPA Subtest-2	17.87	18.01	17.98	19.10
3GPP Rel 6	HSUPA Subtest-3	19.00	19.15	19.06	20.10
3GPP Rel 6	HSUPA Subtest-4	17.91	18.07	17.89	19.10
3GPP Rel 6	HSUPA Subtest-5	19.85	20.05	19.87	21.10
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.48	17.70	17.49	18.60

【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	23.14	23.26	23.15	24.00
3GPP Rel 99	RMC 12.2Kbps	23.08	23.32	23.17	24.00
3GPP Rel 6	HSDPA Subtest-1	22.16	22.28	22.26	23.00
3GPP Rel 6	HSDPA Subtest-2	22.17	22.20	22.17	23.00
3GPP Rel 6	HSDPA Subtest-3	21.67	21.75	21.67	22.50
3GPP Rel 6	HSDPA Subtest-4	21.62	21.70	21.67	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.18	22.18	22.19	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.10	22.14	22.12	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.54	21.77	21.59	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.47	21.65	21.62	22.50
3GPP Rel 6	HSUPA Subtest-1	22.06	22.18	22.16	23.00
3GPP Rel 6	HSUPA Subtest-2	20.13	20.22	20.19	21.00
3GPP Rel 6	HSUPA Subtest-3	21.20	21.29	21.29	22.00
3GPP Rel 6	HSUPA Subtest-4	20.16	20.21	20.07	21.00
3GPP Rel 6	HSUPA Subtest-5	22.06	22.19	22.11	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.68	19.80	19.75	20.50

【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	23.14	23.26	23.15	24.00
3GPP Rel 99	RMC 12.2Kbps	23.08	23.32	23.17	24.00
3GPP Rel 6	HSDPA Subtest-1	22.16	22.28	22.26	23.00
3GPP Rel 6	HSDPA Subtest-2	22.17	22.20	22.17	23.00
3GPP Rel 6	HSDPA Subtest-3	21.67	21.75	21.67	22.50
3GPP Rel 6	HSDPA Subtest-4	21.62	21.70	21.67	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.18	22.18	22.19	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.10	22.14	22.12	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.54	21.77	21.59	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.47	21.65	21.62	22.50
3GPP Rel 6	HSUPA Subtest-1	22.06	22.18	22.16	23.00
3GPP Rel 6	HSUPA Subtest-2	20.13	20.22	20.19	21.00
3GPP Rel 6	HSUPA Subtest-3	21.20	21.29	21.29	22.00
3GPP Rel 6	HSUPA Subtest-4	20.16	20.21	20.07	21.00
3GPP Rel 6	HSUPA Subtest-5	22.06	22.19	22.11	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.68	19.80	19.75	20.50

【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	23.14	23.26	23.15	24.00
3GPP Rel 99	RMC 12.2Kbps	23.08	23.32	23.17	24.00
3GPP Rel 6	HSDPA Subtest-1	22.16	22.28	22.26	23.00
3GPP Rel 6	HSDPA Subtest-2	22.17	22.20	22.17	23.00
3GPP Rel 6	HSDPA Subtest-3	21.67	21.75	21.67	22.50
3GPP Rel 6	HSDPA Subtest-4	21.62	21.70	21.67	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.18	22.18	22.19	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.10	22.14	22.12	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.54	21.77	21.59	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.47	21.65	21.62	22.50
3GPP Rel 6	HSUPA Subtest-1	22.06	22.18	22.16	23.00
3GPP Rel 6	HSUPA Subtest-2	20.13	20.22	20.19	21.00
3GPP Rel 6	HSUPA Subtest-3	21.20	21.29	21.29	22.00
3GPP Rel 6	HSUPA Subtest-4	20.16	20.21	20.07	21.00
3GPP Rel 6	HSUPA Subtest-5	22.06	22.19	22.11	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.68	19.80	19.75	20.50

【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	23.14	23.26	23.15	24.00
3GPP Rel 99	RMC 12.2Kbps	23.08	23.32	23.17	24.00
3GPP Rel 6	HSDPA Subtest-1	22.16	22.28	22.26	23.00
3GPP Rel 6	HSDPA Subtest-2	22.17	22.20	22.17	23.00
3GPP Rel 6	HSDPA Subtest-3	21.67	21.75	21.67	22.50
3GPP Rel 6	HSDPA Subtest-4	21.62	21.70	21.67	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.18	22.18	22.19	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.10	22.14	22.12	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.54	21.77	21.59	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.47	21.65	21.62	22.50
3GPP Rel 6	HSUPA Subtest-1	22.06	22.18	22.16	23.00
3GPP Rel 6	HSUPA Subtest-2	20.13	20.22	20.19	21.00
3GPP Rel 6	HSUPA Subtest-3	21.20	21.29	21.29	22.00
3GPP Rel 6	HSUPA Subtest-4	20.16	20.21	20.07	21.00
3GPP Rel 6	HSUPA Subtest-5	22.06	22.19	22.11	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.68	19.80	19.75	20.50

【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	23.14	23.26	23.15	24.00
3GPP Rel 99	RMC 12.2Kbps	23.08	23.32	23.17	24.00
3GPP Rel 6	HSDPA Subtest-1	22.16	22.28	22.26	23.00
3GPP Rel 6	HSDPA Subtest-2	22.17	22.20	22.17	23.00
3GPP Rel 6	HSDPA Subtest-3	21.67	21.75	21.67	22.50
3GPP Rel 6	HSDPA Subtest-4	21.62	21.70	21.67	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.18	22.18	22.19	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.10	22.14	22.12	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.54	21.77	21.59	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.47	21.65	21.62	22.50
3GPP Rel 6	HSUPA Subtest-1	22.06	22.18	22.16	23.00
3GPP Rel 6	HSUPA Subtest-2	20.13	20.22	20.19	21.00
3GPP Rel 6	HSUPA Subtest-3	21.20	21.29	21.29	22.00
3GPP Rel 6	HSUPA Subtest-4	20.16	20.21	20.07	21.00
3GPP Rel 6	HSUPA Subtest-5	22.06	22.19	22.11	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.68	19.80	19.75	20.50

【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	23.14	23.26	23.15	24.00
3GPP Rel 99	RMC 12.2Kbps	23.08	23.32	23.17	24.00
3GPP Rel 6	HSDPA Subtest-1	22.16	22.28	22.26	23.00
3GPP Rel 6	HSDPA Subtest-2	22.17	22.20	22.17	23.00
3GPP Rel 6	HSDPA Subtest-3	21.67	21.75	21.67	22.50
3GPP Rel 6	HSDPA Subtest-4	21.62	21.70	21.67	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.18	22.18	22.19	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.10	22.14	22.12	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.54	21.77	21.59	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.47	21.65	21.62	22.50
3GPP Rel 6	HSUPA Subtest-1	22.06	22.18	22.16	23.00
3GPP Rel 6	HSUPA Subtest-2	20.13	20.22	20.19	21.00
3GPP Rel 6	HSUPA Subtest-3	21.20	21.29	21.29	22.00
3GPP Rel 6	HSUPA Subtest-4	20.16	20.21	20.07	21.00
3GPP Rel 6	HSUPA Subtest-5	22.06	22.19	22.11	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.68	19.80	19.75	20.50

【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	23.14	23.27	23.16	24.00
3GPP Rel 99	RMC 12.2Kbps	23.10	23.41	23.27	24.00
3GPP Rel 6	HSDPA Subtest-1	22.16	22.30	22.26	23.00
3GPP Rel 6	HSDPA Subtest-2	22.15	22.24	22.15	23.00
3GPP Rel 6	HSDPA Subtest-3	21.67	21.73	21.69	22.50
3GPP Rel 6	HSDPA Subtest-4	21.66	21.68	21.68	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.20	22.26	22.24	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.04	22.16	22.08	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.60	21.70	21.63	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.52	21.60	21.63	22.50
3GPP Rel 6	HSUPA Subtest-1	22.03	22.16	22.10	23.00
3GPP Rel 6	HSUPA Subtest-2	20.18	20.29	20.19	21.00
3GPP Rel 6	HSUPA Subtest-3	21.20	21.36	21.32	22.00
3GPP Rel 6	HSUPA Subtest-4	20.08	20.20	20.14	21.00
3GPP Rel 6	HSUPA Subtest-5	22.11	22.22	22.10	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.72	19.86	19.72	20.50

【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	22.60	22.70	22.57	23.80
3GPP Rel 99	RMC 12.2Kbps	22.70	22.71	22.67	23.80
3GPP Rel 6	HSDPA Subtest-1	21.59	21.80	21.87	22.80
3GPP Rel 6	HSDPA Subtest-2	21.69	21.79	21.55	22.80
3GPP Rel 6	HSDPA Subtest-3	21.23	21.23	21.09	22.30
3GPP Rel 6	HSDPA Subtest-4	21.06	21.29	21.21	22.30
3GPP Rel 8	DC-HSDPA Subtest-1	21.68	21.82	21.80	22.80
3GPP Rel 8	DC-HSDPA Subtest-2	21.63	21.60	21.61	22.80
3GPP Rel 8	DC-HSDPA Subtest-3	21.08	21.29	21.08	22.30
3GPP Rel 8	DC-HSDPA Subtest-4	21.10	21.19	21.14	22.30
3GPP Rel 6	HSUPA Subtest-1	21.46	21.66	21.53	22.80
3GPP Rel 6	HSUPA Subtest-2	19.57	19.73	19.58	20.80
3GPP Rel 6	HSUPA Subtest-3	20.69	20.89	20.93	21.80
3GPP Rel 6	HSUPA Subtest-4	19.58	19.67	19.60	20.80
3GPP Rel 6	HSUPA Subtest-5	21.53	21.78	21.50	22.80
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.34	19.30	19.24	20.30

【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	20.16	20.17	20.19	21.10
3GPP Rel 99	RMC 12.2Kbps	20.18	20.38	20.27	21.10
3GPP Rel 6	HSDPA Subtest-1	19.20	19.34	19.32	20.10
3GPP Rel 6	HSDPA Subtest-2	19.25	19.33	19.33	20.10
3GPP Rel 6	HSDPA Subtest-3	18.75	18.76	18.76	19.60
3GPP Rel 6	HSDPA Subtest-4	18.60	18.62	18.60	19.60
3GPP Rel 8	DC-HSDPA Subtest-1	19.10	19.18	19.14	20.10
3GPP Rel 8	DC-HSDPA Subtest-2	19.14	19.23	19.13	20.10
3GPP Rel 8	DC-HSDPA Subtest-3	18.73	18.79	18.74	19.60
3GPP Rel 8	DC-HSDPA Subtest-4	18.61	18.65	18.65	19.60
3GPP Rel 6	HSUPA Subtest-1	19.12	19.16	19.10	20.10
3GPP Rel 6	HSUPA Subtest-2	17.16	17.18	17.11	18.10
3GPP Rel 6	HSUPA Subtest-3	18.27	18.33	18.28	19.10
3GPP Rel 6	HSUPA Subtest-4	17.13	17.24	17.20	18.10
3GPP Rel 6	HSUPA Subtest-5	19.15	19.25	19.18	20.10
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	16.89	16.92	16.82	17.60

【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	23.14	23.27	23.16	24.00
3GPP Rel 99	RMC 12.2Kbps	23.10	23.41	23.27	24.00
3GPP Rel 6	HSDPA Subtest-1	22.16	22.30	22.26	23.00
3GPP Rel 6	HSDPA Subtest-2	22.15	22.24	22.15	23.00
3GPP Rel 6	HSDPA Subtest-3	21.67	21.73	21.69	22.50
3GPP Rel 6	HSDPA Subtest-4	21.66	21.68	21.68	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.20	22.26	22.24	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.04	22.16	22.08	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.60	21.70	21.63	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.52	21.60	21.63	22.50
3GPP Rel 6	HSUPA Subtest-1	22.03	22.16	22.10	23.00
3GPP Rel 6	HSUPA Subtest-2	20.18	20.29	20.19	21.00
3GPP Rel 6	HSUPA Subtest-3	21.20	21.36	21.32	22.00
3GPP Rel 6	HSUPA Subtest-4	20.08	20.20	20.14	21.00
3GPP Rel 6	HSUPA Subtest-5	22.11	22.22	22.10	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.72	19.86	19.72	20.50

【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	23.14	23.27	23.16	24.00
3GPP Rel 99	RMC 12.2Kbps	23.10	23.41	23.27	24.00
3GPP Rel 6	HSDPA Subtest-1	22.16	22.30	22.26	23.00
3GPP Rel 6	HSDPA Subtest-2	22.15	22.24	22.15	23.00
3GPP Rel 6	HSDPA Subtest-3	21.67	21.73	21.69	22.50
3GPP Rel 6	HSDPA Subtest-4	21.66	21.68	21.68	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.20	22.26	22.24	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.04	22.16	22.08	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.60	21.70	21.63	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.52	21.60	21.63	22.50
3GPP Rel 6	HSUPA Subtest-1	22.03	22.16	22.10	23.00
3GPP Rel 6	HSUPA Subtest-2	20.18	20.29	20.19	21.00
3GPP Rel 6	HSUPA Subtest-3	21.20	21.36	21.32	22.00
3GPP Rel 6	HSUPA Subtest-4	20.08	20.20	20.14	21.00
3GPP Rel 6	HSUPA Subtest-5	22.11	22.22	22.10	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.72	19.86	19.72	20.50

【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	18.60	18.71	18.70	19.50
3GPP Rel 99	RMC 12.2Kbps	18.67	18.75	18.64	19.50
3GPP Rel 6	HSDPA Subtest-1	17.65	17.80	17.65	18.50
3GPP Rel 6	HSDPA Subtest-2	17.62	17.82	17.68	18.50
3GPP Rel 6	HSDPA Subtest-3	17.25	17.19	17.19	18.00
3GPP Rel 6	HSDPA Subtest-4	17.09	17.14	17.25	18.00
3GPP Rel 8	DC-HSDPA Subtest-1	17.69	17.83	17.74	18.50
3GPP Rel 8	DC-HSDPA Subtest-2	17.62	17.70	17.56	18.50
3GPP Rel 8	DC-HSDPA Subtest-3	17.07	17.15	17.19	18.00
3GPP Rel 8	DC-HSDPA Subtest-4	17.06	17.17	17.16	18.00
3GPP Rel 6	HSUPA Subtest-1	17.54	17.63	17.65	18.50
3GPP Rel 6	HSUPA Subtest-2	15.79	15.72	15.73	16.50
3GPP Rel 6	HSUPA Subtest-3	16.77	16.91	16.94	17.50
3GPP Rel 6	HSUPA Subtest-4	15.63	15.80	15.61	16.50
3GPP Rel 6	HSUPA Subtest-5	17.59	17.78	17.54	18.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	15.15	15.46	15.12	16.00

<LTE Conducted Power>

【LTE Band 2_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				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	22.24	22.29	22.19	23.00
20	QPSK	1	49	22.09	22.23	22.04	23.00
20	QPSK	1	99	22.06	22.25	22.04	23.00
20	QPSK	50	0	21.34	21.37	21.21	22.00
20	QPSK	50	24	21.31	21.35	21.19	22.00
20	QPSK	50	50	21.29	21.34	21.16	22.00
20	QPSK	100	0	21.15	21.34	21.16	22.00
20	16QAM	1	0	21.32	21.45	21.24	22.00
20	16QAM	1	49	21.40	21.51	21.27	22.00
20	16QAM	1	99	21.29	21.46	21.30	22.00
20	16QAM	50	0	20.22	20.34	20.18	21.00
20	16QAM	50	24	20.20	20.36	20.14	21.00
20	16QAM	50	50	20.18	20.34	20.19	21.00
20	16QAM	100	0	20.14	20.31	20.12	21.00
20	64QAM	1	0	20.21	20.33	20.17	21.00
20	64QAM	1	49	20.23	20.34	20.21	21.00
20	64QAM	1	99	20.26	20.33	20.16	21.00
20	64QAM	50	0	19.13	19.31	19.09	20.00
20	64QAM	50	24	19.21	19.32	19.12	20.00
20	64QAM	50	50	19.28	19.39	19.20	20.00
20	64QAM	100	0	19.19	19.28	19.16	20.00
20	256QAM	1	0	17.31	17.39	17.19	18.00
20	256QAM	1	49	17.30	17.43	17.26	18.00
20	256QAM	1	99	17.26	17.38	17.17	18.00
20	256QAM	50	0	17.25	17.37	17.27	18.00
20	256QAM	50	24	17.24	17.38	17.18	18.00
20	256QAM	50	50	17.35	17.43	17.31	18.00
20	256QAM	100	0	17.20	17.34	17.13	18.00
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	22.18	22.26	22.13	23.00
15	QPSK	1	37	21.97	22.16	21.95	23.00
15	QPSK	1	74	22.02	22.10	21.99	23.00
15	QPSK	36	0	21.22	21.24	21.07	22.00
15	QPSK	36	20	21.27	21.27	21.13	22.00
15	QPSK	36	39	21.25	21.30	21.14	22.00
15	QPSK	75	0	21.14	21.24	21.06	22.00
15	16QAM	1	0	21.17	21.40	21.11	22.00
15	16QAM	1	37	21.37	21.45	21.20	22.00
15	16QAM	1	74	21.27	21.33	21.21	22.00
15	16QAM	36	0	20.10	20.33	20.04	21.00
15	16QAM	36	20	20.13	20.24	20.01	21.00
15	16QAM	36	39	20.03	20.25	20.08	21.00
15	16QAM	75	0	20.10	20.25	20.03	21.00
15	64QAM	1	0	20.11	20.30	20.07	21.00
15	64QAM	1	37	20.15	20.25	20.17	21.00
15	64QAM	1	74	20.19	20.30	20.14	21.00
15	64QAM	36	0	19.09	19.16	19.04	20.00
15	64QAM	36	20	19.11	19.22	18.98	20.00
15	64QAM	36	39	19.24	19.35	19.05	20.00
15	64QAM	75	0	19.18	19.25	19.03	20.00
15	256QAM	1	0	17.26	17.37	17.07	18.00
15	256QAM	1	37	17.22	17.39	17.16	18.00
15	256QAM	1	74	17.21	17.27	17.04	18.00
15	256QAM	36	0	17.24	17.35	17.17	18.00
15	256QAM	36	20	17.20	17.33	17.04	18.00
15	256QAM	36	39	17.32	17.40	17.26	18.00
15	256QAM	75	0	17.15	17.28	17.02	18.00
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	22.15	22.24	22.09	23.00
10	QPSK	1	25	22.02	22.12	22.01	23.00
10	QPSK	1	49	22.01	22.12	21.93	23.00
10	QPSK	25	0	21.17	21.30	21.04	22.00
10	QPSK	25	12	21.26	21.31	21.15	22.00
10	QPSK	25	25	21.24	21.32	21.14	22.00

10	QPSK	50	0	21.03	21.28	21.09	22.00
10	16QAM	1	0	21.18	21.43	21.21	22.00
10	16QAM	1	25	21.30	21.44	21.22	22.00
10	16QAM	1	49	21.22	21.32	21.26	22.00
10	16QAM	25	0	20.14	20.19	20.05	21.00
10	16QAM	25	12	20.16	20.24	20.06	21.00
10	16QAM	25	25	20.06	20.32	20.15	21.00
10	16QAM	50	0	20.00	20.16	20.04	21.00
10	64QAM	1	0	20.11	20.25	20.05	21.00
10	64QAM	1	25	20.16	20.22	20.15	21.00
10	64QAM	1	49	20.13	20.28	20.09	21.00
10	64QAM	25	0	19.12	19.18	18.96	20.00
10	64QAM	25	12	19.09	19.22	19.10	20.00
10	64QAM	25	25	19.27	19.37	19.18	20.00
10	64QAM	50	0	19.12	19.26	19.12	20.00
10	256QAM	1	0	17.21	17.24	17.09	18.00
10	256QAM	1	25	17.24	17.28	17.22	18.00
10	256QAM	1	49	17.24	17.28	17.07	18.00
10	256QAM	25	0	17.18	17.33	17.22	18.00
10	256QAM	25	12	17.17	17.30	17.08	18.00
10	256QAM	25	25	17.29	17.33	17.18	18.00
10	256QAM	50	0	17.16	17.22	17.09	18.00
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	22.22	22.16	22.17	23.00
5	QPSK	1	12	22.08	22.15	21.98	23.00
5	QPSK	1	24	21.94	22.17	21.99	23.00
5	QPSK	12	0	21.18	21.28	21.16	22.00
5	QPSK	12	7	21.26	21.31	21.09	22.00
5	QPSK	12	13	21.15	21.35	21.02	22.00
5	QPSK	25	0	21.12	21.24	21.03	22.00
5	16QAM	1	0	21.24	21.42	21.10	22.00
5	16QAM	1	12	21.29	21.48	21.17	22.00
5	16QAM	1	24	21.21	21.43	21.24	22.00
5	16QAM	12	0	20.20	20.29	20.06	21.00
5	16QAM	12	7	20.16	20.32	20.05	21.00
5	16QAM	12	13	20.16	20.30	20.06	21.00
5	16QAM	25	0	20.12	20.30	20.11	21.00
5	64QAM	1	0	20.19	20.31	20.02	21.00
5	64QAM	1	12	20.20	20.28	20.11	21.00
5	64QAM	1	24	20.23	20.30	20.13	21.00
5	64QAM	12	0	19.03	19.22	19.04	20.00
5	64QAM	12	7	19.06	19.29	19.09	20.00
5	64QAM	12	13	19.24	19.27	19.07	20.00
5	64QAM	25	0	19.11	19.18	19.11	20.00
5	256QAM	1	0	17.29	17.35	17.14	18.00
5	256QAM	1	12	17.18	17.30	17.24	18.00
5	256QAM	1	24	17.17	17.34	17.11	18.00
5	256QAM	12	0	17.14	17.32	17.15	18.00
5	256QAM	12	7	17.20	17.25	17.04	18.00
5	256QAM	12	13	17.20	17.29	17.23	18.00
5	256QAM	25	0	17.17	17.33	17.10	18.00
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	22.16	22.17	22.08	23.00
3	QPSK	1	8	21.96	22.13	21.94	23.00
3	QPSK	1	14	22.04	22.16	22.03	23.00
3	QPSK	8	0	21.21	21.32	21.10	22.00
3	QPSK	8	4	21.27	21.32	21.12	22.00
3	QPSK	8	7	21.19	21.33	21.11	22.00
3	QPSK	15	0	21.11	21.32	21.13	22.00
3	16QAM	1	0	21.25	21.31	21.22	22.00
3	16QAM	1	8	21.28	21.46	21.16	22.00
3	16QAM	1	14	21.15	21.36	21.23	22.00
3	16QAM	8	0	20.14	20.26	20.17	21.00
3	16QAM	8	4	20.18	20.23	20.06	21.00
3	16QAM	8	7	20.10	20.28	20.12	21.00
3	16QAM	15	0	20.01	20.21	20.11	21.00
3	64QAM	1	0	20.10	20.21	20.02	21.00
3	64QAM	1	8	20.11	20.19	20.07	21.00
3	64QAM	1	14	20.16	20.26	20.06	21.00
3	64QAM	8	0	19.09	19.23	18.96	20.00
3	64QAM	8	4	19.17	19.28	19.03	20.00
3	64QAM	8	7	19.18	19.38	19.06	20.00
3	64QAM	15	0	19.11	19.21	19.12	20.00
3	256QAM	1	0	17.30	17.34	17.10	18.00
3	256QAM	1	8	17.23	17.31	17.11	18.00
3	256QAM	1	14	17.12	17.34	17.11	18.00

3	256QAM	8	0	17.15	17.34	17.19	18.00
3	256QAM	8	4	17.23	17.36	17.11	18.00
3	256QAM	8	7	17.28	17.28	17.28	18.00
3	256QAM	15	0	17.15	17.20	16.99	18.00
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	22.17	22.19	22.16	23.00
1.4	QPSK	1	3	21.95	22.10	22.01	23.00
1.4	QPSK	1	5	21.92	22.10	22.00	23.00
1.4	QPSK	3	0	22.14	22.24	22.02	23.00
1.4	QPSK	3	1	22.22	22.27	22.13	23.00
1.4	QPSK	3	3	22.18	22.29	22.03	23.00
1.4	QPSK	6	0	21.08	21.22	21.04	22.00
1.4	16QAM	1	0	21.23	21.32	21.16	22.00
1.4	16QAM	1	3	21.30	21.46	21.26	22.00
1.4	16QAM	1	5	21.14	21.37	21.23	22.00
1.4	16QAM	3	0	21.19	21.27	21.08	22.00
1.4	16QAM	3	1	21.19	21.25	21.01	22.00
1.4	16QAM	3	3	21.09	21.25	21.17	22.00
1.4	16QAM	6	0	20.09	20.21	19.99	21.00
1.4	64QAM	1	0	20.09	20.31	20.10	21.00
1.4	64QAM	1	3	20.18	20.25	20.06	21.00
1.4	64QAM	1	5	20.16	20.18	20.01	21.00
1.4	64QAM	3	0	20.08	20.25	19.97	21.00
1.4	64QAM	3	1	20.10	20.30	20.01	21.00
1.4	64QAM	3	3	20.15	20.25	20.18	21.00
1.4	64QAM	6	0	19.11	19.18	19.10	20.00
1.4	256QAM	1	0	17.22	17.25	17.07	18.00
1.4	256QAM	1	3	17.22	17.35	17.21	18.00
1.4	256QAM	1	5	17.19	17.31	17.14	18.00
1.4	256QAM	3	0	17.19	17.25	17.18	18.00
1.4	256QAM	3	1	17.10	17.29	17.09	18.00
1.4	256QAM	3	3	17.22	17.40	17.20	18.00
1.4	256QAM	6	0	17.19	17.26	16.98	18.00

【LTE Band 2_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				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	22.24	22.29	22.19	23.00
20	QPSK	1	49	22.09	22.23	22.04	23.00
20	QPSK	1	99	22.06	22.25	22.04	23.00
20	QPSK	50	0	21.34	21.37	21.21	22.00
20	QPSK	50	24	21.31	21.35	21.19	22.00
20	QPSK	50	50	21.29	21.34	21.16	22.00
20	QPSK	100	0	21.15	21.34	21.16	22.00
20	16QAM	1	0	21.32	21.45	21.24	22.00
20	16QAM	1	49	21.40	21.51	21.27	22.00
20	16QAM	1	99	21.29	21.46	21.30	22.00
20	16QAM	50	0	20.22	20.34	20.18	21.00
20	16QAM	50	24	20.20	20.36	20.14	21.00
20	16QAM	50	50	20.18	20.34	20.19	21.00
20	16QAM	100	0	20.14	20.31	20.12	21.00
20	64QAM	1	0	20.21	20.33	20.17	21.00
20	64QAM	1	49	20.23	20.34	20.21	21.00
20	64QAM	1	99	20.26	20.33	20.16	21.00
20	64QAM	50	0	19.13	19.31	19.09	20.00
20	64QAM	50	24	19.21	19.32	19.12	20.00
20	64QAM	50	50	19.28	19.39	19.20	20.00
20	64QAM	100	0	19.19	19.28	19.16	20.00
20	256QAM	1	0	17.31	17.39	17.19	18.00
20	256QAM	1	49	17.30	17.43	17.26	18.00
20	256QAM	1	99	17.26	17.38	17.17	18.00
20	256QAM	50	0	17.25	17.37	17.27	18.00
20	256QAM	50	24	17.24	17.38	17.18	18.00
20	256QAM	50	50	17.35	17.43	17.31	18.00
20	256QAM	100	0	17.20	17.34	17.13	18.00
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	22.18	22.26	22.13	23.00
15	QPSK	1	37	21.97	22.16	21.95	23.00

15	QPSK	1	74	22.02	22.10	21.99	23.00
15	QPSK	36	0	21.22	21.24	21.07	22.00
15	QPSK	36	20	21.27	21.27	21.13	22.00
15	QPSK	36	39	21.25	21.30	21.14	22.00
15	QPSK	75	0	21.14	21.24	21.06	22.00
15	16QAM	1	0	21.17	21.40	21.11	22.00
15	16QAM	1	37	21.37	21.45	21.20	22.00
15	16QAM	1	74	21.27	21.33	21.21	22.00
15	16QAM	36	0	20.10	20.33	20.04	21.00
15	16QAM	36	20	20.13	20.24	20.01	21.00
15	16QAM	36	39	20.03	20.25	20.08	21.00
15	16QAM	75	0	20.10	20.25	20.03	21.00
15	64QAM	1	0	20.11	20.30	20.07	21.00
15	64QAM	1	37	20.15	20.25	20.17	21.00
15	64QAM	1	74	20.19	20.30	20.14	21.00
15	64QAM	36	0	19.09	19.16	19.04	20.00
15	64QAM	36	20	19.11	19.22	18.98	20.00
15	64QAM	36	39	19.24	19.35	19.05	20.00
15	64QAM	75	0	19.18	19.25	19.03	20.00
15	256QAM	1	0	17.26	17.37	17.07	18.00
15	256QAM	1	37	17.22	17.39	17.16	18.00
15	256QAM	1	74	17.21	17.27	17.04	18.00
15	256QAM	36	0	17.24	17.35	17.17	18.00
15	256QAM	36	20	17.20	17.33	17.04	18.00
15	256QAM	36	39	17.32	17.40	17.26	18.00
15	256QAM	75	0	17.15	17.28	17.02	18.00
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	22.15	22.24	22.09	23.00
10	QPSK	1	25	22.02	22.12	22.01	23.00
10	QPSK	1	49	22.01	22.12	21.93	23.00
10	QPSK	25	0	21.17	21.30	21.04	22.00
10	QPSK	25	12	21.26	21.31	21.15	22.00
10	QPSK	25	25	21.24	21.32	21.14	22.00
10	QPSK	50	0	21.03	21.28	21.09	22.00
10	16QAM	1	0	21.18	21.43	21.21	22.00
10	16QAM	1	25	21.30	21.44	21.22	22.00
10	16QAM	1	49	21.22	21.32	21.26	22.00
10	16QAM	25	0	20.14	20.19	20.05	21.00
10	16QAM	25	12	20.16	20.24	20.06	21.00
10	16QAM	25	25	20.06	20.32	20.15	21.00
10	16QAM	50	0	20.00	20.16	20.04	21.00
10	64QAM	1	0	20.11	20.25	20.05	21.00
10	64QAM	1	25	20.16	20.22	20.15	21.00
10	64QAM	1	49	20.13	20.28	20.09	21.00
10	64QAM	25	0	19.12	19.18	18.96	20.00
10	64QAM	25	12	19.09	19.22	19.10	20.00
10	64QAM	25	25	19.27	19.37	19.18	20.00
10	64QAM	50	0	19.12	19.26	19.12	20.00
10	256QAM	1	0	17.21	17.24	17.09	18.00
10	256QAM	1	25	17.24	17.28	17.22	18.00
10	256QAM	1	49	17.24	17.28	17.07	18.00
10	256QAM	25	0	17.18	17.33	17.22	18.00
10	256QAM	25	12	17.17	17.30	17.08	18.00
10	256QAM	25	25	17.29	17.33	17.18	18.00
10	256QAM	50	0	17.16	17.22	17.09	18.00
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	22.22	22.16	22.17	23.00
5	QPSK	1	12	22.08	22.15	21.98	23.00
5	QPSK	1	24	21.94	22.17	21.99	23.00
5	QPSK	12	0	21.18	21.28	21.16	22.00
5	QPSK	12	7	21.26	21.31	21.09	22.00
5	QPSK	12	13	21.15	21.35	21.02	22.00
5	QPSK	25	0	21.12	21.24	21.03	22.00
5	16QAM	1	0	21.24	21.42	21.10	22.00
5	16QAM	1	12	21.29	21.48	21.17	22.00
5	16QAM	1	24	21.21	21.43	21.24	22.00
5	16QAM	12	0	20.20	20.29	20.06	21.00
5	16QAM	12	7	20.16	20.32	20.05	21.00
5	16QAM	12	13	20.16	20.30	20.06	21.00
5	16QAM	25	0	20.12	20.30	20.11	21.00
5	64QAM	1	0	20.19	20.31	20.02	21.00
5	64QAM	1	12	20.20	20.28	20.11	21.00
5	64QAM	1	24	20.23	20.30	20.13	21.00
5	64QAM	12	0	19.03	19.22	19.04	20.00
5	64QAM	12	7	19.06	19.29	19.09	20.00
5	64QAM	12	13	19.24	19.27	19.07	20.00

5	64QAM	25	0	19.11	19.18	19.11	20.00
5	256QAM	1	0	17.29	17.35	17.14	18.00
5	256QAM	1	12	17.18	17.30	17.24	18.00
5	256QAM	1	24	17.17	17.34	17.11	18.00
5	256QAM	12	0	17.14	17.32	17.15	18.00
5	256QAM	12	7	17.20	17.25	17.04	18.00
5	256QAM	12	13	17.20	17.29	17.23	18.00
5	256QAM	25	0	17.17	17.33	17.10	18.00
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	22.16	22.17	22.08	23.00
3	QPSK	1	8	21.96	22.13	21.94	23.00
3	QPSK	1	14	22.04	22.16	22.03	23.00
3	QPSK	8	0	21.21	21.32	21.10	22.00
3	QPSK	8	4	21.27	21.32	21.12	22.00
3	QPSK	8	7	21.19	21.33	21.11	22.00
3	QPSK	15	0	21.11	21.32	21.13	22.00
3	16QAM	1	0	21.25	21.31	21.22	22.00
3	16QAM	1	8	21.28	21.46	21.16	22.00
3	16QAM	1	14	21.15	21.36	21.23	22.00
3	16QAM	8	0	20.14	20.26	20.17	21.00
3	16QAM	8	4	20.18	20.23	20.06	21.00
3	16QAM	8	7	20.10	20.28	20.12	21.00
3	16QAM	15	0	20.01	20.21	20.11	21.00
3	64QAM	1	0	20.10	20.21	20.02	21.00
3	64QAM	1	8	20.11	20.19	20.07	21.00
3	64QAM	1	14	20.16	20.26	20.06	21.00
3	64QAM	8	0	19.09	19.23	18.96	20.00
3	64QAM	8	4	19.17	19.28	19.03	20.00
3	64QAM	8	7	19.18	19.38	19.06	20.00
3	64QAM	15	0	19.11	19.21	19.12	20.00
3	256QAM	1	0	17.30	17.34	17.10	18.00
3	256QAM	1	8	17.23	17.31	17.11	18.00
3	256QAM	1	14	17.12	17.34	17.11	18.00
3	256QAM	8	0	17.15	17.34	17.19	18.00
3	256QAM	8	4	17.23	17.36	17.11	18.00
3	256QAM	8	7	17.28	17.28	17.28	18.00
3	256QAM	15	0	17.15	17.20	16.99	18.00
Channel				18607	18900	19193	Tune-up limit
Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	22.17	22.19	22.16	23.00
1.4	QPSK	1	3	21.95	22.10	22.01	23.00
1.4	QPSK	1	5	21.92	22.10	22.00	23.00
1.4	QPSK	3	0	22.14	22.24	22.02	23.00
1.4	QPSK	3	1	22.22	22.27	22.13	23.00
1.4	QPSK	3	3	22.18	22.29	22.03	23.00
1.4	QPSK	6	0	21.08	21.22	21.04	22.00
1.4	16QAM	1	0	21.23	21.32	21.16	22.00
1.4	16QAM	1	3	21.30	21.46	21.26	22.00
1.4	16QAM	1	5	21.14	21.37	21.23	22.00
1.4	16QAM	3	0	21.19	21.27	21.08	22.00
1.4	16QAM	3	1	21.19	21.25	21.01	22.00
1.4	16QAM	3	3	21.09	21.25	21.17	22.00
1.4	16QAM	6	0	20.09	20.21	19.99	21.00
1.4	64QAM	1	0	20.09	20.31	20.10	21.00
1.4	64QAM	1	3	20.18	20.25	20.06	21.00
1.4	64QAM	1	5	20.16	20.18	20.01	21.00
1.4	64QAM	3	0	20.08	20.25	19.97	21.00
1.4	64QAM	3	1	20.10	20.30	20.01	21.00
1.4	64QAM	3	3	20.15	20.25	20.18	21.00
1.4	64QAM	6	0	19.11	19.18	19.10	20.00
1.4	256QAM	1	0	17.22	17.25	17.07	18.00
1.4	256QAM	1	3	17.22	17.35	17.21	18.00
1.4	256QAM	1	5	17.19	17.31	17.14	18.00
1.4	256QAM	3	0	17.19	17.25	17.18	18.00
1.4	256QAM	3	1	17.10	17.29	17.09	18.00
1.4	256QAM	3	3	17.22	17.40	17.20	18.00
1.4	256QAM	6	0	17.19	17.26	16.98	18.00

【LTE Band 2_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				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	17.44	17.48	17.36	18.50
20	QPSK	1	49	17.12	17.41	17.25	18.50
20	QPSK	1	99	17.21	17.46	17.18	18.50
20	QPSK	50	0	17.39	17.46	17.40	18.50
20	QPSK	50	24	17.23	17.45	17.23	18.50
20	QPSK	50	50	17.25	17.44	17.32	18.50
20	QPSK	100	0	17.17	17.30	17.31	18.50
20	16QAM	1	0	17.08	17.42	17.21	18.50
20	16QAM	1	49	17.21	17.30	17.24	18.50
20	16QAM	1	99	17.11	17.49	17.29	18.50
20	16QAM	50	0	17.15	17.45	17.30	18.50
20	16QAM	50	24	17.12	17.40	17.25	18.50
20	16QAM	50	50	17.24	17.42	17.24	18.50
20	16QAM	100	0	17.23	17.50	17.22	18.50
20	64QAM	1	0	17.21	17.38	17.30	18.50
20	64QAM	1	49	17.16	17.37	17.31	18.50
20	64QAM	1	99	17.10	17.40	17.33	18.50
20	64QAM	50	0	17.16	17.34	17.16	18.50
20	64QAM	50	24	17.14	17.31	17.14	18.50
20	64QAM	50	50	17.30	17.32	17.35	18.50
20	64QAM	100	0	17.18	17.28	17.25	18.50
20	256QAM	1	0	16.56	16.97	16.70	18.00
20	256QAM	1	49	16.74	16.86	16.79	18.00
20	256QAM	1	99	16.72	17.07	16.76	18.00
20	256QAM	50	0	16.73	16.74	16.81	18.00
20	256QAM	50	24	16.73	16.98	16.79	18.00
20	256QAM	50	50	16.70	16.76	16.75	18.00
20	256QAM	100	0	16.66	17.05	16.76	18.00
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	17.41	17.36	17.31	18.50
15	QPSK	1	37	17.09	17.37	17.24	18.50
15	QPSK	1	74	17.13	17.36	17.14	18.50
15	QPSK	36	0	17.38	17.43	17.34	18.50
15	QPSK	36	20	17.21	17.42	17.15	18.50
15	QPSK	36	39	17.14	17.42	17.22	18.50
15	QPSK	75	0	17.08	17.26	17.23	18.50
15	16QAM	1	0	16.93	17.36	17.12	18.50
15	16QAM	1	37	17.14	17.17	17.18	18.50
15	16QAM	1	74	17.09	17.45	17.15	18.50
15	16QAM	36	0	17.07	17.34	17.17	18.50
15	16QAM	36	20	17.08	17.29	17.11	18.50
15	16QAM	36	39	17.10	17.38	17.13	18.50
15	16QAM	75	0	17.14	17.36	17.16	18.50
15	64QAM	1	0	17.18	17.24	17.18	18.50
15	64QAM	1	37	17.03	17.32	17.19	18.50
15	64QAM	1	74	16.98	17.31	17.21	18.50
15	64QAM	36	0	17.14	17.30	17.08	18.50
15	64QAM	36	20	17.11	17.20	17.11	18.50
15	64QAM	36	39	17.28	17.25	17.30	18.50
15	64QAM	75	0	17.13	17.24	17.23	18.50
15	256QAM	1	0	16.54	16.89	16.58	18.00
15	256QAM	1	37	16.69	16.72	16.70	18.00
15	256QAM	1	74	16.68	16.96	16.71	18.00
15	256QAM	36	0	16.61	16.61	16.72	18.00
15	256QAM	36	20	16.58	16.85	16.67	18.00
15	256QAM	36	39	16.60	16.73	16.66	18.00
15	256QAM	75	0	16.59	16.93	16.67	18.00
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	17.36	17.44	17.33	18.50
10	QPSK	1	25	17.03	17.30	17.20	18.50
10	QPSK	1	49	17.14	17.44	17.06	18.50
10	QPSK	25	0	17.26	17.33	17.36	18.50
10	QPSK	25	12	17.12	17.33	17.18	18.50
10	QPSK	25	25	17.24	17.33	17.22	18.50
10	QPSK	50	0	17.11	17.21	17.30	18.50
10	16QAM	1	0	16.95	17.35	17.16	18.50
10	16QAM	1	25	17.15	17.15	17.20	18.50
10	16QAM	1	49	16.96	17.43	17.18	18.50
10	16QAM	25	0	17.01	17.38	17.24	18.50

10	16QAM	25	12	17.06	17.31	17.16	18.50
10	16QAM	25	25	17.16	17.35	17.19	18.50
10	16QAM	50	0	17.12	17.43	17.20	18.50
10	64QAM	1	0	17.18	17.24	17.25	18.50
10	64QAM	1	25	17.07	17.27	17.23	18.50
10	64QAM	1	49	16.99	17.33	17.29	18.50
10	64QAM	25	0	17.06	17.22	17.08	18.50
10	64QAM	25	12	17.10	17.30	17.03	18.50
10	64QAM	25	25	17.24	17.25	17.32	18.50
10	64QAM	50	0	17.05	17.21	17.13	18.50
10	256QAM	1	0	16.52	16.89	16.67	18.00
10	256QAM	1	25	16.61	16.82	16.77	18.00
10	256QAM	1	49	16.64	17.05	16.65	18.00
10	256QAM	25	0	16.60	16.67	16.73	18.00
10	256QAM	25	12	16.62	16.93	16.76	18.00
10	256QAM	25	25	16.64	16.73	16.61	18.00
10	256QAM	50	0	16.62	16.93	16.68	18.00
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	17.38	17.37	17.34	18.50
5	QPSK	1	12	17.10	17.39	17.23	18.50
5	QPSK	1	24	17.08	17.43	17.11	18.50
5	QPSK	12	0	17.34	17.34	17.33	18.50
5	QPSK	12	7	17.13	17.37	17.20	18.50
5	QPSK	12	13	17.17	17.34	17.24	18.50
5	QPSK	25	0	17.09	17.19	17.20	18.50
5	16QAM	1	0	17.04	17.36	17.14	18.50
5	16QAM	1	12	17.06	17.27	17.09	18.50
5	16QAM	1	24	16.97	17.42	17.19	18.50
5	16QAM	12	0	17.04	17.37	17.25	18.50
5	16QAM	12	7	17.01	17.26	17.21	18.50
5	16QAM	12	13	17.16	17.41	17.10	18.50
5	16QAM	25	0	17.16	17.44	17.11	18.50
5	64QAM	1	0	17.06	17.25	17.29	18.50
5	64QAM	1	12	17.14	17.27	17.21	18.50
5	64QAM	1	24	16.97	17.34	17.20	18.50
5	64QAM	12	0	17.14	17.20	17.13	18.50
5	64QAM	12	7	17.10	17.26	17.09	18.50
5	64QAM	12	13	17.24	17.26	17.23	18.50
5	64QAM	25	0	17.15	17.20	17.17	18.50
5	256QAM	1	0	16.43	16.89	16.63	18.00
5	256QAM	1	12	16.63	16.85	16.69	18.00
5	256QAM	1	24	16.57	16.96	16.61	18.00
5	256QAM	12	0	16.60	16.68	16.74	18.00
5	256QAM	12	7	16.59	16.92	16.70	18.00
5	256QAM	12	13	16.57	16.73	16.72	18.00
5	256QAM	25	0	16.63	17.01	16.65	18.00
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	17.38	17.45	17.21	18.50
3	QPSK	1	8	16.98	17.30	17.23	18.50
3	QPSK	1	14	17.20	17.44	17.11	18.50
3	QPSK	8	0	17.26	17.43	17.36	18.50
3	QPSK	8	4	17.22	17.38	17.09	18.50
3	QPSK	8	7	17.16	17.35	17.29	18.50
3	QPSK	15	0	17.10	17.18	17.25	18.50
3	16QAM	1	0	17.03	17.39	17.09	18.50
3	16QAM	1	8	17.09	17.16	17.11	18.50
3	16QAM	1	14	17.08	17.41	17.20	18.50
3	16QAM	8	0	17.02	17.37	17.26	18.50
3	16QAM	8	4	16.98	17.38	17.13	18.50
3	16QAM	8	7	17.10	17.28	17.10	18.50
3	16QAM	15	0	17.20	17.38	17.11	18.50
3	64QAM	1	0	17.12	17.27	17.29	18.50
3	64QAM	1	8	17.01	17.27	17.27	18.50
3	64QAM	1	14	17.09	17.29	17.32	18.50
3	64QAM	8	0	17.01	17.26	17.15	18.50
3	64QAM	8	4	17.06	17.25	17.06	18.50
3	64QAM	8	7	17.24	17.30	17.24	18.50
3	64QAM	15	0	17.06	17.22	17.18	18.50
3	256QAM	1	0	16.52	16.85	16.58	18.00
3	256QAM	1	8	16.64	16.77	16.65	18.00
3	256QAM	1	14	16.67	16.99	16.61	18.00
3	256QAM	8	0	16.64	16.69	16.72	18.00
3	256QAM	8	4	16.59	16.86	16.73	18.00
3	256QAM	8	7	16.66	16.73	16.61	18.00
3	256QAM	15	0	16.63	16.98	16.67	18.00
Channel				18607	18900	19193	Tune-up limit

Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	17.36	17.45	17.28	18.50
1.4	QPSK	1	3	17.03	17.30	17.20	18.50
1.4	QPSK	1	5	17.10	17.35	17.07	18.50
1.4	QPSK	3	0	17.32	17.38	17.29	18.50
1.4	QPSK	3	1	17.15	17.40	17.20	18.50
1.4	QPSK	3	3	17.22	17.33	17.26	18.50
1.4	QPSK	6	0	17.06	17.26	17.22	18.50
1.4	16QAM	1	0	16.95	17.31	17.17	18.50
1.4	16QAM	1	3	17.06	17.24	17.10	18.50
1.4	16QAM	1	5	17.10	17.35	17.18	18.50
1.4	16QAM	3	0	17.06	17.36	17.27	18.50
1.4	16QAM	3	1	17.04	17.34	17.13	18.50
1.4	16QAM	3	3	17.10	17.39	17.18	18.50
1.4	16QAM	6	0	17.16	17.45	17.14	18.50
1.4	64QAM	1	0	17.07	17.30	17.22	18.50
1.4	64QAM	1	3	17.04	17.30	17.19	18.50
1.4	64QAM	1	5	17.02	17.35	17.27	18.50
1.4	64QAM	3	0	17.12	17.30	17.06	18.50
1.4	64QAM	3	1	17.01	17.17	17.02	18.50
1.4	64QAM	3	3	17.17	17.25	17.20	18.50
1.4	64QAM	6	0	17.17	17.22	17.11	18.50
1.4	256QAM	1	0	16.49	16.92	16.58	18.00
1.4	256QAM	1	3	16.61	16.72	16.78	18.00
1.4	256QAM	1	5	16.70	17.02	16.67	18.00
1.4	256QAM	3	0	16.67	16.67	16.71	18.00
1.4	256QAM	3	1	16.63	16.93	16.72	18.00
1.4	256QAM	3	3	16.65	16.67	16.65	18.00
1.4	256QAM	6	0	16.64	17.03	16.72	18.00

【LTE Band 2_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				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	22.24	22.29	22.19	23.00
20	QPSK	1	49	22.09	22.23	22.04	23.00
20	QPSK	1	99	22.06	22.25	22.04	23.00
20	QPSK	50	0	21.34	21.37	21.21	22.00
20	QPSK	50	24	21.31	21.35	21.19	22.00
20	QPSK	50	50	21.29	21.34	21.16	22.00
20	QPSK	100	0	21.15	21.34	21.16	22.00
20	16QAM	1	0	21.32	21.45	21.24	22.00
20	16QAM	1	49	21.40	21.51	21.27	22.00
20	16QAM	1	99	21.29	21.46	21.30	22.00
20	16QAM	50	0	20.22	20.34	20.18	21.00
20	16QAM	50	24	20.20	20.36	20.14	21.00
20	16QAM	50	50	20.18	20.34	20.19	21.00
20	16QAM	100	0	20.14	20.31	20.12	21.00
20	64QAM	1	0	20.21	20.33	20.17	21.00
20	64QAM	1	49	20.23	20.34	20.21	21.00
20	64QAM	1	99	20.26	20.33	20.16	21.00
20	64QAM	50	0	19.13	19.31	19.09	20.00
20	64QAM	50	24	19.21	19.32	19.12	20.00
20	64QAM	50	50	19.28	19.39	19.20	20.00
20	64QAM	100	0	19.19	19.28	19.16	20.00
20	256QAM	1	0	17.31	17.39	17.19	18.00
20	256QAM	1	49	17.30	17.43	17.26	18.00
20	256QAM	1	99	17.26	17.38	17.17	18.00
20	256QAM	50	0	17.25	17.37	17.27	18.00
20	256QAM	50	24	17.24	17.38	17.18	18.00
20	256QAM	50	50	17.35	17.43	17.31	18.00
20	256QAM	100	0	17.20	17.34	17.13	18.00
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	22.18	22.26	22.13	23.00
15	QPSK	1	37	21.97	22.16	21.95	23.00
15	QPSK	1	74	22.02	22.10	21.99	23.00
15	QPSK	36	0	21.22	21.24	21.07	22.00
15	QPSK	36	20	21.27	21.27	21.13	22.00
15	QPSK	36	39	21.25	21.30	21.14	22.00
15	QPSK	75	0	21.14	21.24	21.06	22.00

15	16QAM	1	0	21.17	21.40	21.11	22.00
15	16QAM	1	37	21.37	21.45	21.20	22.00
15	16QAM	1	74	21.27	21.33	21.21	22.00
15	16QAM	36	0	20.10	20.33	20.04	21.00
15	16QAM	36	20	20.13	20.24	20.01	21.00
15	16QAM	36	39	20.03	20.25	20.08	21.00
15	16QAM	75	0	20.10	20.25	20.03	21.00
15	64QAM	1	0	20.11	20.30	20.07	21.00
15	64QAM	1	37	20.15	20.25	20.17	21.00
15	64QAM	1	74	20.19	20.30	20.14	21.00
15	64QAM	36	0	19.09	19.16	19.04	20.00
15	64QAM	36	20	19.11	19.22	18.98	20.00
15	64QAM	36	39	19.24	19.35	19.05	20.00
15	64QAM	75	0	19.18	19.25	19.03	20.00
15	256QAM	1	0	17.26	17.37	17.07	18.00
15	256QAM	1	37	17.22	17.39	17.16	18.00
15	256QAM	1	74	17.21	17.27	17.04	18.00
15	256QAM	36	0	17.24	17.35	17.17	18.00
15	256QAM	36	20	17.20	17.33	17.04	18.00
15	256QAM	36	39	17.32	17.40	17.26	18.00
15	256QAM	75	0	17.15	17.28	17.02	18.00
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	22.15	22.24	22.09	23.00
10	QPSK	1	25	22.02	22.12	22.01	23.00
10	QPSK	1	49	22.01	22.12	21.93	23.00
10	QPSK	25	0	21.17	21.30	21.04	22.00
10	QPSK	25	12	21.26	21.31	21.15	22.00
10	QPSK	25	25	21.24	21.32	21.14	22.00
10	QPSK	50	0	21.03	21.28	21.09	22.00
10	16QAM	1	0	21.18	21.43	21.21	22.00
10	16QAM	1	25	21.30	21.44	21.22	22.00
10	16QAM	1	49	21.22	21.32	21.26	22.00
10	16QAM	25	0	20.14	20.19	20.05	21.00
10	16QAM	25	12	20.16	20.24	20.06	21.00
10	16QAM	25	25	20.06	20.32	20.15	21.00
10	16QAM	50	0	20.00	20.16	20.04	21.00
10	64QAM	1	0	20.11	20.25	20.05	21.00
10	64QAM	1	25	20.16	20.22	20.15	21.00
10	64QAM	1	49	20.13	20.28	20.09	21.00
10	64QAM	25	0	19.12	19.18	18.96	20.00
10	64QAM	25	12	19.09	19.22	19.10	20.00
10	64QAM	25	25	19.27	19.37	19.18	20.00
10	64QAM	50	0	19.12	19.26	19.12	20.00
10	256QAM	1	0	17.21	17.24	17.09	18.00
10	256QAM	1	25	17.24	17.28	17.22	18.00
10	256QAM	1	49	17.24	17.28	17.07	18.00
10	256QAM	25	0	17.18	17.33	17.22	18.00
10	256QAM	25	12	17.17	17.30	17.08	18.00
10	256QAM	25	25	17.29	17.33	17.18	18.00
10	256QAM	50	0	17.16	17.22	17.09	18.00
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	22.22	22.16	22.17	23.00
5	QPSK	1	12	22.08	22.15	21.98	23.00
5	QPSK	1	24	21.94	22.17	21.99	23.00
5	QPSK	12	0	21.18	21.28	21.16	22.00
5	QPSK	12	7	21.26	21.31	21.09	22.00
5	QPSK	12	13	21.15	21.35	21.02	22.00
5	QPSK	25	0	21.12	21.24	21.03	22.00
5	16QAM	1	0	21.24	21.42	21.10	22.00
5	16QAM	1	12	21.29	21.48	21.17	22.00
5	16QAM	1	24	21.21	21.43	21.24	22.00
5	16QAM	12	0	20.20	20.29	20.06	21.00
5	16QAM	12	7	20.16	20.32	20.05	21.00
5	16QAM	12	13	20.16	20.30	20.06	21.00
5	16QAM	25	0	20.12	20.30	20.11	21.00
5	64QAM	1	0	20.19	20.31	20.02	21.00
5	64QAM	1	12	20.20	20.28	20.11	21.00
5	64QAM	1	24	20.23	20.30	20.13	21.00
5	64QAM	12	0	19.03	19.22	19.04	20.00
5	64QAM	12	7	19.06	19.29	19.09	20.00
5	64QAM	12	13	19.24	19.27	19.07	20.00
5	64QAM	25	0	19.11	19.18	19.11	20.00
5	256QAM	1	0	17.29	17.35	17.14	18.00
5	256QAM	1	12	17.18	17.30	17.24	18.00
5	256QAM	1	24	17.17	17.34	17.11	18.00
5	256QAM	12	0	17.14	17.32	17.15	18.00

5	256QAM	12	7	17.20	17.25	17.04	18.00
5	256QAM	12	13	17.20	17.29	17.23	18.00
5	256QAM	25	0	17.17	17.33	17.10	18.00
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	22.16	22.17	22.08	23.00
3	QPSK	1	8	21.96	22.13	21.94	23.00
3	QPSK	1	14	22.04	22.16	22.03	23.00
3	QPSK	8	0	21.21	21.32	21.10	22.00
3	QPSK	8	4	21.27	21.32	21.12	22.00
3	QPSK	8	7	21.19	21.33	21.11	22.00
3	QPSK	15	0	21.11	21.32	21.13	22.00
3	16QAM	1	0	21.25	21.31	21.22	22.00
3	16QAM	1	8	21.28	21.46	21.16	22.00
3	16QAM	1	14	21.15	21.36	21.23	22.00
3	16QAM	8	0	20.14	20.26	20.17	21.00
3	16QAM	8	4	20.18	20.23	20.06	21.00
3	16QAM	8	7	20.10	20.28	20.12	21.00
3	16QAM	15	0	20.01	20.21	20.11	21.00
3	64QAM	1	0	20.10	20.21	20.02	21.00
3	64QAM	1	8	20.11	20.19	20.07	21.00
3	64QAM	1	14	20.16	20.26	20.06	21.00
3	64QAM	8	0	19.09	19.23	18.96	20.00
3	64QAM	8	4	19.17	19.28	19.03	20.00
3	64QAM	8	7	19.18	19.38	19.06	20.00
3	64QAM	15	0	19.11	19.21	19.12	20.00
3	256QAM	1	0	17.30	17.34	17.10	18.00
3	256QAM	1	8	17.23	17.31	17.11	18.00
3	256QAM	1	14	17.12	17.34	17.11	18.00
3	256QAM	8	0	17.15	17.34	17.19	18.00
3	256QAM	8	4	17.23	17.36	17.11	18.00
3	256QAM	8	7	17.28	17.28	17.28	18.00
3	256QAM	15	0	17.15	17.20	16.99	18.00
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	22.17	22.19	22.16	23.00
1.4	QPSK	1	3	21.95	22.10	22.01	23.00
1.4	QPSK	1	5	21.92	22.10	22.00	23.00
1.4	QPSK	3	0	22.14	22.24	22.02	23.00
1.4	QPSK	3	1	22.22	22.27	22.13	23.00
1.4	QPSK	3	3	22.18	22.29	22.03	23.00
1.4	QPSK	6	0	21.08	21.22	21.04	22.00
1.4	16QAM	1	0	21.23	21.32	21.16	22.00
1.4	16QAM	1	3	21.30	21.46	21.26	22.00
1.4	16QAM	1	5	21.14	21.37	21.23	22.00
1.4	16QAM	3	0	21.19	21.27	21.08	22.00
1.4	16QAM	3	1	21.19	21.25	21.01	22.00
1.4	16QAM	3	3	21.09	21.25	21.17	22.00
1.4	16QAM	6	0	20.09	20.21	19.99	21.00
1.4	64QAM	1	0	20.09	20.31	20.10	21.00
1.4	64QAM	1	3	20.18	20.25	20.06	21.00
1.4	64QAM	1	5	20.16	20.18	20.01	21.00
1.4	64QAM	3	0	20.08	20.25	19.97	21.00
1.4	64QAM	3	1	20.10	20.30	20.01	21.00
1.4	64QAM	3	3	20.15	20.25	20.18	21.00
1.4	64QAM	6	0	19.11	19.18	19.10	20.00
1.4	256QAM	1	0	17.22	17.25	17.07	18.00
1.4	256QAM	1	3	17.22	17.35	17.21	18.00
1.4	256QAM	1	5	17.19	17.31	17.14	18.00
1.4	256QAM	3	0	17.19	17.25	17.18	18.00
1.4	256QAM	3	1	17.10	17.29	17.09	18.00
1.4	256QAM	3	3	17.22	17.40	17.20	18.00
1.4	256QAM	6	0	17.19	17.26	16.98	18.00

【LTE Band 2_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				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	20.42	20.56	20.38	21.50
20	QPSK	1	49	20.39	20.41	20.35	21.50
20	QPSK	1	99	20.33	20.40	20.33	21.50
20	QPSK	50	0	20.35	20.54	20.34	21.50
20	QPSK	50	24	20.26	20.46	20.31	21.50
20	QPSK	50	50	20.36	20.44	20.38	21.50
20	QPSK	100	0	20.36	20.41	20.28	21.50
20	16QAM	1	0	20.23	20.44	20.21	21.50
20	16QAM	1	49	20.44	20.46	20.20	21.50
20	16QAM	1	99	20.21	20.40	20.37	21.50
20	16QAM	50	0	20.01	20.06	19.82	21.00
20	16QAM	50	24	19.86	19.98	19.93	21.00
20	16QAM	50	50	19.80	20.05	19.96	21.00
20	16QAM	100	0	19.84	20.11	19.93	21.00
20	64QAM	1	0	19.81	20.12	19.79	21.00
20	64QAM	1	49	19.83	20.17	19.89	21.00
20	64QAM	1	99	19.88	20.08	19.97	21.00
20	64QAM	50	0	18.82	19.14	18.87	20.00
20	64QAM	50	24	19.03	19.02	18.82	20.00
20	64QAM	50	50	19.04	19.11	18.83	20.00
20	64QAM	100	0	18.85	19.00	18.76	20.00
20	256QAM	1	0	16.92	17.04	16.91	18.00
20	256QAM	1	49	16.92	17.03	16.91	18.00
20	256QAM	1	99	16.96	17.08	16.85	18.00
20	256QAM	50	0	16.86	17.07	16.77	18.00
20	256QAM	50	24	16.84	17.01	16.84	18.00
20	256QAM	50	50	16.93	17.12	16.96	18.00
20	256QAM	100	0	16.89	17.16	16.85	18.00
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	20.33	20.44	20.32	21.50
15	QPSK	1	37	20.34	20.32	20.36	21.50
15	QPSK	1	74	20.30	20.36	20.28	21.50
15	QPSK	36	0	20.21	20.45	20.24	21.50
15	QPSK	36	20	20.22	20.39	20.24	21.50
15	QPSK	36	39	20.24	20.36	20.26	21.50
15	QPSK	75	0	20.34	20.22	20.26	21.50
15	16QAM	1	0	20.12	20.32	20.08	21.50
15	16QAM	1	37	20.36	20.38	20.09	21.50
15	16QAM	1	74	20.08	20.39	20.26	21.50
15	16QAM	36	0	19.99	20.00	19.67	21.00
15	16QAM	36	20	19.75	19.97	19.91	21.00
15	16QAM	36	39	19.78	20.03	19.91	21.00
15	16QAM	75	0	19.72	20.03	19.88	21.00
15	64QAM	1	0	19.66	20.02	19.72	21.00
15	64QAM	1	37	19.73	20.11	19.79	21.00
15	64QAM	1	74	19.81	19.97	19.83	21.00
15	64QAM	36	0	18.79	19.09	18.74	20.00
15	64QAM	36	20	18.99	18.88	18.67	20.00
15	64QAM	36	39	19.02	19.00	18.78	20.00
15	64QAM	75	0	18.74	18.89	18.67	20.00
15	256QAM	1	0	16.81	16.96	16.81	18.00
15	256QAM	1	37	16.81	16.96	16.87	18.00
15	256QAM	1	74	16.91	16.93	16.77	18.00
15	256QAM	36	0	16.80	16.92	16.66	18.00
15	256QAM	36	20	16.69	16.93	16.78	18.00
15	256QAM	36	39	16.82	17.04	16.91	18.00
15	256QAM	75	0	16.78	17.11	16.77	18.00
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	20.29	20.52	20.36	21.50
10	QPSK	1	25	20.24	20.34	20.31	21.50
10	QPSK	1	49	20.20	20.38	20.30	21.50
10	QPSK	25	0	20.32	20.48	20.30	21.50
10	QPSK	25	12	20.20	20.38	20.20	21.50
10	QPSK	25	25	20.27	20.42	20.32	21.50
10	QPSK	50	0	20.36	20.23	20.13	21.50
10	16QAM	1	0	20.14	20.43	20.19	21.50
10	16QAM	1	25	20.32	20.43	20.07	21.50

10	16QAM	1	49	20.15	20.39	20.29	21.50
10	16QAM	25	0	19.92	19.98	19.69	21.00
10	16QAM	25	12	19.77	19.87	19.79	21.00
10	16QAM	25	25	19.69	19.99	19.88	21.00
10	16QAM	50	0	19.74	19.97	19.89	21.00
10	64QAM	1	0	19.78	19.99	19.75	21.00
10	64QAM	1	25	19.81	20.15	19.83	21.00
10	64QAM	1	49	19.87	19.94	19.95	21.00
10	64QAM	25	0	18.68	19.11	18.73	20.00
10	64QAM	25	12	18.93	18.90	18.75	20.00
10	64QAM	25	25	18.93	19.00	18.80	20.00
10	64QAM	50	0	18.76	18.95	18.62	20.00
10	256QAM	1	0	16.79	16.94	16.89	18.00
10	256QAM	1	25	16.87	16.89	16.86	18.00
10	256QAM	1	49	16.84	17.06	16.71	18.00
10	256QAM	25	0	16.81	17.00	16.63	18.00
10	256QAM	25	12	16.75	16.99	16.79	18.00
10	256QAM	25	25	16.86	17.08	16.91	18.00
10	256QAM	50	0	16.86	17.10	16.77	18.00
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	20.31	20.53	20.27	21.50
5	QPSK	1	12	20.28	20.39	20.34	21.50
5	QPSK	1	24	20.26	20.36	20.30	21.50
5	QPSK	12	0	20.26	20.45	20.26	21.50
5	QPSK	12	7	20.23	20.32	20.18	21.50
5	QPSK	12	13	20.35	20.32	20.26	21.50
5	QPSK	25	0	20.37	20.23	20.17	21.50
5	16QAM	1	0	20.12	20.42	20.12	21.50
5	16QAM	1	12	20.31	20.39	20.12	21.50
5	16QAM	1	24	20.15	20.27	20.31	21.50
5	16QAM	12	0	19.93	19.97	19.74	21.00
5	16QAM	12	7	19.80	19.97	19.90	21.00
5	16QAM	12	13	19.66	19.97	19.86	21.00
5	16QAM	25	0	19.80	19.97	19.79	21.00
5	64QAM	1	0	19.74	20.07	19.72	21.00
5	64QAM	1	12	19.69	20.15	19.82	21.00
5	64QAM	1	24	19.87	19.99	19.90	21.00
5	64QAM	12	0	18.76	19.00	18.74	20.00
5	64QAM	12	7	18.89	18.91	18.68	20.00
5	64QAM	12	13	19.01	19.04	18.80	20.00
5	64QAM	25	0	18.72	18.93	18.62	20.00
5	256QAM	1	0	16.90	16.93	16.81	18.00
5	256QAM	1	12	16.86	16.93	16.83	18.00
5	256QAM	1	24	16.87	17.07	16.77	18.00
5	256QAM	12	0	16.74	17.03	16.71	18.00
5	256QAM	12	7	16.78	17.00	16.77	18.00
5	256QAM	12	13	16.85	17.08	16.90	18.00
5	256QAM	25	0	16.84	17.05	16.74	18.00
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	20.40	20.53	20.35	21.50
3	QPSK	1	8	20.30	20.33	20.37	21.50
3	QPSK	1	14	20.29	20.33	20.25	21.50
3	QPSK	8	0	20.29	20.44	20.26	21.50
3	QPSK	8	4	20.14	20.33	20.23	21.50
3	QPSK	8	7	20.35	20.42	20.34	21.50
3	QPSK	15	0	20.29	20.28	20.14	21.50
3	16QAM	1	0	20.17	20.29	20.16	21.50
3	16QAM	1	8	20.42	20.32	20.10	21.50
3	16QAM	1	14	20.13	20.34	20.36	21.50
3	16QAM	8	0	19.98	19.93	19.68	21.00
3	16QAM	8	4	19.83	19.86	19.79	21.00
3	16QAM	8	7	19.67	20.00	19.90	21.00
3	16QAM	15	0	19.76	20.05	19.85	21.00
3	64QAM	1	0	19.73	20.03	19.66	21.00
3	64QAM	1	8	19.70	20.04	19.81	21.00
3	64QAM	1	14	19.77	20.04	19.96	21.00
3	64QAM	8	0	18.72	19.00	18.78	20.00
3	64QAM	8	4	18.92	18.91	18.79	20.00
3	64QAM	8	7	19.00	18.97	18.79	20.00
3	64QAM	15	0	18.78	18.95	18.65	20.00
3	256QAM	1	0	16.85	17.00	16.80	18.00
3	256QAM	1	8	16.90	16.93	16.86	18.00
3	256QAM	1	14	16.92	17.06	16.73	18.00
3	256QAM	8	0	16.74	17.00	16.70	18.00
3	256QAM	8	4	16.76	16.96	16.73	18.00
3	256QAM	8	7	16.80	17.05	16.85	18.00

3	256QAM	15	0	16.83	17.07	16.82	18.00
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	20.29	20.47	20.24	21.50
1.4	QPSK	1	3	20.29	20.40	20.28	21.50
1.4	QPSK	1	5	20.20	20.29	20.31	21.50
1.4	QPSK	3	0	20.29	20.47	20.33	21.50
1.4	QPSK	3	1	20.17	20.43	20.25	21.50
1.4	QPSK	3	3	20.34	20.35	20.29	21.50
1.4	QPSK	6	0	20.26	20.28	20.16	21.50
1.4	16QAM	1	0	20.14	20.42	20.09	21.50
1.4	16QAM	1	3	20.39	20.38	20.18	21.50
1.4	16QAM	1	5	20.16	20.27	20.26	21.50
1.4	16QAM	3	0	20.40	20.53	20.20	21.50
1.4	16QAM	3	1	20.23	20.35	20.42	21.50
1.4	16QAM	3	3	20.21	20.41	20.44	21.50
1.4	16QAM	6	0	19.82	20.03	19.90	21.00
1.4	64QAM	1	0	19.74	19.98	19.69	21.00
1.4	64QAM	1	3	19.74	20.02	19.76	21.00
1.4	64QAM	1	5	19.82	19.96	19.91	21.00
1.4	64QAM	3	0	19.77	20.10	19.84	21.00
1.4	64QAM	3	1	20.01	19.88	19.77	21.00
1.4	64QAM	3	3	20.01	19.96	19.77	21.00
1.4	64QAM	6	0	18.74	18.96	18.72	20.00
1.4	256QAM	1	0	16.83	17.00	16.82	18.00
1.4	256QAM	1	3	16.91	17.00	16.77	18.00
1.4	256QAM	1	5	16.83	16.97	16.83	18.00
1.4	256QAM	3	0	16.77	17.06	16.73	18.00
1.4	256QAM	3	1	16.72	16.97	16.70	18.00
1.4	256QAM	3	3	16.83	16.98	16.92	18.00
1.4	256QAM	6	0	16.83	17.06	16.81	18.00

【LTE Band 2_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				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	17.44	17.48	17.36	18.30
20	QPSK	1	49	17.12	17.41	17.25	18.30
20	QPSK	1	99	17.21	17.46	17.18	18.30
20	QPSK	50	0	17.39	17.46	17.40	18.30
20	QPSK	50	24	17.23	17.45	17.23	18.30
20	QPSK	50	50	17.25	17.44	17.32	18.30
20	QPSK	100	0	17.17	17.30	17.31	18.30
20	16QAM	1	0	17.08	17.42	17.21	18.30
20	16QAM	1	49	17.21	17.30	17.24	18.30
20	16QAM	1	99	17.11	17.49	17.29	18.30
20	16QAM	50	0	17.15	17.45	17.30	18.30
20	16QAM	50	24	17.12	17.40	17.25	18.30
20	16QAM	50	50	17.24	17.42	17.24	18.30
20	16QAM	100	0	17.23	17.50	17.22	18.30
20	64QAM	1	0	17.21	17.38	17.30	18.30
20	64QAM	1	49	17.16	17.37	17.31	18.30
20	64QAM	1	99	17.10	17.40	17.33	18.30
20	64QAM	50	0	17.16	17.34	17.16	18.30
20	64QAM	50	24	17.14	17.31	17.14	18.30
20	64QAM	50	50	17.30	17.32	17.35	18.30
20	64QAM	100	0	17.18	17.28	17.25	18.30
20	256QAM	1	0	16.56	16.97	16.70	18.00
20	256QAM	1	49	16.74	16.86	16.79	18.00
20	256QAM	1	99	16.72	17.07	16.76	18.00
20	256QAM	50	0	16.73	16.74	16.81	18.00
20	256QAM	50	24	16.73	16.98	16.79	18.00
20	256QAM	50	50	16.70	16.76	16.75	18.00
20	256QAM	100	0	16.66	17.05	16.76	18.00
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	17.41	17.36	17.31	18.30
15	QPSK	1	37	17.09	17.37	17.24	18.30
15	QPSK	1	74	17.13	17.36	17.14	18.30
15	QPSK	36	0	17.38	17.43	17.34	18.30
15	QPSK	36	20	17.21	17.42	17.15	18.30

15	QPSK	36	39	17.14	17.42	17.22	18.30
15	QPSK	75	0	17.08	17.26	17.23	18.30
15	16QAM	1	0	16.93	17.36	17.12	18.30
15	16QAM	1	37	17.14	17.17	17.18	18.30
15	16QAM	1	74	17.09	17.45	17.15	18.30
15	16QAM	36	0	17.07	17.34	17.17	18.30
15	16QAM	36	20	17.08	17.29	17.11	18.30
15	16QAM	36	39	17.10	17.38	17.13	18.30
15	16QAM	75	0	17.14	17.36	17.16	18.30
15	64QAM	1	0	17.18	17.24	17.18	18.30
15	64QAM	1	37	17.03	17.32	17.19	18.30
15	64QAM	1	74	16.98	17.31	17.21	18.30
15	64QAM	36	0	17.14	17.30	17.08	18.30
15	64QAM	36	20	17.11	17.20	17.11	18.30
15	64QAM	36	39	17.28	17.25	17.30	18.30
15	64QAM	75	0	17.13	17.24	17.23	18.30
15	256QAM	1	0	16.54	16.89	16.58	18.00
15	256QAM	1	37	16.69	16.72	16.70	18.00
15	256QAM	1	74	16.68	16.96	16.71	18.00
15	256QAM	36	0	16.61	16.61	16.72	18.00
15	256QAM	36	20	16.58	16.85	16.67	18.00
15	256QAM	36	39	16.60	16.73	16.66	18.00
15	256QAM	75	0	16.59	16.93	16.67	18.00
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	17.36	17.44	17.33	18.30
10	QPSK	1	25	17.03	17.30	17.20	18.30
10	QPSK	1	49	17.14	17.44	17.06	18.30
10	QPSK	25	0	17.26	17.33	17.36	18.30
10	QPSK	25	12	17.12	17.33	17.18	18.30
10	QPSK	25	25	17.24	17.33	17.22	18.30
10	QPSK	50	0	17.11	17.21	17.30	18.30
10	16QAM	1	0	16.95	17.35	17.16	18.30
10	16QAM	1	25	17.15	17.15	17.20	18.30
10	16QAM	1	49	16.96	17.43	17.18	18.30
10	16QAM	25	0	17.01	17.38	17.24	18.30
10	16QAM	25	12	17.06	17.31	17.16	18.30
10	16QAM	25	25	17.16	17.35	17.19	18.30
10	16QAM	50	0	17.12	17.43	17.20	18.30
10	64QAM	1	0	17.18	17.24	17.25	18.30
10	64QAM	1	25	17.07	17.27	17.23	18.30
10	64QAM	1	49	16.99	17.33	17.29	18.30
10	64QAM	25	0	17.06	17.22	17.08	18.30
10	64QAM	25	12	17.10	17.30	17.03	18.30
10	64QAM	25	25	17.24	17.25	17.32	18.30
10	64QAM	50	0	17.05	17.21	17.13	18.30
10	256QAM	1	0	16.52	16.89	16.67	18.00
10	256QAM	1	25	16.61	16.82	16.77	18.00
10	256QAM	1	49	16.64	17.05	16.65	18.00
10	256QAM	25	0	16.60	16.67	16.73	18.00
10	256QAM	25	12	16.62	16.93	16.76	18.00
10	256QAM	25	25	16.64	16.73	16.61	18.00
10	256QAM	50	0	16.62	16.93	16.68	18.00
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	17.38	17.37	17.34	18.30
5	QPSK	1	12	17.10	17.39	17.23	18.30
5	QPSK	1	24	17.08	17.43	17.11	18.30
5	QPSK	12	0	17.34	17.34	17.33	18.30
5	QPSK	12	7	17.13	17.37	17.20	18.30
5	QPSK	12	13	17.17	17.34	17.24	18.30
5	QPSK	25	0	17.09	17.19	17.20	18.30
5	16QAM	1	0	17.04	17.36	17.14	18.30
5	16QAM	1	12	17.06	17.27	17.09	18.30
5	16QAM	1	24	16.97	17.42	17.19	18.30
5	16QAM	12	0	17.04	17.37	17.25	18.30
5	16QAM	12	7	17.01	17.26	17.21	18.30
5	16QAM	12	13	17.16	17.41	17.10	18.30
5	16QAM	25	0	17.16	17.44	17.11	18.30
5	64QAM	1	0	17.06	17.25	17.29	18.30
5	64QAM	1	12	17.14	17.27	17.21	18.30
5	64QAM	1	24	16.97	17.34	17.20	18.30
5	64QAM	12	0	17.14	17.20	17.13	18.30
5	64QAM	12	7	17.10	17.26	17.09	18.30
5	64QAM	12	13	17.24	17.26	17.23	18.30
5	64QAM	25	0	17.15	17.20	17.17	18.30
5	256QAM	1	0	16.43	16.89	16.63	18.00
5	256QAM	1	12	16.63	16.85	16.69	18.00

5	256QAM	1	24	16.57	16.96	16.61	18.00
5	256QAM	12	0	16.60	16.68	16.74	18.00
5	256QAM	12	7	16.59	16.92	16.70	18.00
5	256QAM	12	13	16.57	16.73	16.72	18.00
5	256QAM	25	0	16.63	17.01	16.65	18.00
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	17.38	17.45	17.21	18.30
3	QPSK	1	8	16.98	17.30	17.23	18.30
3	QPSK	1	14	17.20	17.44	17.11	18.30
3	QPSK	8	0	17.26	17.43	17.36	18.30
3	QPSK	8	4	17.22	17.38	17.09	18.30
3	QPSK	8	7	17.16	17.35	17.29	18.30
3	QPSK	15	0	17.10	17.18	17.25	18.30
3	16QAM	1	0	17.03	17.39	17.09	18.30
3	16QAM	1	8	17.09	17.16	17.11	18.30
3	16QAM	1	14	17.08	17.41	17.20	18.30
3	16QAM	8	0	17.02	17.37	17.26	18.30
3	16QAM	8	4	16.98	17.38	17.13	18.30
3	16QAM	8	7	17.10	17.28	17.10	18.30
3	16QAM	15	0	17.20	17.38	17.11	18.30
3	64QAM	1	0	17.12	17.27	17.29	18.30
3	64QAM	1	8	17.01	17.27	17.27	18.30
3	64QAM	1	14	17.09	17.29	17.32	18.30
3	64QAM	8	0	17.01	17.26	17.15	18.30
3	64QAM	8	4	17.06	17.25	17.06	18.30
3	64QAM	8	7	17.24	17.30	17.24	18.30
3	64QAM	15	0	17.06	17.22	17.18	18.30
3	256QAM	1	0	16.52	16.85	16.58	18.00
3	256QAM	1	8	16.64	16.77	16.65	18.00
3	256QAM	1	14	16.67	16.99	16.61	18.00
3	256QAM	8	0	16.64	16.69	16.72	18.00
3	256QAM	8	4	16.59	16.86	16.73	18.00
3	256QAM	8	7	16.66	16.73	16.61	18.00
3	256QAM	15	0	16.63	16.98	16.67	18.00
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	17.36	17.45	17.28	18.30
1.4	QPSK	1	3	17.03	17.30	17.20	18.30
1.4	QPSK	1	5	17.10	17.35	17.07	18.30
1.4	QPSK	3	0	17.32	17.38	17.29	18.30
1.4	QPSK	3	1	17.15	17.40	17.20	18.30
1.4	QPSK	3	3	17.22	17.33	17.26	18.30
1.4	QPSK	6	0	17.06	17.26	17.22	18.30
1.4	16QAM	1	0	16.95	17.31	17.17	18.30
1.4	16QAM	1	3	17.06	17.24	17.10	18.30
1.4	16QAM	1	5	17.10	17.35	17.18	18.30
1.4	16QAM	3	0	17.06	17.36	17.27	18.30
1.4	16QAM	3	1	17.04	17.34	17.13	18.30
1.4	16QAM	3	3	17.10	17.39	17.18	18.30
1.4	16QAM	6	0	17.16	17.45	17.14	18.30
1.4	64QAM	1	0	17.07	17.30	17.22	18.30
1.4	64QAM	1	3	17.04	17.30	17.19	18.30
1.4	64QAM	1	5	17.02	17.35	17.27	18.30
1.4	64QAM	3	0	17.12	17.30	17.06	18.30
1.4	64QAM	3	1	17.01	17.17	17.02	18.30
1.4	64QAM	3	3	17.17	17.25	17.20	18.30
1.4	64QAM	6	0	17.17	17.22	17.11	18.30
1.4	256QAM	1	0	16.49	16.92	16.58	18.00
1.4	256QAM	1	3	16.61	16.72	16.78	18.00
1.4	256QAM	1	5	16.70	17.02	16.67	18.00
1.4	256QAM	3	0	16.67	16.67	16.71	18.00
1.4	256QAM	3	1	16.63	16.93	16.72	18.00
1.4	256QAM	3	3	16.65	16.67	16.65	18.00
1.4	256QAM	6	0	16.64	17.03	16.72	18.00

【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	22.64	22.71	22.56	24.00
20	QPSK	1	49	22.55	22.70	22.43	24.00
20	QPSK	1	99	22.42	22.58	22.41	24.00
20	QPSK	50	0	21.57	21.72	21.50	23.00
20	QPSK	50	24	21.48	21.68	21.41	23.00
20	QPSK	50	50	21.55	21.71	21.43	23.00
20	QPSK	100	0	21.49	21.69	21.50	23.00
20	16QAM	1	0	21.81	21.93	21.68	23.00
20	16QAM	1	49	21.70	21.82	21.57	23.00
20	16QAM	1	99	21.76	21.94	21.65	23.00
20	16QAM	50	0	20.53	20.71	20.49	22.00
20	16QAM	50	24	20.52	20.67	20.43	22.00
20	16QAM	50	50	20.60	20.71	20.49	22.00
20	16QAM	100	0	20.64	20.72	20.49	22.00
20	64QAM	1	0	20.49	20.57	20.39	22.00
20	64QAM	1	49	20.69	20.82	20.61	22.00
20	64QAM	1	99	20.60	20.72	20.52	22.00
20	64QAM	50	0	19.49	19.63	19.46	21.00
20	64QAM	50	24	19.56	19.70	19.53	21.00
20	64QAM	50	50	19.54	19.71	19.52	21.00
20	64QAM	100	0	19.64	19.77	19.56	21.00
20	256QAM	1	0	17.67	17.82	17.57	19.00
20	256QAM	1	49	17.74	17.83	17.57	19.00
20	256QAM	1	99	17.59	17.77	17.63	19.00
20	256QAM	50	0	17.63	17.76	17.52	19.00
20	256QAM	50	24	17.67	17.76	17.61	19.00
20	256QAM	50	50	17.65	17.76	17.56	19.00
20	256QAM	100	0	17.53	17.69	17.44	19.00
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	22.57	22.64	22.50	24.00
15	QPSK	1	37	22.49	22.70	22.32	24.00
15	QPSK	1	74	22.28	22.49	22.34	24.00
15	QPSK	36	0	21.44	21.60	21.46	23.00
15	QPSK	36	20	21.44	21.58	21.39	23.00
15	QPSK	36	39	21.51	21.57	21.31	23.00
15	QPSK	75	0	21.38	21.63	21.44	23.00
15	16QAM	1	0	21.75	21.83	21.58	23.00
15	16QAM	1	37	21.56	21.78	21.54	23.00
15	16QAM	1	74	21.63	21.83	21.63	23.00
15	16QAM	36	0	20.50	20.65	20.42	22.00
15	16QAM	36	20	20.41	20.63	20.34	22.00
15	16QAM	36	39	20.50	20.56	20.44	22.00
15	16QAM	75	0	20.52	20.66	20.42	22.00
15	64QAM	1	0	20.36	20.55	20.28	22.00
15	64QAM	1	37	20.67	20.81	20.59	22.00
15	64QAM	1	74	20.56	20.69	20.47	22.00
15	64QAM	36	0	19.47	19.53	19.33	21.00
15	64QAM	36	20	19.54	19.56	19.42	21.00
15	64QAM	36	39	19.43	19.65	19.37	21.00
15	64QAM	75	0	19.52	19.69	19.53	21.00
15	256QAM	1	0	17.66	17.76	17.54	19.00
15	256QAM	1	37	17.66	17.71	17.51	19.00
15	256QAM	1	74	17.46	17.71	17.51	19.00
15	256QAM	36	0	17.53	17.72	17.51	19.00
15	256QAM	36	20	17.57	17.68	17.53	19.00
15	256QAM	36	39	17.56	17.62	17.51	19.00
15	256QAM	75	0	17.51	17.56	17.31	19.00
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	22.58	22.67	22.55	24.00
10	QPSK	1	25	22.52	22.64	22.40	24.00
10	QPSK	1	49	22.35	22.48	22.36	24.00
10	QPSK	25	0	21.40	21.70	21.42	23.00
10	QPSK	25	12	21.40	21.60	21.35	23.00
10	QPSK	25	25	21.51	21.56	21.41	23.00
10	QPSK	50	0	21.43	21.62	21.39	23.00
10	16QAM	1	0	21.76	21.79	21.58	23.00
10	16QAM	1	25	21.65	21.73	21.52	23.00
10	16QAM	1	49	21.64	21.85	21.62	23.00
10	16QAM	25	0	20.41	20.65	20.45	22.00

10	16QAM	25	12	20.46	20.65	20.36	22.00
10	16QAM	25	25	20.55	20.64	20.47	22.00
10	16QAM	50	0	20.53	20.60	20.36	22.00
10	64QAM	1	0	20.46	20.54	20.25	22.00
10	64QAM	1	25	20.56	20.76	20.46	22.00
10	64QAM	1	49	20.50	20.58	20.37	22.00
10	64QAM	25	0	19.47	19.49	19.34	21.00
10	64QAM	25	12	19.50	19.63	19.50	21.00
10	64QAM	25	25	19.51	19.58	19.49	21.00
10	64QAM	50	0	19.53	19.64	19.46	21.00
10	256QAM	1	0	17.65	17.77	17.55	19.00
10	256QAM	1	25	17.65	17.80	17.47	19.00
10	256QAM	1	49	17.53	17.74	17.60	19.00
10	256QAM	25	0	17.60	17.61	17.44	19.00
10	256QAM	25	12	17.61	17.71	17.59	19.00
10	256QAM	25	25	17.62	17.73	17.43	19.00
10	256QAM	50	0	17.51	17.68	17.35	19.00
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	22.49	22.63	22.52	24.00
5	QPSK	1	12	22.51	22.68	22.28	24.00
5	QPSK	1	24	22.38	22.54	22.28	24.00
5	QPSK	12	0	21.40	21.65	21.44	23.00
5	QPSK	12	7	21.40	21.55	21.39	23.00
5	QPSK	12	13	21.47	21.66	21.35	23.00
5	QPSK	25	0	21.43	21.63	21.46	23.00
5	16QAM	1	0	21.75	21.83	21.61	23.00
5	16QAM	1	12	21.64	21.69	21.51	23.00
5	16QAM	1	24	21.70	21.84	21.58	23.00
5	16QAM	12	0	20.47	20.69	20.48	22.00
5	16QAM	12	7	20.49	20.65	20.35	22.00
5	16QAM	12	13	20.51	20.66	20.42	22.00
5	16QAM	25	0	20.53	20.60	20.42	22.00
5	64QAM	1	0	20.45	20.48	20.28	22.00
5	64QAM	1	12	20.63	20.68	20.51	22.00
5	64QAM	1	24	20.49	20.63	20.37	22.00
5	64QAM	12	0	19.34	19.50	19.42	21.00
5	64QAM	12	7	19.50	19.62	19.46	21.00
5	64QAM	12	13	19.43	19.66	19.39	21.00
5	64QAM	25	0	19.61	19.73	19.45	21.00
5	256QAM	1	0	17.55	17.75	17.46	19.00
5	256QAM	1	12	17.69	17.77	17.48	19.00
5	256QAM	1	24	17.53	17.73	17.48	19.00
5	256QAM	12	0	17.53	17.74	17.40	19.00
5	256QAM	12	7	17.64	17.69	17.58	19.00
5	256QAM	12	13	17.52	17.64	17.52	19.00
5	256QAM	25	0	17.49	17.62	17.37	19.00
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	22.57	22.66	22.55	24.00
3	QPSK	1	8	22.44	22.57	22.37	24.00
3	QPSK	1	14	22.30	22.56	22.27	24.00
3	QPSK	8	0	21.41	21.58	21.44	23.00
3	QPSK	8	4	21.41	21.62	21.39	23.00
3	QPSK	8	7	21.47	21.68	21.32	23.00
3	QPSK	15	0	21.41	21.58	21.40	23.00
3	16QAM	1	0	21.73	21.80	21.59	23.00
3	16QAM	1	8	21.62	21.70	21.45	23.00
3	16QAM	1	14	21.73	21.93	21.55	23.00
3	16QAM	8	0	20.50	20.62	20.42	22.00
3	16QAM	8	4	20.47	20.64	20.36	22.00
3	16QAM	8	7	20.47	20.60	20.42	22.00
3	16QAM	15	0	20.58	20.68	20.47	22.00
3	64QAM	1	0	20.44	20.47	20.32	22.00
3	64QAM	1	8	20.58	20.76	20.56	22.00
3	64QAM	1	14	20.54	20.60	20.46	22.00
3	64QAM	8	0	19.38	19.54	19.41	21.00
3	64QAM	8	4	19.49	19.65	19.47	21.00
3	64QAM	8	7	19.40	19.66	19.43	21.00
3	64QAM	15	0	19.49	19.72	19.50	21.00
3	256QAM	1	0	17.59	17.80	17.46	19.00
3	256QAM	1	8	17.71	17.70	17.52	19.00
3	256QAM	1	14	17.55	17.62	17.54	19.00
3	256QAM	8	0	17.57	17.63	17.43	19.00
3	256QAM	8	4	17.63	17.62	17.58	19.00
3	256QAM	8	7	17.51	17.65	17.53	19.00
3	256QAM	15	0	17.45	17.60	17.31	19.00
Channel				18607	18900	19193	Tune-up limit

Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	22.54	22.67	22.52	24.00
1.4	QPSK	1	3	22.54	22.64	22.29	24.00
1.4	QPSK	1	5	22.38	22.51	22.37	24.00
1.4	QPSK	3	0	22.42	22.71	22.42	24.00
1.4	QPSK	3	1	22.41	22.53	22.30	24.00
1.4	QPSK	3	3	22.51	22.68	22.31	24.00
1.4	QPSK	6	0	21.39	21.64	21.46	23.00
1.4	16QAM	1	0	21.74	21.89	21.61	23.00
1.4	16QAM	1	3	21.62	21.70	21.53	23.00
1.4	16QAM	1	5	21.74	21.87	21.56	23.00
1.4	16QAM	3	0	21.45	21.66	21.40	23.00
1.4	16QAM	3	1	21.50	21.58	21.40	23.00
1.4	16QAM	3	3	21.52	21.62	21.45	23.00
1.4	16QAM	6	0	20.55	20.58	20.47	22.00
1.4	64QAM	1	0	20.45	20.54	20.33	22.00
1.4	64QAM	1	3	20.64	20.69	20.49	22.00
1.4	64QAM	1	5	20.45	20.69	20.45	22.00
1.4	64QAM	3	0	20.36	20.59	20.31	22.00
1.4	64QAM	3	1	20.51	20.64	20.48	22.00
1.4	64QAM	3	3	20.44	20.70	20.48	22.00
1.4	64QAM	6	0	19.61	19.63	19.51	21.00
1.4	256QAM	1	0	17.54	17.68	17.50	19.00
1.4	256QAM	1	3	17.61	17.74	17.50	19.00
1.4	256QAM	1	5	17.56	17.70	17.48	19.00
1.4	256QAM	3	0	17.55	17.68	17.46	19.00
1.4	256QAM	3	1	17.56	17.73	17.51	19.00
1.4	256QAM	3	3	17.59	17.65	17.49	19.00
1.4	256QAM	6	0	17.47	17.64	17.32	19.00

【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	16.94	16.95	16.87	17.60
20	QPSK	1	49	16.85	16.89	16.79	17.60
20	QPSK	1	99	16.75	16.75	16.73	17.60
20	QPSK	50	0	16.89	16.91	16.84	17.60
20	QPSK	50	24	16.78	16.78	16.80	17.60
20	QPSK	50	50	16.73	16.87	16.77	17.60
20	QPSK	100	0	16.77	16.82	16.83	17.60
20	16QAM	1	0	16.95	16.89	16.85	17.60
20	16QAM	1	49	16.88	16.93	16.67	17.60
20	16QAM	1	99	16.79	16.81	16.73	17.60
20	16QAM	50	0	16.83	16.82	16.69	17.60
20	16QAM	50	24	16.90	16.75	16.71	17.60
20	16QAM	50	50	16.82	16.82	16.81	17.60
20	16QAM	100	0	16.77	16.75	16.69	17.60
20	64QAM	1	0	16.83	16.93	16.72	17.60
20	64QAM	1	49	16.85	16.86	16.83	17.60
20	64QAM	1	99	16.87	16.85	16.88	17.60
20	64QAM	50	0	16.77	16.78	16.87	17.60
20	64QAM	50	24	16.91	16.95	16.79	17.60
20	64QAM	50	50	16.76	16.74	16.83	17.60
20	64QAM	100	0	16.86	16.97	16.83	17.60
20	256QAM	1	0	16.92	16.79	16.72	17.60
20	256QAM	1	49	16.81	16.78	16.84	17.60
20	256QAM	1	99	16.78	16.91	16.75	17.60
20	256QAM	50	0	16.93	16.74	16.79	17.60
20	256QAM	50	24	16.96	16.75	16.75	17.60
20	256QAM	50	50	16.81	16.80	16.80	17.60
20	256QAM	100	0	16.86	16.85	16.83	17.60
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	16.81	16.81	16.76	17.60
15	QPSK	1	37	16.83	16.81	16.67	17.60
15	QPSK	1	74	16.66	16.66	16.60	17.60
15	QPSK	36	0	16.79	16.77	16.80	17.60
15	QPSK	36	20	16.71	16.63	16.68	17.60
15	QPSK	36	39	16.68	16.79	16.74	17.60
15	QPSK	75	0	16.63	16.80	16.82	17.60

15	16QAM	1	0	16.81	16.77	16.83	17.60
15	16QAM	1	37	16.83	16.80	16.59	17.60
15	16QAM	1	74	16.66	16.69	16.63	17.60
15	16QAM	36	0	16.73	16.76	16.55	17.60
15	16QAM	36	20	16.81	16.73	16.62	17.60
15	16QAM	36	39	16.69	16.75	16.70	17.60
15	16QAM	75	0	16.66	16.69	16.59	17.60
15	64QAM	1	0	16.81	16.79	16.60	17.60
15	64QAM	1	37	16.77	16.79	16.70	17.60
15	64QAM	1	74	16.72	16.79	16.76	17.60
15	64QAM	36	0	16.73	16.77	16.78	17.60
15	64QAM	36	20	16.88	16.80	16.65	17.60
15	64QAM	36	39	16.64	16.62	16.76	17.60
15	64QAM	75	0	16.83	16.82	16.81	17.60
15	256QAM	1	0	16.90	16.73	16.69	17.60
15	256QAM	1	37	16.77	16.71	16.74	17.60
15	256QAM	1	74	16.76	16.87	16.71	17.60
15	256QAM	36	0	16.82	16.73	16.68	17.60
15	256QAM	36	20	16.88	16.69	16.64	17.60
15	256QAM	36	39	16.73	16.74	16.76	17.60
15	256QAM	75	0	16.77	16.81	16.69	17.60
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	16.91	16.83	16.78	17.60
10	QPSK	1	25	16.81	16.87	16.73	17.60
10	QPSK	1	49	16.68	16.72	16.58	17.60
10	QPSK	25	0	16.75	16.82	16.69	17.60
10	QPSK	25	12	16.75	16.66	16.70	17.60
10	QPSK	25	25	16.59	16.77	16.64	17.60
10	QPSK	50	0	16.73	16.79	16.76	17.60
10	16QAM	1	0	16.94	16.86	16.74	17.60
10	16QAM	1	25	16.77	16.80	16.59	17.60
10	16QAM	1	49	16.73	16.75	16.60	17.60
10	16QAM	25	0	16.77	16.78	16.60	17.60
10	16QAM	25	12	16.78	16.68	16.65	17.60
10	16QAM	25	25	16.77	16.69	16.74	17.60
10	16QAM	50	0	16.74	16.66	16.60	17.60
10	64QAM	1	0	16.69	16.79	16.66	17.60
10	64QAM	1	25	16.84	16.75	16.79	17.60
10	64QAM	1	49	16.85	16.76	16.75	17.60
10	64QAM	25	0	16.64	16.67	16.73	17.60
10	64QAM	25	12	16.89	16.89	16.72	17.60
10	64QAM	25	25	16.69	16.63	16.72	17.60
10	64QAM	50	0	16.73	16.95	16.81	17.60
10	256QAM	1	0	16.79	16.67	16.57	17.60
10	256QAM	1	25	16.80	16.67	16.71	17.60
10	256QAM	1	49	16.69	16.76	16.67	17.60
10	256QAM	25	0	16.89	16.69	16.70	17.60
10	256QAM	25	12	16.95	16.70	16.70	17.60
10	256QAM	25	25	16.72	16.69	16.72	17.60
10	256QAM	50	0	16.83	16.80	16.77	17.60
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	16.88	16.86	16.85	17.60
5	QPSK	1	12	16.74	16.86	16.78	17.60
5	QPSK	1	24	16.73	16.70	16.67	17.60
5	QPSK	12	0	16.77	16.88	16.70	17.60
5	QPSK	12	7	16.69	16.74	16.69	17.60
5	QPSK	12	13	16.68	16.74	16.70	17.60
5	QPSK	25	0	16.68	16.70	16.78	17.60
5	16QAM	1	0	16.82	16.81	16.84	17.60
5	16QAM	1	12	16.77	16.91	16.60	17.60
5	16QAM	1	24	16.69	16.66	16.60	17.60
5	16QAM	12	0	16.76	16.74	16.54	17.60
5	16QAM	12	7	16.78	16.61	16.65	17.60
5	16QAM	12	13	16.80	16.74	16.76	17.60
5	16QAM	25	0	16.71	16.61	16.65	17.60
5	64QAM	1	0	16.76	16.88	16.60	17.60
5	64QAM	1	12	16.77	16.71	16.70	17.60
5	64QAM	1	24	16.83	16.75	16.85	17.60
5	64QAM	12	0	16.73	16.69	16.76	17.60
5	64QAM	12	7	16.89	16.86	16.75	17.60
5	64QAM	12	13	16.65	16.63	16.76	17.60
5	64QAM	25	0	16.79	16.86	16.72	17.60
5	256QAM	1	0	16.90	16.74	16.64	17.60
5	256QAM	1	12	16.72	16.75	16.70	17.60
5	256QAM	1	24	16.72	16.85	16.63	17.60
5	256QAM	12	0	16.79	16.67	16.73	17.60

5	256QAM	12	7	16.82	16.64	16.69	17.60
5	256QAM	12	13	16.67	16.74	16.66	17.60
5	256QAM	25	0	16.81	16.78	16.75	17.60
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	16.84	16.83	16.85	17.60
3	QPSK	1	8	16.75	16.78	16.67	17.60
3	QPSK	1	14	16.72	16.73	16.62	17.60
3	QPSK	8	0	16.82	16.81	16.76	17.60
3	QPSK	8	4	16.70	16.64	16.69	17.60
3	QPSK	8	7	16.63	16.75	16.64	17.60
3	QPSK	15	0	16.69	16.79	16.69	17.60
3	16QAM	1	0	16.85	16.76	16.82	17.60
3	16QAM	1	8	16.86	16.90	16.58	17.60
3	16QAM	1	14	16.78	16.73	16.60	17.60
3	16QAM	8	0	16.73	16.77	16.55	17.60
3	16QAM	8	4	16.85	16.60	16.68	17.60
3	16QAM	8	7	16.74	16.78	16.66	17.60
3	16QAM	15	0	16.75	16.69	16.62	17.60
3	64QAM	1	0	16.78	16.84	16.66	17.60
3	64QAM	1	8	16.72	16.72	16.70	17.60
3	64QAM	1	14	16.82	16.80	16.83	17.60
3	64QAM	8	0	16.68	16.71	16.72	17.60
3	64QAM	8	4	16.88	16.93	16.68	17.60
3	64QAM	8	7	16.68	16.66	16.79	17.60
3	64QAM	15	0	16.84	16.88	16.71	17.60
3	256QAM	1	0	16.89	16.69	16.66	17.60
3	256QAM	1	8	16.66	16.71	16.81	17.60
3	256QAM	1	14	16.66	16.82	16.67	17.60
3	256QAM	8	0	16.91	16.72	16.67	17.60
3	256QAM	8	4	16.88	16.73	16.69	17.60
3	256QAM	8	7	16.77	16.74	16.68	17.60
3	256QAM	15	0	16.80	16.78	16.80	17.60
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	16.85	16.90	16.76	17.60
1.4	QPSK	1	3	16.79	16.82	16.76	17.60
1.4	QPSK	1	5	16.62	16.72	16.67	17.60
1.4	QPSK	3	0	16.75	16.77	16.82	17.60
1.4	QPSK	3	1	16.67	16.69	16.66	17.60
1.4	QPSK	3	3	16.59	16.73	16.64	17.60
1.4	QPSK	6	0	16.71	16.70	16.69	17.60
1.4	16QAM	1	0	16.86	16.88	16.82	17.60
1.4	16QAM	1	3	16.82	16.79	16.60	17.60
1.4	16QAM	1	5	16.76	16.67	16.59	17.60
1.4	16QAM	3	0	16.76	16.78	16.63	17.60
1.4	16QAM	3	1	16.77	16.72	16.67	17.60
1.4	16QAM	3	3	16.77	16.68	16.66	17.60
1.4	16QAM	6	0	16.73	16.67	16.61	17.60
1.4	64QAM	1	0	16.74	16.91	16.59	17.60
1.4	64QAM	1	3	16.74	16.73	16.76	17.60
1.4	64QAM	1	5	16.77	16.77	16.85	17.60
1.4	64QAM	3	0	16.67	16.70	16.73	17.60
1.4	64QAM	3	1	16.76	16.84	16.66	17.60
1.4	64QAM	3	3	16.74	16.70	16.76	17.60
1.4	64QAM	6	0	16.75	16.86	16.82	17.60
1.4	256QAM	1	0	16.80	16.69	16.59	17.60
1.4	256QAM	1	3	16.67	16.70	16.74	17.60
1.4	256QAM	1	5	16.69	16.77	16.60	17.60
1.4	256QAM	3	0	16.79	16.72	16.69	17.60
1.4	256QAM	3	1	16.85	16.65	16.68	17.60
1.4	256QAM	3	3	16.76	16.73	16.73	17.60
1.4	256QAM	6	0	16.72	16.73	16.81	17.60

【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	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	15.88	16.08	16.02	17.10
20	QPSK	1	49	15.67	15.89	15.81	17.10
20	QPSK	1	99	15.88	16.02	15.88	17.10
20	QPSK	50	0	15.83	16.05	16.01	17.10
20	QPSK	50	24	15.77	16.03	15.92	17.10
20	QPSK	50	50	15.67	16.01	16.03	17.10
20	QPSK	100	0	15.69	16.03	15.93	17.10
20	16QAM	1	0	15.86	15.90	16.00	17.10
20	16QAM	1	49	15.70	16.05	15.92	17.10
20	16QAM	1	99	15.69	15.95	15.92	17.10
20	16QAM	50	0	15.87	15.95	15.92	17.10
20	16QAM	50	24	15.70	16.03	15.83	17.10
20	16QAM	50	50	15.71	16.02	15.84	17.10
20	16QAM	100	0	15.74	16.00	15.93	17.10
20	64QAM	1	0	15.75	15.99	15.89	17.10
20	64QAM	1	49	15.83	15.93	15.95	17.10
20	64QAM	1	99	15.67	16.02	15.87	17.10
20	64QAM	50	0	15.87	15.97	15.85	17.10
20	64QAM	50	24	15.83	15.98	15.80	17.10
20	64QAM	50	50	15.77	16.02	15.95	17.10
20	64QAM	100	0	15.82	15.99	15.89	17.10
20	256QAM	1	0	15.79	15.87	15.86	17.10
20	256QAM	1	49	15.80	15.92	15.95	17.10
20	256QAM	1	99	15.88	15.97	16.03	17.10
20	256QAM	50	0	15.67	15.99	16.02	17.10
20	256QAM	50	24	15.72	16.03	15.83	17.10
20	256QAM	50	50	15.87	15.93	16.00	17.10
20	256QAM	100	0	15.78	15.91	15.91	17.10
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	15.78	15.98	15.95	17.10
15	QPSK	1	37	15.53	15.86	15.67	17.10
15	QPSK	1	74	15.83	15.91	15.84	17.10
15	QPSK	36	0	15.80	15.99	15.89	17.10
15	QPSK	36	20	15.71	15.88	15.78	17.10
15	QPSK	36	39	15.63	15.86	15.94	17.10
15	QPSK	75	0	15.66	15.98	15.82	17.10
15	16QAM	1	0	15.78	15.86	15.89	17.10
15	16QAM	1	37	15.66	16.02	15.87	17.10
15	16QAM	1	74	15.66	15.92	15.81	17.10
15	16QAM	36	0	15.77	15.80	15.82	17.10
15	16QAM	36	20	15.60	15.90	15.78	17.10
15	16QAM	36	39	15.65	15.96	15.73	17.10
15	16QAM	75	0	15.70	15.89	15.83	17.10
15	64QAM	1	0	15.68	15.95	15.87	17.10
15	64QAM	1	37	15.72	15.84	15.93	17.10
15	64QAM	1	74	15.53	15.96	15.80	17.10
15	64QAM	36	0	15.80	15.87	15.70	17.10
15	64QAM	36	20	15.74	15.96	15.79	17.10
15	64QAM	36	39	15.65	15.89	15.93	17.10
15	64QAM	75	0	15.79	15.88	15.86	17.10
15	256QAM	1	0	15.69	15.75	15.79	17.10
15	256QAM	1	37	15.66	15.90	15.85	17.10
15	256QAM	1	74	15.81	15.90	15.96	17.10
15	256QAM	36	0	15.63	15.91	15.99	17.10
15	256QAM	36	20	15.71	15.95	15.76	17.10
15	256QAM	36	39	15.78	15.83	15.96	17.10
15	256QAM	75	0	15.76	15.89	15.76	17.10
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	15.84	16.07	15.98	17.10
10	QPSK	1	25	15.66	15.86	15.68	17.10
10	QPSK	1	49	15.77	16.00	15.80	17.10
10	QPSK	25	0	15.69	15.96	15.89	17.10
10	QPSK	25	12	15.63	15.92	15.81	17.10
10	QPSK	25	25	15.55	15.89	15.95	17.10
10	QPSK	50	0	15.64	15.89	15.82	17.10
10	16QAM	1	0	15.76	15.76	15.98	17.10
10	16QAM	1	25	15.64	15.93	15.91	17.10
10	16QAM	1	49	15.66	15.84	15.80	17.10
10	16QAM	25	0	15.80	15.86	15.82	17.10

10	16QAM	25	12	15.60	15.97	15.68	17.10
10	16QAM	25	25	15.60	15.94	15.78	17.10
10	16QAM	50	0	15.62	15.85	15.84	17.10
10	64QAM	1	0	15.73	15.89	15.82	17.10
10	64QAM	1	25	15.74	15.90	15.89	17.10
10	64QAM	1	49	15.65	15.96	15.86	17.10
10	64QAM	25	0	15.72	15.86	15.82	17.10
10	64QAM	25	12	15.80	15.94	15.77	17.10
10	64QAM	25	25	15.73	15.89	15.83	17.10
10	64QAM	50	0	15.79	15.88	15.83	17.10
10	256QAM	1	0	15.73	15.80	15.80	17.10
10	256QAM	1	25	15.77	15.81	15.84	17.10
10	256QAM	1	49	15.77	15.86	15.94	17.10
10	256QAM	25	0	15.65	15.88	15.93	17.10
10	256QAM	25	12	15.69	15.92	15.76	17.10
10	256QAM	25	25	15.77	15.78	15.93	17.10
10	256QAM	50	0	15.67	15.88	15.79	17.10
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	15.84	15.97	15.90	17.10
5	QPSK	1	12	15.61	15.78	15.80	17.10
5	QPSK	1	24	15.86	15.88	15.78	17.10
5	QPSK	12	0	15.77	16.01	15.89	17.10
5	QPSK	12	7	15.69	15.97	15.80	17.10
5	QPSK	12	13	15.63	15.97	15.97	17.10
5	QPSK	25	0	15.58	16.00	15.80	17.10
5	16QAM	1	0	15.78	15.87	15.91	17.10
5	16QAM	1	12	15.58	15.98	15.86	17.10
5	16QAM	1	24	15.65	15.88	15.78	17.10
5	16QAM	12	0	15.79	15.87	15.82	17.10
5	16QAM	12	7	15.69	15.89	15.78	17.10
5	16QAM	12	13	15.68	15.92	15.83	17.10
5	16QAM	25	0	15.66	15.92	15.83	17.10
5	64QAM	1	0	15.65	15.89	15.82	17.10
5	64QAM	1	12	15.68	15.79	15.88	17.10
5	64QAM	1	24	15.54	15.88	15.80	17.10
5	64QAM	12	0	15.86	15.96	15.77	17.10
5	64QAM	12	7	15.78	15.85	15.75	17.10
5	64QAM	12	13	15.68	15.90	15.86	17.10
5	64QAM	25	0	15.69	15.88	15.85	17.10
5	256QAM	1	0	15.73	15.79	15.82	17.10
5	256QAM	1	12	15.71	15.79	15.80	17.10
5	256QAM	1	24	15.73	15.92	15.93	17.10
5	256QAM	12	0	15.63	15.96	15.88	17.10
5	256QAM	12	7	15.69	16.01	15.69	17.10
5	256QAM	12	13	15.78	15.81	15.95	17.10
5	256QAM	25	0	15.68	15.84	15.79	17.10
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	15.85	16.00	15.89	17.10
3	QPSK	1	8	15.66	15.74	15.76	17.10
3	QPSK	1	14	15.75	15.93	15.85	17.10
3	QPSK	8	0	15.69	15.93	15.94	17.10
3	QPSK	8	4	15.65	15.95	15.82	17.10
3	QPSK	8	7	15.56	15.97	15.96	17.10
3	QPSK	15	0	15.62	16.00	15.82	17.10
3	16QAM	1	0	15.77	15.79	15.95	17.10
3	16QAM	1	8	15.65	15.95	15.82	17.10
3	16QAM	1	14	15.67	15.88	15.88	17.10
3	16QAM	8	0	15.80	15.80	15.77	17.10
3	16QAM	8	4	15.64	15.91	15.71	17.10
3	16QAM	8	7	15.61	15.93	15.70	17.10
3	16QAM	15	0	15.60	15.97	15.89	17.10
3	64QAM	1	0	15.65	15.94	15.76	17.10
3	64QAM	1	8	15.74	15.86	15.94	17.10
3	64QAM	1	14	15.61	15.97	15.78	17.10
3	64QAM	8	0	15.75	15.83	15.73	17.10
3	64QAM	8	4	15.80	15.90	15.68	17.10
3	64QAM	8	7	15.73	15.96	15.93	17.10
3	64QAM	15	0	15.73	15.95	15.82	17.10
3	256QAM	1	0	15.77	15.75	15.75	17.10
3	256QAM	1	8	15.67	15.90	15.91	17.10
3	256QAM	1	14	15.74	15.94	15.94	17.10
3	256QAM	8	0	15.55	15.95	15.95	17.10
3	256QAM	8	4	15.59	15.91	15.73	17.10
3	256QAM	8	7	15.79	15.89	15.86	17.10
3	256QAM	15	0	15.71	15.86	15.77	17.10
Channel				18607	18900	19193	Tune-up limit

Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	15.83	16.00	15.96	17.10
1.4	QPSK	1	3	15.59	15.75	15.72	17.10
1.4	QPSK	1	5	15.75	16.00	15.78	17.10
1.4	QPSK	3	0	15.78	15.96	15.95	17.10
1.4	QPSK	3	1	15.73	15.91	15.85	17.10
1.4	QPSK	3	3	15.58	15.89	15.90	17.10
1.4	QPSK	6	0	15.60	16.00	15.86	17.10
1.4	16QAM	1	0	15.79	15.88	15.97	17.10
1.4	16QAM	1	3	15.68	15.99	15.78	17.10
1.4	16QAM	1	5	15.66	15.80	15.84	17.10
1.4	16QAM	3	0	15.84	15.88	15.79	17.10
1.4	16QAM	3	1	15.57	15.89	15.76	17.10
1.4	16QAM	3	3	15.65	15.93	15.82	17.10
1.4	16QAM	6	0	15.69	15.88	15.82	17.10
1.4	64QAM	1	0	15.62	15.90	15.83	17.10
1.4	64QAM	1	3	15.74	15.85	15.93	17.10
1.4	64QAM	1	5	15.52	15.96	15.82	17.10
1.4	64QAM	3	0	15.72	15.90	15.73	17.10
1.4	64QAM	3	1	15.72	15.84	15.68	17.10
1.4	64QAM	3	3	15.64	15.88	15.82	17.10
1.4	64QAM	6	0	15.80	15.87	15.75	17.10
1.4	256QAM	1	0	15.64	15.85	15.76	17.10
1.4	256QAM	1	3	15.70	15.82	15.94	17.10
1.4	256QAM	1	5	15.76	15.92	16.02	17.10
1.4	256QAM	3	0	15.59	15.91	15.89	17.10
1.4	256QAM	3	1	15.59	15.99	15.78	17.10
1.4	256QAM	3	3	15.78	15.87	15.93	17.10
1.4	256QAM	6	0	15.73	15.88	15.89	17.10

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	22.64	22.71	22.56	24.00
20	QPSK	1	49	22.55	22.70	22.43	24.00
20	QPSK	1	99	22.42	22.58	22.41	24.00
20	QPSK	50	0	21.57	21.72	21.50	23.00
20	QPSK	50	24	21.48	21.68	21.41	23.00
20	QPSK	50	50	21.55	21.71	21.43	23.00
20	QPSK	100	0	21.49	21.69	21.50	23.00
20	16QAM	1	0	21.81	21.93	21.68	23.00
20	16QAM	1	49	21.70	21.82	21.57	23.00
20	16QAM	1	99	21.76	21.94	21.65	23.00
20	16QAM	50	0	20.53	20.71	20.49	22.00
20	16QAM	50	24	20.52	20.67	20.43	22.00
20	16QAM	50	50	20.60	20.71	20.49	22.00
20	16QAM	100	0	20.64	20.72	20.49	22.00
20	64QAM	1	0	20.49	20.57	20.39	22.00
20	64QAM	1	49	20.69	20.82	20.61	22.00
20	64QAM	1	99	20.60	20.72	20.52	22.00
20	64QAM	50	0	19.49	19.63	19.46	21.00
20	64QAM	50	24	19.56	19.70	19.53	21.00
20	64QAM	50	50	19.54	19.71	19.52	21.00
20	64QAM	100	0	19.64	19.77	19.56	21.00
20	256QAM	1	0	17.67	17.82	17.57	19.00
20	256QAM	1	49	17.74	17.83	17.57	19.00
20	256QAM	1	99	17.59	17.77	17.63	19.00
20	256QAM	50	0	17.63	17.76	17.52	19.00
20	256QAM	50	24	17.67	17.76	17.61	19.00
20	256QAM	50	50	17.65	17.76	17.56	19.00
20	256QAM	100	0	17.53	17.69	17.44	19.00
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	22.57	22.64	22.50	24.00
15	QPSK	1	37	22.49	22.70	22.32	24.00
15	QPSK	1	74	22.28	22.49	22.34	24.00
15	QPSK	36	0	21.44	21.60	21.46	23.00
15	QPSK	36	20	21.44	21.58	21.39	23.00
15	QPSK	36	39	21.51	21.57	21.31	23.00
15	QPSK	75	0	21.38	21.63	21.44	23.00

15	16QAM	1	0	21.75	21.83	21.58	23.00
15	16QAM	1	37	21.56	21.78	21.54	23.00
15	16QAM	1	74	21.63	21.83	21.63	23.00
15	16QAM	36	0	20.50	20.65	20.42	22.00
15	16QAM	36	20	20.41	20.63	20.34	22.00
15	16QAM	36	39	20.50	20.56	20.44	22.00
15	16QAM	75	0	20.52	20.66	20.42	22.00
15	64QAM	1	0	20.36	20.55	20.28	22.00
15	64QAM	1	37	20.67	20.81	20.59	22.00
15	64QAM	1	74	20.56	20.69	20.47	22.00
15	64QAM	36	0	19.47	19.53	19.33	21.00
15	64QAM	36	20	19.54	19.56	19.42	21.00
15	64QAM	36	39	19.43	19.65	19.37	21.00
15	64QAM	75	0	19.52	19.69	19.53	21.00
15	256QAM	1	0	17.66	17.76	17.54	19.00
15	256QAM	1	37	17.66	17.71	17.51	19.00
15	256QAM	1	74	17.46	17.71	17.51	19.00
15	256QAM	36	0	17.53	17.72	17.51	19.00
15	256QAM	36	20	17.57	17.68	17.53	19.00
15	256QAM	36	39	17.56	17.62	17.51	19.00
15	256QAM	75	0	17.51	17.56	17.31	19.00
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	22.58	22.67	22.55	24.00
10	QPSK	1	25	22.52	22.64	22.40	24.00
10	QPSK	1	49	22.35	22.48	22.36	24.00
10	QPSK	25	0	21.40	21.70	21.42	23.00
10	QPSK	25	12	21.40	21.60	21.35	23.00
10	QPSK	25	25	21.51	21.56	21.41	23.00
10	QPSK	50	0	21.43	21.62	21.39	23.00
10	16QAM	1	0	21.76	21.79	21.58	23.00
10	16QAM	1	25	21.65	21.73	21.52	23.00
10	16QAM	1	49	21.64	21.85	21.62	23.00
10	16QAM	25	0	20.41	20.65	20.45	22.00
10	16QAM	25	12	20.46	20.65	20.36	22.00
10	16QAM	25	25	20.55	20.64	20.47	22.00
10	16QAM	50	0	20.53	20.60	20.36	22.00
10	64QAM	1	0	20.46	20.54	20.25	22.00
10	64QAM	1	25	20.56	20.76	20.46	22.00
10	64QAM	1	49	20.50	20.58	20.37	22.00
10	64QAM	25	0	19.47	19.49	19.34	21.00
10	64QAM	25	12	19.50	19.63	19.50	21.00
10	64QAM	25	25	19.51	19.58	19.49	21.00
10	64QAM	50	0	19.53	19.64	19.46	21.00
10	256QAM	1	0	17.65	17.77	17.55	19.00
10	256QAM	1	25	17.65	17.80	17.47	19.00
10	256QAM	1	49	17.53	17.74	17.60	19.00
10	256QAM	25	0	17.60	17.61	17.44	19.00
10	256QAM	25	12	17.61	17.71	17.59	19.00
10	256QAM	25	25	17.62	17.73	17.43	19.00
10	256QAM	50	0	17.51	17.68	17.35	19.00
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	22.49	22.63	22.52	24.00
5	QPSK	1	12	22.51	22.68	22.28	24.00
5	QPSK	1	24	22.38	22.54	22.28	24.00
5	QPSK	12	0	21.40	21.65	21.44	23.00
5	QPSK	12	7	21.40	21.55	21.39	23.00
5	QPSK	12	13	21.47	21.66	21.35	23.00
5	QPSK	25	0	21.43	21.63	21.46	23.00
5	16QAM	1	0	21.75	21.83	21.61	23.00
5	16QAM	1	12	21.64	21.69	21.51	23.00
5	16QAM	1	24	21.70	21.84	21.58	23.00
5	16QAM	12	0	20.47	20.69	20.48	22.00
5	16QAM	12	7	20.49	20.65	20.35	22.00
5	16QAM	12	13	20.51	20.66	20.42	22.00
5	16QAM	25	0	20.53	20.60	20.42	22.00
5	64QAM	1	0	20.45	20.48	20.28	22.00
5	64QAM	1	12	20.63	20.68	20.51	22.00
5	64QAM	1	24	20.49	20.63	20.37	22.00
5	64QAM	12	0	19.34	19.50	19.42	21.00
5	64QAM	12	7	19.50	19.62	19.46	21.00
5	64QAM	12	13	19.43	19.66	19.39	21.00
5	64QAM	25	0	19.61	19.73	19.45	21.00
5	256QAM	1	0	17.55	17.75	17.46	19.00
5	256QAM	1	12	17.69	17.77	17.48	19.00
5	256QAM	1	24	17.53	17.73	17.48	19.00
5	256QAM	12	0	17.53	17.74	17.40	19.00

5	256QAM	12	7	17.64	17.69	17.58	19.00
5	256QAM	12	13	17.52	17.64	17.52	19.00
5	256QAM	25	0	17.49	17.62	17.37	19.00
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	22.57	22.66	22.55	24.00
3	QPSK	1	8	22.44	22.57	22.37	24.00
3	QPSK	1	14	22.30	22.56	22.27	24.00
3	QPSK	8	0	21.41	21.58	21.44	23.00
3	QPSK	8	4	21.41	21.62	21.39	23.00
3	QPSK	8	7	21.47	21.68	21.32	23.00
3	QPSK	15	0	21.41	21.58	21.40	23.00
3	16QAM	1	0	21.73	21.80	21.59	23.00
3	16QAM	1	8	21.62	21.70	21.45	23.00
3	16QAM	1	14	21.73	21.93	21.55	23.00
3	16QAM	8	0	20.50	20.62	20.42	22.00
3	16QAM	8	4	20.47	20.64	20.36	22.00
3	16QAM	8	7	20.47	20.60	20.42	22.00
3	16QAM	15	0	20.58	20.68	20.47	22.00
3	64QAM	1	0	20.44	20.47	20.32	22.00
3	64QAM	1	8	20.58	20.76	20.56	22.00
3	64QAM	1	14	20.54	20.60	20.46	22.00
3	64QAM	8	0	19.38	19.54	19.41	21.00
3	64QAM	8	4	19.49	19.65	19.47	21.00
3	64QAM	8	7	19.40	19.66	19.43	21.00
3	64QAM	15	0	19.49	19.72	19.50	21.00
3	256QAM	1	0	17.59	17.80	17.46	19.00
3	256QAM	1	8	17.71	17.70	17.52	19.00
3	256QAM	1	14	17.55	17.62	17.54	19.00
3	256QAM	8	0	17.57	17.63	17.43	19.00
3	256QAM	8	4	17.63	17.62	17.58	19.00
3	256QAM	8	7	17.51	17.65	17.53	19.00
3	256QAM	15	0	17.45	17.60	17.31	19.00
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	22.54	22.67	22.52	24.00
1.4	QPSK	1	3	22.54	22.64	22.29	24.00
1.4	QPSK	1	5	22.38	22.51	22.37	24.00
1.4	QPSK	3	0	22.42	22.71	22.42	24.00
1.4	QPSK	3	1	22.41	22.53	22.30	24.00
1.4	QPSK	3	3	22.51	22.68	22.31	24.00
1.4	QPSK	6	0	21.39	21.64	21.46	23.00
1.4	16QAM	1	0	21.74	21.89	21.61	23.00
1.4	16QAM	1	3	21.62	21.70	21.53	23.00
1.4	16QAM	1	5	21.74	21.87	21.56	23.00
1.4	16QAM	3	0	21.45	21.66	21.40	23.00
1.4	16QAM	3	1	21.50	21.58	21.40	23.00
1.4	16QAM	3	3	21.52	21.62	21.45	23.00
1.4	16QAM	6	0	20.55	20.58	20.47	22.00
1.4	64QAM	1	0	20.45	20.54	20.33	22.00
1.4	64QAM	1	3	20.64	20.69	20.49	22.00
1.4	64QAM	1	5	20.45	20.69	20.45	22.00
1.4	64QAM	3	0	20.36	20.59	20.31	22.00
1.4	64QAM	3	1	20.51	20.64	20.48	22.00
1.4	64QAM	3	3	20.44	20.70	20.48	22.00
1.4	64QAM	6	0	19.61	19.63	19.51	21.00
1.4	256QAM	1	0	17.54	17.68	17.50	19.00
1.4	256QAM	1	3	17.61	17.74	17.50	19.00
1.4	256QAM	1	5	17.56	17.70	17.48	19.00
1.4	256QAM	3	0	17.55	17.68	17.46	19.00
1.4	256QAM	3	1	17.56	17.73	17.51	19.00
1.4	256QAM	3	3	17.59	17.65	17.49	19.00
1.4	256QAM	6	0	17.47	17.64	17.32	19.00

【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	20.81	20.85	20.74	22.00
20	QPSK	1	49	20.59	20.66	20.59	22.00
20	QPSK	1	99	20.73	20.72	20.73	22.00
20	QPSK	50	0	20.75	20.80	20.68	22.00
20	QPSK	50	24	20.69	20.79	20.64	22.00
20	QPSK	50	50	20.79	20.65	20.62	22.00
20	QPSK	100	0	20.74	20.79	20.68	22.00
20	16QAM	1	0	20.77	20.78	20.65	22.00
20	16QAM	1	49	20.68	20.83	20.56	22.00
20	16QAM	1	99	20.66	20.86	20.63	22.00
20	16QAM	50	0	20.59	20.65	20.51	22.00
20	16QAM	50	24	20.52	20.63	20.48	22.00
20	16QAM	50	50	20.46	20.61	20.47	22.00
20	16QAM	100	0	20.62	20.70	20.52	22.00
20	64QAM	1	0	20.47	20.57	20.32	22.00
20	64QAM	1	49	20.59	20.75	20.59	22.00
20	64QAM	1	99	20.60	20.70	20.55	22.00
20	64QAM	50	0	19.57	19.65	19.47	21.00
20	64QAM	50	24	19.52	19.61	19.37	21.00
20	64QAM	50	50	19.51	19.62	19.43	21.00
20	64QAM	100	0	19.41	19.59	19.38	21.00
20	256QAM	1	0	17.45	17.62	17.42	19.00
20	256QAM	1	49	17.50	17.61	17.45	19.00
20	256QAM	1	99	17.64	17.70	17.56	19.00
20	256QAM	50	0	17.70	17.75	17.64	19.00
20	256QAM	50	24	17.65	17.71	17.60	19.00
20	256QAM	50	50	17.60	17.68	17.56	19.00
20	256QAM	100	0	17.48	17.66	17.44	19.00
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	20.73	20.78	20.69	22.00
15	QPSK	1	37	20.49	20.52	20.55	22.00
15	QPSK	1	74	20.70	20.66	20.59	22.00
15	QPSK	36	0	20.63	20.72	20.67	22.00
15	QPSK	36	20	20.59	20.72	20.49	22.00
15	QPSK	36	39	20.73	20.52	20.57	22.00
15	QPSK	75	0	20.68	20.73	20.58	22.00
15	16QAM	1	0	20.72	20.64	20.63	22.00
15	16QAM	1	37	20.63	20.68	20.43	22.00
15	16QAM	1	74	20.63	20.79	20.52	22.00
15	16QAM	36	0	20.45	20.60	20.36	22.00
15	16QAM	36	20	20.47	20.52	20.43	22.00
15	16QAM	36	39	20.44	20.55	20.37	22.00
15	16QAM	75	0	20.50	20.67	20.45	22.00
15	64QAM	1	0	20.40	20.45	20.26	22.00
15	64QAM	1	37	20.49	20.73	20.52	22.00
15	64QAM	1	74	20.58	20.61	20.52	22.00
15	64QAM	36	0	19.54	19.64	19.33	21.00
15	64QAM	36	20	19.50	19.57	19.32	21.00
15	64QAM	36	39	19.37	19.47	19.41	21.00
15	64QAM	75	0	19.30	19.53	19.27	21.00
15	256QAM	1	0	17.43	17.61	17.30	19.00
15	256QAM	1	37	17.43	17.57	17.39	19.00
15	256QAM	1	74	17.51	17.69	17.45	19.00
15	256QAM	36	0	17.65	17.71	17.59	19.00
15	256QAM	36	20	17.57	17.59	17.48	19.00
15	256QAM	36	39	17.46	17.63	17.53	19.00
15	256QAM	75	0	17.46	17.51	17.33	19.00
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	20.76	20.79	20.63	22.00
10	QPSK	1	25	20.58	20.63	20.56	22.00
10	QPSK	1	49	20.67	20.65	20.60	22.00
10	QPSK	25	0	20.73	20.76	20.60	22.00
10	QPSK	25	12	20.60	20.78	20.50	22.00
10	QPSK	25	25	20.77	20.57	20.49	22.00
10	QPSK	50	0	20.63	20.66	20.65	22.00
10	16QAM	1	0	20.68	20.67	20.56	22.00
10	16QAM	1	25	20.62	20.81	20.49	22.00
10	16QAM	1	49	20.59	20.75	20.59	22.00
10	16QAM	25	0	20.49	20.54	20.46	22.00

10	16QAM	25	12	20.48	20.59	20.39	22.00
10	16QAM	25	25	20.44	20.50	20.36	22.00
10	16QAM	50	0	20.48	20.56	20.38	22.00
10	64QAM	1	0	20.33	20.50	20.19	22.00
10	64QAM	1	25	20.57	20.68	20.54	22.00
10	64QAM	1	49	20.50	20.59	20.51	22.00
10	64QAM	25	0	19.50	19.58	19.39	21.00
10	64QAM	25	12	19.43	19.59	19.30	21.00
10	64QAM	25	25	19.39	19.57	19.34	21.00
10	64QAM	50	0	19.39	19.52	19.26	21.00
10	256QAM	1	0	17.37	17.50	17.36	19.00
10	256QAM	1	25	17.47	17.47	17.39	19.00
10	256QAM	1	49	17.61	17.62	17.44	19.00
10	256QAM	25	0	17.59	17.64	17.53	19.00
10	256QAM	25	12	17.60	17.56	17.46	19.00
10	256QAM	25	25	17.51	17.60	17.47	19.00
10	256QAM	50	0	17.39	17.58	17.42	19.00
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	20.74	20.75	20.65	22.00
5	QPSK	1	12	20.45	20.62	20.46	22.00
5	QPSK	1	24	20.61	20.62	20.65	22.00
5	QPSK	12	0	20.71	20.77	20.67	22.00
5	QPSK	12	7	20.64	20.71	20.55	22.00
5	QPSK	12	13	20.70	20.57	20.51	22.00
5	QPSK	25	0	20.66	20.75	20.55	22.00
5	16QAM	1	0	20.72	20.76	20.59	22.00
5	16QAM	1	12	20.59	20.68	20.45	22.00
5	16QAM	1	24	20.60	20.77	20.56	22.00
5	16QAM	12	0	20.51	20.56	20.50	22.00
5	16QAM	12	7	20.48	20.55	20.42	22.00
5	16QAM	12	13	20.40	20.56	20.44	22.00
5	16QAM	25	0	20.50	20.59	20.39	22.00
5	64QAM	1	0	20.33	20.44	20.28	22.00
5	64QAM	1	12	20.50	20.71	20.46	22.00
5	64QAM	1	24	20.53	20.63	20.52	22.00
5	64QAM	12	0	19.51	19.60	19.39	21.00
5	64QAM	12	7	19.38	19.60	19.25	21.00
5	64QAM	12	13	19.49	19.50	19.30	21.00
5	64QAM	25	0	19.36	19.56	19.29	21.00
5	256QAM	1	0	17.30	17.55	17.39	19.00
5	256QAM	1	12	17.41	17.48	17.30	19.00
5	256QAM	1	24	17.53	17.64	17.54	19.00
5	256QAM	12	0	17.68	17.62	17.53	19.00
5	256QAM	12	7	17.52	17.70	17.59	19.00
5	256QAM	12	13	17.49	17.58	17.50	19.00
5	256QAM	25	0	17.38	17.55	17.30	19.00
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	20.77	20.75	20.66	22.00
3	QPSK	1	8	20.52	20.64	20.45	22.00
3	QPSK	1	14	20.58	20.66	20.69	22.00
3	QPSK	8	0	20.61	20.70	20.55	22.00
3	QPSK	8	4	20.66	20.74	20.59	22.00
3	QPSK	8	7	20.74	20.61	20.59	22.00
3	QPSK	15	0	20.68	20.75	20.61	22.00
3	16QAM	1	0	20.64	20.67	20.59	22.00
3	16QAM	1	8	20.62	20.81	20.51	22.00
3	16QAM	1	14	20.62	20.78	20.55	22.00
3	16QAM	8	0	20.45	20.58	20.46	22.00
3	16QAM	8	4	20.41	20.54	20.47	22.00
3	16QAM	8	7	20.34	20.55	20.44	22.00
3	16QAM	15	0	20.55	20.58	20.45	22.00
3	64QAM	1	0	20.45	20.42	20.28	22.00
3	64QAM	1	8	20.46	20.66	20.47	22.00
3	64QAM	1	14	20.52	20.60	20.52	22.00
3	64QAM	8	0	19.52	19.51	19.46	21.00
3	64QAM	8	4	19.43	19.52	19.29	21.00
3	64QAM	8	7	19.39	19.49	19.32	21.00
3	64QAM	15	0	19.30	19.56	19.28	21.00
3	256QAM	1	0	17.43	17.56	17.29	19.00
3	256QAM	1	8	17.48	17.51	17.39	19.00
3	256QAM	1	14	17.63	17.61	17.53	19.00
3	256QAM	8	0	17.56	17.67	17.55	19.00
3	256QAM	8	4	17.57	17.67	17.57	19.00
3	256QAM	8	7	17.54	17.54	17.50	19.00
3	256QAM	15	0	17.41	17.62	17.42	19.00
Channel				18607	18900	19193	Tune-up limit

Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	20.71	20.82	20.60	22.00
1.4	QPSK	1	3	20.55	20.60	20.56	22.00
1.4	QPSK	1	5	20.71	20.58	20.71	22.00
1.4	QPSK	3	0	20.63	20.66	20.61	22.00
1.4	QPSK	3	1	20.59	20.78	20.58	22.00
1.4	QPSK	3	3	20.75	20.60	20.57	22.00
1.4	QPSK	6	0	20.61	20.77	20.64	22.00
1.4	16QAM	1	0	20.65	20.66	20.52	22.00
1.4	16QAM	1	3	20.58	20.74	20.49	22.00
1.4	16QAM	1	5	20.60	20.84	20.54	22.00
1.4	16QAM	3	0	20.48	20.63	20.46	22.00
1.4	16QAM	3	1	20.49	20.54	20.40	22.00
1.4	16QAM	3	3	20.31	20.55	20.46	22.00
1.4	16QAM	6	0	20.55	20.56	20.41	22.00
1.4	64QAM	1	0	20.41	20.52	20.26	22.00
1.4	64QAM	1	3	20.51	20.61	20.53	22.00
1.4	64QAM	1	5	20.49	20.68	20.51	22.00
1.4	64QAM	3	0	20.53	20.63	20.46	22.00
1.4	64QAM	3	1	20.46	20.55	20.36	22.00
1.4	64QAM	3	3	20.43	20.53	20.29	22.00
1.4	64QAM	6	0	19.32	19.47	19.30	21.00
1.4	256QAM	1	0	17.36	17.60	17.35	19.00
1.4	256QAM	1	3	17.47	17.55	17.44	19.00
1.4	256QAM	1	5	17.59	17.59	17.43	19.00
1.4	256QAM	3	0	17.56	17.68	17.55	19.00
1.4	256QAM	3	1	17.50	17.56	17.53	19.00
1.4	256QAM	3	3	17.55	17.58	17.45	19.00
1.4	256QAM	6	0	17.40	17.55	17.30	19.00

【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	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	14.03	14.12	14.07	15.50
20	QPSK	1	49	13.85	13.96	13.92	15.50
20	QPSK	1	99	13.85	13.92	14.02	15.50
20	QPSK	50	0	13.97	14.06	14.00	15.50
20	QPSK	50	24	13.83	13.94	13.89	15.50
20	QPSK	50	50	13.91	13.98	13.88	15.50
20	QPSK	100	0	13.98	14.04	13.87	15.50
20	16QAM	1	0	13.94	14.12	13.99	15.50
20	16QAM	1	49	13.91	14.07	14.03	15.50
20	16QAM	1	99	14.02	14.07	14.00	15.50
20	16QAM	50	0	13.94	14.07	14.08	15.50
20	16QAM	50	24	13.93	13.99	14.05	15.50
20	16QAM	50	50	13.92	14.01	13.91	15.50
20	16QAM	100	0	13.86	14.11	14.09	15.50
20	64QAM	1	0	14.03	14.11	13.91	15.50
20	64QAM	1	49	13.94	14.13	14.01	15.50
20	64QAM	1	99	13.97	13.95	14.01	15.50
20	64QAM	50	0	13.90	14.03	13.87	15.50
20	64QAM	50	24	13.97	14.12	13.94	15.50
20	64QAM	50	50	13.85	13.95	14.00	15.50
20	64QAM	100	0	13.84	13.97	14.02	15.50
20	256QAM	1	0	14.04	14.01	14.02	15.50
20	256QAM	1	49	13.86	13.91	13.86	15.50
20	256QAM	1	99	13.89	13.92	13.90	15.50
20	256QAM	50	0	14.03	13.90	13.88	15.50
20	256QAM	50	24	13.94	14.12	13.90	15.50
20	256QAM	50	50	13.96	13.96	14.05	15.50
20	256QAM	100	0	13.88	14.12	13.94	15.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	13.90	14.06	13.92	15.50
15	QPSK	1	37	13.74	13.93	13.84	15.50
15	QPSK	1	74	13.70	13.82	13.89	15.50
15	QPSK	36	0	13.87	13.99	13.87	15.50
15	QPSK	36	20	13.72	13.86	13.81	15.50
15	QPSK	36	39	13.85	13.94	13.77	15.50
15	QPSK	75	0	13.88	13.93	13.75	15.50

15	16QAM	1	0	13.85	14.10	13.96	15.50
15	16QAM	1	37	13.89	13.97	13.99	15.50
15	16QAM	1	74	13.97	14.06	13.87	15.50
15	16QAM	36	0	13.92	13.98	14.00	15.50
15	16QAM	36	20	13.82	13.96	13.97	15.50
15	16QAM	36	39	13.83	13.88	13.87	15.50
15	16QAM	75	0	13.79	14.03	13.95	15.50
15	64QAM	1	0	14.01	13.99	13.79	15.50
15	64QAM	1	37	13.89	14.07	13.88	15.50
15	64QAM	1	74	13.90	13.87	13.93	15.50
15	64QAM	36	0	13.78	13.92	13.73	15.50
15	64QAM	36	20	13.87	13.99	13.81	15.50
15	64QAM	36	39	13.82	13.90	13.88	15.50
15	64QAM	75	0	13.71	13.86	13.92	15.50
15	256QAM	1	0	14.02	13.96	13.90	15.50
15	256QAM	1	37	13.76	13.76	13.76	15.50
15	256QAM	1	74	13.75	13.87	13.78	15.50
15	256QAM	36	0	14.02	13.79	13.82	15.50
15	256QAM	36	20	13.85	13.97	13.81	15.50
15	256QAM	36	39	13.94	13.84	13.91	15.50
15	256QAM	75	0	13.84	14.05	13.87	15.50
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	13.93	14.04	14.01	15.50
10	QPSK	1	25	13.76	13.90	13.78	15.50
10	QPSK	1	49	13.84	13.84	13.87	15.50
10	QPSK	25	0	13.91	13.98	13.86	15.50
10	QPSK	25	12	13.72	13.87	13.74	15.50
10	QPSK	25	25	13.76	13.84	13.83	15.50
10	QPSK	50	0	13.90	13.89	13.81	15.50
10	16QAM	1	0	13.84	14.03	13.96	15.50
10	16QAM	1	25	13.80	13.99	13.93	15.50
10	16QAM	1	49	14.01	14.04	13.90	15.50
10	16QAM	25	0	13.89	13.96	13.97	15.50
10	16QAM	25	12	13.85	13.96	13.94	15.50
10	16QAM	25	25	13.85	13.99	13.76	15.50
10	16QAM	50	0	13.76	13.96	13.98	15.50
10	64QAM	1	0	13.98	14.04	13.81	15.50
10	64QAM	1	25	13.81	13.98	13.95	15.50
10	64QAM	1	49	13.89	13.88	13.89	15.50
10	64QAM	25	0	13.88	13.99	13.83	15.50
10	64QAM	25	12	13.92	14.08	13.90	15.50
10	64QAM	25	25	13.76	13.91	13.88	15.50
10	64QAM	50	0	13.72	13.85	13.96	15.50
10	256QAM	1	0	13.91	13.91	13.93	15.50
10	256QAM	1	25	13.72	13.76	13.83	15.50
10	256QAM	1	49	13.77	13.82	13.77	15.50
10	256QAM	25	0	13.97	13.81	13.82	15.50
10	256QAM	25	12	13.87	14.09	13.83	15.50
10	256QAM	25	25	13.86	13.90	13.97	15.50
10	256QAM	50	0	13.73	13.98	13.83	15.50
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	13.89	14.10	13.96	15.50
5	QPSK	1	12	13.81	13.85	13.88	15.50
5	QPSK	1	24	13.77	13.86	13.95	15.50
5	QPSK	12	0	13.92	13.98	13.86	15.50
5	QPSK	12	7	13.73	13.89	13.80	15.50
5	QPSK	12	13	13.76	13.85	13.76	15.50
5	QPSK	25	0	13.88	14.01	13.74	15.50
5	16QAM	1	0	13.88	14.06	13.98	15.50
5	16QAM	1	12	13.82	13.92	14.01	15.50
5	16QAM	1	24	13.96	13.97	13.93	15.50
5	16QAM	12	0	13.82	13.93	14.01	15.50
5	16QAM	12	7	13.79	13.90	13.93	15.50
5	16QAM	12	13	13.83	13.98	13.79	15.50
5	16QAM	25	0	13.79	14.04	13.99	15.50
5	64QAM	1	0	13.97	14.00	13.78	15.50
5	64QAM	1	12	13.90	14.00	13.87	15.50
5	64QAM	1	24	13.93	13.81	13.90	15.50
5	64QAM	12	0	13.81	13.98	13.76	15.50
5	64QAM	12	7	13.95	14.01	13.92	15.50
5	64QAM	12	13	13.81	13.84	13.88	15.50
5	64QAM	25	0	13.74	13.92	13.87	15.50
5	256QAM	1	0	14.03	13.87	13.96	15.50
5	256QAM	1	12	13.83	13.90	13.72	15.50
5	256QAM	1	24	13.84	13.90	13.83	15.50
5	256QAM	12	0	13.92	13.88	13.80	15.50

5	256QAM	12	7	13.81	14.01	13.85	15.50
5	256QAM	12	13	13.94	13.82	13.93	15.50
5	256QAM	25	0	13.82	14.11	13.81	15.50
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	13.89	14.05	14.02	15.50
3	QPSK	1	8	13.79	13.89	13.85	15.50
3	QPSK	1	14	13.76	13.79	13.93	15.50
3	QPSK	8	0	13.94	14.02	13.86	15.50
3	QPSK	8	4	13.73	13.88	13.84	15.50
3	QPSK	8	7	13.80	13.91	13.77	15.50
3	QPSK	15	0	13.89	13.95	13.75	15.50
3	16QAM	1	0	13.89	13.97	13.92	15.50
3	16QAM	1	8	13.77	13.96	13.92	15.50
3	16QAM	1	14	13.91	13.92	13.93	15.50
3	16QAM	8	0	13.88	14.04	14.00	15.50
3	16QAM	8	4	13.89	13.84	14.02	15.50
3	16QAM	8	7	13.85	13.88	13.81	15.50
3	16QAM	15	0	13.77	13.96	13.97	15.50
3	64QAM	1	0	13.93	14.05	13.80	15.50
3	64QAM	1	8	13.89	14.05	13.89	15.50
3	64QAM	1	14	13.93	13.93	13.94	15.50
3	64QAM	8	0	13.88	13.95	13.75	15.50
3	64QAM	8	4	13.92	13.98	13.81	15.50
3	64QAM	8	7	13.78	13.89	13.85	15.50
3	64QAM	15	0	13.82	13.95	13.99	15.50
3	256QAM	1	0	13.97	14.00	13.96	15.50
3	256QAM	1	8	13.85	13.87	13.75	15.50
3	256QAM	1	14	13.78	13.89	13.85	15.50
3	256QAM	8	0	13.89	13.76	13.85	15.50
3	256QAM	8	4	13.91	13.98	13.80	15.50
3	256QAM	8	7	13.90	13.90	13.96	15.50
3	256QAM	15	0	13.85	13.99	13.88	15.50
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	13.90	13.98	14.02	15.50
1.4	QPSK	1	3	13.70	13.88	13.89	15.50
1.4	QPSK	1	5	13.73	13.89	13.92	15.50
1.4	QPSK	3	0	13.89	14.04	13.90	15.50
1.4	QPSK	3	1	13.71	13.85	13.87	15.50
1.4	QPSK	3	3	13.81	13.89	13.86	15.50
1.4	QPSK	6	0	13.93	14.02	13.83	15.50
1.4	16QAM	1	0	13.92	14.10	13.96	15.50
1.4	16QAM	1	3	13.90	14.04	13.89	15.50
1.4	16QAM	1	5	13.96	14.05	13.95	15.50
1.4	16QAM	3	0	13.87	13.97	14.04	15.50
1.4	16QAM	3	1	13.92	13.84	14.02	15.50
1.4	16QAM	3	3	13.83	13.96	13.83	15.50
1.4	16QAM	6	0	13.77	14.04	13.97	15.50
1.4	64QAM	1	0	13.99	14.02	13.77	15.50
1.4	64QAM	1	3	13.89	14.00	13.94	15.50
1.4	64QAM	1	5	13.82	13.89	13.89	15.50
1.4	64QAM	3	0	13.83	13.93	13.78	15.50
1.4	64QAM	3	1	13.90	14.02	13.87	15.50
1.4	64QAM	3	3	13.73	13.93	13.86	15.50
1.4	64QAM	6	0	13.77	13.88	13.95	15.50
1.4	256QAM	1	0	14.02	13.94	13.87	15.50
1.4	256QAM	1	3	13.77	13.83	13.76	15.50
1.4	256QAM	1	5	13.87	13.81	13.88	15.50
1.4	256QAM	3	0	14.01	13.78	13.85	15.50
1.4	256QAM	3	1	13.89	14.07	13.86	15.50
1.4	256QAM	3	3	13.81	13.94	13.99	15.50
1.4	256QAM	6	0	13.83	14.09	13.86	15.50

【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	22.70	22.92	22.71	24.00
20	QPSK	1	49	22.54	22.87	22.56	24.00
20	QPSK	1	99	22.39	22.73	22.43	24.00

20	QPSK	50	0	21.51	21.79	21.58	23.00
20	QPSK	50	24	21.49	21.77	21.43	23.00
20	QPSK	50	50	21.50	21.74	21.49	23.00
20	QPSK	100	0	21.51	21.75	21.44	23.00
20	16QAM	1	0	21.51	21.85	21.59	23.00
20	16QAM	1	49	21.38	21.66	21.42	23.00
20	16QAM	1	99	21.58	21.93	21.67	23.00
20	16QAM	50	0	20.53	20.83	20.60	22.00
20	16QAM	50	24	20.50	20.79	20.49	22.00
20	16QAM	50	50	20.53	20.88	20.55	22.00
20	16QAM	100	0	20.41	20.73	20.43	22.00
20	64QAM	1	0	20.62	20.88	20.60	22.00
20	64QAM	1	49	20.82	21.06	20.78	22.00
20	64QAM	1	99	20.48	20.75	20.48	22.00
20	64QAM	50	0	19.59	19.84	19.59	21.00
20	64QAM	50	24	19.56	19.84	19.61	21.00
20	64QAM	50	50	19.68	19.92	19.61	21.00
20	64QAM	100	0	19.44	19.75	19.53	21.00
20	256QAM	1	0	17.62	17.94	17.64	19.00
20	256QAM	1	49	17.65	17.91	17.67	19.00
20	256QAM	1	99	17.84	18.09	17.91	19.00
20	256QAM	50	0	17.52	17.80	17.53	19.00
20	256QAM	50	24	17.59	17.79	17.50	19.00
20	256QAM	50	50	17.74	17.97	17.80	19.00
20	256QAM	100	0	17.56	17.78	17.54	19.00
Channel				18675	18900	19125	Tune-up limit
Frequency (MHz)				1857.5	1880	1902.5	(dBm)
15	QPSK	1	0	22.68	22.78	22.65	24.00
15	QPSK	1	37	22.42	22.80	22.41	24.00
15	QPSK	1	74	22.35	22.70	22.38	24.00
15	QPSK	36	0	21.47	21.76	21.44	23.00
15	QPSK	36	20	21.42	21.69	21.37	23.00
15	QPSK	36	39	21.45	21.59	21.39	23.00
15	QPSK	75	0	21.36	21.74	21.32	23.00
15	16QAM	1	0	21.47	21.71	21.45	23.00
15	16QAM	1	37	21.26	21.54	21.28	23.00
15	16QAM	1	74	21.56	21.92	21.62	23.00
15	16QAM	36	0	20.39	20.73	20.55	22.00
15	16QAM	36	20	20.37	20.77	20.43	22.00
15	16QAM	36	39	20.42	20.82	20.46	22.00
15	16QAM	75	0	20.39	20.59	20.38	22.00
15	64QAM	1	0	20.52	20.82	20.49	22.00
15	64QAM	1	37	20.78	20.95	20.74	22.00
15	64QAM	1	74	20.36	20.62	20.45	22.00
15	64QAM	36	0	19.46	19.73	19.49	21.00
15	64QAM	36	20	19.54	19.72	19.46	21.00
15	64QAM	36	39	19.58	19.82	19.60	21.00
15	64QAM	75	0	19.33	19.63	19.46	21.00
15	256QAM	1	0	17.59	17.87	17.59	19.00
15	256QAM	1	37	17.61	17.84	17.65	19.00
15	256QAM	1	74	17.80	18.04	17.77	19.00
15	256QAM	36	0	17.48	17.74	17.43	19.00
15	256QAM	36	20	17.47	17.74	17.38	19.00
15	256QAM	36	39	17.72	17.84	17.72	19.00
15	256QAM	75	0	17.48	17.68	17.52	19.00
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	22.68	22.79	22.68	24.00
10	QPSK	1	25	22.51	22.72	22.47	24.00
10	QPSK	1	49	22.26	22.60	22.32	24.00
10	QPSK	25	0	21.48	21.64	21.56	23.00
10	QPSK	25	12	21.37	21.74	21.29	23.00
10	QPSK	25	25	21.42	21.59	21.42	23.00
10	QPSK	50	0	21.49	21.63	21.34	23.00
10	16QAM	1	0	21.43	21.75	21.50	23.00
10	16QAM	1	25	21.35	21.63	21.34	23.00
10	16QAM	1	49	21.47	21.89	21.53	23.00
10	16QAM	25	0	20.45	20.76	20.49	22.00
10	16QAM	25	12	20.49	20.67	20.46	22.00
10	16QAM	25	25	20.46	20.84	20.44	22.00
10	16QAM	50	0	20.32	20.61	20.34	22.00
10	64QAM	1	0	20.54	20.79	20.47	22.00
10	64QAM	1	25	20.72	20.96	20.69	22.00
10	64QAM	1	49	20.37	20.64	20.46	22.00
10	64QAM	25	0	19.49	19.78	19.45	21.00
10	64QAM	25	12	19.43	19.70	19.53	21.00
10	64QAM	25	25	19.59	19.82	19.49	21.00
10	64QAM	50	0	19.36	19.69	19.50	21.00

10	256QAM	1	0	17.54	17.89	17.56	19.00
10	256QAM	1	25	17.55	17.78	17.56	19.00
10	256QAM	1	49	17.78	18.07	17.89	19.00
10	256QAM	25	0	17.38	17.68	17.44	19.00
10	256QAM	25	12	17.47	17.69	17.38	19.00
10	256QAM	25	25	17.60	17.88	17.69	19.00
10	256QAM	50	0	17.54	17.76	17.41	19.00
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	22.58	22.87	22.69	24.00
5	QPSK	1	12	22.49	22.80	22.44	24.00
5	QPSK	1	24	22.33	22.61	22.33	24.00
5	QPSK	12	0	21.43	21.71	21.52	23.00
5	QPSK	12	7	21.47	21.73	21.38	23.00
5	QPSK	12	13	21.42	21.66	21.39	23.00
5	QPSK	25	0	21.41	21.62	21.35	23.00
5	16QAM	1	0	21.40	21.78	21.46	23.00
5	16QAM	1	12	21.36	21.61	21.38	23.00
5	16QAM	1	24	21.45	21.89	21.65	23.00
5	16QAM	12	0	20.52	20.81	20.46	22.00
5	16QAM	12	7	20.40	20.68	20.41	22.00
5	16QAM	12	13	20.52	20.86	20.43	22.00
5	16QAM	25	0	20.38	20.58	20.39	22.00
5	64QAM	1	0	20.51	20.73	20.54	22.00
5	64QAM	1	12	20.73	21.00	20.72	22.00
5	64QAM	1	24	20.35	20.69	20.42	22.00
5	64QAM	12	0	19.55	19.81	19.55	21.00
5	64QAM	12	7	19.54	19.81	19.55	21.00
5	64QAM	12	13	19.65	19.88	19.58	21.00
5	64QAM	25	0	19.39	19.67	19.38	21.00
5	256QAM	1	0	17.52	17.93	17.55	19.00
5	256QAM	1	12	17.64	17.86	17.56	19.00
5	256QAM	1	24	17.71	18.05	17.82	19.00
5	256QAM	12	0	17.48	17.76	17.48	19.00
5	256QAM	12	7	17.51	17.77	17.47	19.00
5	256QAM	12	13	17.61	17.89	17.78	19.00
5	256QAM	25	0	17.48	17.75	17.48	19.00
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	22.67	22.85	22.67	24.00
3	QPSK	1	8	22.40	22.75	22.53	24.00
3	QPSK	1	14	22.29	22.63	22.33	24.00
3	QPSK	8	0	21.45	21.68	21.51	23.00
3	QPSK	8	4	21.42	21.75	21.28	23.00
3	QPSK	8	7	21.36	21.63	21.34	23.00
3	QPSK	15	0	21.47	21.66	21.41	23.00
3	16QAM	1	0	21.45	21.81	21.58	23.00
3	16QAM	1	8	21.23	21.51	21.39	23.00
3	16QAM	1	14	21.56	21.85	21.57	23.00
3	16QAM	8	0	20.48	20.76	20.52	22.00
3	16QAM	8	4	20.44	20.71	20.43	22.00
3	16QAM	8	7	20.45	20.81	20.48	22.00
3	16QAM	15	0	20.37	20.59	20.28	22.00
3	64QAM	1	0	20.57	20.74	20.46	22.00
3	64QAM	1	8	20.80	20.96	20.71	22.00
3	64QAM	1	14	20.39	20.68	20.34	22.00
3	64QAM	8	0	19.44	19.75	19.48	21.00
3	64QAM	8	4	19.44	19.72	19.54	21.00
3	64QAM	8	7	19.64	19.81	19.54	21.00
3	64QAM	15	0	19.34	19.61	19.51	21.00
3	256QAM	1	0	17.48	17.85	17.54	19.00
3	256QAM	1	8	17.58	17.78	17.64	19.00
3	256QAM	1	14	17.75	18.01	17.86	19.00
3	256QAM	8	0	17.49	17.65	17.45	19.00
3	256QAM	8	4	17.51	17.76	17.41	19.00
3	256QAM	8	7	17.60	17.89	17.74	19.00
3	256QAM	15	0	17.53	17.77	17.41	19.00
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	22.58	22.86	22.68	24.00
1.4	QPSK	1	3	22.48	22.85	22.45	24.00
1.4	QPSK	1	5	22.26	22.71	22.34	24.00
1.4	QPSK	3	0	22.46	22.70	22.45	24.00
1.4	QPSK	3	1	22.37	22.66	22.35	24.00
1.4	QPSK	3	3	22.36	22.61	22.40	24.00
1.4	QPSK	6	0	21.39	21.65	21.38	23.00
1.4	16QAM	1	0	21.47	21.81	21.53	23.00
1.4	16QAM	1	3	21.31	21.54	21.39	23.00

1.4	16QAM	1	5	21.51	21.89	21.57	23.00
1.4	16QAM	3	0	21.50	21.68	21.48	23.00
1.4	16QAM	3	1	21.40	21.64	21.45	23.00
1.4	16QAM	3	3	21.49	21.84	21.49	23.00
1.4	16QAM	6	0	20.32	20.60	20.41	22.00
1.4	64QAM	1	0	20.52	20.81	20.48	22.00
1.4	64QAM	1	3	20.77	20.97	20.65	22.00
1.4	64QAM	1	5	20.37	20.67	20.45	22.00
1.4	64QAM	3	0	20.55	20.74	20.55	22.00
1.4	64QAM	3	1	20.48	20.79	20.53	22.00
1.4	64QAM	3	3	20.54	20.91	20.56	22.00
1.4	64QAM	6	0	19.34	19.64	19.41	21.00
1.4	256QAM	1	0	17.53	17.83	17.50	19.00
1.4	256QAM	1	3	17.51	17.89	17.60	19.00
1.4	256QAM	1	5	17.81	18.06	17.80	19.00
1.4	256QAM	3	0	17.38	17.78	17.49	19.00
1.4	256QAM	3	1	17.54	17.75	17.39	19.00
1.4	256QAM	3	3	17.68	17.86	17.67	19.00
1.4	256QAM	6	0	17.52	17.71	17.48	19.00

【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	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	22.70	22.92	22.71	
20	QPSK	1	49	22.54	22.87	22.56	24.00
20	QPSK	1	99	22.39	22.73	22.43	24.00
20	QPSK	50	0	21.51	21.79	21.58	23.00
20	QPSK	50	24	21.49	21.77	21.43	23.00
20	QPSK	50	50	21.50	21.74	21.49	23.00
20	QPSK	100	0	21.51	21.75	21.44	23.00
20	16QAM	1	0	21.51	21.85	21.59	23.00
20	16QAM	1	49	21.38	21.66	21.42	23.00
20	16QAM	1	99	21.58	21.93	21.67	23.00
20	16QAM	50	0	20.53	20.83	20.60	22.00
20	16QAM	50	24	20.50	20.79	20.49	22.00
20	16QAM	50	50	20.53	20.88	20.55	22.00
20	16QAM	100	0	20.41	20.73	20.43	22.00
20	64QAM	1	0	20.62	20.88	20.60	22.00
20	64QAM	1	49	20.82	21.06	20.78	22.00
20	64QAM	1	99	20.48	20.75	20.48	22.00
20	64QAM	50	0	19.59	19.84	19.59	21.00
20	64QAM	50	24	19.56	19.84	19.61	21.00
20	64QAM	50	50	19.68	19.92	19.61	21.00
20	64QAM	100	0	19.44	19.75	19.53	21.00
20	256QAM	1	0	17.62	17.94	17.64	19.00
20	256QAM	1	49	17.65	17.91	17.67	19.00
20	256QAM	1	99	17.84	18.09	17.91	19.00
20	256QAM	50	0	17.52	17.80	17.53	19.00
20	256QAM	50	24	17.59	17.79	17.50	19.00
20	256QAM	50	50	17.74	17.97	17.80	19.00
20	256QAM	100	0	17.56	17.78	17.54	19.00
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	22.68	22.78	22.65	
15	QPSK	1	37	22.42	22.80	22.41	24.00
15	QPSK	1	74	22.35	22.70	22.38	24.00
15	QPSK	36	0	21.47	21.76	21.44	23.00
15	QPSK	36	20	21.42	21.69	21.37	23.00
15	QPSK	36	39	21.45	21.59	21.39	23.00
15	QPSK	75	0	21.36	21.74	21.32	23.00
15	16QAM	1	0	21.47	21.71	21.45	23.00
15	16QAM	1	37	21.26	21.54	21.28	23.00
15	16QAM	1	74	21.56	21.92	21.62	23.00
15	16QAM	36	0	20.39	20.73	20.55	22.00
15	16QAM	36	20	20.37	20.77	20.43	22.00
15	16QAM	36	39	20.42	20.82	20.46	22.00
15	16QAM	75	0	20.39	20.59	20.38	22.00
15	64QAM	1	0	20.52	20.82	20.49	22.00
15	64QAM	1	37	20.78	20.95	20.74	22.00
15	64QAM	1	74	20.36	20.62	20.45	22.00

15	64QAM	36	0	19.46	19.73	19.49	21.00
15	64QAM	36	20	19.54	19.72	19.46	21.00
15	64QAM	36	39	19.58	19.82	19.60	21.00
15	64QAM	75	0	19.33	19.63	19.46	21.00
15	256QAM	1	0	17.59	17.87	17.59	19.00
15	256QAM	1	37	17.61	17.84	17.65	19.00
15	256QAM	1	74	17.80	18.04	17.77	19.00
15	256QAM	36	0	17.48	17.74	17.43	19.00
15	256QAM	36	20	17.47	17.74	17.38	19.00
15	256QAM	36	39	17.72	17.84	17.72	19.00
15	256QAM	75	0	17.48	17.68	17.52	19.00
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	22.68	22.79	22.68	24.00
10	QPSK	1	25	22.51	22.72	22.47	24.00
10	QPSK	1	49	22.26	22.60	22.32	24.00
10	QPSK	25	0	21.48	21.64	21.56	23.00
10	QPSK	25	12	21.37	21.74	21.29	23.00
10	QPSK	25	25	21.42	21.59	21.42	23.00
10	QPSK	50	0	21.49	21.63	21.34	23.00
10	16QAM	1	0	21.43	21.75	21.50	23.00
10	16QAM	1	25	21.35	21.63	21.34	23.00
10	16QAM	1	49	21.47	21.89	21.53	23.00
10	16QAM	25	0	20.45	20.76	20.49	22.00
10	16QAM	25	12	20.49	20.67	20.46	22.00
10	16QAM	25	25	20.46	20.84	20.44	22.00
10	16QAM	50	0	20.32	20.61	20.34	22.00
10	64QAM	1	0	20.54	20.79	20.47	22.00
10	64QAM	1	25	20.72	20.96	20.69	22.00
10	64QAM	1	49	20.37	20.64	20.46	22.00
10	64QAM	25	0	19.49	19.78	19.45	21.00
10	64QAM	25	12	19.43	19.70	19.53	21.00
10	64QAM	25	25	19.59	19.82	19.49	21.00
10	64QAM	50	0	19.36	19.69	19.50	21.00
10	256QAM	1	0	17.54	17.89	17.56	19.00
10	256QAM	1	25	17.55	17.78	17.56	19.00
10	256QAM	1	49	17.78	18.07	17.89	19.00
10	256QAM	25	0	17.38	17.68	17.44	19.00
10	256QAM	25	12	17.47	17.69	17.38	19.00
10	256QAM	25	25	17.60	17.88	17.69	19.00
10	256QAM	50	0	17.54	17.76	17.41	19.00
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	22.58	22.87	22.69	24.00
5	QPSK	1	12	22.49	22.80	22.44	24.00
5	QPSK	1	24	22.33	22.61	22.33	24.00
5	QPSK	12	0	21.43	21.71	21.52	23.00
5	QPSK	12	7	21.47	21.73	21.38	23.00
5	QPSK	12	13	21.42	21.66	21.39	23.00
5	QPSK	25	0	21.41	21.62	21.35	23.00
5	16QAM	1	0	21.40	21.78	21.46	23.00
5	16QAM	1	12	21.36	21.61	21.38	23.00
5	16QAM	1	24	21.45	21.89	21.65	23.00
5	16QAM	12	0	20.52	20.81	20.46	22.00
5	16QAM	12	7	20.40	20.68	20.41	22.00
5	16QAM	12	13	20.52	20.86	20.43	22.00
5	16QAM	25	0	20.38	20.58	20.39	22.00
5	64QAM	1	0	20.51	20.73	20.54	22.00
5	64QAM	1	12	20.73	21.00	20.72	22.00
5	64QAM	1	24	20.35	20.69	20.42	22.00
5	64QAM	12	0	19.55	19.81	19.55	21.00
5	64QAM	12	7	19.54	19.81	19.55	21.00
5	64QAM	12	13	19.65	19.88	19.58	21.00
5	64QAM	25	0	19.39	19.67	19.38	21.00
5	256QAM	1	0	17.52	17.93	17.55	19.00
5	256QAM	1	12	17.64	17.86	17.56	19.00
5	256QAM	1	24	17.71	18.05	17.82	19.00
5	256QAM	12	0	17.48	17.76	17.48	19.00
5	256QAM	12	7	17.51	17.77	17.47	19.00
5	256QAM	12	13	17.61	17.89	17.78	19.00
5	256QAM	25	0	17.48	17.75	17.48	19.00
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	22.67	22.85	22.67	24.00
3	QPSK	1	8	22.40	22.75	22.53	24.00
3	QPSK	1	14	22.29	22.63	22.33	24.00
3	QPSK	8	0	21.45	21.68	21.51	23.00
3	QPSK	8	4	21.42	21.75	21.28	23.00

3	QPSK	8	7	21.36	21.63	21.34	23.00
3	QPSK	15	0	21.47	21.66	21.41	23.00
3	16QAM	1	0	21.45	21.81	21.58	23.00
3	16QAM	1	8	21.23	21.51	21.39	23.00
3	16QAM	1	14	21.56	21.85	21.57	23.00
3	16QAM	8	0	20.48	20.76	20.52	22.00
3	16QAM	8	4	20.44	20.71	20.43	22.00
3	16QAM	8	7	20.45	20.81	20.48	22.00
3	16QAM	15	0	20.37	20.59	20.28	22.00
3	64QAM	1	0	20.57	20.74	20.46	22.00
3	64QAM	1	8	20.80	20.96	20.71	22.00
3	64QAM	1	14	20.39	20.68	20.34	22.00
3	64QAM	8	0	19.44	19.75	19.48	21.00
3	64QAM	8	4	19.44	19.72	19.54	21.00
3	64QAM	8	7	19.64	19.81	19.54	21.00
3	64QAM	15	0	19.34	19.61	19.51	21.00
3	256QAM	1	0	17.48	17.85	17.54	19.00
3	256QAM	1	8	17.58	17.78	17.64	19.00
3	256QAM	1	14	17.75	18.01	17.86	19.00
3	256QAM	8	0	17.49	17.65	17.45	19.00
3	256QAM	8	4	17.51	17.76	17.41	19.00
3	256QAM	8	7	17.60	17.89	17.74	19.00
3	256QAM	15	0	17.53	17.77	17.41	19.00
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	22.58	22.86	22.68	24.00
1.4	QPSK	1	3	22.48	22.85	22.45	24.00
1.4	QPSK	1	5	22.26	22.71	22.34	24.00
1.4	QPSK	3	0	22.46	22.70	22.45	24.00
1.4	QPSK	3	1	22.37	22.66	22.35	24.00
1.4	QPSK	3	3	22.36	22.61	22.40	24.00
1.4	QPSK	6	0	21.39	21.65	21.38	23.00
1.4	16QAM	1	0	21.47	21.81	21.53	23.00
1.4	16QAM	1	3	21.31	21.54	21.39	23.00
1.4	16QAM	1	5	21.51	21.89	21.57	23.00
1.4	16QAM	3	0	21.50	21.68	21.48	23.00
1.4	16QAM	3	1	21.40	21.64	21.45	23.00
1.4	16QAM	3	3	21.49	21.84	21.49	23.00
1.4	16QAM	6	0	20.32	20.60	20.41	22.00
1.4	64QAM	1	0	20.52	20.81	20.48	22.00
1.4	64QAM	1	3	20.77	20.97	20.65	22.00
1.4	64QAM	1	5	20.37	20.67	20.45	22.00
1.4	64QAM	3	0	20.55	20.74	20.55	22.00
1.4	64QAM	3	1	20.48	20.79	20.53	22.00
1.4	64QAM	3	3	20.54	20.91	20.56	22.00
1.4	64QAM	6	0	19.34	19.64	19.41	21.00
1.4	256QAM	1	0	17.53	17.83	17.50	19.00
1.4	256QAM	1	3	17.51	17.89	17.60	19.00
1.4	256QAM	1	5	17.81	18.06	17.80	19.00
1.4	256QAM	3	0	17.38	17.78	17.49	19.00
1.4	256QAM	3	1	17.54	17.75	17.39	19.00
1.4	256QAM	3	3	17.68	17.86	17.67	19.00
1.4	256QAM	6	0	17.52	17.71	17.48	19.00

【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	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	22.65	22.71	22.68	23.70
20	QPSK	1	49	22.50	22.70	22.60	23.70
20	QPSK	1	99	22.47	22.65	22.51	23.70
20	QPSK	50	0	21.70	21.79	21.72	23.00
20	QPSK	50	24	21.53	21.73	21.58	23.00
20	QPSK	50	50	21.56	21.70	21.54	23.00
20	QPSK	100	0	21.54	21.71	21.54	23.00
20	16QAM	1	0	21.68	21.80	21.75	23.00
20	16QAM	1	49	21.59	21.66	21.60	23.00
20	16QAM	1	99	21.62	21.79	21.70	23.00
20	16QAM	50	0	20.61	20.81	20.71	22.00
20	16QAM	50	24	20.59	20.75	20.64	22.00
20	16QAM	50	50	20.74	20.85	20.76	22.00

20	16QAM	100	0	20.69	20.76	20.63	22.00
20	64QAM	1	0	20.71	20.86	20.77	22.00
20	64QAM	1	49	20.84	20.93	20.76	22.00
20	64QAM	1	99	20.58	20.71	20.67	22.00
20	64QAM	50	0	19.67	19.85	19.76	21.00
20	64QAM	50	24	19.62	19.79	19.68	21.00
20	64QAM	50	50	19.72	19.85	19.73	21.00
20	64QAM	100	0	19.70	19.77	19.60	21.00
20	256QAM	1	0	17.74	17.88	17.76	19.00
20	256QAM	1	49	17.83	17.90	17.86	19.00
20	256QAM	1	99	17.92	18.01	17.88	19.00
20	256QAM	50	0	17.65	17.74	17.60	19.00
20	256QAM	50	24	17.70	17.81	17.71	19.00
20	256QAM	50	50	17.82	17.88	17.84	19.00
20	256QAM	100	0	17.63	17.75	17.70	19.00
Channel				18675	18900	19125	Tune-up limit
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	22.61	22.63	22.56	23.70
15	QPSK	1	37	22.46	22.56	22.49	23.70
15	QPSK	1	74	22.39	22.58	22.46	23.70
15	QPSK	36	0	21.58	21.65	21.67	23.00
15	QPSK	36	20	21.46	21.58	21.51	23.00
15	QPSK	36	39	21.45	21.67	21.42	23.00
15	QPSK	75	0	21.52	21.57	21.46	23.00
15	16QAM	1	0	21.54	21.66	21.70	23.00
15	16QAM	1	37	21.46	21.54	21.49	23.00
15	16QAM	1	74	21.51	21.64	21.61	23.00
15	16QAM	36	0	20.53	20.74	20.58	22.00
15	16QAM	36	20	20.44	20.63	20.54	22.00
15	16QAM	36	39	20.71	20.79	20.68	22.00
15	16QAM	75	0	20.57	20.66	20.53	22.00
15	64QAM	1	0	20.70	20.75	20.69	22.00
15	64QAM	1	37	20.78	20.85	20.63	22.00
15	64QAM	1	74	20.54	20.60	20.55	22.00
15	64QAM	36	0	19.64	19.80	19.64	21.00
15	64QAM	36	20	19.52	19.71	19.59	21.00
15	64QAM	36	39	19.63	19.80	19.60	21.00
15	64QAM	75	0	19.62	19.68	19.51	21.00
15	256QAM	1	0	17.64	17.77	17.65	19.00
15	256QAM	1	37	17.82	17.80	17.78	19.00
15	256QAM	1	74	17.80	17.87	17.78	19.00
15	256QAM	36	0	17.57	17.60	17.52	19.00
15	256QAM	36	20	17.59	17.76	17.69	19.00
15	256QAM	36	39	17.74	17.81	17.75	19.00
15	256QAM	75	0	17.48	17.65	17.60	19.00
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	22.53	22.67	22.54	23.70
10	QPSK	1	25	22.46	22.68	22.55	23.70
10	QPSK	1	49	22.34	22.51	22.48	23.70
10	QPSK	25	0	21.65	21.75	21.59	23.00
10	QPSK	25	12	21.50	21.60	21.46	23.00
10	QPSK	25	25	21.48	21.60	21.52	23.00
10	QPSK	50	0	21.48	21.59	21.46	23.00
10	16QAM	1	0	21.65	21.75	21.68	23.00
10	16QAM	1	25	21.45	21.63	21.55	23.00
10	16QAM	1	49	21.48	21.68	21.57	23.00
10	16QAM	25	0	20.53	20.77	20.59	22.00
10	16QAM	25	12	20.48	20.65	20.52	22.00
10	16QAM	25	25	20.61	20.82	20.74	22.00
10	16QAM	50	0	20.65	20.66	20.50	22.00
10	64QAM	1	0	20.59	20.83	20.68	22.00
10	64QAM	1	25	20.78	20.82	20.62	22.00
10	64QAM	1	49	20.48	20.62	20.59	22.00
10	64QAM	25	0	19.57	19.73	19.62	21.00
10	64QAM	25	12	19.60	19.72	19.54	21.00
10	64QAM	25	25	19.61	19.71	19.68	21.00
10	64QAM	50	0	19.66	19.63	19.46	21.00
10	256QAM	1	0	17.64	17.80	17.71	19.00
10	256QAM	1	25	17.68	17.81	17.78	19.00
10	256QAM	1	49	17.82	17.94	17.77	19.00
10	256QAM	25	0	17.63	17.63	17.53	19.00
10	256QAM	25	12	17.57	17.67	17.67	19.00
10	256QAM	25	25	17.77	17.84	17.77	19.00
10	256QAM	50	0	17.51	17.68	17.66	19.00
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	22.61	22.63	22.66	23.70

5	QPSK	1	12	22.44	22.68	22.51	23.70
5	QPSK	1	24	22.39	22.62	22.37	23.70
5	QPSK	12	0	21.65	21.73	21.58	23.00
5	QPSK	12	7	21.45	21.66	21.56	23.00
5	QPSK	12	13	21.48	21.57	21.45	23.00
5	QPSK	25	0	21.49	21.56	21.39	23.00
5	16QAM	1	0	21.65	21.69	21.62	23.00
5	16QAM	1	12	21.53	21.59	21.55	23.00
5	16QAM	1	24	21.50	21.70	21.58	23.00
5	16QAM	12	0	20.60	20.73	20.59	22.00
5	16QAM	12	7	20.52	20.72	20.61	22.00
5	16QAM	12	13	20.70	20.81	20.71	22.00
5	16QAM	25	0	20.62	20.63	20.54	22.00
5	64QAM	1	0	20.57	20.80	20.75	22.00
5	64QAM	1	12	20.83	20.83	20.71	22.00
5	64QAM	1	24	20.49	20.62	20.57	22.00
5	64QAM	12	0	19.61	19.71	19.63	21.00
5	64QAM	12	7	19.54	19.74	19.64	21.00
5	64QAM	12	13	19.61	19.77	19.66	21.00
5	64QAM	25	0	19.68	19.64	19.50	21.00
5	256QAM	1	0	17.73	17.77	17.69	19.00
5	256QAM	1	12	17.73	17.86	17.71	19.00
5	256QAM	1	24	17.85	17.96	17.87	19.00
5	256QAM	12	0	17.52	17.71	17.49	19.00
5	256QAM	12	7	17.64	17.77	17.61	19.00
5	256QAM	12	13	17.69	17.73	17.79	19.00
5	256QAM	25	0	17.61	17.71	17.68	19.00
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	22.52	22.60	22.65	23.70
3	QPSK	1	8	22.42	22.61	22.50	23.70
3	QPSK	1	14	22.35	22.54	22.40	23.70
3	QPSK	8	0	21.56	21.65	21.67	23.00
3	QPSK	8	4	21.47	21.65	21.56	23.00
3	QPSK	8	7	21.54	21.65	21.46	23.00
3	QPSK	15	0	21.43	21.61	21.46	23.00
3	16QAM	1	0	21.60	21.70	21.63	23.00
3	16QAM	1	8	21.50	21.60	21.49	23.00
3	16QAM	1	14	21.58	21.65	21.60	23.00
3	16QAM	8	0	20.55	20.73	20.63	22.00
3	16QAM	8	4	20.44	20.66	20.52	22.00
3	16QAM	8	7	20.70	20.74	20.67	22.00
3	16QAM	15	0	20.66	20.66	20.53	22.00
3	64QAM	1	0	20.57	20.81	20.70	22.00
3	64QAM	1	8	20.81	20.89	20.67	22.00
3	64QAM	1	14	20.57	20.65	20.64	22.00
3	64QAM	8	0	19.53	19.83	19.63	21.00
3	64QAM	8	4	19.48	19.68	19.66	21.00
3	64QAM	8	7	19.66	19.73	19.72	21.00
3	64QAM	15	0	19.60	19.70	19.51	21.00
3	256QAM	1	0	17.69	17.77	17.75	19.00
3	256QAM	1	8	17.74	17.86	17.76	19.00
3	256QAM	1	14	17.90	17.88	17.82	19.00
3	256QAM	8	0	17.59	17.66	17.56	19.00
3	256QAM	8	4	17.68	17.71	17.57	19.00
3	256QAM	8	7	17.76	17.78	17.81	19.00
3	256QAM	15	0	17.61	17.73	17.57	19.00
Channel				18607	18900	19193	Tune-up limit
Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	22.54	22.68	22.57	23.70
1.4	QPSK	1	3	22.46	22.63	22.58	23.70
1.4	QPSK	1	5	22.39	22.53	22.41	23.70
1.4	QPSK	3	0	22.27	22.37	22.32	23.70
1.4	QPSK	3	1	22.11	22.38	22.15	23.70
1.4	QPSK	3	3	22.17	22.25	22.10	23.70
1.4	QPSK	6	0	21.44	21.58	21.53	23.00
1.4	16QAM	1	0	21.54	21.79	21.74	23.00
1.4	16QAM	1	3	21.57	21.53	21.45	23.00
1.4	16QAM	1	5	21.56	21.69	21.61	23.00
1.4	16QAM	3	0	21.60	21.70	21.66	23.00
1.4	16QAM	3	1	21.49	21.61	21.61	23.00
1.4	16QAM	3	3	21.60	21.78	21.75	23.00
1.4	16QAM	6	0	20.58	20.74	20.56	22.00
1.4	64QAM	1	0	20.58	20.76	20.73	22.00
1.4	64QAM	1	3	20.81	20.80	20.62	22.00
1.4	64QAM	1	5	20.55	20.61	20.60	22.00
1.4	64QAM	3	0	20.56	20.78	20.70	22.00
1.4	64QAM	3	1	20.55	20.66	20.56	22.00

1.4	64QAM	3	3	20.60	20.83	20.62	22.00
1.4	64QAM	6	0	19.57	19.75	19.50	21.00
1.4	256QAM	1	0	17.65	17.84	17.61	19.00
1.4	256QAM	1	3	17.73	17.81	17.78	19.00
1.4	256QAM	1	5	17.87	17.87	17.82	19.00
1.4	256QAM	3	0	17.60	17.69	17.58	19.00
1.4	256QAM	3	1	17.55	17.67	17.68	19.00
1.4	256QAM	3	3	17.68	17.85	17.77	19.00
1.4	256QAM	6	0	17.48	17.62	17.57	19.00

【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	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	22.70	22.92	22.71	24.00
20	QPSK	1	49	22.54	22.87	22.56	24.00
20	QPSK	1	99	22.39	22.73	22.43	24.00
20	QPSK	50	0	21.51	21.79	21.58	23.00
20	QPSK	50	24	21.49	21.77	21.43	23.00
20	QPSK	50	50	21.50	21.74	21.49	23.00
20	QPSK	100	0	21.51	21.75	21.44	23.00
20	16QAM	1	0	21.51	21.85	21.59	23.00
20	16QAM	1	49	21.38	21.66	21.42	23.00
20	16QAM	1	99	21.58	21.93	21.67	23.00
20	16QAM	50	0	20.53	20.83	20.60	22.00
20	16QAM	50	24	20.50	20.79	20.49	22.00
20	16QAM	50	50	20.53	20.88	20.55	22.00
20	16QAM	100	0	20.41	20.73	20.43	22.00
20	64QAM	1	0	20.62	20.88	20.60	22.00
20	64QAM	1	49	20.82	21.06	20.78	22.00
20	64QAM	1	99	20.48	20.75	20.48	22.00
20	64QAM	50	0	19.59	19.84	19.59	21.00
20	64QAM	50	24	19.56	19.84	19.61	21.00
20	64QAM	50	50	19.68	19.92	19.61	21.00
20	64QAM	100	0	19.44	19.75	19.53	21.00
20	256QAM	1	0	17.62	17.94	17.64	19.00
20	256QAM	1	49	17.65	17.91	17.67	19.00
20	256QAM	1	99	17.84	18.09	17.91	19.00
20	256QAM	50	0	17.52	17.80	17.53	19.00
20	256QAM	50	24	17.59	17.79	17.50	19.00
20	256QAM	50	50	17.74	17.97	17.80	19.00
20	256QAM	100	0	17.56	17.78	17.54	19.00
Channel				18675	18900	19125	Tune-up limit
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	22.68	22.78	22.65	24.00
15	QPSK	1	37	22.42	22.80	22.41	24.00
15	QPSK	1	74	22.35	22.70	22.38	24.00
15	QPSK	36	0	21.47	21.76	21.44	23.00
15	QPSK	36	20	21.42	21.69	21.37	23.00
15	QPSK	36	39	21.45	21.59	21.39	23.00
15	QPSK	75	0	21.36	21.74	21.32	23.00
15	16QAM	1	0	21.47	21.71	21.45	23.00
15	16QAM	1	37	21.26	21.54	21.28	23.00
15	16QAM	1	74	21.56	21.92	21.62	23.00
15	16QAM	36	0	20.39	20.73	20.55	22.00
15	16QAM	36	20	20.37	20.77	20.43	22.00
15	16QAM	36	39	20.42	20.82	20.46	22.00
15	16QAM	75	0	20.39	20.59	20.38	22.00
15	64QAM	1	0	20.52	20.82	20.49	22.00
15	64QAM	1	37	20.78	20.95	20.74	22.00
15	64QAM	1	74	20.36	20.62	20.45	22.00
15	64QAM	36	0	19.46	19.73	19.49	21.00
15	64QAM	36	20	19.54	19.72	19.46	21.00
15	64QAM	36	39	19.58	19.82	19.60	21.00
15	64QAM	75	0	19.33	19.63	19.46	21.00
15	256QAM	1	0	17.59	17.87	17.59	19.00
15	256QAM	1	37	17.61	17.84	17.65	19.00
15	256QAM	1	74	17.80	18.04	17.77	19.00
15	256QAM	36	0	17.48	17.74	17.43	19.00
15	256QAM	36	20	17.47	17.74	17.38	19.00
15	256QAM	36	39	17.72	17.84	17.72	19.00

15	256QAM	75	0	17.48	17.68	17.52	19.00
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	22.68	22.79	22.68	24.00
10	QPSK	1	25	22.51	22.72	22.47	24.00
10	QPSK	1	49	22.26	22.60	22.32	24.00
10	QPSK	25	0	21.48	21.64	21.56	23.00
10	QPSK	25	12	21.37	21.74	21.29	23.00
10	QPSK	25	25	21.42	21.59	21.42	23.00
10	QPSK	50	0	21.49	21.63	21.34	23.00
10	16QAM	1	0	21.43	21.75	21.50	23.00
10	16QAM	1	25	21.35	21.63	21.34	23.00
10	16QAM	1	49	21.47	21.89	21.53	23.00
10	16QAM	25	0	20.45	20.76	20.49	22.00
10	16QAM	25	12	20.49	20.67	20.46	22.00
10	16QAM	25	25	20.46	20.84	20.44	22.00
10	16QAM	50	0	20.32	20.61	20.34	22.00
10	64QAM	1	0	20.54	20.79	20.47	22.00
10	64QAM	1	25	20.72	20.96	20.69	22.00
10	64QAM	1	49	20.37	20.64	20.46	22.00
10	64QAM	25	0	19.49	19.78	19.45	21.00
10	64QAM	25	12	19.43	19.70	19.53	21.00
10	64QAM	25	25	19.59	19.82	19.49	21.00
10	64QAM	50	0	19.36	19.69	19.50	21.00
10	256QAM	1	0	17.54	17.89	17.56	19.00
10	256QAM	1	25	17.55	17.78	17.56	19.00
10	256QAM	1	49	17.78	18.07	17.89	19.00
10	256QAM	25	0	17.38	17.68	17.44	19.00
10	256QAM	25	12	17.47	17.69	17.38	19.00
10	256QAM	25	25	17.60	17.88	17.69	19.00
10	256QAM	50	0	17.54	17.76	17.41	19.00
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	22.58	22.87	22.69	24.00
5	QPSK	1	12	22.49	22.80	22.44	24.00
5	QPSK	1	24	22.33	22.61	22.33	24.00
5	QPSK	12	0	21.43	21.71	21.52	23.00
5	QPSK	12	7	21.47	21.73	21.38	23.00
5	QPSK	12	13	21.42	21.66	21.39	23.00
5	QPSK	25	0	21.41	21.62	21.35	23.00
5	16QAM	1	0	21.40	21.78	21.46	23.00
5	16QAM	1	12	21.36	21.61	21.38	23.00
5	16QAM	1	24	21.45	21.89	21.65	23.00
5	16QAM	12	0	20.52	20.81	20.46	22.00
5	16QAM	12	7	20.40	20.68	20.41	22.00
5	16QAM	12	13	20.52	20.86	20.43	22.00
5	16QAM	25	0	20.38	20.58	20.39	22.00
5	64QAM	1	0	20.51	20.73	20.54	22.00
5	64QAM	1	12	20.73	21.00	20.72	22.00
5	64QAM	1	24	20.35	20.69	20.42	22.00
5	64QAM	12	0	19.55	19.81	19.55	21.00
5	64QAM	12	7	19.54	19.81	19.55	21.00
5	64QAM	12	13	19.65	19.88	19.58	21.00
5	64QAM	25	0	19.39	19.67	19.38	21.00
5	256QAM	1	0	17.52	17.93	17.55	19.00
5	256QAM	1	12	17.64	17.86	17.56	19.00
5	256QAM	1	24	17.71	18.05	17.82	19.00
5	256QAM	12	0	17.48	17.76	17.48	19.00
5	256QAM	12	7	17.51	17.77	17.47	19.00
5	256QAM	12	13	17.61	17.89	17.78	19.00
5	256QAM	25	0	17.48	17.75	17.48	19.00
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	22.67	22.85	22.67	24.00
3	QPSK	1	8	22.40	22.75	22.53	24.00
3	QPSK	1	14	22.29	22.63	22.33	24.00
3	QPSK	8	0	21.45	21.68	21.51	23.00
3	QPSK	8	4	21.42	21.75	21.28	23.00
3	QPSK	8	7	21.36	21.63	21.34	23.00
3	QPSK	15	0	21.47	21.66	21.41	23.00
3	16QAM	1	0	21.45	21.81	21.58	23.00
3	16QAM	1	8	21.23	21.51	21.39	23.00
3	16QAM	1	14	21.56	21.85	21.57	23.00
3	16QAM	8	0	20.48	20.76	20.52	22.00
3	16QAM	8	4	20.44	20.71	20.43	22.00
3	16QAM	8	7	20.45	20.81	20.48	22.00
3	16QAM	15	0	20.37	20.59	20.28	22.00
3	64QAM	1	0	20.57	20.74	20.46	22.00

3	64QAM	1	8	20.80	20.96	20.71	22.00
3	64QAM	1	14	20.39	20.68	20.34	22.00
3	64QAM	8	0	19.44	19.75	19.48	21.00
3	64QAM	8	4	19.44	19.72	19.54	21.00
3	64QAM	8	7	19.64	19.81	19.54	21.00
3	64QAM	15	0	19.34	19.61	19.51	21.00
3	256QAM	1	0	17.48	17.85	17.54	19.00
3	256QAM	1	8	17.58	17.78	17.64	19.00
3	256QAM	1	14	17.75	18.01	17.86	19.00
3	256QAM	8	0	17.49	17.65	17.45	19.00
3	256QAM	8	4	17.51	17.76	17.41	19.00
3	256QAM	8	7	17.60	17.89	17.74	19.00
3	256QAM	15	0	17.53	17.77	17.41	19.00
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	22.58	22.86	22.68	24.00
1.4	QPSK	1	3	22.48	22.85	22.45	24.00
1.4	QPSK	1	5	22.26	22.71	22.34	24.00
1.4	QPSK	3	0	22.46	22.70	22.45	24.00
1.4	QPSK	3	1	22.37	22.66	22.35	24.00
1.4	QPSK	3	3	22.36	22.61	22.40	24.00
1.4	QPSK	6	0	21.39	21.65	21.38	23.00
1.4	16QAM	1	0	21.47	21.81	21.53	23.00
1.4	16QAM	1	3	21.31	21.54	21.39	23.00
1.4	16QAM	1	5	21.51	21.89	21.57	23.00
1.4	16QAM	3	0	21.50	21.68	21.48	23.00
1.4	16QAM	3	1	21.40	21.64	21.45	23.00
1.4	16QAM	3	3	21.49	21.84	21.49	23.00
1.4	16QAM	6	0	20.32	20.60	20.41	22.00
1.4	64QAM	1	0	20.52	20.81	20.48	22.00
1.4	64QAM	1	3	20.77	20.97	20.65	22.00
1.4	64QAM	1	5	20.37	20.67	20.45	22.00
1.4	64QAM	3	0	20.55	20.74	20.55	22.00
1.4	64QAM	3	1	20.48	20.79	20.53	22.00
1.4	64QAM	3	3	20.54	20.91	20.56	22.00
1.4	64QAM	6	0	19.34	19.64	19.41	21.00
1.4	256QAM	1	0	17.53	17.83	17.50	19.00
1.4	256QAM	1	3	17.51	17.89	17.60	19.00
1.4	256QAM	1	5	17.81	18.06	17.80	19.00
1.4	256QAM	3	0	17.38	17.78	17.49	19.00
1.4	256QAM	3	1	17.54	17.75	17.39	19.00
1.4	256QAM	3	3	17.68	17.86	17.67	19.00
1.4	256QAM	6	0	17.52	17.71	17.48	19.00

【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	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	22.70	22.92	22.71	24.00
20	QPSK	1	49	22.54	22.87	22.56	24.00
20	QPSK	1	99	22.39	22.73	22.43	24.00
20	QPSK	50	0	21.51	21.79	21.58	23.00
20	QPSK	50	24	21.49	21.77	21.43	23.00
20	QPSK	50	50	21.50	21.74	21.49	23.00
20	QPSK	100	0	21.51	21.75	21.44	23.00
20	16QAM	1	0	21.51	21.85	21.59	23.00
20	16QAM	1	49	21.38	21.66	21.42	23.00
20	16QAM	1	99	21.58	21.93	21.67	23.00
20	16QAM	50	0	20.53	20.83	20.60	22.00
20	16QAM	50	24	20.50	20.79	20.49	22.00
20	16QAM	50	50	20.53	20.88	20.55	22.00
20	16QAM	100	0	20.41	20.73	20.43	22.00
20	64QAM	1	0	20.62	20.88	20.60	22.00
20	64QAM	1	49	20.82	21.06	20.78	22.00
20	64QAM	1	99	20.48	20.75	20.48	22.00
20	64QAM	50	0	19.59	19.84	19.59	21.00
20	64QAM	50	24	19.56	19.84	19.61	21.00
20	64QAM	50	50	19.68	19.92	19.61	21.00
20	64QAM	100	0	19.44	19.75	19.53	21.00
20	256QAM	1	0	17.62	17.94	17.64	19.00
20	256QAM	1	49	17.65	17.91	17.67	19.00

20	256QAM	1	99	17.84	18.09	17.91	19.00
20	256QAM	50	0	17.52	17.80	17.53	19.00
20	256QAM	50	24	17.59	17.79	17.50	19.00
20	256QAM	50	50	17.74	17.97	17.80	19.00
20	256QAM	100	0	17.56	17.78	17.54	19.00
Channel				18675	18900	19125	Tune-up limit
Frequency (MHz)				1857.5	1880	1902.5	(dBm)
15	QPSK	1	0	22.68	22.78	22.65	24.00
15	QPSK	1	37	22.42	22.80	22.41	24.00
15	QPSK	1	74	22.35	22.70	22.38	24.00
15	QPSK	36	0	21.47	21.76	21.44	23.00
15	QPSK	36	20	21.42	21.69	21.37	23.00
15	QPSK	36	39	21.45	21.59	21.39	23.00
15	QPSK	75	0	21.36	21.74	21.32	23.00
15	16QAM	1	0	21.47	21.71	21.45	23.00
15	16QAM	1	37	21.26	21.54	21.28	23.00
15	16QAM	1	74	21.56	21.92	21.62	23.00
15	16QAM	36	0	20.39	20.73	20.55	22.00
15	16QAM	36	20	20.37	20.77	20.43	22.00
15	16QAM	36	39	20.42	20.82	20.46	22.00
15	16QAM	75	0	20.39	20.59	20.38	22.00
15	64QAM	1	0	20.52	20.82	20.49	22.00
15	64QAM	1	37	20.78	20.95	20.74	22.00
15	64QAM	1	74	20.36	20.62	20.45	22.00
15	64QAM	36	0	19.46	19.73	19.49	21.00
15	64QAM	36	20	19.54	19.72	19.46	21.00
15	64QAM	36	39	19.58	19.82	19.60	21.00
15	64QAM	75	0	19.33	19.63	19.46	21.00
15	256QAM	1	0	17.59	17.87	17.59	19.00
15	256QAM	1	37	17.61	17.84	17.65	19.00
15	256QAM	1	74	17.80	18.04	17.77	19.00
15	256QAM	36	0	17.48	17.74	17.43	19.00
15	256QAM	36	20	17.47	17.74	17.38	19.00
15	256QAM	36	39	17.72	17.84	17.72	19.00
15	256QAM	75	0	17.48	17.68	17.52	19.00
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	22.68	22.79	22.68	24.00
10	QPSK	1	25	22.51	22.72	22.47	24.00
10	QPSK	1	49	22.26	22.60	22.32	24.00
10	QPSK	25	0	21.48	21.64	21.56	23.00
10	QPSK	25	12	21.37	21.74	21.29	23.00
10	QPSK	25	25	21.42	21.59	21.42	23.00
10	QPSK	50	0	21.49	21.63	21.34	23.00
10	16QAM	1	0	21.43	21.75	21.50	23.00
10	16QAM	1	25	21.35	21.63	21.34	23.00
10	16QAM	1	49	21.47	21.89	21.53	23.00
10	16QAM	25	0	20.45	20.76	20.49	22.00
10	16QAM	25	12	20.49	20.67	20.46	22.00
10	16QAM	25	25	20.46	20.84	20.44	22.00
10	16QAM	50	0	20.32	20.61	20.34	22.00
10	64QAM	1	0	20.54	20.79	20.47	22.00
10	64QAM	1	25	20.72	20.96	20.69	22.00
10	64QAM	1	49	20.37	20.64	20.46	22.00
10	64QAM	25	0	19.49	19.78	19.45	21.00
10	64QAM	25	12	19.43	19.70	19.53	21.00
10	64QAM	25	25	19.59	19.82	19.49	21.00
10	64QAM	50	0	19.36	19.69	19.50	21.00
10	256QAM	1	0	17.54	17.89	17.56	19.00
10	256QAM	1	25	17.55	17.78	17.56	19.00
10	256QAM	1	49	17.78	18.07	17.89	19.00
10	256QAM	25	0	17.38	17.68	17.44	19.00
10	256QAM	25	12	17.47	17.69	17.38	19.00
10	256QAM	25	25	17.60	17.88	17.69	19.00
10	256QAM	50	0	17.54	17.76	17.41	19.00
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	22.58	22.87	22.69	24.00
5	QPSK	1	12	22.49	22.80	22.44	24.00
5	QPSK	1	24	22.33	22.61	22.33	24.00
5	QPSK	12	0	21.43	21.71	21.52	23.00
5	QPSK	12	7	21.47	21.73	21.38	23.00
5	QPSK	12	13	21.42	21.66	21.39	23.00
5	QPSK	25	0	21.41	21.62	21.35	23.00
5	16QAM	1	0	21.40	21.78	21.46	23.00
5	16QAM	1	12	21.36	21.61	21.38	23.00
5	16QAM	1	24	21.45	21.89	21.65	23.00
5	16QAM	12	0	20.52	20.81	20.46	22.00

5	16QAM	12	7	20.40	20.68	20.41	22.00
5	16QAM	12	13	20.52	20.86	20.43	22.00
5	16QAM	25	0	20.38	20.58	20.39	22.00
5	64QAM	1	0	20.51	20.73	20.54	22.00
5	64QAM	1	12	20.73	21.00	20.72	22.00
5	64QAM	1	24	20.35	20.69	20.42	22.00
5	64QAM	12	0	19.55	19.81	19.55	21.00
5	64QAM	12	7	19.54	19.81	19.55	21.00
5	64QAM	12	13	19.65	19.88	19.58	21.00
5	64QAM	25	0	19.39	19.67	19.38	21.00
5	256QAM	1	0	17.52	17.93	17.55	19.00
5	256QAM	1	12	17.64	17.86	17.56	19.00
5	256QAM	1	24	17.71	18.05	17.82	19.00
5	256QAM	12	0	17.48	17.76	17.48	19.00
5	256QAM	12	7	17.51	17.77	17.47	19.00
5	256QAM	12	13	17.61	17.89	17.78	19.00
5	256QAM	25	0	17.48	17.75	17.48	19.00
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	22.67	22.85	22.67	24.00
3	QPSK	1	8	22.40	22.75	22.53	24.00
3	QPSK	1	14	22.29	22.63	22.33	24.00
3	QPSK	8	0	21.45	21.68	21.51	23.00
3	QPSK	8	4	21.42	21.75	21.28	23.00
3	QPSK	8	7	21.36	21.63	21.34	23.00
3	QPSK	15	0	21.47	21.66	21.41	23.00
3	16QAM	1	0	21.45	21.81	21.58	23.00
3	16QAM	1	8	21.23	21.51	21.39	23.00
3	16QAM	1	14	21.56	21.85	21.57	23.00
3	16QAM	8	0	20.48	20.76	20.52	22.00
3	16QAM	8	4	20.44	20.71	20.43	22.00
3	16QAM	8	7	20.45	20.81	20.48	22.00
3	16QAM	15	0	20.37	20.59	20.28	22.00
3	64QAM	1	0	20.57	20.74	20.46	22.00
3	64QAM	1	8	20.80	20.96	20.71	22.00
3	64QAM	1	14	20.39	20.68	20.34	22.00
3	64QAM	8	0	19.44	19.75	19.48	21.00
3	64QAM	8	4	19.44	19.72	19.54	21.00
3	64QAM	8	7	19.64	19.81	19.54	21.00
3	64QAM	15	0	19.34	19.61	19.51	21.00
3	256QAM	1	0	17.48	17.85	17.54	19.00
3	256QAM	1	8	17.58	17.78	17.64	19.00
3	256QAM	1	14	17.75	18.01	17.86	19.00
3	256QAM	8	0	17.49	17.65	17.45	19.00
3	256QAM	8	4	17.51	17.76	17.41	19.00
3	256QAM	8	7	17.60	17.89	17.74	19.00
3	256QAM	15	0	17.53	17.77	17.41	19.00
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	22.58	22.86	22.68	24.00
1.4	QPSK	1	3	22.48	22.85	22.45	24.00
1.4	QPSK	1	5	22.26	22.71	22.34	24.00
1.4	QPSK	3	0	22.46	22.70	22.45	24.00
1.4	QPSK	3	1	22.37	22.66	22.35	24.00
1.4	QPSK	3	3	22.36	22.61	22.40	24.00
1.4	QPSK	6	0	21.39	21.65	21.38	23.00
1.4	16QAM	1	0	21.47	21.81	21.53	23.00
1.4	16QAM	1	3	21.31	21.54	21.39	23.00
1.4	16QAM	1	5	21.51	21.89	21.57	23.00
1.4	16QAM	3	0	21.50	21.68	21.48	23.00
1.4	16QAM	3	1	21.40	21.64	21.45	23.00
1.4	16QAM	3	3	21.49	21.84	21.49	23.00
1.4	16QAM	6	0	20.32	20.60	20.41	22.00
1.4	64QAM	1	0	20.52	20.81	20.48	22.00
1.4	64QAM	1	3	20.77	20.97	20.65	22.00
1.4	64QAM	1	5	20.37	20.67	20.45	22.00
1.4	64QAM	3	0	20.55	20.74	20.55	22.00
1.4	64QAM	3	1	20.48	20.79	20.53	22.00
1.4	64QAM	3	3	20.54	20.91	20.56	22.00
1.4	64QAM	6	0	19.34	19.64	19.41	21.00
1.4	256QAM	1	0	17.53	17.83	17.50	19.00
1.4	256QAM	1	3	17.51	17.89	17.60	19.00
1.4	256QAM	1	5	17.81	18.06	17.80	19.00
1.4	256QAM	3	0	17.38	17.78	17.49	19.00
1.4	256QAM	3	1	17.54	17.75	17.39	19.00
1.4	256QAM	3	3	17.68	17.86	17.67	19.00
1.4	256QAM	6	0	17.52	17.71	17.48	19.00

【LTE Band 2_Ant 2_DSI 7】

Band	BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
20	Channel				18700	18900	19100	22.70
	Frequency (MHz)				1860	1880	1900	
	20	QPSK	1	0	22.02	22.07	21.98	
	20	QPSK	1	49	21.92	21.95	21.91	
	20	QPSK	1	99	21.89	22.06	21.92	
	20	QPSK	50	0	21.61	21.67	21.58	
	20	QPSK	50	24	21.41	21.65	21.54	
	20	QPSK	50	50	21.60	21.56	21.41	
	20	QPSK	100	0	21.56	21.55	21.39	
	20	16QAM	1	0	21.42	21.62	21.42	
	20	16QAM	1	49	21.57	21.50	21.58	
	20	16QAM	1	99	21.54	21.48	21.50	
	20	16QAM	50	0	20.51	20.49	20.60	
	20	16QAM	50	24	20.41	20.61	20.40	
	20	16QAM	50	50	20.60	20.58	20.51	
	20	16QAM	100	0	20.52	20.66	20.55	
	20	64QAM	1	0	20.63	20.48	20.47	
	20	64QAM	1	49	20.47	20.57	20.57	
	20	64QAM	1	99	20.55	20.69	20.52	
	20	64QAM	50	0	19.55	19.64	19.42	
	20	64QAM	50	24	19.42	19.62	19.56	
	20	64QAM	50	50	19.62	19.51	19.55	
	20	64QAM	100	0	19.51	19.56	19.51	
	20	256QAM	1	0	17.41	17.63	17.38	
	20	256QAM	1	49	17.52	17.58	17.45	
	20	256QAM	1	99	17.46	17.67	17.41	
	20	256QAM	50	0	17.42	17.46	17.41	
	20	256QAM	50	24	17.43	17.55	17.38	
	20	256QAM	50	50	17.56	17.60	17.56	
	20	256QAM	100	0	17.49	17.62	17.57	
15	Channel				18675	18900	19125	22.70
	Frequency (MHz)				1857.5	1880	1902.5	
	15	QPSK	1	0	21.90	22.03	21.97	
	15	QPSK	1	37	21.89	21.87	21.86	
	15	QPSK	1	74	21.77	22.01	21.90	
	15	QPSK	36	0	21.48	21.63	21.44	
	15	QPSK	36	20	21.43	21.61	21.43	
	15	QPSK	36	39	21.58	21.55	21.36	
	15	QPSK	75	0	21.53	21.42	21.31	
	15	16QAM	1	0	21.31	21.59	21.35	
	15	16QAM	1	37	21.49	21.45	21.49	
	15	16QAM	1	74	21.53	21.39	21.37	
	15	16QAM	36	0	20.43	20.45	20.50	
	15	16QAM	36	20	20.29	20.58	20.32	
	15	16QAM	36	39	20.51	20.46	20.39	
	15	16QAM	75	0	20.42	20.58	20.49	
	15	64QAM	1	0	20.57	20.45	20.45	
	15	64QAM	1	37	20.41	20.48	20.47	
	15	64QAM	1	74	20.52	20.61	20.45	
	15	64QAM	36	0	19.43	19.54	19.32	
	15	64QAM	36	20	19.40	19.55	19.53	
	15	64QAM	36	39	19.49	19.37	19.49	
	15	64QAM	75	0	19.46	19.43	19.38	
	15	256QAM	1	0	17.33	17.48	17.32	
	15	256QAM	1	37	17.45	17.53	17.37	
	15	256QAM	1	74	17.37	17.58	17.36	
	15	256QAM	36	0	17.31	17.32	17.32	
	15	256QAM	36	20	17.29	17.48	17.24	
	15	256QAM	36	39	17.52	17.45	17.47	
	15	256QAM	75	0	17.37	17.48	17.50	
10	Channel				18650	18900	19150	22.70
	Frequency (MHz)				1855	1880	1905	
	10	QPSK	1	0	21.90	21.94	21.89	
	10	QPSK	1	25	21.86	21.83	21.76	
	10	QPSK	1	49	21.88	21.95	21.88	
	10	QPSK	25	0	21.43	21.59	21.52	
	10	QPSK	25	12	21.37	21.57	21.53	
	10	QPSK	25	25	21.57	21.46	21.30	
	10	QPSK	50	0	21.47	21.44	21.24	

10	16QAM	1	0	21.29	21.60	21.34	22.70
10	16QAM	1	25	21.56	21.46	21.45	22.70
10	16QAM	1	49	21.49	21.38	21.42	22.70
10	16QAM	25	0	20.45	20.40	20.51	22.00
10	16QAM	25	12	20.39	20.46	20.27	22.00
10	16QAM	25	25	20.57	20.54	20.48	22.00
10	16QAM	50	0	20.42	20.51	20.41	22.00
10	64QAM	1	0	20.58	20.40	20.45	22.00
10	64QAM	1	25	20.39	20.48	20.55	22.00
10	64QAM	1	49	20.53	20.62	20.46	22.00
10	64QAM	25	0	19.53	19.57	19.36	21.00
10	64QAM	25	12	19.32	19.51	19.44	21.00
10	64QAM	25	25	19.48	19.46	19.41	21.00
10	64QAM	50	0	19.40	19.46	19.42	21.00
10	256QAM	1	0	17.39	17.54	17.29	19.00
10	256QAM	1	25	17.40	17.57	17.30	19.00
10	256QAM	1	49	17.36	17.58	17.30	19.00
10	256QAM	25	0	17.35	17.42	17.37	19.00
10	256QAM	25	12	17.30	17.45	17.29	19.00
10	256QAM	25	25	17.43	17.51	17.46	19.00
10	256QAM	50	0	17.43	17.61	17.45	19.00
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	21.89	21.96	21.88	22.70
5	QPSK	1	12	21.91	21.88	21.88	22.70
5	QPSK	1	24	21.81	21.97	21.87	22.70
5	QPSK	12	0	21.51	21.56	21.48	22.70
5	QPSK	12	7	21.32	21.61	21.52	22.70
5	QPSK	12	13	21.62	21.47	21.30	22.70
5	QPSK	25	0	21.50	21.41	21.36	22.70
5	16QAM	1	0	21.28	21.50	21.31	22.70
5	16QAM	1	12	21.47	21.39	21.52	22.70
5	16QAM	1	24	21.40	21.34	21.45	22.70
5	16QAM	12	0	20.39	20.37	20.52	22.00
5	16QAM	12	7	20.35	20.58	20.33	22.00
5	16QAM	12	13	20.54	20.56	20.38	22.00
5	16QAM	25	0	20.49	20.62	20.51	22.00
5	64QAM	1	0	20.62	20.41	20.46	22.00
5	64QAM	1	12	20.36	20.52	20.52	22.00
5	64QAM	1	24	20.47	20.58	20.39	22.00
5	64QAM	12	0	19.53	19.62	19.36	21.00
5	64QAM	12	7	19.37	19.57	19.51	21.00
5	64QAM	12	13	19.52	19.49	19.46	21.00
5	64QAM	25	0	19.46	19.54	19.39	21.00
5	256QAM	1	0	17.39	17.62	17.36	19.00
5	256QAM	1	12	17.42	17.57	17.36	19.00
5	256QAM	1	24	17.34	17.52	17.31	19.00
5	256QAM	12	0	17.31	17.42	17.34	19.00
5	256QAM	12	7	17.41	17.45	17.37	19.00
5	256QAM	12	13	17.49	17.48	17.55	19.00
5	256QAM	25	0	17.43	17.58	17.54	19.00
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	22.00	21.95	21.91	22.70
3	QPSK	1	8	21.84	21.82	21.83	22.70
3	QPSK	1	14	21.75	22.01	21.80	22.70
3	QPSK	8	0	21.46	21.52	21.45	22.70
3	QPSK	8	4	21.40	21.53	21.45	22.70
3	QPSK	8	7	21.59	21.43	21.37	22.70
3	QPSK	15	0	21.42	21.50	21.29	22.70
3	16QAM	1	0	21.34	21.49	21.31	22.70
3	16QAM	1	8	21.51	21.42	21.47	22.70
3	16QAM	1	14	21.50	21.34	21.38	22.70
3	16QAM	8	0	20.44	20.41	20.46	22.00
3	16QAM	8	4	20.30	20.59	20.28	22.00
3	16QAM	8	7	20.59	20.45	20.40	22.00
3	16QAM	15	0	20.50	20.52	20.53	22.00
3	64QAM	1	0	20.58	20.39	20.37	22.00
3	64QAM	1	8	20.44	20.54	20.43	22.00
3	64QAM	1	14	20.51	20.56	20.39	22.00
3	64QAM	8	0	19.50	19.51	19.40	21.00
3	64QAM	8	4	19.40	19.59	19.52	21.00
3	64QAM	8	7	19.58	19.42	19.43	21.00
3	64QAM	15	0	19.39	19.52	19.41	21.00
3	256QAM	1	0	17.31	17.56	17.30	19.00
3	256QAM	1	8	17.42	17.56	17.33	19.00
3	256QAM	1	14	17.35	17.53	17.28	19.00
3	256QAM	8	0	17.31	17.33	17.33	19.00

3	256QAM	8	4	17.37	17.53	17.31	19.00
3	256QAM	8	7	17.41	17.57	17.46	19.00
3	256QAM	15	0	17.42	17.48	17.55	19.00
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	21.93	22.05	21.90	22.70
1.4	QPSK	1	3	21.83	21.80	21.84	22.70
1.4	QPSK	1	5	21.77	22.04	21.78	22.70
1.4	QPSK	3	0	21.98	22.07	22.03	22.70
1.4	QPSK	3	1	21.95	22.02	21.95	22.70
1.4	QPSK	3	3	22.01	21.95	21.79	22.70
1.4	QPSK	6	0	21.48	21.45	21.29	22.70
1.4	16QAM	1	0	21.38	21.54	21.40	22.70
1.4	16QAM	1	3	21.52	21.46	21.55	22.70
1.4	16QAM	1	5	21.53	21.36	21.48	22.70
1.4	16QAM	3	0	21.49	21.34	21.52	22.70
1.4	16QAM	3	1	21.27	21.58	21.26	22.70
1.4	16QAM	3	3	21.47	21.52	21.39	22.70
1.4	16QAM	6	0	20.38	20.63	20.40	22.00
1.4	64QAM	1	0	20.58	20.34	20.40	22.00
1.4	64QAM	1	3	20.38	20.47	20.44	22.00
1.4	64QAM	1	5	20.47	20.56	20.51	22.00
1.4	64QAM	3	0	20.45	20.52	20.39	22.00
1.4	64QAM	3	1	20.34	20.52	20.43	22.00
1.4	64QAM	3	3	20.56	20.38	20.45	22.00
1.4	64QAM	6	0	19.45	19.53	19.42	21.00
1.4	256QAM	1	0	17.37	17.59	17.25	19.00
1.4	256QAM	1	3	17.51	17.48	17.30	19.00
1.4	256QAM	1	5	17.35	17.57	17.36	19.00
1.4	256QAM	3	0	17.31	17.44	17.29	19.00
1.4	256QAM	3	1	17.31	17.44	17.31	19.00
1.4	256QAM	3	3	17.49	17.51	17.42	19.00
1.4	256QAM	6	0	17.38	17.58	17.50	19.00

【LTE Band 2_Ant 9_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	23.17	23.29	23.25	24.00
20	QPSK	1	49	23.14	23.27	23.21	24.00
20	QPSK	1	99	23.11	23.25	23.17	24.00
20	QPSK	50	0	22.25	22.37	22.25	23.00
20	QPSK	50	24	22.21	22.35	22.22	23.00
20	QPSK	50	50	22.23	22.34	22.23	23.00
20	QPSK	100	0	22.16	22.32	22.21	23.00
20	16QAM	1	0	22.28	22.43	22.38	23.00
20	16QAM	1	49	22.30	22.50	22.41	23.00
20	16QAM	1	99	22.24	22.47	22.30	23.00
20	16QAM	50	0	21.16	21.31	21.26	22.00
20	16QAM	50	24	21.17	21.34	21.25	22.00
20	16QAM	50	50	21.23	21.42	21.31	22.00
20	16QAM	100	0	21.05	21.22	21.09	22.00
20	64QAM	1	0	21.10	21.24	21.10	22.00
20	64QAM	1	49	21.08	21.27	21.12	22.00
20	64QAM	1	99	21.07	21.32	21.22	22.00
20	64QAM	50	0	20.16	20.32	20.22	21.00
20	64QAM	50	24	20.07	20.28	20.10	21.00
20	64QAM	50	50	20.16	20.38	20.25	21.00
20	64QAM	100	0	20.06	20.28	20.22	21.00
20	256QAM	1	0	18.34	18.45	18.35	19.00
20	256QAM	1	49	18.23	18.41	18.35	19.00
20	256QAM	1	99	18.24	18.46	18.41	19.00
20	256QAM	50	0	18.11	18.27	18.14	19.00
20	256QAM	50	24	18.14	18.36	18.18	19.00
20	256QAM	50	50	18.31	18.43	18.34	19.00
20	256QAM	100	0	18.24	18.38	18.31	19.00
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	23.03	23.21	23.17	24.00
15	QPSK	1	37	23.08	23.15	23.08	24.00
15	QPSK	1	74	22.98	23.21	23.03	24.00

15	QPSK	36	0	22.14	22.17	22.17	23.00
15	QPSK	36	20	22.16	22.26	22.16	23.00
15	QPSK	36	39	22.18	22.30	22.21	23.00
15	QPSK	75	0	22.08	22.28	22.18	23.00
15	16QAM	1	0	22.22	22.36	22.23	23.00
15	16QAM	1	37	22.21	22.44	22.33	23.00
15	16QAM	1	74	22.20	22.34	22.21	23.00
15	16QAM	36	0	21.14	21.26	21.15	22.00
15	16QAM	36	20	21.13	21.19	21.13	22.00
15	16QAM	36	39	21.17	21.30	21.18	22.00
15	16QAM	75	0	20.98	21.12	21.00	22.00
15	64QAM	1	0	21.03	21.21	21.04	22.00
15	64QAM	1	37	20.97	21.23	21.02	22.00
15	64QAM	1	74	20.95	21.28	21.14	22.00
15	64QAM	36	0	20.11	20.28	20.17	21.00
15	64QAM	36	20	19.97	20.19	20.04	21.00
15	64QAM	36	39	20.07	20.28	20.17	21.00
15	64QAM	75	0	20.04	20.19	20.21	21.00
15	256QAM	1	0	18.32	18.43	18.27	19.00
15	256QAM	1	37	18.11	18.35	18.21	19.00
15	256QAM	1	74	18.12	18.40	18.33	19.00
15	256QAM	36	0	18.04	18.20	18.08	19.00
15	256QAM	36	20	18.13	18.23	18.11	19.00
15	256QAM	36	39	18.20	18.29	18.25	19.00
15	256QAM	75	0	18.23	18.35	18.19	19.00
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	23.07	23.23	23.12	24.00
10	QPSK	1	25	23.05	23.16	23.19	24.00
10	QPSK	1	49	23.04	23.14	23.09	24.00
10	QPSK	25	0	22.06	22.17	22.11	23.00
10	QPSK	25	12	22.17	22.22	22.16	23.00
10	QPSK	25	25	22.20	22.30	22.09	23.00
10	QPSK	50	0	22.15	22.22	22.09	23.00
10	16QAM	1	0	22.18	22.35	22.23	23.00
10	16QAM	1	25	22.27	22.44	22.35	23.00
10	16QAM	1	49	22.11	22.44	22.21	23.00
10	16QAM	25	0	21.15	21.24	21.15	22.00
10	16QAM	25	12	21.04	21.19	21.20	22.00
10	16QAM	25	25	21.16	21.39	21.29	22.00
10	16QAM	50	0	20.93	21.14	20.99	22.00
10	64QAM	1	0	21.03	21.23	21.01	22.00
10	64QAM	1	25	21.00	21.17	21.09	22.00
10	64QAM	1	49	20.93	21.23	21.12	22.00
10	64QAM	25	0	20.10	20.21	20.15	21.00
10	64QAM	25	12	19.92	20.26	20.05	21.00
10	64QAM	25	25	20.02	20.37	20.12	21.00
10	64QAM	50	0	20.01	20.26	20.09	21.00
10	256QAM	1	0	18.19	18.39	18.32	19.00
10	256QAM	1	25	18.14	18.39	18.31	19.00
10	256QAM	1	49	18.10	18.32	18.27	19.00
10	256QAM	25	0	18.09	18.13	18.00	19.00
10	256QAM	25	12	18.13	18.25	18.06	19.00
10	256QAM	25	25	18.18	18.29	18.20	19.00
10	256QAM	50	0	18.14	18.34	18.25	19.00
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	23.10	23.23	23.21	24.00
5	QPSK	1	12	23.12	23.25	23.15	24.00
5	QPSK	1	24	23.09	23.18	23.04	24.00
5	QPSK	12	0	22.08	22.29	22.24	23.00
5	QPSK	12	7	22.10	22.30	22.08	23.00
5	QPSK	12	13	22.14	22.28	22.19	23.00
5	QPSK	25	0	22.06	22.17	22.17	23.00
5	16QAM	1	0	22.25	22.41	22.25	23.00
5	16QAM	1	12	22.19	22.46	22.40	23.00
5	16QAM	1	24	22.12	22.43	22.22	23.00
5	16QAM	12	0	21.12	21.27	21.13	22.00
5	16QAM	12	7	21.07	21.23	21.19	22.00
5	16QAM	12	13	21.16	21.36	21.25	22.00
5	16QAM	25	0	20.92	21.10	21.02	22.00
5	64QAM	1	0	20.98	21.14	21.08	22.00
5	64QAM	1	12	21.07	21.12	21.00	22.00
5	64QAM	1	24	20.93	21.27	21.20	22.00
5	64QAM	12	0	20.07	20.29	20.17	21.00
5	64QAM	12	7	19.95	20.26	20.09	21.00
5	64QAM	12	13	20.14	20.23	20.17	21.00
5	64QAM	25	0	20.01	20.26	20.20	21.00

5	256QAM	1	0	18.26	18.32	18.28	19.00
5	256QAM	1	12	18.13	18.37	18.26	19.00
5	256QAM	1	24	18.13	18.38	18.34	19.00
5	256QAM	12	0	18.01	18.21	17.99	19.00
5	256QAM	12	7	18.13	18.31	18.17	19.00
5	256QAM	12	13	18.23	18.32	18.20	19.00
5	256QAM	25	0	18.19	18.30	18.27	19.00
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	23.09	23.19	23.12	24.00
3	QPSK	1	8	23.11	23.15	23.11	24.00
3	QPSK	1	14	23.04	23.23	23.15	24.00
3	QPSK	8	0	22.10	22.21	22.21	23.00
3	QPSK	8	4	22.19	22.32	22.15	23.00
3	QPSK	8	7	22.19	22.35	22.19	23.00
3	QPSK	15	0	22.07	22.26	22.16	23.00
3	16QAM	1	0	22.22	22.30	22.25	23.00
3	16QAM	1	8	22.19	22.41	22.38	23.00
3	16QAM	1	14	22.20	22.38	22.27	23.00
3	16QAM	8	0	21.14	21.17	21.13	22.00
3	16QAM	8	4	21.06	21.26	21.23	22.00
3	16QAM	8	7	21.17	21.39	21.18	22.00
3	16QAM	15	0	20.95	21.14	21.07	22.00
3	64QAM	1	0	21.06	21.21	20.95	22.00
3	64QAM	1	8	20.99	21.24	21.10	22.00
3	64QAM	1	14	20.97	21.24	21.18	22.00
3	64QAM	8	0	20.11	20.22	20.13	21.00
3	64QAM	8	4	19.94	20.13	20.04	21.00
3	64QAM	8	7	20.15	20.35	20.13	21.00
3	64QAM	15	0	19.95	20.21	20.10	21.00
3	256QAM	1	0	18.24	18.40	18.23	19.00
3	256QAM	1	8	18.20	18.29	18.23	19.00
3	256QAM	1	14	18.09	18.45	18.32	19.00
3	256QAM	8	0	18.05	18.15	18.04	19.00
3	256QAM	8	4	18.07	18.21	18.14	19.00
3	256QAM	8	7	18.20	18.32	18.24	19.00
3	256QAM	15	0	18.10	18.31	18.23	19.00
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	23.15	23.24	23.11	24.00
1.4	QPSK	1	3	23.12	23.17	23.18	24.00
1.4	QPSK	1	5	23.03	23.20	23.08	24.00
1.4	QPSK	3	0	23.06	23.17	23.17	24.00
1.4	QPSK	3	1	23.20	23.22	23.15	24.00
1.4	QPSK	3	3	23.22	23.23	23.15	24.00
1.4	QPSK	6	0	22.11	22.30	22.12	23.00
1.4	16QAM	1	0	22.17	22.34	22.32	23.00
1.4	16QAM	1	3	22.26	22.41	22.37	23.00
1.4	16QAM	1	5	22.21	22.36	22.19	23.00
1.4	16QAM	3	0	22.12	22.17	22.11	23.00
1.4	16QAM	3	1	22.13	22.25	22.17	23.00
1.4	16QAM	3	3	22.13	22.27	22.18	23.00
1.4	16QAM	6	0	20.94	21.14	20.94	22.00
1.4	64QAM	1	0	20.99	21.20	21.07	22.00
1.4	64QAM	1	3	20.98	21.14	21.00	22.00
1.4	64QAM	1	5	20.98	21.20	21.12	22.00
1.4	64QAM	3	0	21.02	21.19	21.15	22.00
1.4	64QAM	3	1	21.05	21.14	21.08	22.00
1.4	64QAM	3	3	21.12	21.23	21.11	22.00
1.4	64QAM	6	0	20.05	20.16	20.07	21.00
1.4	256QAM	1	0	18.25	18.34	18.26	19.00
1.4	256QAM	1	3	18.12	18.34	18.24	19.00
1.4	256QAM	1	5	18.22	18.44	18.27	19.00
1.4	256QAM	3	0	17.98	18.19	18.10	19.00
1.4	256QAM	3	1	18.05	18.22	18.07	19.00
1.4	256QAM	3	3	18.29	18.28	18.19	19.00
1.4	256QAM	6	0	18.17	18.34	18.17	19.00

【LTE Band 2_Ant 9_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	23.17	23.29	23.25	24.00
20	QPSK	1	49	23.14	23.27	23.21	24.00
20	QPSK	1	99	23.11	23.25	23.17	24.00
20	QPSK	50	0	22.25	22.37	22.25	23.00
20	QPSK	50	24	22.21	22.35	22.22	23.00
20	QPSK	50	50	22.23	22.34	22.23	23.00
20	QPSK	100	0	22.16	22.32	22.21	23.00
20	16QAM	1	0	22.28	22.43	22.38	23.00
20	16QAM	1	49	22.30	22.50	22.41	23.00
20	16QAM	1	99	22.24	22.47	22.30	23.00
20	16QAM	50	0	21.16	21.31	21.26	22.00
20	16QAM	50	24	21.17	21.34	21.25	22.00
20	16QAM	50	50	21.23	21.42	21.31	22.00
20	16QAM	100	0	21.05	21.22	21.09	22.00
20	64QAM	1	0	21.10	21.24	21.10	22.00
20	64QAM	1	49	21.08	21.27	21.12	22.00
20	64QAM	1	99	21.07	21.32	21.22	22.00
20	64QAM	50	0	20.16	20.32	20.22	21.00
20	64QAM	50	24	20.07	20.28	20.10	21.00
20	64QAM	50	50	20.16	20.38	20.25	21.00
20	64QAM	100	0	20.06	20.28	20.22	21.00
20	256QAM	1	0	18.34	18.45	18.35	19.00
20	256QAM	1	49	18.23	18.41	18.35	19.00
20	256QAM	1	99	18.24	18.46	18.41	19.00
20	256QAM	50	0	18.11	18.27	18.14	19.00
20	256QAM	50	24	18.14	18.36	18.18	19.00
20	256QAM	50	50	18.31	18.43	18.34	19.00
20	256QAM	100	0	18.24	18.38	18.31	19.00
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	23.03	23.21	23.17	24.00
15	QPSK	1	37	23.08	23.15	23.08	24.00
15	QPSK	1	74	22.98	23.21	23.03	24.00
15	QPSK	36	0	22.14	22.17	22.17	23.00
15	QPSK	36	20	22.16	22.26	22.16	23.00
15	QPSK	36	39	22.18	22.30	22.21	23.00
15	QPSK	75	0	22.08	22.28	22.18	23.00
15	16QAM	1	0	22.22	22.36	22.23	23.00
15	16QAM	1	37	22.21	22.44	22.33	23.00
15	16QAM	1	74	22.20	22.34	22.21	23.00
15	16QAM	36	0	21.14	21.26	21.15	22.00
15	16QAM	36	20	21.13	21.19	21.13	22.00
15	16QAM	36	39	21.17	21.30	21.18	22.00
15	16QAM	75	0	20.98	21.12	21.00	22.00
15	64QAM	1	0	21.03	21.21	21.04	22.00
15	64QAM	1	37	20.97	21.23	21.02	22.00
15	64QAM	1	74	20.95	21.28	21.14	22.00
15	64QAM	36	0	20.11	20.28	20.17	21.00
15	64QAM	36	20	19.97	20.19	20.04	21.00
15	64QAM	36	39	20.07	20.28	20.17	21.00
15	64QAM	75	0	20.04	20.19	20.21	21.00
15	256QAM	1	0	18.32	18.43	18.27	19.00
15	256QAM	1	37	18.11	18.35	18.21	19.00
15	256QAM	1	74	18.12	18.40	18.33	19.00
15	256QAM	36	0	18.04	18.20	18.08	19.00
15	256QAM	36	20	18.13	18.23	18.11	19.00
15	256QAM	36	39	18.20	18.29	18.25	19.00
15	256QAM	75	0	18.23	18.35	18.19	19.00
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	23.07	23.23	23.12	24.00
10	QPSK	1	25	23.05	23.16	23.19	24.00
10	QPSK	1	49	23.04	23.14	23.09	24.00
10	QPSK	25	0	22.06	22.17	22.11	23.00
10	QPSK	25	12	22.17	22.22	22.16	23.00
10	QPSK	25	25	22.20	22.30	22.09	23.00
10	QPSK	50	0	22.15	22.22	22.09	23.00
10	16QAM	1	0	22.18	22.35	22.23	23.00
10	16QAM	1	25	22.27	22.44	22.35	23.00
10	16QAM	1	49	22.11	22.44	22.21	23.00
10	16QAM	25	0	21.15	21.24	21.15	22.00

10	16QAM	25	12	21.04	21.19	21.20	22.00
10	16QAM	25	25	21.16	21.39	21.29	22.00
10	16QAM	50	0	20.93	21.14	20.99	22.00
10	64QAM	1	0	21.03	21.23	21.01	22.00
10	64QAM	1	25	21.00	21.17	21.09	22.00
10	64QAM	1	49	20.93	21.23	21.12	22.00
10	64QAM	25	0	20.10	20.21	20.15	21.00
10	64QAM	25	12	19.92	20.26	20.05	21.00
10	64QAM	25	25	20.02	20.37	20.12	21.00
10	64QAM	50	0	20.01	20.26	20.09	21.00
10	256QAM	1	0	18.19	18.39	18.32	19.00
10	256QAM	1	25	18.14	18.39	18.31	19.00
10	256QAM	1	49	18.10	18.32	18.27	19.00
10	256QAM	25	0	18.09	18.13	18.00	19.00
10	256QAM	25	12	18.13	18.25	18.06	19.00
10	256QAM	25	25	18.18	18.29	18.20	19.00
10	256QAM	50	0	18.14	18.34	18.25	19.00
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	23.10	23.23	23.21	24.00
5	QPSK	1	12	23.12	23.25	23.15	24.00
5	QPSK	1	24	23.09	23.18	23.04	24.00
5	QPSK	12	0	22.08	22.29	22.24	23.00
5	QPSK	12	7	22.10	22.30	22.08	23.00
5	QPSK	12	13	22.14	22.28	22.19	23.00
5	QPSK	25	0	22.06	22.17	22.17	23.00
5	16QAM	1	0	22.25	22.41	22.25	23.00
5	16QAM	1	12	22.19	22.46	22.40	23.00
5	16QAM	1	24	22.12	22.43	22.22	23.00
5	16QAM	12	0	21.12	21.27	21.13	22.00
5	16QAM	12	7	21.07	21.23	21.19	22.00
5	16QAM	12	13	21.16	21.36	21.25	22.00
5	16QAM	25	0	20.92	21.10	21.02	22.00
5	64QAM	1	0	20.98	21.14	21.08	22.00
5	64QAM	1	12	21.07	21.12	21.00	22.00
5	64QAM	1	24	20.93	21.27	21.20	22.00
5	64QAM	12	0	20.07	20.29	20.17	21.00
5	64QAM	12	7	19.95	20.26	20.09	21.00
5	64QAM	12	13	20.14	20.23	20.17	21.00
5	64QAM	25	0	20.01	20.26	20.20	21.00
5	256QAM	1	0	18.26	18.32	18.28	19.00
5	256QAM	1	12	18.13	18.37	18.26	19.00
5	256QAM	1	24	18.13	18.38	18.34	19.00
5	256QAM	12	0	18.01	18.21	17.99	19.00
5	256QAM	12	7	18.13	18.31	18.17	19.00
5	256QAM	12	13	18.23	18.32	18.20	19.00
5	256QAM	25	0	18.19	18.30	18.27	19.00
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	23.09	23.19	23.12	24.00
3	QPSK	1	8	23.11	23.15	23.11	24.00
3	QPSK	1	14	23.04	23.23	23.15	24.00
3	QPSK	8	0	22.10	22.21	22.21	23.00
3	QPSK	8	4	22.19	22.32	22.15	23.00
3	QPSK	8	7	22.19	22.35	22.19	23.00
3	QPSK	15	0	22.07	22.26	22.16	23.00
3	16QAM	1	0	22.22	22.30	22.25	23.00
3	16QAM	1	8	22.19	22.41	22.38	23.00
3	16QAM	1	14	22.20	22.38	22.27	23.00
3	16QAM	8	0	21.14	21.17	21.13	22.00
3	16QAM	8	4	21.06	21.26	21.23	22.00
3	16QAM	8	7	21.17	21.39	21.18	22.00
3	16QAM	15	0	20.95	21.14	21.07	22.00
3	64QAM	1	0	21.06	21.21	20.95	22.00
3	64QAM	1	8	20.99	21.24	21.10	22.00
3	64QAM	1	14	20.97	21.24	21.18	22.00
3	64QAM	8	0	20.11	20.22	20.13	21.00
3	64QAM	8	4	19.94	20.13	20.04	21.00
3	64QAM	8	7	20.15	20.35	20.13	21.00
3	64QAM	15	0	19.95	20.21	20.10	21.00
3	256QAM	1	0	18.24	18.40	18.23	19.00
3	256QAM	1	8	18.20	18.29	18.23	19.00
3	256QAM	1	14	18.09	18.45	18.32	19.00
3	256QAM	8	0	18.05	18.15	18.04	19.00
3	256QAM	8	4	18.07	18.21	18.14	19.00
3	256QAM	8	7	18.20	18.32	18.24	19.00
3	256QAM	15	0	18.10	18.31	18.23	19.00
Channel				18607	18900	19193	Tune-up limit

Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	23.15	23.24	23.11	24.00
1.4	QPSK	1	3	23.12	23.17	23.18	24.00
1.4	QPSK	1	5	23.03	23.20	23.08	24.00
1.4	QPSK	3	0	23.06	23.17	23.17	24.00
1.4	QPSK	3	1	23.20	23.22	23.15	24.00
1.4	QPSK	3	3	23.22	23.23	23.15	24.00
1.4	QPSK	6	0	22.11	22.30	22.12	23.00
1.4	16QAM	1	0	22.17	22.34	22.32	23.00
1.4	16QAM	1	3	22.26	22.41	22.37	23.00
1.4	16QAM	1	5	22.21	22.36	22.19	23.00
1.4	16QAM	3	0	22.12	22.17	22.11	23.00
1.4	16QAM	3	1	22.13	22.25	22.17	23.00
1.4	16QAM	3	3	22.13	22.27	22.18	23.00
1.4	16QAM	6	0	20.94	21.14	20.94	22.00
1.4	64QAM	1	0	20.99	21.20	21.07	22.00
1.4	64QAM	1	3	20.98	21.14	21.00	22.00
1.4	64QAM	1	5	20.98	21.20	21.12	22.00
1.4	64QAM	3	0	21.02	21.19	21.15	22.00
1.4	64QAM	3	1	21.05	21.14	21.08	22.00
1.4	64QAM	3	3	21.12	21.23	21.11	22.00
1.4	64QAM	6	0	20.05	20.16	20.07	21.00
1.4	256QAM	1	0	18.25	18.34	18.26	19.00
1.4	256QAM	1	3	18.12	18.34	18.24	19.00
1.4	256QAM	1	5	18.22	18.44	18.27	19.00
1.4	256QAM	3	0	17.98	18.19	18.10	19.00
1.4	256QAM	3	1	18.05	18.22	18.07	19.00
1.4	256QAM	3	3	18.29	18.28	18.19	19.00
1.4	256QAM	6	0	18.17	18.34	18.17	19.00

【LTE Band 2_Ant 9_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	20.04	20.14	19.96	20.90
20	QPSK	1	49	19.99	20.07	19.86	20.90
20	QPSK	1	99	19.96	19.97	19.95	20.90
20	QPSK	50	0	19.98	20.10	20.05	20.90
20	QPSK	50	24	19.89	20.06	19.91	20.90
20	QPSK	50	50	20.02	20.08	19.94	20.90
20	QPSK	100	0	19.97	20.08	19.89	20.90
20	16QAM	1	0	20.01	20.07	19.77	20.90
20	16QAM	1	49	19.99	20.07	19.89	20.90
20	16QAM	1	99	19.82	20.09	19.79	20.90
20	16QAM	50	0	19.86	20.02	19.93	20.90
20	16QAM	50	24	19.98	20.12	19.97	20.90
20	16QAM	50	50	19.90	19.95	19.82	20.90
20	16QAM	100	0	19.91	19.96	19.87	20.90
20	64QAM	1	0	19.97	19.99	19.98	20.90
20	64QAM	1	49	19.91	20.03	19.90	20.90
20	64QAM	1	99	19.82	20.14	19.93	20.90
20	64QAM	50	0	20.04	20.02	19.84	20.90
20	64QAM	50	24	19.95	20.13	19.95	20.90
20	64QAM	50	50	20.06	20.14	19.86	20.90
20	64QAM	100	0	19.97	20.11	19.88	20.90
20	256QAM	1	0	18.04	18.15	18.06	18.90
20	256QAM	1	49	18.08	18.09	17.91	18.90
20	256QAM	1	99	18.06	18.13	18.01	18.90
20	256QAM	50	0	17.98	18.07	17.92	18.90
20	256QAM	50	24	18.02	18.09	17.92	18.90
20	256QAM	50	50	18.07	18.16	17.89	18.90
20	256QAM	100	0	18.12	18.21	18.07	18.90
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	19.91	20.03	19.90	20.90
15	QPSK	1	37	19.90	20.01	19.82	20.90
15	QPSK	1	74	19.92	19.94	19.94	20.90
15	QPSK	36	0	19.85	20.05	19.95	20.90
15	QPSK	36	20	19.85	19.96	19.80	20.90
15	QPSK	36	39	19.96	20.03	19.83	20.90
15	QPSK	75	0	19.83	19.95	19.79	20.90

15	16QAM	1	0	20.00	20.01	19.68	20.90
15	16QAM	1	37	19.88	20.04	19.79	20.90
15	16QAM	1	74	19.81	20.08	19.78	20.90
15	16QAM	36	0	19.85	19.91	19.85	20.90
15	16QAM	36	20	19.85	20.07	19.84	20.90
15	16QAM	36	39	19.80	19.82	19.81	20.90
15	16QAM	75	0	19.87	19.83	19.84	20.90
15	64QAM	1	0	19.91	19.86	19.90	20.90
15	64QAM	1	37	19.78	19.91	19.80	20.90
15	64QAM	1	74	19.76	20.09	19.83	20.90
15	64QAM	36	0	20.01	19.90	19.73	20.90
15	64QAM	36	20	19.83	20.03	19.86	20.90
15	64QAM	36	39	19.94	20.01	19.84	20.90
15	64QAM	75	0	19.89	20.08	19.85	20.90
15	256QAM	1	0	17.99	18.08	18.05	18.90
15	256QAM	1	37	17.94	18.07	17.88	18.90
15	256QAM	1	74	17.93	18.04	17.87	18.90
15	256QAM	36	0	17.92	17.99	17.91	18.90
15	256QAM	36	20	17.90	17.96	17.84	18.90
15	256QAM	36	39	18.04	18.02	17.75	18.90
15	256QAM	75	0	18.00	18.15	18.06	18.90
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	19.96	20.10	19.91	20.90
10	QPSK	1	25	19.86	19.94	19.85	20.90
10	QPSK	1	49	19.81	19.82	19.90	20.90
10	QPSK	25	0	19.88	19.99	19.97	20.90
10	QPSK	25	12	19.87	20.02	19.85	20.90
10	QPSK	25	25	19.93	20.02	19.80	20.90
10	QPSK	50	0	19.90	19.98	19.79	20.90
10	16QAM	1	0	19.92	19.94	19.68	20.90
10	16QAM	1	25	19.95	20.03	19.75	20.90
10	16QAM	1	49	19.73	20.06	19.72	20.90
10	16QAM	25	0	19.77	19.99	19.87	20.90
10	16QAM	25	12	19.88	20.09	19.90	20.90
10	16QAM	25	25	19.85	19.84	19.75	20.90
10	16QAM	50	0	19.88	19.90	19.84	20.90
10	64QAM	1	0	19.91	19.92	19.92	20.90
10	64QAM	1	25	19.80	19.96	19.86	20.90
10	64QAM	1	49	19.71	20.05	19.86	20.90
10	64QAM	25	0	19.93	19.91	19.74	20.90
10	64QAM	25	12	19.83	20.08	19.91	20.90
10	64QAM	25	25	20.03	20.06	19.75	20.90
10	64QAM	50	0	19.93	20.05	19.84	20.90
10	256QAM	1	0	18.02	18.01	17.96	18.90
10	256QAM	1	25	18.03	18.03	17.87	18.90
10	256QAM	1	49	18.03	18.08	17.95	18.90
10	256QAM	25	0	17.88	18.04	17.87	18.90
10	256QAM	25	12	17.88	18.03	17.84	18.90
10	256QAM	25	25	17.95	18.13	17.82	18.90
10	256QAM	50	0	17.99	18.14	17.93	18.90
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	19.99	20.05	19.86	20.90
5	QPSK	1	12	19.91	19.95	19.78	20.90
5	QPSK	1	24	19.88	19.93	19.83	20.90
5	QPSK	12	0	19.89	20.07	20.03	20.90
5	QPSK	12	7	19.84	20.01	19.76	20.90
5	QPSK	12	13	19.94	19.96	19.92	20.90
5	QPSK	25	0	19.83	20.02	19.75	20.90
5	16QAM	1	0	19.98	20.06	19.63	20.90
5	16QAM	1	12	19.85	19.93	19.79	20.90
5	16QAM	1	24	19.70	20.01	19.76	20.90
5	16QAM	12	0	19.81	19.88	19.86	20.90
5	16QAM	12	7	19.88	20.09	19.94	20.90
5	16QAM	12	13	19.85	19.83	19.72	20.90
5	16QAM	25	0	19.84	19.83	19.82	20.90
5	64QAM	1	0	19.93	19.94	19.91	20.90
5	64QAM	1	12	19.77	20.00	19.80	20.90
5	64QAM	1	24	19.74	19.99	19.85	20.90
5	64QAM	12	0	20.00	19.97	19.74	20.90
5	64QAM	12	7	19.81	20.09	19.87	20.90
5	64QAM	12	13	20.01	20.03	19.73	20.90
5	64QAM	25	0	19.91	20.07	19.76	20.90
5	256QAM	1	0	17.93	18.10	18.00	18.90
5	256QAM	1	12	17.94	18.02	17.89	18.90
5	256QAM	1	24	18.01	18.10	17.94	18.90
5	256QAM	12	0	17.95	18.05	17.80	18.90

5	256QAM	12	7	17.98	18.04	17.90	18.90
5	256QAM	12	13	18.06	18.09	17.87	18.90
5	256QAM	25	0	18.04	18.19	17.93	18.90
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	20.00	20.09	19.81	20.90
3	QPSK	1	8	19.93	20.05	19.81	20.90
3	QPSK	1	14	19.84	19.91	19.91	20.90
3	QPSK	8	0	19.87	20.02	20.00	20.90
3	QPSK	8	4	19.83	19.97	19.90	20.90
3	QPSK	8	7	19.98	20.01	19.85	20.90
3	QPSK	15	0	19.88	19.95	19.83	20.90
3	16QAM	1	0	20.00	19.92	19.65	20.90
3	16QAM	1	8	19.94	19.99	19.75	20.90
3	16QAM	1	14	19.72	19.97	19.68	20.90
3	16QAM	8	0	19.78	19.91	19.84	20.90
3	16QAM	8	4	19.96	20.00	19.88	20.90
3	16QAM	8	7	19.89	19.90	19.73	20.90
3	16QAM	15	0	19.76	19.84	19.78	20.90
3	64QAM	1	0	19.93	19.96	19.96	20.90
3	64QAM	1	8	19.89	19.94	19.79	20.90
3	64QAM	1	14	19.69	20.10	19.84	20.90
3	64QAM	8	0	19.95	19.95	19.69	20.90
3	64QAM	8	4	19.94	20.11	19.90	20.90
3	64QAM	8	7	19.95	20.00	19.79	20.90
3	64QAM	15	0	19.88	20.06	19.80	20.90
3	256QAM	1	0	17.97	18.05	17.92	18.90
3	256QAM	1	8	18.06	18.06	17.87	18.90
3	256QAM	1	14	17.96	18.03	17.94	18.90
3	256QAM	8	0	17.89	18.00	17.85	18.90
3	256QAM	8	4	17.97	17.98	17.82	18.90
3	256QAM	8	7	17.97	18.11	17.83	18.90
3	256QAM	15	0	17.98	18.16	18.03	18.90
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	20.01	20.09	19.86	20.90
1.4	QPSK	1	3	19.85	20.05	19.85	20.90
1.4	QPSK	1	5	19.90	19.83	19.91	20.90
1.4	QPSK	3	0	19.86	19.99	19.98	20.90
1.4	QPSK	3	1	19.83	20.03	19.82	20.90
1.4	QPSK	3	3	20.01	19.96	19.92	20.90
1.4	QPSK	6	0	19.91	20.07	19.88	20.90
1.4	16QAM	1	0	19.94	20.03	19.66	20.90
1.4	16QAM	1	3	19.92	19.98	19.81	20.90
1.4	16QAM	1	5	19.69	20.01	19.72	20.90
1.4	16QAM	3	0	19.84	19.92	19.78	20.90
1.4	16QAM	3	1	19.91	20.01	19.88	20.90
1.4	16QAM	3	3	19.79	19.91	19.80	20.90
1.4	16QAM	6	0	19.83	19.83	19.82	20.90
1.4	64QAM	1	0	19.91	19.89	19.96	20.90
1.4	64QAM	1	3	19.77	19.94	19.84	20.90
1.4	64QAM	1	5	19.76	20.08	19.86	20.90
1.4	64QAM	3	0	19.98	19.87	19.83	20.90
1.4	64QAM	3	1	19.85	20.04	19.86	20.90
1.4	64QAM	3	3	20.01	20.03	19.84	20.90
1.4	64QAM	6	0	19.85	20.09	19.78	20.90
1.4	256QAM	1	0	17.95	18.13	17.92	18.90
1.4	256QAM	1	3	18.04	17.99	17.87	18.90
1.4	256QAM	1	5	17.92	18.02	17.96	18.90
1.4	256QAM	3	0	17.96	17.98	17.81	18.90
1.4	256QAM	3	1	17.99	18.06	17.80	18.90
1.4	256QAM	3	3	17.97	18.05	17.88	18.90
1.4	256QAM	6	0	18.02	18.20	18.01	18.90

【LTE Band 2_Ant 9_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	20.04	20.14	19.96	21.10
20	QPSK	1	49	19.99	20.07	19.86	21.10
20	QPSK	1	99	19.96	19.97	19.95	21.10

20	QPSK	50	0	19.98	20.10	20.05	21.10
20	QPSK	50	24	19.89	20.06	19.91	21.10
20	QPSK	50	50	20.02	20.08	19.94	21.10
20	QPSK	100	0	19.97	20.08	19.89	21.10
20	16QAM	1	0	20.01	20.07	19.77	21.10
20	16QAM	1	49	19.99	20.07	19.89	21.10
20	16QAM	1	99	19.82	20.09	19.79	21.10
20	16QAM	50	0	19.86	20.02	19.93	21.10
20	16QAM	50	24	19.98	20.12	19.97	21.10
20	16QAM	50	50	19.90	19.95	19.82	21.10
20	16QAM	100	0	19.91	19.96	19.87	21.10
20	64QAM	1	0	19.97	19.99	19.98	21.10
20	64QAM	1	49	19.91	20.03	19.90	21.10
20	64QAM	1	99	19.82	20.14	19.93	21.10
20	64QAM	50	0	20.04	20.02	19.84	21.10
20	64QAM	50	24	19.95	20.13	19.95	21.10
20	64QAM	50	50	20.06	20.14	19.86	21.10
20	64QAM	100	0	19.97	20.11	19.88	21.10
20	256QAM	1	0	18.04	18.15	18.06	19.00
20	256QAM	1	49	18.08	18.09	17.91	19.00
20	256QAM	1	99	18.06	18.13	18.01	19.00
20	256QAM	50	0	17.98	18.07	17.92	19.00
20	256QAM	50	24	18.02	18.09	17.92	19.00
20	256QAM	50	50	18.07	18.16	17.89	19.00
20	256QAM	100	0	18.12	18.21	18.07	19.00
Channel				18675	18900	19125	Tune-up limit
Frequency (MHz)				1857.5	1880	1902.5	(dBm)
15	QPSK	1	0	19.91	20.03	19.90	21.10
15	QPSK	1	37	19.90	20.01	19.82	21.10
15	QPSK	1	74	19.92	19.94	19.94	21.10
15	QPSK	36	0	19.85	20.05	19.95	21.10
15	QPSK	36	20	19.85	19.96	19.80	21.10
15	QPSK	36	39	19.96	20.03	19.83	21.10
15	QPSK	75	0	19.83	19.95	19.79	21.10
15	16QAM	1	0	20.00	20.01	19.68	21.10
15	16QAM	1	37	19.88	20.04	19.79	21.10
15	16QAM	1	74	19.81	20.08	19.78	21.10
15	16QAM	36	0	19.85	19.91	19.85	21.10
15	16QAM	36	20	19.85	20.07	19.84	21.10
15	16QAM	36	39	19.80	19.82	19.81	21.10
15	16QAM	75	0	19.87	19.83	19.84	21.10
15	64QAM	1	0	19.91	19.86	19.90	21.10
15	64QAM	1	37	19.78	19.91	19.80	21.10
15	64QAM	1	74	19.76	20.09	19.83	21.10
15	64QAM	36	0	20.01	19.90	19.73	21.10
15	64QAM	36	20	19.83	20.03	19.86	21.10
15	64QAM	36	39	19.94	20.01	19.84	21.10
15	64QAM	75	0	19.89	20.08	19.85	21.10
15	256QAM	1	0	17.99	18.08	18.05	19.00
15	256QAM	1	37	17.94	18.07	17.88	19.00
15	256QAM	1	74	17.93	18.04	17.87	19.00
15	256QAM	36	0	17.92	17.99	17.91	19.00
15	256QAM	36	20	17.90	17.96	17.84	19.00
15	256QAM	36	39	18.04	18.02	17.75	19.00
15	256QAM	75	0	18.00	18.15	18.06	19.00
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	19.96	20.10	19.91	21.10
10	QPSK	1	25	19.86	19.94	19.85	21.10
10	QPSK	1	49	19.81	19.82	19.90	21.10
10	QPSK	25	0	19.88	19.99	19.97	21.10
10	QPSK	25	12	19.87	20.02	19.85	21.10
10	QPSK	25	25	19.93	20.02	19.80	21.10
10	QPSK	50	0	19.90	19.98	19.79	21.10
10	16QAM	1	0	19.92	19.94	19.68	21.10
10	16QAM	1	25	19.95	20.03	19.75	21.10
10	16QAM	1	49	19.73	20.06	19.72	21.10
10	16QAM	25	0	19.77	19.99	19.87	21.10
10	16QAM	25	12	19.88	20.09	19.90	21.10
10	16QAM	25	25	19.85	19.84	19.75	21.10
10	16QAM	50	0	19.88	19.90	19.84	21.10
10	64QAM	1	0	19.91	19.92	19.92	21.10
10	64QAM	1	25	19.80	19.96	19.86	21.10
10	64QAM	1	49	19.71	20.05	19.86	21.10
10	64QAM	25	0	19.93	19.91	19.74	21.10
10	64QAM	25	12	19.83	20.08	19.91	21.10
10	64QAM	25	25	20.03	20.06	19.75	21.10
10	64QAM	50	0	19.93	20.05	19.84	21.10

10	256QAM	1	0	18.02	18.01	17.96	19.00
10	256QAM	1	25	18.03	18.03	17.87	19.00
10	256QAM	1	49	18.03	18.08	17.95	19.00
10	256QAM	25	0	17.88	18.04	17.87	19.00
10	256QAM	25	12	17.88	18.03	17.84	19.00
10	256QAM	25	25	17.95	18.13	17.82	19.00
10	256QAM	50	0	17.99	18.14	17.93	19.00
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	19.99	20.05	19.86	21.10
5	QPSK	1	12	19.91	19.95	19.78	21.10
5	QPSK	1	24	19.88	19.93	19.83	21.10
5	QPSK	12	0	19.89	20.07	20.03	21.10
5	QPSK	12	7	19.84	20.01	19.76	21.10
5	QPSK	12	13	19.94	19.96	19.92	21.10
5	QPSK	25	0	19.83	20.02	19.75	21.10
5	16QAM	1	0	19.98	20.06	19.63	21.10
5	16QAM	1	12	19.85	19.93	19.79	21.10
5	16QAM	1	24	19.70	20.01	19.76	21.10
5	16QAM	12	0	19.81	19.88	19.86	21.10
5	16QAM	12	7	19.88	20.09	19.94	21.10
5	16QAM	12	13	19.85	19.83	19.72	21.10
5	16QAM	25	0	19.84	19.83	19.82	21.10
5	64QAM	1	0	19.93	19.94	19.91	21.10
5	64QAM	1	12	19.77	20.00	19.80	21.10
5	64QAM	1	24	19.74	19.99	19.85	21.10
5	64QAM	12	0	20.00	19.97	19.74	21.10
5	64QAM	12	7	19.81	20.09	19.87	21.10
5	64QAM	12	13	20.01	20.03	19.73	21.10
5	64QAM	25	0	19.91	20.07	19.76	21.10
5	256QAM	1	0	17.93	18.10	18.00	19.00
5	256QAM	1	12	17.94	18.02	17.89	19.00
5	256QAM	1	24	18.01	18.10	17.94	19.00
5	256QAM	12	0	17.95	18.05	17.80	19.00
5	256QAM	12	7	17.98	18.04	17.90	19.00
5	256QAM	12	13	18.06	18.09	17.87	19.00
5	256QAM	25	0	18.04	18.19	17.93	19.00
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	20.00	20.09	19.81	21.10
3	QPSK	1	8	19.93	20.05	19.81	21.10
3	QPSK	1	14	19.84	19.91	19.91	21.10
3	QPSK	8	0	19.87	20.02	20.00	21.10
3	QPSK	8	4	19.83	19.97	19.90	21.10
3	QPSK	8	7	19.98	20.01	19.85	21.10
3	QPSK	15	0	19.88	19.95	19.83	21.10
3	16QAM	1	0	20.00	19.92	19.65	21.10
3	16QAM	1	8	19.94	19.99	19.75	21.10
3	16QAM	1	14	19.72	19.97	19.68	21.10
3	16QAM	8	0	19.78	19.91	19.84	21.10
3	16QAM	8	4	19.96	20.00	19.88	21.10
3	16QAM	8	7	19.89	19.90	19.73	21.10
3	16QAM	15	0	19.76	19.84	19.78	21.10
3	64QAM	1	0	19.93	19.96	19.96	21.10
3	64QAM	1	8	19.89	19.94	19.79	21.10
3	64QAM	1	14	19.69	20.10	19.84	21.10
3	64QAM	8	0	19.95	19.95	19.69	21.10
3	64QAM	8	4	19.94	20.11	19.90	21.10
3	64QAM	8	7	19.95	20.00	19.79	21.10
3	64QAM	15	0	19.88	20.06	19.80	21.10
3	256QAM	1	0	17.97	18.05	17.92	19.00
3	256QAM	1	8	18.06	18.06	17.87	19.00
3	256QAM	1	14	17.96	18.03	17.94	19.00
3	256QAM	8	0	17.89	18.00	17.85	19.00
3	256QAM	8	4	17.97	17.98	17.82	19.00
3	256QAM	8	7	17.97	18.11	17.83	19.00
3	256QAM	15	0	17.98	18.16	18.03	19.00
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	20.01	20.09	19.86	21.10
1.4	QPSK	1	3	19.85	20.05	19.85	21.10
1.4	QPSK	1	5	19.90	19.83	19.91	21.10
1.4	QPSK	3	0	19.86	19.99	19.98	21.10
1.4	QPSK	3	1	19.83	20.03	19.82	21.10
1.4	QPSK	3	3	20.01	19.96	19.92	21.10
1.4	QPSK	6	0	19.91	20.07	19.88	21.10
1.4	16QAM	1	0	19.94	20.03	19.66	21.10
1.4	16QAM	1	3	19.92	19.98	19.81	21.10

1.4	16QAM	1	5	19.69	20.01	19.72	21.10
1.4	16QAM	3	0	19.84	19.92	19.78	21.10
1.4	16QAM	3	1	19.91	20.01	19.88	21.10
1.4	16QAM	3	3	19.79	19.91	19.80	21.10
1.4	16QAM	6	0	19.83	19.83	19.82	21.10
1.4	64QAM	1	0	19.91	19.89	19.96	21.10
1.4	64QAM	1	3	19.77	19.94	19.84	21.10
1.4	64QAM	1	5	19.76	20.08	19.86	21.10
1.4	64QAM	3	0	19.98	19.87	19.83	21.10
1.4	64QAM	3	1	19.85	20.04	19.86	21.10
1.4	64QAM	3	3	20.01	20.03	19.84	21.10
1.4	64QAM	6	0	19.85	20.09	19.78	21.10
1.4	256QAM	1	0	17.95	18.13	17.92	19.00
1.4	256QAM	1	3	18.04	17.99	17.87	19.00
1.4	256QAM	1	5	17.92	18.02	17.96	19.00
1.4	256QAM	3	0	17.96	17.98	17.81	19.00
1.4	256QAM	3	1	17.99	18.06	17.80	19.00
1.4	256QAM	3	3	17.97	18.05	17.88	19.00
1.4	256QAM	6	0	18.02	18.20	18.01	19.00

【LTE Band 2_Ant 9_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	20.04	20.14	19.96	21.10
20	QPSK	1	49	19.99	20.07	19.86	21.10
20	QPSK	1	99	19.96	19.97	19.95	21.10
20	QPSK	50	0	19.98	20.10	20.05	21.10
20	QPSK	50	24	19.89	20.06	19.91	21.10
20	QPSK	50	50	20.02	20.08	19.94	21.10
20	QPSK	100	0	19.97	20.08	19.89	21.10
20	16QAM	1	0	20.01	20.07	19.77	21.10
20	16QAM	1	49	19.99	20.07	19.89	21.10
20	16QAM	1	99	19.82	20.09	19.79	21.10
20	16QAM	50	0	19.86	20.02	19.93	21.10
20	16QAM	50	24	19.98	20.12	19.97	21.10
20	16QAM	50	50	19.90	19.95	19.82	21.10
20	16QAM	100	0	19.91	19.96	19.87	21.10
20	64QAM	1	0	19.97	19.99	19.98	21.10
20	64QAM	1	49	19.91	20.03	19.90	21.10
20	64QAM	1	99	19.82	20.14	19.93	21.10
20	64QAM	50	0	20.04	20.02	19.84	21.10
20	64QAM	50	24	19.95	20.13	19.95	21.10
20	64QAM	50	50	20.06	20.14	19.86	21.10
20	64QAM	100	0	19.97	20.11	19.88	21.10
20	256QAM	1	0	18.04	18.15	18.06	19.00
20	256QAM	1	49	18.08	18.09	17.91	19.00
20	256QAM	1	99	18.06	18.13	18.01	19.00
20	256QAM	50	0	17.98	18.07	17.92	19.00
20	256QAM	50	24	18.02	18.09	17.92	19.00
20	256QAM	50	50	18.07	18.16	17.89	19.00
20	256QAM	100	0	18.12	18.21	18.07	19.00
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	18800	1902.5	
15	QPSK	1	0	19.91	20.03	19.90	21.10
15	QPSK	1	37	19.90	20.01	19.82	21.10
15	QPSK	1	74	19.92	19.94	19.94	21.10
15	QPSK	36	0	19.85	20.05	19.95	21.10
15	QPSK	36	20	19.85	19.96	19.80	21.10
15	QPSK	36	39	19.96	20.03	19.83	21.10
15	QPSK	75	0	19.83	19.95	19.79	21.10
15	16QAM	1	0	20.00	20.01	19.68	21.10
15	16QAM	1	37	19.88	20.04	19.79	21.10
15	16QAM	1	74	19.81	20.08	19.78	21.10
15	16QAM	36	0	19.85	19.91	19.85	21.10
15	16QAM	36	20	19.85	20.07	19.84	21.10
15	16QAM	36	39	19.80	19.82	19.81	21.10
15	16QAM	75	0	19.87	19.83	19.84	21.10
15	64QAM	1	0	19.91	19.86	19.90	21.10
15	64QAM	1	37	19.78	19.91	19.80	21.10
15	64QAM	1	74	19.76	20.09	19.83	21.10

15	64QAM	36	0	20.01	19.90	19.73	21.10
15	64QAM	36	20	19.83	20.03	19.86	21.10
15	64QAM	36	39	19.94	20.01	19.84	21.10
15	64QAM	75	0	19.89	20.08	19.85	21.10
15	256QAM	1	0	17.99	18.08	18.05	19.00
15	256QAM	1	37	17.94	18.07	17.88	19.00
15	256QAM	1	74	17.93	18.04	17.87	19.00
15	256QAM	36	0	17.92	17.99	17.91	19.00
15	256QAM	36	20	17.90	17.96	17.84	19.00
15	256QAM	36	39	18.04	18.02	17.75	19.00
15	256QAM	75	0	18.00	18.15	18.06	19.00
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	19.96	20.10	19.91	21.10
10	QPSK	1	25	19.86	19.94	19.85	21.10
10	QPSK	1	49	19.81	19.82	19.90	21.10
10	QPSK	25	0	19.88	19.99	19.97	21.10
10	QPSK	25	12	19.87	20.02	19.85	21.10
10	QPSK	25	25	19.93	20.02	19.80	21.10
10	QPSK	50	0	19.90	19.98	19.79	21.10
10	16QAM	1	0	19.92	19.94	19.68	21.10
10	16QAM	1	25	19.95	20.03	19.75	21.10
10	16QAM	1	49	19.73	20.06	19.72	21.10
10	16QAM	25	0	19.77	19.99	19.87	21.10
10	16QAM	25	12	19.88	20.09	19.90	21.10
10	16QAM	25	25	19.85	19.84	19.75	21.10
10	16QAM	50	0	19.88	19.90	19.84	21.10
10	64QAM	1	0	19.91	19.92	19.92	21.10
10	64QAM	1	25	19.80	19.96	19.86	21.10
10	64QAM	1	49	19.71	20.05	19.86	21.10
10	64QAM	25	0	19.93	19.91	19.74	21.10
10	64QAM	25	12	19.83	20.08	19.91	21.10
10	64QAM	25	25	20.03	20.06	19.75	21.10
10	64QAM	50	0	19.93	20.05	19.84	21.10
10	256QAM	1	0	18.02	18.01	17.96	19.00
10	256QAM	1	25	18.03	18.03	17.87	19.00
10	256QAM	1	49	18.03	18.08	17.95	19.00
10	256QAM	25	0	17.88	18.04	17.87	19.00
10	256QAM	25	12	17.88	18.03	17.84	19.00
10	256QAM	25	25	17.95	18.13	17.82	19.00
10	256QAM	50	0	17.99	18.14	17.93	19.00
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	19.99	20.05	19.86	21.10
5	QPSK	1	12	19.91	19.95	19.78	21.10
5	QPSK	1	24	19.88	19.93	19.83	21.10
5	QPSK	12	0	19.89	20.07	20.03	21.10
5	QPSK	12	7	19.84	20.01	19.76	21.10
5	QPSK	12	13	19.94	19.96	19.92	21.10
5	QPSK	25	0	19.83	20.02	19.75	21.10
5	16QAM	1	0	19.98	20.06	19.63	21.10
5	16QAM	1	12	19.85	19.93	19.79	21.10
5	16QAM	1	24	19.70	20.01	19.76	21.10
5	16QAM	12	0	19.81	19.88	19.86	21.10
5	16QAM	12	7	19.88	20.09	19.94	21.10
5	16QAM	12	13	19.85	19.83	19.72	21.10
5	16QAM	25	0	19.84	19.83	19.82	21.10
5	64QAM	1	0	19.93	19.94	19.91	21.10
5	64QAM	1	12	19.77	20.00	19.80	21.10
5	64QAM	1	24	19.74	19.99	19.85	21.10
5	64QAM	12	0	20.00	19.97	19.74	21.10
5	64QAM	12	7	19.81	20.09	19.87	21.10
5	64QAM	12	13	20.01	20.03	19.73	21.10
5	64QAM	25	0	19.91	20.07	19.76	21.10
5	256QAM	1	0	17.93	18.10	18.00	19.00
5	256QAM	1	12	17.94	18.02	17.89	19.00
5	256QAM	1	24	18.01	18.10	17.94	19.00
5	256QAM	12	0	17.95	18.05	17.80	19.00
5	256QAM	12	7	17.98	18.04	17.90	19.00
5	256QAM	12	13	18.06	18.09	17.87	19.00
5	256QAM	25	0	18.04	18.19	17.93	19.00
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	20.00	20.09	19.81	21.10
3	QPSK	1	8	19.93	20.05	19.81	21.10
3	QPSK	1	14	19.84	19.91	19.91	21.10
3	QPSK	8	0	19.87	20.02	20.00	21.10
3	QPSK	8	4	19.83	19.97	19.90	21.10

3	QPSK	8	7	19.98	20.01	19.85	21.10
3	QPSK	15	0	19.88	19.95	19.83	21.10
3	16QAM	1	0	20.00	19.92	19.65	21.10
3	16QAM	1	8	19.94	19.99	19.75	21.10
3	16QAM	1	14	19.72	19.97	19.68	21.10
3	16QAM	8	0	19.78	19.91	19.84	21.10
3	16QAM	8	4	19.96	20.00	19.88	21.10
3	16QAM	8	7	19.89	19.90	19.73	21.10
3	16QAM	15	0	19.76	19.84	19.78	21.10
3	64QAM	1	0	19.93	19.96	19.96	21.10
3	64QAM	1	8	19.89	19.94	19.79	21.10
3	64QAM	1	14	19.69	20.10	19.84	21.10
3	64QAM	8	0	19.95	19.95	19.69	21.10
3	64QAM	8	4	19.94	20.11	19.90	21.10
3	64QAM	8	7	19.95	20.00	19.79	21.10
3	64QAM	15	0	19.88	20.06	19.80	21.10
3	256QAM	1	0	17.97	18.05	17.92	19.00
3	256QAM	1	8	18.06	18.06	17.87	19.00
3	256QAM	1	14	17.96	18.03	17.94	19.00
3	256QAM	8	0	17.89	18.00	17.85	19.00
3	256QAM	8	4	17.97	17.98	17.82	19.00
3	256QAM	8	7	17.97	18.11	17.83	19.00
3	256QAM	15	0	17.98	18.16	18.03	19.00
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	20.01	20.09	19.86	21.10
1.4	QPSK	1	3	19.85	20.05	19.85	21.10
1.4	QPSK	1	5	19.90	19.83	19.91	21.10
1.4	QPSK	3	0	19.86	19.99	19.98	21.10
1.4	QPSK	3	1	19.83	20.03	19.82	21.10
1.4	QPSK	3	3	20.01	19.96	19.92	21.10
1.4	QPSK	6	0	19.91	20.07	19.88	21.10
1.4	16QAM	1	0	19.94	20.03	19.66	21.10
1.4	16QAM	1	3	19.92	19.98	19.81	21.10
1.4	16QAM	1	5	19.69	20.01	19.72	21.10
1.4	16QAM	3	0	19.84	19.92	19.78	21.10
1.4	16QAM	3	1	19.91	20.01	19.88	21.10
1.4	16QAM	3	3	19.79	19.91	19.80	21.10
1.4	16QAM	6	0	19.83	19.83	19.82	21.10
1.4	64QAM	1	0	19.91	19.89	19.96	21.10
1.4	64QAM	1	3	19.77	19.94	19.84	21.10
1.4	64QAM	1	5	19.76	20.08	19.86	21.10
1.4	64QAM	3	0	19.98	19.87	19.83	21.10
1.4	64QAM	3	1	19.85	20.04	19.86	21.10
1.4	64QAM	3	3	20.01	20.03	19.84	21.10
1.4	64QAM	6	0	19.85	20.09	19.78	21.10
1.4	256QAM	1	0	17.95	18.13	17.92	19.00
1.4	256QAM	1	3	18.04	17.99	17.87	19.00
1.4	256QAM	1	5	17.92	18.02	17.96	19.00
1.4	256QAM	3	0	17.96	17.98	17.81	19.00
1.4	256QAM	3	1	17.99	18.06	17.80	19.00
1.4	256QAM	3	3	17.97	18.05	17.88	19.00
1.4	256QAM	6	0	18.02	18.20	18.01	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	15.48	15.55	15.43	16.60
20	QPSK	1	49	15.40	15.44	15.35	16.60
20	QPSK	1	99	15.42	15.37	15.37	16.60
20	QPSK	50	0	15.45	15.48	15.41	16.60
20	QPSK	50	24	15.32	15.44	15.26	16.60
20	QPSK	50	50	15.37	15.43	15.41	16.60
20	QPSK	100	0	15.34	15.46	15.40	16.60
20	16QAM	1	0	15.45	15.50	15.29	16.60
20	16QAM	1	49	15.50	15.57	15.23	16.60
20	16QAM	1	99	15.44	15.44	15.42	16.60
20	16QAM	50	0	15.28	15.48	15.40	16.60
20	16QAM	50	24	15.48	15.56	15.25	16.60
20	16QAM	50	50	15.48	15.46	15.34	16.60

20	16QAM	100	0	15.37	15.38	15.34	16.60
20	64QAM	1	0	15.46	15.46	15.22	16.60
20	64QAM	1	49	15.34	15.36	15.23	16.60
20	64QAM	1	99	15.46	15.52	15.43	16.60
20	64QAM	50	0	15.27	15.56	15.34	16.60
20	64QAM	50	24	15.44	15.56	15.25	16.60
20	64QAM	50	50	15.29	15.39	15.22	16.60
20	64QAM	100	0	15.28	15.39	15.25	16.60
20	256QAM	1	0	15.45	15.52	15.32	16.60
20	256QAM	1	49	15.37	15.34	15.25	16.60
20	256QAM	1	99	15.50	15.42	15.24	16.60
20	256QAM	50	0	15.45	15.51	15.42	16.60
20	256QAM	50	24	15.28	15.37	15.40	16.60
20	256QAM	50	50	15.39	15.42	15.36	16.60
20	256QAM	100	0	15.29	15.45	15.30	16.60
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	15.40	15.48	15.40	16.60
15	QPSK	1	37	15.29	15.39	15.27	16.60
15	QPSK	1	74	15.36	15.23	15.25	16.60
15	QPSK	36	0	15.30	15.40	15.30	16.60
15	QPSK	36	20	15.17	15.33	15.20	16.60
15	QPSK	36	39	15.23	15.35	15.36	16.60
15	QPSK	75	0	15.22	15.41	15.36	16.60
15	16QAM	1	0	15.31	15.45	15.26	16.60
15	16QAM	1	37	15.39	15.42	15.09	16.60
15	16QAM	1	74	15.32	15.40	15.41	16.60
15	16QAM	36	0	15.16	15.39	15.30	16.60
15	16QAM	36	20	15.35	15.54	15.21	16.60
15	16QAM	36	39	15.43	15.39	15.29	16.60
15	16QAM	75	0	15.30	15.35	15.33	16.60
15	64QAM	1	0	15.40	15.33	15.16	16.60
15	64QAM	1	37	15.30	15.23	15.15	16.60
15	64QAM	1	74	15.36	15.40	15.28	16.60
15	64QAM	36	0	15.16	15.52	15.32	16.60
15	64QAM	36	20	15.30	15.55	15.15	16.60
15	64QAM	36	39	15.19	15.27	15.16	16.60
15	64QAM	75	0	15.21	15.34	15.16	16.60
15	256QAM	1	0	15.44	15.50	15.25	16.60
15	256QAM	1	37	15.24	15.31	15.21	16.60
15	256QAM	1	74	15.41	15.32	15.19	16.60
15	256QAM	36	0	15.43	15.50	15.34	16.60
15	256QAM	36	20	15.23	15.26	15.33	16.60
15	256QAM	36	39	15.32	15.39	15.26	16.60
15	256QAM	75	0	15.23	15.41	15.18	16.60
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	15.44	15.46	15.41	16.60
10	QPSK	1	25	15.33	15.41	15.33	16.60
10	QPSK	1	49	15.37	15.24	15.25	16.60
10	QPSK	25	0	15.44	15.42	15.32	16.60
10	QPSK	25	12	15.25	15.34	15.20	16.60
10	QPSK	25	25	15.23	15.38	15.28	16.60
10	QPSK	50	0	15.29	15.40	15.27	16.60
10	16QAM	1	0	15.33	15.49	15.20	16.60
10	16QAM	1	25	15.42	15.48	15.17	16.60
10	16QAM	1	49	15.34	15.36	15.33	16.60
10	16QAM	25	0	15.16	15.34	15.25	16.60
10	16QAM	25	12	15.42	15.55	15.17	16.60
10	16QAM	25	25	15.33	15.42	15.24	16.60
10	16QAM	50	0	15.27	15.33	15.25	16.60
10	64QAM	1	0	15.34	15.35	15.13	16.60
10	64QAM	1	25	15.24	15.31	15.17	16.60
10	64QAM	1	49	15.34	15.39	15.34	16.60
10	64QAM	25	0	15.14	15.48	15.29	16.60
10	64QAM	25	12	15.31	15.45	15.22	16.60
10	64QAM	25	25	15.23	15.33	15.20	16.60
10	64QAM	50	0	15.21	15.31	15.15	16.60
10	256QAM	1	0	15.31	15.37	15.22	16.60
10	256QAM	1	25	15.25	15.28	15.23	16.60
10	256QAM	1	49	15.45	15.38	15.09	16.60
10	256QAM	25	0	15.38	15.49	15.35	16.60
10	256QAM	25	12	15.15	15.34	15.39	16.60
10	256QAM	25	25	15.24	15.27	15.32	16.60
10	256QAM	50	0	15.15	15.37	15.28	16.60
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	15.45	15.51	15.35	16.60

5	QPSK	1	12	15.36	15.38	15.32	16.60
5	QPSK	1	24	15.35	15.32	15.34	16.60
5	QPSK	12	0	15.39	15.45	15.29	16.60
5	QPSK	12	7	15.22	15.30	15.19	16.60
5	QPSK	12	13	15.22	15.36	15.39	16.60
5	QPSK	25	0	15.19	15.36	15.39	16.60
5	16QAM	1	0	15.39	15.42	15.21	16.60
5	16QAM	1	12	15.48	15.46	15.13	16.60
5	16QAM	1	24	15.34	15.34	15.33	16.60
5	16QAM	12	0	15.15	15.45	15.25	16.60
5	16QAM	12	7	15.33	15.53	15.17	16.60
5	16QAM	12	13	15.37	15.44	15.23	16.60
5	16QAM	25	0	15.29	15.35	15.22	16.60
5	64QAM	1	0	15.42	15.33	15.14	16.60
5	64QAM	1	12	15.20	15.27	15.14	16.60
5	64QAM	1	24	15.42	15.44	15.41	16.60
5	64QAM	12	0	15.18	15.47	15.29	16.60
5	64QAM	12	7	15.41	15.49	15.21	16.60
5	64QAM	12	13	15.28	15.24	15.10	16.60
5	64QAM	25	0	15.16	15.25	15.22	16.60
5	256QAM	1	0	15.43	15.48	15.29	16.60
5	256QAM	1	12	15.34	15.23	15.19	16.60
5	256QAM	1	24	15.36	15.31	15.13	16.60
5	256QAM	12	0	15.37	15.48	15.36	16.60
5	256QAM	12	7	15.16	15.36	15.33	16.60
5	256QAM	12	13	15.30	15.28	15.28	16.60
5	256QAM	25	0	15.16	15.36	15.24	16.60
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	15.41	15.51	15.32	16.60
3	QPSK	1	8	15.27	15.39	15.28	16.60
3	QPSK	1	14	15.34	15.23	15.27	16.60
3	QPSK	8	0	15.30	15.37	15.32	16.60
3	QPSK	8	4	15.30	15.33	15.17	16.60
3	QPSK	8	7	15.25	15.39	15.31	16.60
3	QPSK	15	0	15.31	15.34	15.30	16.60
3	16QAM	1	0	15.34	15.42	15.21	16.60
3	16QAM	1	8	15.37	15.56	15.11	16.60
3	16QAM	1	14	15.36	15.37	15.30	16.60
3	16QAM	8	0	15.16	15.39	15.37	16.60
3	16QAM	8	4	15.44	15.42	15.14	16.60
3	16QAM	8	7	15.36	15.40	15.33	16.60
3	16QAM	15	0	15.22	15.25	15.20	16.60
3	64QAM	1	0	15.40	15.43	15.21	16.60
3	64QAM	1	8	15.27	15.30	15.12	16.60
3	64QAM	1	14	15.35	15.44	15.39	16.60
3	64QAM	8	0	15.16	15.45	15.20	16.60
3	64QAM	8	4	15.32	15.41	15.21	16.60
3	64QAM	8	7	15.25	15.27	15.08	16.60
3	64QAM	15	0	15.17	15.36	15.12	16.60
3	256QAM	1	0	15.41	15.42	15.25	16.60
3	256QAM	1	8	15.23	15.23	15.15	16.60
3	256QAM	1	14	15.47	15.33	15.19	16.60
3	256QAM	8	0	15.35	15.40	15.40	16.60
3	256QAM	8	4	15.16	15.27	15.28	16.60
3	256QAM	8	7	15.30	15.28	15.27	16.60
3	256QAM	15	0	15.20	15.39	15.26	16.60
Channel				18607	18900	19193	Tune-up limit
Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	15.44	15.53	15.34	16.60
1.4	QPSK	1	3	15.37	15.29	15.21	16.60
1.4	QPSK	1	5	15.38	15.35	15.25	16.60
1.4	QPSK	3	0	15.32	15.40	15.30	16.60
1.4	QPSK	3	1	15.28	15.40	15.18	16.60
1.4	QPSK	3	3	15.29	15.33	15.31	16.60
1.4	QPSK	6	0	15.31	15.32	15.33	16.60
1.4	16QAM	1	0	15.31	15.45	15.26	16.60
1.4	16QAM	1	3	15.38	15.44	15.16	16.60
1.4	16QAM	1	5	15.30	15.33	15.37	16.60
1.4	16QAM	3	0	15.16	15.40	15.34	16.60
1.4	16QAM	3	1	15.36	15.41	15.20	16.60
1.4	16QAM	3	3	15.34	15.33	15.21	16.60
1.4	16QAM	6	0	15.34	15.26	15.22	16.60
1.4	64QAM	1	0	15.32	15.33	15.08	16.60
1.4	64QAM	1	3	15.26	15.27	15.14	16.60
1.4	64QAM	1	5	15.32	15.48	15.34	16.60
1.4	64QAM	3	0	15.13	15.43	15.28	16.60
1.4	64QAM	3	1	15.31	15.54	15.15	16.60

1.4	64QAM	3	3	15.25	15.26	15.09	16.60
1.4	64QAM	6	0	15.14	15.35	15.17	16.60
1.4	256QAM	1	0	15.35	15.43	15.27	16.60
1.4	256QAM	1	3	15.35	15.27	15.13	16.60
1.4	256QAM	1	5	15.48	15.40	15.19	16.60
1.4	256QAM	3	0	15.42	15.42	15.34	16.60
1.4	256QAM	3	1	15.14	15.23	15.28	16.60
1.4	256QAM	3	3	15.35	15.36	15.26	16.60
1.4	256QAM	6	0	15.19	15.39	15.26	16.60

【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	22.59	22.66	22.61	24.00
20	QPSK	1	49	22.27	22.39	22.21	24.00
20	QPSK	1	99	22.40	22.60	22.53	24.00
20	QPSK	50	0	21.48	21.57	21.47	23.00
20	QPSK	50	24	21.41	21.54	21.39	23.00
20	QPSK	50	50	21.42	21.56	21.45	23.00
20	QPSK	100	0	21.39	21.57	21.43	23.00
20	16QAM	1	0	21.40	21.58	21.42	23.00
20	16QAM	1	49	21.28	21.48	21.38	23.00
20	16QAM	1	99	21.62	21.81	21.71	23.00
20	16QAM	50	0	20.44	20.55	20.39	22.00
20	16QAM	50	24	20.36	20.51	20.42	22.00
20	16QAM	50	50	20.38	20.56	20.44	22.00
20	16QAM	100	0	20.26	20.47	20.29	22.00
20	64QAM	1	0	20.34	20.51	20.32	22.00
20	64QAM	1	49	20.38	20.55	20.36	22.00
20	64QAM	1	99	20.61	20.76	20.60	22.00
20	64QAM	50	0	19.38	19.55	19.36	21.00
20	64QAM	50	24	19.47	19.54	19.41	21.00
20	64QAM	50	50	19.50	19.62	19.55	21.00
20	64QAM	100	0	19.42	19.49	19.32	21.00
20	256QAM	1	0	17.31	17.41	17.32	19.00
20	256QAM	1	49	17.65	17.74	17.67	19.00
20	256QAM	1	99	17.70	17.78	17.69	19.00
20	256QAM	50	0	17.35	17.49	17.43	19.00
20	256QAM	50	24	17.39	17.48	17.38	19.00
20	256QAM	50	50	17.35	17.53	17.46	19.00
20	256QAM	100	0	17.43	17.52	17.40	19.00
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	22.48	22.61	22.53	24.00
15	QPSK	1	37	22.20	22.28	22.17	24.00
15	QPSK	1	74	22.30	22.55	22.49	24.00
15	QPSK	36	0	21.46	21.55	21.37	23.00
15	QPSK	36	20	21.36	21.41	21.28	23.00
15	QPSK	36	39	21.29	21.52	21.44	23.00
15	QPSK	75	0	21.35	21.45	21.35	23.00
15	16QAM	1	0	21.34	21.52	21.27	23.00
15	16QAM	1	37	21.23	21.46	21.30	23.00
15	16QAM	1	74	21.60	21.77	21.69	23.00
15	16QAM	36	0	20.33	20.43	20.28	22.00
15	16QAM	36	20	20.26	20.43	20.37	22.00
15	16QAM	36	39	20.28	20.50	20.35	22.00
15	16QAM	75	0	20.22	20.36	20.20	22.00
15	64QAM	1	0	20.25	20.48	20.22	22.00
15	64QAM	1	37	20.33	20.45	20.22	22.00
15	64QAM	1	74	20.48	20.68	20.50	22.00
15	64QAM	36	0	19.28	19.52	19.35	21.00
15	64QAM	36	20	19.34	19.45	19.27	21.00
15	64QAM	36	39	19.42	19.54	19.48	21.00
15	64QAM	75	0	19.27	19.39	19.21	21.00
15	256QAM	1	0	17.18	17.27	17.30	19.00
15	256QAM	1	37	17.62	17.67	17.55	19.00
15	256QAM	1	74	17.66	17.76	17.66	19.00
15	256QAM	36	0	17.28	17.34	17.39	19.00
15	256QAM	36	20	17.28	17.39	17.36	19.00
15	256QAM	36	39	17.33	17.41	17.33	19.00

15	256QAM	75	0	17.29	17.43	17.37	19.00
Channel				20000	20175	20350	Tune-up limit
Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	22.52	22.57	22.53	24.00
10	QPSK	1	25	22.23	22.32	22.08	24.00
10	QPSK	1	49	22.32	22.51	22.52	24.00
10	QPSK	25	0	21.43	21.48	21.41	23.00
10	QPSK	25	12	21.38	21.44	21.31	23.00
10	QPSK	25	25	21.30	21.41	21.36	23.00
10	QPSK	50	0	21.38	21.54	21.34	23.00
10	16QAM	1	0	21.33	21.49	21.37	23.00
10	16QAM	1	25	21.23	21.45	21.31	23.00
10	16QAM	1	49	21.56	21.69	21.66	23.00
10	16QAM	25	0	20.33	20.41	20.27	22.00
10	16QAM	25	12	20.23	20.42	20.34	22.00
10	16QAM	25	25	20.27	20.54	20.41	22.00
10	16QAM	50	0	20.18	20.40	20.24	22.00
10	64QAM	1	0	20.27	20.39	20.26	22.00
10	64QAM	1	25	20.25	20.54	20.34	22.00
10	64QAM	1	49	20.56	20.61	20.57	22.00
10	64QAM	25	0	19.24	19.45	19.32	21.00
10	64QAM	25	12	19.36	19.47	19.37	21.00
10	64QAM	25	25	19.38	19.54	19.54	21.00
10	64QAM	50	0	19.36	19.35	19.31	21.00
10	256QAM	1	0	17.23	17.31	17.28	19.00
10	256QAM	1	25	17.63	17.68	17.58	19.00
10	256QAM	1	49	17.57	17.66	17.57	19.00
10	256QAM	25	0	17.22	17.45	17.38	19.00
10	256QAM	25	12	17.33	17.41	17.24	19.00
10	256QAM	25	25	17.31	17.41	17.34	19.00
10	256QAM	50	0	17.41	17.43	17.25	19.00
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	22.47	22.59	22.56	24.00
5	QPSK	1	12	22.18	22.29	22.11	24.00
5	QPSK	1	24	22.35	22.46	22.51	24.00
5	QPSK	12	0	21.37	21.54	21.37	23.00
5	QPSK	12	7	21.27	21.50	21.25	23.00
5	QPSK	12	13	21.29	21.42	21.31	23.00
5	QPSK	25	0	21.35	21.53	21.32	23.00
5	16QAM	1	0	21.28	21.47	21.36	23.00
5	16QAM	1	12	21.25	21.41	21.29	23.00
5	16QAM	1	24	21.58	21.70	21.64	23.00
5	16QAM	12	0	20.31	20.41	20.28	22.00
5	16QAM	12	7	20.31	20.38	20.35	22.00
5	16QAM	12	13	20.33	20.50	20.43	22.00
5	16QAM	25	0	20.23	20.38	20.16	22.00
5	64QAM	1	0	20.20	20.48	20.25	22.00
5	64QAM	1	12	20.25	20.53	20.27	22.00
5	64QAM	1	24	20.55	20.73	20.50	22.00
5	64QAM	12	0	19.28	19.50	19.22	21.00
5	64QAM	12	7	19.34	19.43	19.34	21.00
5	64QAM	12	13	19.37	19.54	19.54	21.00
5	64QAM	25	0	19.33	19.36	19.29	21.00
5	256QAM	1	0	17.25	17.36	17.29	19.00
5	256QAM	1	12	17.56	17.72	17.62	19.00
5	256QAM	1	24	17.68	17.66	17.59	19.00
5	256QAM	12	0	17.21	17.37	17.39	19.00
5	256QAM	12	7	17.25	17.43	17.36	19.00
5	256QAM	12	13	17.30	17.40	17.38	19.00
5	256QAM	25	0	17.30	17.47	17.30	19.00
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	22.45	22.57	22.55	24.00
3	QPSK	1	8	22.23	22.32	22.10	24.00
3	QPSK	1	14	22.39	22.46	22.45	24.00
3	QPSK	8	0	21.37	21.52	21.31	23.00
3	QPSK	8	4	21.31	21.52	21.36	23.00
3	QPSK	8	7	21.34	21.48	21.43	23.00
3	QPSK	15	0	21.36	21.54	21.38	23.00
3	16QAM	1	0	21.38	21.54	21.33	23.00
3	16QAM	1	8	21.18	21.46	21.24	23.00
3	16QAM	1	14	21.49	21.78	21.57	23.00
3	16QAM	8	0	20.41	20.53	20.25	22.00
3	16QAM	8	4	20.32	20.44	20.35	22.00
3	16QAM	8	7	20.29	20.55	20.42	22.00
3	16QAM	15	0	20.20	20.41	20.17	22.00
3	64QAM	1	0	20.25	20.38	20.18	22.00

3	64QAM	1	8	20.33	20.43	20.29	22.00
3	64QAM	1	14	20.48	20.73	20.48	22.00
3	64QAM	8	0	19.24	19.49	19.23	21.00
3	64QAM	8	4	19.40	19.44	19.28	21.00
3	64QAM	8	7	19.42	19.51	19.48	21.00
3	64QAM	15	0	19.38	19.48	19.21	21.00
3	256QAM	1	0	17.25	17.27	17.28	19.00
3	256QAM	1	8	17.59	17.69	17.64	19.00
3	256QAM	1	14	17.64	17.72	17.63	19.00
3	256QAM	8	0	17.23	17.42	17.31	19.00
3	256QAM	8	4	17.27	17.35	17.26	19.00
3	256QAM	8	7	17.23	17.40	17.35	19.00
3	256QAM	15	0	17.32	17.50	17.39	19.00
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	22.58	22.61	22.47	24.00
1.4	QPSK	1	3	22.25	22.25	22.07	24.00
1.4	QPSK	1	5	22.39	22.46	22.47	24.00
1.4	QPSK	3	0	22.38	22.53	22.40	24.00
1.4	QPSK	3	1	22.27	22.51	22.26	24.00
1.4	QPSK	3	3	22.30	22.43	22.32	24.00
1.4	QPSK	6	0	21.37	21.44	21.39	23.00
1.4	16QAM	1	0	21.36	21.45	21.38	23.00
1.4	16QAM	1	3	21.22	21.39	21.27	23.00
1.4	16QAM	1	5	21.61	21.80	21.59	23.00
1.4	16QAM	3	0	21.36	21.44	21.25	23.00
1.4	16QAM	3	1	21.28	21.48	21.31	23.00
1.4	16QAM	3	3	21.24	21.53	21.40	23.00
1.4	16QAM	6	0	20.17	20.42	20.27	22.00
1.4	64QAM	1	0	20.22	20.40	20.27	22.00
1.4	64QAM	1	3	20.28	20.49	20.30	22.00
1.4	64QAM	1	5	20.56	20.68	20.58	22.00
1.4	64QAM	3	0	20.28	20.43	20.31	22.00
1.4	64QAM	3	1	20.38	20.49	20.29	22.00
1.4	64QAM	3	3	20.36	20.59	20.52	22.00
1.4	64QAM	6	0	19.29	19.41	19.23	21.00
1.4	256QAM	1	0	17.22	17.35	17.22	19.00
1.4	256QAM	1	3	17.58	17.67	17.54	19.00
1.4	256QAM	1	5	17.65	17.75	17.55	19.00
1.4	256QAM	3	0	17.30	17.48	17.30	19.00
1.4	256QAM	3	1	17.33	17.37	17.35	19.00
1.4	256QAM	3	3	17.21	17.50	17.31	19.00
1.4	256QAM	6	0	17.38	17.42	17.36	19.00

【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	17.39	17.40	17.36	18.40
20	QPSK	1	49	17.21	17.32	17.20	18.40
20	QPSK	1	99	17.20	17.39	17.30	18.40
20	QPSK	50	0	17.32	17.35	17.34	18.40
20	QPSK	50	24	17.18	17.30	17.17	18.40
20	QPSK	50	50	17.20	17.29	17.22	18.40
20	QPSK	100	0	17.19	17.33	17.28	18.40
20	16QAM	1	0	17.25	17.22	17.29	18.40
20	16QAM	1	49	17.35	17.24	17.27	18.40
20	16QAM	1	99	17.37	17.33	17.22	18.40
20	16QAM	50	0	17.26	17.22	17.34	18.40
20	16QAM	50	24	17.30	17.31	17.21	18.40
20	16QAM	50	50	17.25	17.32	17.23	18.40
20	16QAM	100	0	17.40	17.20	17.35	18.40
20	64QAM	1	0	17.34	17.36	17.22	18.40
20	64QAM	1	49	17.28	17.19	17.25	18.40
20	64QAM	1	99	17.37	17.19	17.18	18.40
20	64QAM	50	0	17.38	17.26	17.31	18.40
20	64QAM	50	24	17.41	17.33	17.35	18.40
20	64QAM	50	50	17.38	17.38	17.29	18.40
20	64QAM	100	0	17.26	17.20	17.26	18.40
20	256QAM	1	0	17.21	17.30	17.34	18.40
20	256QAM	1	49	17.35	17.42	17.34	18.40

20	256QAM	1	99	17.32	17.21	17.34	18.40
20	256QAM	50	0	17.36	17.37	17.35	18.40
20	256QAM	50	24	17.25	17.30	17.24	18.40
20	256QAM	50	50	17.38	17.26	17.24	18.40
20	256QAM	100	0	17.37	17.41	17.15	18.40
Channel				20025	20175	20325	Tune-up limit
Frequency (MHz)				1717.5	1732.5	1747.5	(dBm)
15	QPSK	1	0	17.29	17.36	17.23	18.40
15	QPSK	1	37	17.16	17.29	17.06	18.40
15	QPSK	1	74	17.18	17.29	17.28	18.40
15	QPSK	36	0	17.26	17.24	17.23	18.40
15	QPSK	36	20	17.11	17.17	17.14	18.40
15	QPSK	36	39	17.06	17.18	17.14	18.40
15	QPSK	75	0	17.16	17.21	17.19	18.40
15	16QAM	1	0	17.14	17.16	17.26	18.40
15	16QAM	1	37	17.24	17.13	17.13	18.40
15	16QAM	1	74	17.33	17.31	17.12	18.40
15	16QAM	36	0	17.18	17.14	17.27	18.40
15	16QAM	36	20	17.26	17.19	17.09	18.40
15	16QAM	36	39	17.17	17.28	17.20	18.40
15	16QAM	75	0	17.27	17.15	17.22	18.40
15	64QAM	1	0	17.31	17.27	17.11	18.40
15	64QAM	1	37	17.16	17.17	17.22	18.40
15	64QAM	1	74	17.30	17.10	17.07	18.40
15	64QAM	36	0	17.28	17.18	17.24	18.40
15	64QAM	36	20	17.32	17.23	17.26	18.40
15	64QAM	36	39	17.34	17.36	17.15	18.40
15	64QAM	75	0	17.25	17.07	17.12	18.40
15	256QAM	1	0	17.11	17.15	17.31	18.40
15	256QAM	1	37	17.25	17.39	17.33	18.40
15	256QAM	1	74	17.23	17.16	17.29	18.40
15	256QAM	36	0	17.25	17.34	17.26	18.40
15	256QAM	36	20	17.11	17.24	17.15	18.40
15	256QAM	36	39	17.34	17.15	17.18	18.40
15	256QAM	75	0	17.26	17.36	17.06	18.40
Channel				20000	20175	20350	Tune-up limit
Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	17.34	17.37	17.28	18.40
10	QPSK	1	25	17.07	17.31	17.09	18.40
10	QPSK	1	49	17.11	17.31	17.16	18.40
10	QPSK	25	0	17.21	17.25	17.20	18.40
10	QPSK	25	12	17.09	17.24	17.13	18.40
10	QPSK	25	25	17.07	17.20	17.20	18.40
10	QPSK	50	0	17.13	17.19	17.22	18.40
10	16QAM	1	0	17.20	17.20	17.20	18.40
10	16QAM	1	25	17.29	17.17	17.14	18.40
10	16QAM	1	49	17.23	17.20	17.10	18.40
10	16QAM	25	0	17.25	17.14	17.21	18.40
10	16QAM	25	12	17.18	17.28	17.17	18.40
10	16QAM	25	25	17.16	17.28	17.19	18.40
10	16QAM	50	0	17.28	17.18	17.26	18.40
10	64QAM	1	0	17.27	17.27	17.17	18.40
10	64QAM	1	25	17.13	17.08	17.19	18.40
10	64QAM	1	49	17.35	17.15	17.15	18.40
10	64QAM	25	0	17.32	17.18	17.19	18.40
10	64QAM	25	12	17.27	17.32	17.30	18.40
10	64QAM	25	25	17.25	17.27	17.24	18.40
10	64QAM	50	0	17.19	17.15	17.15	18.40
10	256QAM	1	0	17.09	17.18	17.26	18.40
10	256QAM	1	25	17.30	17.40	17.22	18.40
10	256QAM	1	49	17.18	17.18	17.20	18.40
10	256QAM	25	0	17.35	17.35	17.25	18.40
10	256QAM	25	12	17.23	17.28	17.23	18.40
10	256QAM	25	25	17.26	17.12	17.10	18.40
10	256QAM	50	0	17.35	17.39	17.13	18.40
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	17.25	17.33	17.30	18.40
5	QPSK	1	12	17.10	17.20	17.05	18.40
5	QPSK	1	24	17.12	17.33	17.25	18.40
5	QPSK	12	0	17.28	17.29	17.30	18.40
5	QPSK	12	7	17.14	17.26	17.15	18.40
5	QPSK	12	13	17.17	17.15	17.16	18.40
5	QPSK	25	0	17.10	17.21	17.20	18.40
5	16QAM	1	0	17.14	17.20	17.24	18.40
5	16QAM	1	12	17.23	17.13	17.15	18.40
5	16QAM	1	24	17.24	17.30	17.20	18.40
5	16QAM	12	0	17.15	17.16	17.31	18.40

5	16QAM	12	7	17.28	17.28	17.06	18.40
5	16QAM	12	13	17.12	17.19	17.08	18.40
5	16QAM	25	0	17.33	17.16	17.25	18.40
5	64QAM	1	0	17.21	17.24	17.14	18.40
5	64QAM	1	12	17.21	17.09	17.12	18.40
5	64QAM	1	24	17.28	17.04	17.08	18.40
5	64QAM	12	0	17.32	17.25	17.29	18.40
5	64QAM	12	7	17.28	17.24	17.26	18.40
5	64QAM	12	13	17.24	17.27	17.15	18.40
5	64QAM	25	0	17.17	17.14	17.12	18.40
5	256QAM	1	0	17.17	17.21	17.27	18.40
5	256QAM	1	12	17.31	17.32	17.23	18.40
5	256QAM	1	24	17.23	17.17	17.29	18.40
5	256QAM	12	0	17.24	17.25	17.21	18.40
5	256QAM	12	7	17.11	17.22	17.23	18.40
5	256QAM	12	13	17.35	17.18	17.15	18.40
5	256QAM	25	0	17.24	17.40	17.03	18.40
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	17.29	17.25	17.33	18.40
3	QPSK	1	8	17.16	17.30	17.17	18.40
3	QPSK	1	14	17.16	17.29	17.21	18.40
3	QPSK	8	0	17.17	17.21	17.22	18.40
3	QPSK	8	4	17.14	17.24	17.07	18.40
3	QPSK	8	7	17.05	17.14	17.11	18.40
3	QPSK	15	0	17.12	17.31	17.16	18.40
3	16QAM	1	0	17.23	17.17	17.15	18.40
3	16QAM	1	8	17.28	17.19	17.19	18.40
3	16QAM	1	14	17.33	17.25	17.16	18.40
3	16QAM	8	0	17.19	17.18	17.27	18.40
3	16QAM	8	4	17.28	17.17	17.13	18.40
3	16QAM	8	7	17.13	17.28	17.11	18.40
3	16QAM	15	0	17.26	17.08	17.23	18.40
3	64QAM	1	0	17.32	17.23	17.20	18.40
3	64QAM	1	8	17.23	17.15	17.18	18.40
3	64QAM	1	14	17.32	17.09	17.16	18.40
3	64QAM	8	0	17.24	17.15	17.27	18.40
3	64QAM	8	4	17.32	17.25	17.33	18.40
3	64QAM	8	7	17.27	17.26	17.14	18.40
3	64QAM	15	0	17.16	17.13	17.24	18.40
3	256QAM	1	0	17.10	17.24	17.31	18.40
3	256QAM	1	8	17.25	17.29	17.23	18.40
3	256QAM	1	14	17.24	17.07	17.25	18.40
3	256QAM	8	0	17.32	17.34	17.23	18.40
3	256QAM	8	4	17.14	17.19	17.09	18.40
3	256QAM	8	7	17.23	17.15	17.13	18.40
3	256QAM	15	0	17.34	17.30	17.10	18.40
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	17.30	17.29	17.26	18.40
1.4	QPSK	1	3	17.16	17.27	17.11	18.40
1.4	QPSK	1	5	17.13	17.30	17.28	18.40
1.4	QPSK	3	0	17.19	17.33	17.26	18.40
1.4	QPSK	3	1	17.13	17.22	17.16	18.40
1.4	QPSK	3	3	17.18	17.18	17.16	18.40
1.4	QPSK	6	0	16.13	16.25	16.26	17.40
1.4	16QAM	1	0	17.16	17.10	17.16	18.40
1.4	16QAM	1	3	17.27	17.13	17.14	18.40
1.4	16QAM	1	5	17.27	17.31	17.12	18.40
1.4	16QAM	3	0	17.14	17.11	17.23	18.40
1.4	16QAM	3	1	17.16	17.19	17.12	18.40
1.4	16QAM	3	3	17.21	17.25	17.19	18.40
1.4	16QAM	6	0	17.28	17.07	17.34	18.40
1.4	64QAM	1	0	17.28	17.35	17.09	18.40
1.4	64QAM	1	3	17.16	17.16	17.20	18.40
1.4	64QAM	1	5	17.22	17.16	17.10	18.40
1.4	64QAM	3	0	17.28	17.18	17.21	18.40
1.4	64QAM	3	1	17.36	17.20	17.26	18.40
1.4	64QAM	3	3	17.23	17.30	17.18	18.40
1.4	64QAM	6	0	17.19	17.05	17.23	18.40
1.4	256QAM	1	0	17.09	17.24	17.28	18.40
1.4	256QAM	1	3	17.25	17.30	17.32	18.40
1.4	256QAM	1	5	17.18	17.09	17.20	18.40
1.4	256QAM	3	0	17.34	17.36	17.27	18.40
1.4	256QAM	3	1	17.11	17.18	17.11	18.40
1.4	256QAM	3	3	17.37	17.17	17.17	18.40
1.4	256QAM	6	0	17.26	17.34	17.09	18.40

【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	18.00
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	16.92	17.05	16.90	18.00
20	QPSK	1	49	16.70	16.97	16.87	18.00
20	QPSK	1	99	16.73	16.84	16.77	18.00
20	QPSK	50	0	16.93	17.03	16.83	18.00
20	QPSK	50	24	16.92	16.97	16.68	18.00
20	QPSK	50	50	16.90	16.85	16.82	18.00
20	QPSK	100	0	16.79	16.91	16.90	18.00
20	16QAM	1	0	16.90	16.85	16.88	18.00
20	16QAM	1	49	16.89	16.90	16.76	18.00
20	16QAM	1	99	16.76	17.02	16.76	18.00
20	16QAM	50	0	16.87	16.93	16.69	18.00
20	16QAM	50	24	16.93	16.82	16.73	18.00
20	16QAM	50	50	16.77	17.00	16.77	18.00
20	16QAM	100	0	16.89	16.89	16.80	18.00
20	64QAM	1	0	16.71	16.90	16.79	18.00
20	64QAM	1	49	16.75	16.99	16.86	18.00
20	64QAM	1	99	16.89	17.00	16.77	18.00
20	64QAM	50	0	16.87	16.81	16.71	18.00
20	64QAM	50	24	16.73	16.80	16.82	18.00
20	64QAM	50	50	16.85	16.99	16.74	18.00
20	64QAM	100	0	16.93	16.89	16.86	18.00
20	256QAM	1	0	16.82	16.79	16.73	18.00
20	256QAM	1	49	16.75	16.87	16.85	18.00
20	256QAM	1	99	16.76	16.82	16.87	18.00
20	256QAM	50	0	16.82	16.91	16.70	18.00
20	256QAM	50	24	16.85	17.00	16.71	18.00
20	256QAM	50	50	16.80	16.84	16.87	18.00
20	256QAM	100	0	16.87	16.92	16.86	18.00
Channel				20025	20175	20325	18.00
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	16.89	16.99	16.76	18.00
15	QPSK	1	37	16.57	16.84	16.78	18.00
15	QPSK	1	74	16.63	16.80	16.72	18.00
15	QPSK	36	0	16.86	16.88	16.70	18.00
15	QPSK	36	20	16.78	16.93	16.64	18.00
15	QPSK	36	39	16.84	16.72	16.72	18.00
15	QPSK	75	0	16.68	16.86	16.89	18.00
15	16QAM	1	0	16.86	16.81	16.83	18.00
15	16QAM	1	37	16.86	16.76	16.73	18.00
15	16QAM	1	74	16.61	16.98	16.70	18.00
15	16QAM	36	0	16.85	16.88	16.58	18.00
15	16QAM	36	20	16.86	16.77	16.68	18.00
15	16QAM	36	39	16.66	16.86	16.71	18.00
15	16QAM	75	0	16.78	16.75	16.73	18.00
15	64QAM	1	0	16.57	16.80	16.68	18.00
15	64QAM	1	37	16.68	16.85	16.77	18.00
15	64QAM	1	74	16.82	16.92	16.68	18.00
15	64QAM	36	0	16.74	16.71	16.67	18.00
15	64QAM	36	20	16.68	16.76	16.68	18.00
15	64QAM	36	39	16.77	16.89	16.68	18.00
15	64QAM	75	0	16.82	16.75	16.83	18.00
15	256QAM	1	0	16.74	16.71	16.64	18.00
15	256QAM	1	37	16.61	16.83	16.80	18.00
15	256QAM	1	74	16.66	16.68	16.80	18.00
15	256QAM	36	0	16.68	16.83	16.65	18.00
15	256QAM	36	20	16.72	16.87	16.67	18.00
15	256QAM	36	39	16.68	16.74	16.84	18.00
15	256QAM	75	0	16.83	16.78	16.81	18.00
Channel				20000	20175	20350	18.00
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	16.89	16.91	16.83	18.00
10	QPSK	1	25	16.67	16.85	16.81	18.00
10	QPSK	1	49	16.64	16.75	16.72	18.00
10	QPSK	25	0	16.83	16.98	16.68	18.00
10	QPSK	25	12	16.77	16.94	16.61	18.00
10	QPSK	25	25	16.89	16.82	16.72	18.00
10	QPSK	50	0	16.76	16.77	16.88	18.00

10	16QAM	1	0	16.80	16.75	16.80	18.00
10	16QAM	1	25	16.86	16.82	16.67	18.00
10	16QAM	1	49	16.62	16.89	16.67	18.00
10	16QAM	25	0	16.77	16.82	16.57	18.00
10	16QAM	25	12	16.85	16.77	16.66	18.00
10	16QAM	25	25	16.73	16.91	16.67	18.00
10	16QAM	50	0	16.77	16.82	16.66	18.00
10	64QAM	1	0	16.58	16.77	16.72	18.00
10	64QAM	1	25	16.73	16.96	16.79	18.00
10	64QAM	1	49	16.78	16.94	16.64	18.00
10	64QAM	25	0	16.78	16.70	16.56	18.00
10	64QAM	25	12	16.68	16.65	16.72	18.00
10	64QAM	25	25	16.77	16.90	16.65	18.00
10	64QAM	50	0	16.91	16.83	16.71	18.00
10	256QAM	1	0	16.74	16.64	16.66	18.00
10	256QAM	1	25	16.68	16.75	16.74	18.00
10	256QAM	1	49	16.68	16.77	16.83	18.00
10	256QAM	25	0	16.70	16.88	16.56	18.00
10	256QAM	25	12	16.83	16.95	16.58	18.00
10	256QAM	25	25	16.75	16.77	16.84	18.00
10	256QAM	50	0	16.79	16.82	16.75	18.00
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	16.84	16.97	16.83	18.00
5	QPSK	1	12	16.62	16.85	16.82	18.00
5	QPSK	1	24	16.72	16.80	16.66	18.00
5	QPSK	12	0	16.79	16.99	16.68	18.00
5	QPSK	12	7	16.80	16.89	16.59	18.00
5	QPSK	12	13	16.86	16.77	16.76	18.00
5	QPSK	25	0	16.68	16.80	16.88	18.00
5	16QAM	1	0	16.82	16.72	16.82	18.00
5	16QAM	1	12	16.76	16.88	16.63	18.00
5	16QAM	1	24	16.67	16.94	16.63	18.00
5	16QAM	12	0	16.85	16.87	16.67	18.00
5	16QAM	12	7	16.89	16.81	16.60	18.00
5	16QAM	12	13	16.74	16.88	16.75	18.00
5	16QAM	25	0	16.80	16.85	16.75	18.00
5	64QAM	1	0	16.67	16.80	16.77	18.00
5	64QAM	1	12	16.68	16.93	16.78	18.00
5	64QAM	1	24	16.76	16.92	16.73	18.00
5	64QAM	12	0	16.73	16.71	16.62	18.00
5	64QAM	12	7	16.65	16.68	16.70	18.00
5	64QAM	12	13	16.72	16.89	16.61	18.00
5	64QAM	25	0	16.88	16.86	16.85	18.00
5	256QAM	1	0	16.80	16.67	16.64	18.00
5	256QAM	1	12	16.73	16.75	16.83	18.00
5	256QAM	1	24	16.70	16.72	16.85	18.00
5	256QAM	12	0	16.81	16.84	16.66	18.00
5	256QAM	12	7	16.76	16.93	16.64	18.00
5	256QAM	12	13	16.67	16.75	16.82	18.00
5	256QAM	25	0	16.74	16.84	16.84	18.00
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	16.78	17.03	16.82	18.00
3	QPSK	1	8	16.57	16.95	16.85	18.00
3	QPSK	1	14	16.63	16.82	16.64	18.00
3	QPSK	8	0	16.85	16.91	16.80	18.00
3	QPSK	8	4	16.80	16.83	16.63	18.00
3	QPSK	8	7	16.85	16.83	16.76	18.00
3	QPSK	15	0	16.74	16.77	16.82	18.00
3	16QAM	1	0	16.83	16.80	16.85	18.00
3	16QAM	1	8	16.86	16.83	16.64	18.00
3	16QAM	1	14	16.75	16.90	16.72	18.00
3	16QAM	8	0	16.78	16.91	16.63	18.00
3	16QAM	8	4	16.85	16.73	16.66	18.00
3	16QAM	8	7	16.69	16.86	16.75	18.00
3	16QAM	15	0	16.80	16.82	16.68	18.00
3	64QAM	1	0	16.57	16.81	16.70	18.00
3	64QAM	1	8	16.73	16.86	16.74	18.00
3	64QAM	1	14	16.77	16.98	16.75	18.00
3	64QAM	8	0	16.84	16.72	16.59	18.00
3	64QAM	8	4	16.64	16.67	16.76	18.00
3	64QAM	8	7	16.71	16.88	16.65	18.00
3	64QAM	15	0	16.88	16.83	16.83	18.00
3	256QAM	1	0	16.79	16.75	16.65	18.00
3	256QAM	1	8	16.73	16.83	16.76	18.00
3	256QAM	1	14	16.65	16.75	16.74	18.00
3	256QAM	8	0	16.67	16.90	16.57	18.00

3	256QAM	8	4	16.73	16.98	16.65	18.00
3	256QAM	8	7	16.76	16.80	16.75	18.00
3	256QAM	15	0	16.77	16.86	16.79	18.00
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	16.80	17.01	16.77	18.00
1.4	QPSK	1	3	16.69	16.95	16.79	18.00
1.4	QPSK	1	5	16.58	16.71	16.73	18.00
1.4	QPSK	3	0	16.86	16.98	16.80	18.00
1.4	QPSK	3	1	16.80	16.89	16.56	18.00
1.4	QPSK	3	3	16.78	16.71	16.71	18.00
1.4	QPSK	6	0	16.76	16.77	16.77	18.00
1.4	16QAM	1	0	16.75	16.78	16.85	18.00
1.4	16QAM	1	3	16.82	16.81	16.62	18.00
1.4	16QAM	1	5	16.63	16.94	16.64	18.00
1.4	16QAM	3	0	16.76	16.92	16.61	18.00
1.4	16QAM	3	1	16.91	16.68	16.68	18.00
1.4	16QAM	3	3	16.69	16.93	16.73	18.00
1.4	16QAM	6	0	16.86	16.76	16.73	18.00
1.4	64QAM	1	0	16.70	16.76	16.72	18.00
1.4	64QAM	1	3	16.74	16.87	16.84	18.00
1.4	64QAM	1	5	16.79	16.98	16.72	18.00
1.4	64QAM	3	0	16.75	16.68	16.58	18.00
1.4	64QAM	3	1	16.61	16.68	16.77	18.00
1.4	64QAM	3	3	16.80	16.87	16.66	18.00
1.4	64QAM	6	0	16.89	16.84	16.75	18.00
1.4	256QAM	1	0	16.73	16.72	16.70	18.00
1.4	256QAM	1	3	16.62	16.85	16.78	18.00
1.4	256QAM	1	5	16.65	16.67	16.74	18.00
1.4	256QAM	3	0	16.72	16.85	16.60	18.00
1.4	256QAM	3	1	16.74	16.86	16.68	18.00
1.4	256QAM	3	3	16.72	16.71	16.75	18.00
1.4	256QAM	6	0	16.80	16.87	16.76	18.00

【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	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	22.59	22.66	22.61	24.00
20	QPSK	1	49	22.27	22.39	22.21	24.00
20	QPSK	1	99	22.40	22.60	22.53	24.00
20	QPSK	50	0	21.48	21.57	21.47	23.00
20	QPSK	50	24	21.41	21.54	21.39	23.00
20	QPSK	50	50	21.42	21.56	21.45	23.00
20	QPSK	100	0	21.39	21.57	21.43	23.00
20	16QAM	1	0	21.40	21.58	21.42	23.00
20	16QAM	1	49	21.28	21.48	21.38	23.00
20	16QAM	1	99	21.62	21.81	21.71	23.00
20	16QAM	50	0	20.44	20.55	20.39	22.00
20	16QAM	50	24	20.36	20.51	20.42	22.00
20	16QAM	50	50	20.38	20.56	20.44	22.00
20	16QAM	100	0	20.26	20.47	20.29	22.00
20	64QAM	1	0	20.34	20.51	20.32	22.00
20	64QAM	1	49	20.38	20.55	20.36	22.00
20	64QAM	1	99	20.61	20.76	20.60	22.00
20	64QAM	50	0	19.38	19.55	19.36	21.00
20	64QAM	50	24	19.47	19.54	19.41	21.00
20	64QAM	50	50	19.50	19.62	19.55	21.00
20	64QAM	100	0	19.42	19.49	19.32	21.00
20	256QAM	1	0	17.31	17.41	17.32	19.00
20	256QAM	1	49	17.65	17.74	17.67	19.00
20	256QAM	1	99	17.70	17.78	17.69	19.00
20	256QAM	50	0	17.35	17.49	17.43	19.00
20	256QAM	50	24	17.39	17.48	17.38	19.00
20	256QAM	50	50	17.35	17.53	17.46	19.00
20	256QAM	100	0	17.43	17.52	17.40	19.00
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	22.48	22.61	22.53	24.00
15	QPSK	1	37	22.20	22.28	22.17	24.00
15	QPSK	1	74	22.30	22.55	22.49	24.00

15	QPSK	36	0	21.46	21.55	21.37	23.00
15	QPSK	36	20	21.36	21.41	21.28	23.00
15	QPSK	36	39	21.29	21.52	21.44	23.00
15	QPSK	75	0	21.35	21.45	21.35	23.00
15	16QAM	1	0	21.34	21.52	21.27	23.00
15	16QAM	1	37	21.23	21.46	21.30	23.00
15	16QAM	1	74	21.60	21.77	21.69	23.00
15	16QAM	36	0	20.33	20.43	20.28	22.00
15	16QAM	36	20	20.26	20.43	20.37	22.00
15	16QAM	36	39	20.28	20.50	20.35	22.00
15	16QAM	75	0	20.22	20.36	20.20	22.00
15	64QAM	1	0	20.25	20.48	20.22	22.00
15	64QAM	1	37	20.33	20.45	20.22	22.00
15	64QAM	1	74	20.48	20.68	20.50	22.00
15	64QAM	36	0	19.28	19.52	19.35	21.00
15	64QAM	36	20	19.34	19.45	19.27	21.00
15	64QAM	36	39	19.42	19.54	19.48	21.00
15	64QAM	75	0	19.27	19.39	19.21	21.00
15	256QAM	1	0	17.18	17.27	17.30	19.00
15	256QAM	1	37	17.62	17.67	17.55	19.00
15	256QAM	1	74	17.66	17.76	17.66	19.00
15	256QAM	36	0	17.28	17.34	17.39	19.00
15	256QAM	36	20	17.28	17.39	17.36	19.00
15	256QAM	36	39	17.33	17.41	17.33	19.00
15	256QAM	75	0	17.29	17.43	17.37	19.00
Channel				20000	20175	20350	Tune-up limit
Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	22.52	22.57	22.53	24.00
10	QPSK	1	25	22.23	22.32	22.08	24.00
10	QPSK	1	49	22.32	22.51	22.52	24.00
10	QPSK	25	0	21.43	21.48	21.41	23.00
10	QPSK	25	12	21.38	21.44	21.31	23.00
10	QPSK	25	25	21.30	21.41	21.36	23.00
10	QPSK	50	0	21.38	21.54	21.34	23.00
10	16QAM	1	0	21.33	21.49	21.37	23.00
10	16QAM	1	25	21.23	21.45	21.31	23.00
10	16QAM	1	49	21.56	21.69	21.66	23.00
10	16QAM	25	0	20.33	20.41	20.27	22.00
10	16QAM	25	12	20.23	20.42	20.34	22.00
10	16QAM	25	25	20.27	20.54	20.41	22.00
10	16QAM	50	0	20.18	20.40	20.24	22.00
10	64QAM	1	0	20.27	20.39	20.26	22.00
10	64QAM	1	25	20.25	20.54	20.34	22.00
10	64QAM	1	49	20.56	20.61	20.57	22.00
10	64QAM	25	0	19.24	19.45	19.32	21.00
10	64QAM	25	12	19.36	19.47	19.37	21.00
10	64QAM	25	25	19.38	19.54	19.54	21.00
10	64QAM	50	0	19.36	19.35	19.31	21.00
10	256QAM	1	0	17.23	17.31	17.28	19.00
10	256QAM	1	25	17.63	17.68	17.58	19.00
10	256QAM	1	49	17.57	17.66	17.57	19.00
10	256QAM	25	0	17.22	17.45	17.38	19.00
10	256QAM	25	12	17.33	17.41	17.24	19.00
10	256QAM	25	25	17.31	17.41	17.34	19.00
10	256QAM	50	0	17.41	17.43	17.25	19.00
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	22.47	22.59	22.56	24.00
5	QPSK	1	12	22.18	22.29	22.11	24.00
5	QPSK	1	24	22.35	22.46	22.51	24.00
5	QPSK	12	0	21.37	21.54	21.37	23.00
5	QPSK	12	7	21.27	21.50	21.25	23.00
5	QPSK	12	13	21.29	21.42	21.31	23.00
5	QPSK	25	0	21.35	21.53	21.32	23.00
5	16QAM	1	0	21.28	21.47	21.36	23.00
5	16QAM	1	12	21.25	21.41	21.29	23.00
5	16QAM	1	24	21.58	21.70	21.64	23.00
5	16QAM	12	0	20.31	20.41	20.28	22.00
5	16QAM	12	7	20.31	20.38	20.35	22.00
5	16QAM	12	13	20.33	20.50	20.43	22.00
5	16QAM	25	0	20.23	20.38	20.16	22.00
5	64QAM	1	0	20.20	20.48	20.25	22.00
5	64QAM	1	12	20.25	20.53	20.27	22.00
5	64QAM	1	24	20.55	20.73	20.50	22.00
5	64QAM	12	0	19.28	19.50	19.22	21.00
5	64QAM	12	7	19.34	19.43	19.34	21.00
5	64QAM	12	13	19.37	19.54	19.54	21.00
5	64QAM	25	0	19.33	19.36	19.29	21.00

5	256QAM	1	0	17.25	17.36	17.29	19.00
5	256QAM	1	12	17.56	17.72	17.62	19.00
5	256QAM	1	24	17.68	17.66	17.59	19.00
5	256QAM	12	0	17.21	17.37	17.39	19.00
5	256QAM	12	7	17.25	17.43	17.36	19.00
5	256QAM	12	13	17.30	17.40	17.38	19.00
5	256QAM	25	0	17.30	17.47	17.30	19.00
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	22.45	22.57	22.55	24.00
3	QPSK	1	8	22.23	22.32	22.10	24.00
3	QPSK	1	14	22.39	22.46	22.45	24.00
3	QPSK	8	0	21.37	21.52	21.31	23.00
3	QPSK	8	4	21.31	21.52	21.36	23.00
3	QPSK	8	7	21.34	21.48	21.43	23.00
3	QPSK	15	0	21.36	21.54	21.38	23.00
3	16QAM	1	0	21.38	21.54	21.33	23.00
3	16QAM	1	8	21.18	21.46	21.24	23.00
3	16QAM	1	14	21.49	21.78	21.57	23.00
3	16QAM	8	0	20.41	20.53	20.25	22.00
3	16QAM	8	4	20.32	20.44	20.35	22.00
3	16QAM	8	7	20.29	20.55	20.42	22.00
3	16QAM	15	0	20.20	20.41	20.17	22.00
3	64QAM	1	0	20.25	20.38	20.18	22.00
3	64QAM	1	8	20.33	20.43	20.29	22.00
3	64QAM	1	14	20.48	20.73	20.48	22.00
3	64QAM	8	0	19.24	19.49	19.23	21.00
3	64QAM	8	4	19.40	19.44	19.28	21.00
3	64QAM	8	7	19.42	19.51	19.48	21.00
3	64QAM	15	0	19.38	19.48	19.21	21.00
3	256QAM	1	0	17.25	17.27	17.28	19.00
3	256QAM	1	8	17.59	17.69	17.64	19.00
3	256QAM	1	14	17.64	17.72	17.63	19.00
3	256QAM	8	0	17.23	17.42	17.31	19.00
3	256QAM	8	4	17.27	17.35	17.26	19.00
3	256QAM	8	7	17.23	17.40	17.35	19.00
3	256QAM	15	0	17.32	17.50	17.39	19.00
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	22.58	22.61	22.47	24.00
1.4	QPSK	1	3	22.25	22.25	22.07	24.00
1.4	QPSK	1	5	22.39	22.46	22.47	24.00
1.4	QPSK	3	0	22.38	22.53	22.40	24.00
1.4	QPSK	3	1	22.27	22.51	22.26	24.00
1.4	QPSK	3	3	22.30	22.43	22.32	24.00
1.4	QPSK	6	0	21.37	21.44	21.39	23.00
1.4	16QAM	1	0	21.36	21.45	21.38	23.00
1.4	16QAM	1	3	21.22	21.39	21.27	23.00
1.4	16QAM	1	5	21.61	21.80	21.59	23.00
1.4	16QAM	3	0	21.36	21.44	21.25	23.00
1.4	16QAM	3	1	21.28	21.48	21.31	23.00
1.4	16QAM	3	3	21.24	21.53	21.40	23.00
1.4	16QAM	6	0	20.17	20.42	20.27	22.00
1.4	64QAM	1	0	20.22	20.40	20.27	22.00
1.4	64QAM	1	3	20.28	20.49	20.30	22.00
1.4	64QAM	1	5	20.56	20.68	20.58	22.00
1.4	64QAM	3	0	20.28	20.43	20.31	22.00
1.4	64QAM	3	1	20.38	20.49	20.29	22.00
1.4	64QAM	3	3	20.36	20.59	20.52	22.00
1.4	64QAM	6	0	19.29	19.41	19.23	21.00
1.4	256QAM	1	0	17.22	17.35	17.22	19.00
1.4	256QAM	1	3	17.58	17.67	17.54	19.00
1.4	256QAM	1	5	17.65	17.75	17.55	19.00
1.4	256QAM	3	0	17.30	17.48	17.30	19.00
1.4	256QAM	3	1	17.33	17.37	17.35	19.00
1.4	256QAM	3	3	17.21	17.50	17.31	19.00
1.4	256QAM	6	0	17.38	17.42	17.36	19.00

【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	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	21.15	21.11	21.13	21.50
20	QPSK	1	49	20.87	21.00	20.98	21.50
20	QPSK	1	99	20.99	21.06	20.98	21.50
20	QPSK	50	0	20.96	21.07	20.85	21.50
20	QPSK	50	24	20.84	21.01	20.95	21.50
20	QPSK	50	50	20.99	21.03	20.91	21.50
20	QPSK	100	0	20.75	21.03	20.73	21.50
20	16QAM	1	0	20.79	20.80	21.06	21.50
20	16QAM	1	49	20.88	20.81	20.92	21.50
20	16QAM	1	99	20.82	20.84	20.78	21.50
20	16QAM	50	0	20.94	20.87	20.96	21.50
20	16QAM	50	24	20.51	20.68	20.30	21.50
20	16QAM	50	50	20.40	20.62	20.38	21.50
20	16QAM	100	0	20.43	20.65	20.44	21.50
20	64QAM	1	0	20.64	20.88	20.60	21.50
20	64QAM	1	49	20.53	20.71	20.28	21.50
20	64QAM	1	99	20.35	20.54	20.24	21.50
20	64QAM	50	0	19.47	19.64	19.43	21.00
20	64QAM	50	24	19.47	19.65	19.44	21.00
20	64QAM	50	50	19.39	19.69	19.32	21.00
20	64QAM	100	0	19.41	19.57	19.32	21.00
20	256QAM	1	0	17.65	17.82	17.59	19.50
20	256QAM	1	49	17.51	17.55	17.50	19.50
20	256QAM	1	99	17.71	17.73	17.70	19.50
20	256QAM	50	0	17.64	17.62	17.54	19.50
20	256QAM	50	24	17.67	17.72	17.67	19.50
20	256QAM	50	50	17.60	17.58	17.57	19.50
20	256QAM	100	0	17.57	17.64	17.59	19.50
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	21.01	20.94	21.10	21.50
15	QPSK	1	37	20.76	20.90	20.95	21.50
15	QPSK	1	74	20.86	20.98	20.89	21.50
15	QPSK	36	0	20.92	21.05	20.79	21.50
15	QPSK	36	20	20.74	20.92	20.94	21.50
15	QPSK	36	39	20.84	21.01	20.81	21.50
15	QPSK	75	0	20.70	20.89	20.68	21.50
15	16QAM	1	0	20.67	20.71	20.93	21.50
15	16QAM	1	37	20.86	20.71	20.80	21.50
15	16QAM	1	74	20.75	20.77	20.67	21.50
15	16QAM	36	0	20.92	20.78	20.88	21.50
15	16QAM	36	20	20.44	20.64	20.25	21.50
15	16QAM	36	39	20.39	20.53	20.31	21.50
15	16QAM	75	0	20.28	20.62	20.35	21.50
15	64QAM	1	0	20.53	20.85	20.47	21.50
15	64QAM	1	37	20.46	20.70	20.18	21.50
15	64QAM	1	74	20.23	20.44	20.15	21.50
15	64QAM	36	0	19.45	19.54	19.30	21.00
15	64QAM	36	20	19.33	19.53	19.35	21.00
15	64QAM	36	39	19.37	19.67	19.23	21.00
15	64QAM	75	0	19.30	19.49	19.23	21.00
15	256QAM	1	0	17.61	17.72	17.52	19.50
15	256QAM	1	37	17.51	17.50	17.51	19.50
15	256QAM	1	74	17.60	17.67	17.58	19.50
15	256QAM	36	0	17.55	17.51	17.51	19.50
15	256QAM	36	20	17.64	17.70	17.57	19.50
15	256QAM	36	39	17.54	17.53	17.50	19.50
15	256QAM	75	0	17.55	17.56	17.52	19.50
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	21.04	21.01	21.08	21.50
10	QPSK	1	25	20.86	20.90	20.92	21.50
10	QPSK	1	49	20.89	20.97	20.94	21.50
10	QPSK	25	0	20.85	21.03	20.71	21.50
10	QPSK	25	12	20.71	20.97	20.94	21.50
10	QPSK	25	25	20.84	20.90	20.85	21.50
10	QPSK	50	0	20.73	20.97	20.61	21.50
10	16QAM	1	0	20.66	20.76	21.01	21.50
10	16QAM	1	25	20.86	20.72	20.86	21.50

10	16QAM	1	49	20.72	20.72	20.64	21.50
10	16QAM	25	0	20.88	20.78	20.83	21.50
10	16QAM	25	12	20.50	20.67	20.17	21.50
10	16QAM	25	25	20.32	20.55	20.35	21.50
10	16QAM	50	0	20.32	20.61	20.37	21.50
10	64QAM	1	0	20.63	20.82	20.56	21.50
10	64QAM	1	25	20.51	20.62	20.25	21.50
10	64QAM	1	49	20.34	20.47	20.10	21.50
10	64QAM	25	0	19.40	19.53	19.33	21.00
10	64QAM	25	12	19.45	19.56	19.31	21.00
10	64QAM	25	25	19.37	19.66	19.18	21.00
10	64QAM	50	0	19.27	19.52	19.27	21.00
10	256QAM	1	0	17.57	17.74	17.58	19.50
10	256QAM	1	25	17.50	17.50	17.51	19.50
10	256QAM	1	49	17.67	17.60	17.67	19.50
10	256QAM	25	0	17.61	17.53	17.50	19.50
10	256QAM	25	12	17.53	17.60	17.61	19.50
10	256QAM	25	25	17.50	17.51	17.55	19.50
10	256QAM	50	0	17.52	17.61	17.52	19.50
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	21.08	21.02	20.99	21.50
5	QPSK	1	12	20.79	20.89	20.96	21.50
5	QPSK	1	24	20.88	21.07	20.92	21.50
5	QPSK	12	0	20.95	21.02	20.81	21.50
5	QPSK	12	7	20.77	20.91	20.81	21.50
5	QPSK	12	13	20.91	21.02	20.83	21.50
5	QPSK	25	0	20.74	20.91	20.68	21.50
5	16QAM	1	0	20.76	20.77	21.04	21.50
5	16QAM	1	12	20.74	20.74	20.90	21.50
5	16QAM	1	24	20.78	20.78	20.70	21.50
5	16QAM	12	0	20.89	20.79	20.93	21.50
5	16QAM	12	7	20.41	20.65	20.22	21.50
5	16QAM	12	13	20.26	20.49	20.33	21.50
5	16QAM	25	0	20.31	20.61	20.31	21.50
5	64QAM	1	0	20.60	20.78	20.48	21.50
5	64QAM	1	12	20.49	20.61	20.18	21.50
5	64QAM	1	24	20.32	20.47	20.16	21.50
5	64QAM	12	0	19.38	19.50	19.40	21.00
5	64QAM	12	7	19.41	19.56	19.37	21.00
5	64QAM	12	13	19.32	19.58	19.25	21.00
5	64QAM	25	0	19.35	19.51	19.26	21.00
5	256QAM	1	0	17.55	17.78	17.58	19.50
5	256QAM	1	12	17.50	17.50	17.52	19.50
5	256QAM	1	24	17.56	17.69	17.69	19.50
5	256QAM	12	0	17.53	17.58	17.50	19.50
5	256QAM	12	7	17.58	17.61	17.53	19.50
5	256QAM	12	13	17.55	17.50	17.55	19.50
5	256QAM	25	0	17.51	17.52	17.55	19.50
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	21.01	21.02	21.07	21.50
3	QPSK	1	8	20.84	20.85	20.89	21.50
3	QPSK	1	14	20.96	20.97	20.91	21.50
3	QPSK	8	0	20.84	20.97	20.84	21.50
3	QPSK	8	4	20.72	20.96	20.87	21.50
3	QPSK	8	7	20.97	21.00	20.85	21.50
3	QPSK	15	0	20.63	20.95	20.58	21.50
3	16QAM	1	0	20.68	20.70	20.95	21.50
3	16QAM	1	8	20.87	20.69	20.80	21.50
3	16QAM	1	14	20.75	20.82	20.65	21.50
3	16QAM	8	0	20.88	20.73	20.82	21.50
3	16QAM	8	4	20.38	20.58	20.24	21.50
3	16QAM	8	7	20.29	20.56	20.29	21.50
3	16QAM	15	0	20.36	20.61	20.41	21.50
3	64QAM	1	0	20.55	20.83	20.47	21.50
3	64QAM	1	8	20.39	20.65	20.14	21.50
3	64QAM	1	14	20.24	20.46	20.21	21.50
3	64QAM	8	0	19.45	19.59	19.28	21.00
3	64QAM	8	4	19.33	19.53	19.36	21.00
3	64QAM	8	7	19.37	19.65	19.23	21.00
3	64QAM	15	0	19.39	19.48	19.24	21.00
3	256QAM	1	0	17.54	17.73	17.51	19.50
3	256QAM	1	8	17.50	17.50	17.50	19.50
3	256QAM	1	14	17.60	17.68	17.60	19.50
3	256QAM	8	0	17.58	17.52	17.50	19.50
3	256QAM	8	4	17.56	17.70	17.65	19.50
3	256QAM	8	7	17.50	17.50	17.55	19.50

3	256QAM	15	0	17.51	17.52	17.52	19.50
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	21.10	20.99	21.01	21.50
1.4	QPSK	1	3	20.85	20.93	20.91	21.50
1.4	QPSK	1	5	20.97	21.07	20.93	21.50
1.4	QPSK	3	0	20.93	21.03	20.81	21.50
1.4	QPSK	3	1	20.74	20.87	20.80	21.50
1.4	QPSK	3	3	20.95	20.91	20.80	21.50
1.4	QPSK	6	0	20.73	20.97	20.60	21.50
1.4	16QAM	1	0	20.77	20.66	20.94	21.50
1.4	16QAM	1	3	20.76	20.72	20.91	21.50
1.4	16QAM	1	5	20.79	20.80	20.66	21.50
1.4	16QAM	3	0	20.88	20.73	20.94	21.50
1.4	16QAM	3	1	20.43	20.66	20.27	21.50
1.4	16QAM	3	3	20.28	20.48	20.28	21.50
1.4	16QAM	6	0	20.41	20.50	20.43	21.50
1.4	64QAM	1	0	20.60	20.83	20.54	21.50
1.4	64QAM	1	3	20.39	20.69	20.16	21.50
1.4	64QAM	1	5	20.25	20.51	20.10	21.50
1.4	64QAM	3	0	19.93	20.11	19.88	21.50
1.4	64QAM	3	1	19.91	20.05	19.88	21.50
1.4	64QAM	3	3	19.80	20.13	19.79	21.50
1.4	64QAM	6	0	19.35	19.53	19.24	21.00
1.4	256QAM	1	0	19.07	19.28	19.01	21.00
1.4	256QAM	1	3	19.01	19.00	19.01	21.00
1.4	256QAM	1	5	19.12	19.19	19.17	21.00
1.4	256QAM	3	0	17.59	17.50	17.50	19.50
1.4	256QAM	3	1	17.61	17.63	17.56	19.50
1.4	256QAM	3	3	17.50	17.50	17.50	19.50
1.4	256QAM	6	0	17.52	17.54	17.53	19.50

【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	14.86	15.11	14.85	16.30
20	QPSK	1	49	14.92	14.93	14.71	16.30
20	QPSK	1	99	14.73	14.92	14.80	16.30
20	QPSK	50	0	14.99	15.09	14.92	16.30
20	QPSK	50	24	14.93	15.01	14.86	16.30
20	QPSK	50	50	14.89	15.00	14.82	16.30
20	QPSK	100	0	14.78	15.05	14.71	16.30
20	16QAM	1	0	14.72	15.10	14.81	16.30
20	16QAM	1	49	14.87	14.99	14.74	16.30
20	16QAM	1	99	14.88	15.06	14.84	16.30
20	16QAM	50	0	14.91	15.04	14.71	16.30
20	16QAM	50	24	14.96	15.11	14.85	16.30
20	16QAM	50	50	14.75	15.06	14.71	16.30
20	16QAM	100	0	14.96	15.02	14.87	16.30
20	64QAM	1	0	14.79	15.00	14.67	16.30
20	64QAM	1	49	14.85	15.07	14.66	16.30
20	64QAM	1	99	14.85	14.91	14.77	16.30
20	64QAM	50	0	14.89	15.05	14.88	16.30
20	64QAM	50	24	14.92	14.92	14.74	16.30
20	64QAM	50	50	14.95	15.00	14.71	16.30
20	64QAM	100	0	14.79	15.06	14.70	16.30
20	256QAM	1	0	14.79	14.90	14.76	16.30
20	256QAM	1	49	14.93	14.93	14.82	16.30
20	256QAM	1	99	14.92	14.96	14.83	16.30
20	256QAM	50	0	14.82	15.06	14.71	16.30
20	256QAM	50	24	14.79	14.94	14.88	16.30
20	256QAM	50	50	14.94	15.06	14.69	16.30
20	256QAM	100	0	14.84	14.89	14.77	16.30
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	14.72	15.03	14.73	16.30
15	QPSK	1	37	14.90	14.80	14.59	16.30
15	QPSK	1	74	14.68	14.84	14.74	16.30
15	QPSK	36	0	14.98	15.06	14.78	16.30
15	QPSK	36	20	14.92	14.97	14.84	16.30

15	QPSK	36	39	14.83	14.85	14.71	16.30
15	QPSK	75	0	14.68	15.03	14.57	16.30
15	16QAM	1	0	14.64	14.97	14.70	16.30
15	16QAM	1	37	14.74	14.95	14.66	16.30
15	16QAM	1	74	14.81	15.01	14.70	16.30
15	16QAM	36	0	14.83	14.99	14.62	16.30
15	16QAM	36	20	14.89	15.09	14.82	16.30
15	16QAM	36	39	14.65	14.93	14.56	16.30
15	16QAM	75	0	14.84	14.98	14.72	16.30
15	64QAM	1	0	14.67	14.85	14.54	16.30
15	64QAM	1	37	14.75	14.96	14.55	16.30
15	64QAM	1	74	14.84	14.84	14.63	16.30
15	64QAM	36	0	14.76	15.01	14.77	16.30
15	64QAM	36	20	14.82	14.80	14.61	16.30
15	64QAM	36	39	14.87	14.92	14.59	16.30
15	64QAM	75	0	14.69	14.99	14.68	16.30
15	256QAM	1	0	14.66	14.86	14.64	16.30
15	256QAM	1	37	14.80	14.84	14.79	16.30
15	256QAM	1	74	14.80	14.90	14.79	16.30
15	256QAM	36	0	14.72	14.99	14.62	16.30
15	256QAM	36	20	14.64	14.82	14.82	16.30
15	256QAM	36	39	14.83	14.99	14.56	16.30
15	256QAM	75	0	14.76	14.81	14.72	16.30
Channel				20000	20175	20350	Tune-up limit
Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	14.77	15.03	14.70	16.30
10	QPSK	1	25	14.79	14.91	14.57	16.30
10	QPSK	1	49	14.69	14.81	14.66	16.30
10	QPSK	25	0	14.93	14.99	14.86	16.30
10	QPSK	25	12	14.83	14.96	14.77	16.30
10	QPSK	25	25	14.79	14.92	14.70	16.30
10	QPSK	50	0	14.76	14.98	14.65	16.30
10	16QAM	1	0	14.66	14.98	14.74	16.30
10	16QAM	1	25	14.86	14.97	14.59	16.30
10	16QAM	1	49	14.81	14.94	14.82	16.30
10	16QAM	25	0	14.79	15.01	14.64	16.30
10	16QAM	25	12	14.85	15.01	14.74	16.30
10	16QAM	25	25	14.74	14.93	14.68	16.30
10	16QAM	50	0	14.91	14.99	14.78	16.30
10	64QAM	1	0	14.73	14.87	14.61	16.30
10	64QAM	1	25	14.79	15.05	14.59	16.30
10	64QAM	1	49	14.74	14.86	14.69	16.30
10	64QAM	25	0	14.76	14.93	14.78	16.30
10	64QAM	25	12	14.88	14.83	14.70	16.30
10	64QAM	25	25	14.88	14.99	14.63	16.30
10	64QAM	50	0	14.66	14.91	14.58	16.30
10	256QAM	1	0	14.65	14.83	14.66	16.30
10	256QAM	1	25	14.84	14.83	14.76	16.30
10	256QAM	1	49	14.78	14.90	14.72	16.30
10	256QAM	25	0	14.71	14.99	14.70	16.30
10	256QAM	25	12	14.68	14.88	14.86	16.30
10	256QAM	25	25	14.82	15.01	14.65	16.30
10	256QAM	50	0	14.70	14.85	14.66	16.30
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	14.85	15.03	14.75	16.30
5	QPSK	1	12	14.79	14.85	14.59	16.30
5	QPSK	1	24	14.62	14.89	14.78	16.30
5	QPSK	12	0	14.91	15.03	14.87	16.30
5	QPSK	12	7	14.87	14.88	14.82	16.30
5	QPSK	12	13	14.76	14.96	14.73	16.30
5	QPSK	25	0	14.68	15.02	14.60	16.30
5	16QAM	1	0	14.67	15.05	14.73	16.30
5	16QAM	1	12	14.85	14.98	14.59	16.30
5	16QAM	1	24	14.80	14.98	14.78	16.30
5	16QAM	12	0	14.88	14.95	14.58	16.30
5	16QAM	12	7	14.93	15.05	14.83	16.30
5	16QAM	12	13	14.70	14.94	14.58	16.30
5	16QAM	25	0	14.94	14.87	14.85	16.30
5	64QAM	1	0	14.74	14.93	14.58	16.30
5	64QAM	1	12	14.75	15.04	14.55	16.30
5	64QAM	1	24	14.76	14.86	14.71	16.30
5	64QAM	12	0	14.80	14.94	14.81	16.30
5	64QAM	12	7	14.86	14.83	14.69	16.30
5	64QAM	12	13	14.87	14.96	14.59	16.30
5	64QAM	25	0	14.69	14.91	14.65	16.30
5	256QAM	1	0	14.70	14.83	14.61	16.30
5	256QAM	1	12	14.82	14.85	14.81	16.30

5	256QAM	1	24	14.90	14.91	14.75	16.30
5	256QAM	12	0	14.69	15.05	14.62	16.30
5	256QAM	12	7	14.75	14.84	14.83	16.30
5	256QAM	12	13	14.84	14.98	14.65	16.30
5	256QAM	25	0	14.70	14.86	14.75	16.30
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	14.75	15.02	14.72	16.30
3	QPSK	1	8	14.79	14.87	14.61	16.30
3	QPSK	1	14	14.65	14.90	14.66	16.30
3	QPSK	8	0	14.89	15.00	14.89	16.30
3	QPSK	8	4	14.84	14.90	14.72	16.30
3	QPSK	8	7	14.84	14.87	14.76	16.30
3	QPSK	15	0	14.63	14.91	14.58	16.30
3	16QAM	1	0	14.62	14.97	14.69	16.30
3	16QAM	1	8	14.80	14.89	14.61	16.30
3	16QAM	1	14	14.79	14.98	14.80	16.30
3	16QAM	8	0	14.87	14.98	14.69	16.30
3	16QAM	8	4	14.90	15.00	14.81	16.30
3	16QAM	8	7	14.65	15.03	14.62	16.30
3	16QAM	15	0	14.88	14.88	14.83	16.30
3	64QAM	1	0	14.71	14.95	14.61	16.30
3	64QAM	1	8	14.70	14.94	14.55	16.30
3	64QAM	1	14	14.71	14.85	14.70	16.30
3	64QAM	8	0	14.81	14.93	14.83	16.30
3	64QAM	8	4	14.88	14.88	14.65	16.30
3	64QAM	8	7	14.81	14.92	14.63	16.30
3	64QAM	15	0	14.68	14.95	14.55	16.30
3	256QAM	1	0	14.74	14.84	14.72	16.30
3	256QAM	1	8	14.85	14.89	14.69	16.30
3	256QAM	1	14	14.86	14.87	14.71	16.30
3	256QAM	8	0	14.81	14.92	14.56	16.30
3	256QAM	8	4	14.69	14.81	14.85	16.30
3	256QAM	8	7	14.91	14.99	14.58	16.30
3	256QAM	15	0	14.71	14.80	14.71	16.30
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	14.80	15.03	14.78	16.30
1.4	QPSK	1	3	14.91	14.92	14.60	16.30
1.4	QPSK	1	5	14.59	14.87	14.70	16.30
1.4	QPSK	3	0	14.96	15.01	14.84	16.30
1.4	QPSK	3	1	14.79	14.91	14.81	16.30
1.4	QPSK	3	3	14.86	14.95	14.76	16.30
1.4	QPSK	6	0	13.72	13.99	13.65	15.30
1.4	16QAM	1	0	14.67	14.96	14.72	16.30
1.4	16QAM	1	3	14.74	14.98	14.72	16.30
1.4	16QAM	1	5	14.82	14.93	14.80	16.30
1.4	16QAM	3	0	14.87	15.00	14.67	16.30
1.4	16QAM	3	1	14.82	15.05	14.75	16.30
1.4	16QAM	3	3	14.73	15.05	14.70	16.30
1.4	16QAM	6	0	14.83	15.00	14.84	16.30
1.4	64QAM	1	0	14.66	14.95	14.57	16.30
1.4	64QAM	1	3	14.82	14.94	14.61	16.30
1.4	64QAM	1	5	14.73	14.77	14.64	16.30
1.4	64QAM	3	0	14.86	14.97	14.83	16.30
1.4	64QAM	3	1	14.86	14.78	14.59	16.30
1.4	64QAM	3	3	14.91	14.96	14.67	16.30
1.4	64QAM	6	0	14.73	15.00	14.64	16.30
1.4	256QAM	1	0	14.74	14.88	14.74	16.30
1.4	256QAM	1	3	14.91	14.84	14.70	16.30
1.4	256QAM	1	5	14.78	14.92	14.72	16.30
1.4	256QAM	3	0	14.70	15.04	14.69	16.30
1.4	256QAM	3	1	14.76	14.81	14.74	16.30
1.4	256QAM	3	3	14.79	15.04	14.59	16.30
1.4	256QAM	6	0	14.72	14.86	14.65	16.30

【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	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	22.65	22.67	22.37	24.00
20	QPSK	1	49	22.42	22.58	22.17	24.00
20	QPSK	1	99	22.46	22.54	22.20	24.00
20	QPSK	50	0	21.58	21.70	21.37	23.00
20	QPSK	50	24	21.55	21.68	21.35	23.00
20	QPSK	50	50	21.56	21.64	21.25	23.00

20	QPSK	100	0	21.52	21.60	21.27	23.00
20	16QAM	1	0	21.62	21.67	21.28	23.00
20	16QAM	1	49	21.93	21.99	21.59	23.00
20	16QAM	1	99	21.83	21.87	21.55	23.00
20	16QAM	50	0	20.52	20.68	20.28	22.00
20	16QAM	50	24	20.63	20.73	20.33	22.00
20	16QAM	50	50	20.47	20.63	20.32	22.00
20	16QAM	100	0	20.60	20.67	20.34	22.00
20	64QAM	1	0	20.49	20.65	20.30	22.00
20	64QAM	1	49	20.56	20.62	20.33	22.00
20	64QAM	1	99	20.57	20.73	20.35	22.00
20	64QAM	50	0	19.55	19.64	19.35	21.00
20	64QAM	50	24	19.51	19.64	19.27	21.00
20	64QAM	50	50	19.44	19.54	19.22	21.00
20	64QAM	100	0	19.45	19.61	19.30	21.00
20	256QAM	1	0	17.81	17.89	17.63	19.00
20	256QAM	1	49	17.60	17.63	17.30	19.00
20	256QAM	1	99	17.73	17.82	17.45	19.00
20	256QAM	50	0	17.53	17.68	17.30	19.00
20	256QAM	50	24	17.60	17.72	17.48	19.00
20	256QAM	50	50	17.58	17.65	17.31	19.00
20	256QAM	100	0	17.50	17.64	17.38	19.00
Channel				20025	20175	20325	Tune-up limit
Frequency (MHz)				1717.5	1732.5	1747.5	(dBm)
15	QPSK	1	0	22.55	22.56	22.22	24.00
15	QPSK	1	37	22.41	22.44	22.02	24.00
15	QPSK	1	74	22.34	22.40	22.07	24.00
15	QPSK	36	0	21.54	21.58	21.27	23.00
15	QPSK	36	20	21.46	21.53	21.25	23.00
15	QPSK	36	39	21.52	21.56	21.14	23.00
15	QPSK	75	0	21.40	21.52	21.14	23.00
15	16QAM	1	0	21.58	21.58	21.20	23.00
15	16QAM	1	37	21.92	21.94	21.45	23.00
15	16QAM	1	74	21.70	21.82	21.47	23.00
15	16QAM	36	0	20.48	20.61	20.17	22.00
15	16QAM	36	20	20.51	20.63	20.27	22.00
15	16QAM	36	39	20.35	20.60	20.27	22.00
15	16QAM	75	0	20.50	20.62	20.20	22.00
15	64QAM	1	0	20.47	20.54	20.25	22.00
15	64QAM	1	37	20.41	20.53	20.26	22.00
15	64QAM	1	74	20.53	20.67	20.23	22.00
15	64QAM	36	0	19.50	19.52	19.28	21.00
15	64QAM	36	20	19.46	19.55	19.12	21.00
15	64QAM	36	39	19.30	19.43	19.07	21.00
15	64QAM	75	0	19.40	19.54	19.21	21.00
15	256QAM	1	0	17.74	17.82	17.61	19.00
15	256QAM	1	37	17.46	17.60	17.22	19.00
15	256QAM	1	74	17.66	17.69	17.34	19.00
15	256QAM	36	0	17.39	17.59	17.17	19.00
15	256QAM	36	20	17.53	17.67	17.35	19.00
15	256QAM	36	39	17.46	17.62	17.18	19.00
15	256QAM	75	0	17.49	17.50	17.31	19.00
Channel				20000	20175	20350	Tune-up limit
Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	22.58	22.64	22.23	24.00
10	QPSK	1	25	22.36	22.55	22.04	24.00
10	QPSK	1	49	22.36	22.42	22.06	24.00
10	QPSK	25	0	21.50	21.65	21.31	23.00
10	QPSK	25	12	21.41	21.56	21.23	23.00
10	QPSK	25	25	21.49	21.54	21.11	23.00
10	QPSK	50	0	21.43	21.58	21.19	23.00
10	16QAM	1	0	21.57	21.58	21.24	23.00
10	16QAM	1	25	21.87	21.88	21.53	23.00
10	16QAM	1	49	21.75	21.82	21.45	23.00
10	16QAM	25	0	20.40	20.64	20.16	22.00
10	16QAM	25	12	20.54	20.69	20.20	22.00
10	16QAM	25	25	20.33	20.49	20.25	22.00
10	16QAM	50	0	20.59	20.58	20.33	22.00
10	64QAM	1	0	20.35	20.63	20.28	22.00
10	64QAM	1	25	20.44	20.47	20.24	22.00
10	64QAM	1	49	20.47	20.60	20.31	22.00
10	64QAM	25	0	19.46	19.53	19.25	21.00
10	64QAM	25	12	19.37	19.52	19.15	21.00
10	64QAM	25	25	19.41	19.50	19.20	21.00
10	64QAM	50	0	19.36	19.52	19.21	21.00
10	256QAM	1	0	17.69	17.88	17.60	19.00
10	256QAM	1	25	17.52	17.51	17.21	19.00
10	256QAM	1	49	17.60	17.78	17.39	19.00

10	256QAM	25	0	17.48	17.59	17.26	19.00
10	256QAM	25	12	17.49	17.71	17.40	19.00
10	256QAM	25	25	17.46	17.57	17.22	19.00
10	256QAM	50	0	17.41	17.53	17.25	19.00
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	22.52	22.60	22.24	24.00
5	QPSK	1	12	22.29	22.55	22.10	24.00
5	QPSK	1	24	22.33	22.39	22.10	24.00
5	QPSK	12	0	21.45	21.67	21.28	23.00
5	QPSK	12	7	21.47	21.63	21.23	23.00
5	QPSK	12	13	21.47	21.55	21.24	23.00
5	QPSK	25	0	21.45	21.46	21.19	23.00
5	16QAM	1	0	21.51	21.53	21.17	23.00
5	16QAM	1	12	21.82	21.95	21.45	23.00
5	16QAM	1	24	21.79	21.80	21.52	23.00
5	16QAM	12	0	20.49	20.54	20.18	22.00
5	16QAM	12	7	20.53	20.59	20.26	22.00
5	16QAM	12	13	20.41	20.49	20.30	22.00
5	16QAM	25	0	20.54	20.58	20.29	22.00
5	64QAM	1	0	20.46	20.63	20.17	22.00
5	64QAM	1	12	20.49	20.56	20.22	22.00
5	64QAM	1	24	20.51	20.69	20.29	22.00
5	64QAM	12	0	19.41	19.50	19.21	21.00
5	64QAM	12	7	19.45	19.59	19.14	21.00
5	64QAM	12	13	19.35	19.52	19.16	21.00
5	64QAM	25	0	19.35	19.52	19.17	21.00
5	256QAM	1	0	17.76	17.76	17.59	19.00
5	256QAM	1	12	17.49	17.55	17.18	19.00
5	256QAM	1	24	17.60	17.70	17.43	19.00
5	256QAM	12	0	17.45	17.58	17.25	19.00
5	256QAM	12	7	17.53	17.66	17.36	19.00
5	256QAM	12	13	17.45	17.62	17.24	19.00
5	256QAM	25	0	17.40	17.63	17.35	19.00
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	22.63	22.58	22.23	24.00
3	QPSK	1	8	22.31	22.53	22.14	24.00
3	QPSK	1	14	22.34	22.43	22.13	24.00
3	QPSK	8	0	21.56	21.58	21.28	23.00
3	QPSK	8	4	21.51	21.58	21.28	23.00
3	QPSK	8	7	21.47	21.60	21.14	23.00
3	QPSK	15	0	21.41	21.48	21.19	23.00
3	16QAM	1	0	21.51	21.54	21.18	23.00
3	16QAM	1	8	21.84	21.87	21.47	23.00
3	16QAM	1	14	21.76	21.81	21.53	23.00
3	16QAM	8	0	20.42	20.53	20.14	22.00
3	16QAM	8	4	20.59	20.60	20.22	22.00
3	16QAM	8	7	20.44	20.53	20.25	22.00
3	16QAM	15	0	20.48	20.62	20.28	22.00
3	64QAM	1	0	20.36	20.56	20.18	22.00
3	64QAM	1	8	20.49	20.57	20.21	22.00
3	64QAM	1	14	20.53	20.69	20.27	22.00
3	64QAM	8	0	19.47	19.49	19.31	21.00
3	64QAM	8	4	19.43	19.59	19.20	21.00
3	64QAM	8	7	19.36	19.40	19.17	21.00
3	64QAM	15	0	19.37	19.54	19.27	21.00
3	256QAM	1	0	17.79	17.87	17.50	19.00
3	256QAM	1	8	17.48	17.56	17.22	19.00
3	256QAM	1	14	17.60	17.68	17.34	19.00
3	256QAM	8	0	17.41	17.63	17.22	19.00
3	256QAM	8	4	17.58	17.59	17.34	19.00
3	256QAM	8	7	17.48	17.62	17.26	19.00
3	256QAM	15	0	17.43	17.59	17.35	19.00
Channel				19957	20175	20393	Tune-up limit
Frequency (MHz)				1710.7	1732.5	1754.3	(dBm)
1.4	QPSK	1	0	22.51	22.62	22.27	24.00
1.4	QPSK	1	3	22.32	22.56	22.06	24.00
1.4	QPSK	1	5	22.37	22.48	22.14	24.00
1.4	QPSK	3	0	22.45	22.59	22.22	24.00
1.4	QPSK	3	1	22.52	22.57	22.29	24.00
1.4	QPSK	3	3	22.51	22.52	22.16	24.00
1.4	QPSK	6	0	21.48	21.48	21.23	23.00
1.4	16QAM	1	0	21.51	21.55	21.21	23.00
1.4	16QAM	1	3	21.88	21.88	21.56	23.00
1.4	16QAM	1	5	21.69	21.73	21.45	23.00
1.4	16QAM	3	0	21.46	21.56	21.16	23.00
1.4	16QAM	3	1	21.56	21.59	21.18	23.00

1.4	16QAM	3	3	21.37	21.55	21.21	23.00
1.4	16QAM	6	0	20.45	20.52	20.24	22.00
1.4	64QAM	1	0	20.47	20.53	20.28	22.00
1.4	64QAM	1	3	20.55	20.54	20.21	22.00
1.4	64QAM	1	5	20.44	20.65	20.27	22.00
1.4	64QAM	3	0	20.51	20.50	20.22	22.00
1.4	64QAM	3	1	20.48	20.56	20.19	22.00
1.4	64QAM	3	3	20.36	20.50	20.20	22.00
1.4	64QAM	6	0	19.35	19.58	19.19	21.00
1.4	256QAM	1	0	17.74	17.79	17.61	19.00
1.4	256QAM	1	3	17.51	17.58	17.28	19.00
1.4	256QAM	1	5	17.62	17.76	17.31	19.00
1.4	256QAM	3	0	17.44	17.63	17.16	19.00
1.4	256QAM	3	1	17.49	17.65	17.42	19.00
1.4	256QAM	3	3	17.52	17.59	17.24	19.00
1.4	256QAM	6	0	17.36	17.62	17.31	19.00

【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	22.65	22.67	22.37	24.00
20	QPSK	1	49	22.42	22.58	22.17	24.00
20	QPSK	1	99	22.46	22.54	22.20	24.00
20	QPSK	50	0	21.58	21.70	21.37	23.00
20	QPSK	50	24	21.55	21.68	21.35	23.00
20	QPSK	50	50	21.56	21.64	21.25	23.00
20	QPSK	100	0	21.52	21.60	21.27	23.00
20	16QAM	1	0	21.62	21.67	21.28	23.00
20	16QAM	1	49	21.93	21.99	21.59	23.00
20	16QAM	1	99	21.83	21.87	21.55	23.00
20	16QAM	50	0	20.52	20.68	20.28	22.00
20	16QAM	50	24	20.63	20.73	20.33	22.00
20	16QAM	50	50	20.47	20.63	20.32	22.00
20	16QAM	100	0	20.60	20.67	20.34	22.00
20	64QAM	1	0	20.49	20.65	20.30	22.00
20	64QAM	1	49	20.56	20.62	20.33	22.00
20	64QAM	1	99	20.57	20.73	20.35	22.00
20	64QAM	50	0	19.55	19.64	19.35	21.00
20	64QAM	50	24	19.51	19.64	19.27	21.00
20	64QAM	50	50	19.44	19.54	19.22	21.00
20	64QAM	100	0	19.45	19.61	19.30	21.00
20	256QAM	1	0	17.81	17.89	17.63	19.00
20	256QAM	1	49	17.60	17.63	17.30	19.00
20	256QAM	1	99	17.73	17.82	17.45	19.00
20	256QAM	50	0	17.53	17.68	17.30	19.00
20	256QAM	50	24	17.60	17.72	17.48	19.00
20	256QAM	50	50	17.58	17.65	17.31	19.00
20	256QAM	100	0	17.50	17.64	17.38	19.00
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	22.55	22.56	22.22	24.00
15	QPSK	1	37	22.41	22.44	22.02	24.00
15	QPSK	1	74	22.34	22.40	22.07	24.00
15	QPSK	36	0	21.54	21.58	21.27	23.00
15	QPSK	36	20	21.46	21.53	21.25	23.00
15	QPSK	36	39	21.52	21.56	21.14	23.00
15	QPSK	75	0	21.40	21.52	21.14	23.00
15	16QAM	1	0	21.58	21.58	21.20	23.00
15	16QAM	1	37	21.92	21.94	21.45	23.00
15	16QAM	1	74	21.70	21.82	21.47	23.00
15	16QAM	36	0	20.48	20.61	20.17	22.00
15	16QAM	36	20	20.51	20.63	20.27	22.00
15	16QAM	36	39	20.35	20.60	20.27	22.00
15	16QAM	75	0	20.50	20.62	20.20	22.00
15	64QAM	1	0	20.47	20.54	20.25	22.00
15	64QAM	1	37	20.41	20.53	20.26	22.00
15	64QAM	1	74	20.53	20.67	20.23	22.00
15	64QAM	36	0	19.50	19.52	19.28	21.00
15	64QAM	36	20	19.46	19.55	19.12	21.00
15	64QAM	36	39	19.30	19.43	19.07	21.00

15	64QAM	75	0	19.40	19.54	19.21	21.00
15	256QAM	1	0	17.74	17.82	17.61	19.00
15	256QAM	1	37	17.46	17.60	17.22	19.00
15	256QAM	1	74	17.66	17.69	17.34	19.00
15	256QAM	36	0	17.39	17.59	17.17	19.00
15	256QAM	36	20	17.53	17.67	17.35	19.00
15	256QAM	36	39	17.46	17.62	17.18	19.00
15	256QAM	75	0	17.49	17.50	17.31	19.00
Channel				20000	20175	20350	Tune-up limit
Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	22.58	22.64	22.23	24.00
10	QPSK	1	25	22.36	22.55	22.04	24.00
10	QPSK	1	49	22.36	22.42	22.06	24.00
10	QPSK	25	0	21.50	21.65	21.31	23.00
10	QPSK	25	12	21.41	21.56	21.23	23.00
10	QPSK	25	25	21.49	21.54	21.11	23.00
10	QPSK	50	0	21.43	21.58	21.19	23.00
10	16QAM	1	0	21.57	21.58	21.24	23.00
10	16QAM	1	25	21.87	21.88	21.53	23.00
10	16QAM	1	49	21.75	21.82	21.45	23.00
10	16QAM	25	0	20.40	20.64	20.16	22.00
10	16QAM	25	12	20.54	20.69	20.20	22.00
10	16QAM	25	25	20.33	20.49	20.25	22.00
10	16QAM	50	0	20.59	20.58	20.33	22.00
10	64QAM	1	0	20.35	20.63	20.28	22.00
10	64QAM	1	25	20.44	20.47	20.24	22.00
10	64QAM	1	49	20.47	20.60	20.31	22.00
10	64QAM	25	0	19.46	19.53	19.25	21.00
10	64QAM	25	12	19.37	19.52	19.15	21.00
10	64QAM	25	25	19.41	19.50	19.20	21.00
10	64QAM	50	0	19.36	19.52	19.21	21.00
10	256QAM	1	0	17.69	17.88	17.60	19.00
10	256QAM	1	25	17.52	17.51	17.21	19.00
10	256QAM	1	49	17.60	17.78	17.39	19.00
10	256QAM	25	0	17.48	17.59	17.26	19.00
10	256QAM	25	12	17.49	17.71	17.40	19.00
10	256QAM	25	25	17.46	17.57	17.22	19.00
10	256QAM	50	0	17.41	17.53	17.25	19.00
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	22.52	22.60	22.24	24.00
5	QPSK	1	12	22.29	22.55	22.10	24.00
5	QPSK	1	24	22.33	22.39	22.10	24.00
5	QPSK	12	0	21.45	21.67	21.28	23.00
5	QPSK	12	7	21.47	21.63	21.23	23.00
5	QPSK	12	13	21.47	21.55	21.24	23.00
5	QPSK	25	0	21.45	21.46	21.19	23.00
5	16QAM	1	0	21.51	21.53	21.17	23.00
5	16QAM	1	12	21.82	21.95	21.45	23.00
5	16QAM	1	24	21.79	21.80	21.52	23.00
5	16QAM	12	0	20.49	20.54	20.18	22.00
5	16QAM	12	7	20.53	20.59	20.26	22.00
5	16QAM	12	13	20.41	20.49	20.30	22.00
5	16QAM	25	0	20.54	20.58	20.29	22.00
5	64QAM	1	0	20.46	20.63	20.17	22.00
5	64QAM	1	12	20.49	20.56	20.22	22.00
5	64QAM	1	24	20.51	20.69	20.29	22.00
5	64QAM	12	0	19.41	19.50	19.21	21.00
5	64QAM	12	7	19.45	19.59	19.14	21.00
5	64QAM	12	13	19.35	19.52	19.16	21.00
5	64QAM	25	0	19.35	19.52	19.17	21.00
5	256QAM	1	0	17.76	17.76	17.59	19.00
5	256QAM	1	12	17.49	17.55	17.18	19.00
5	256QAM	1	24	17.60	17.70	17.43	19.00
5	256QAM	12	0	17.45	17.58	17.25	19.00
5	256QAM	12	7	17.53	17.66	17.36	19.00
5	256QAM	12	13	17.45	17.62	17.24	19.00
5	256QAM	25	0	17.40	17.63	17.35	19.00
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	22.63	22.58	22.23	24.00
3	QPSK	1	8	22.31	22.53	22.14	24.00
3	QPSK	1	14	22.34	22.43	22.13	24.00
3	QPSK	8	0	21.56	21.58	21.28	23.00
3	QPSK	8	4	21.51	21.58	21.28	23.00
3	QPSK	8	7	21.47	21.60	21.14	23.00
3	QPSK	15	0	21.41	21.48	21.19	23.00
3	16QAM	1	0	21.51	21.54	21.18	23.00

3	16QAM	1	8	21.84	21.87	21.47	23.00
3	16QAM	1	14	21.76	21.81	21.53	23.00
3	16QAM	8	0	20.42	20.53	20.14	22.00
3	16QAM	8	4	20.59	20.60	20.22	22.00
3	16QAM	8	7	20.44	20.53	20.25	22.00
3	16QAM	15	0	20.48	20.62	20.28	22.00
3	64QAM	1	0	20.36	20.56	20.18	22.00
3	64QAM	1	8	20.49	20.57	20.21	22.00
3	64QAM	1	14	20.53	20.69	20.27	22.00
3	64QAM	8	0	19.47	19.49	19.31	21.00
3	64QAM	8	4	19.43	19.59	19.20	21.00
3	64QAM	8	7	19.36	19.40	19.17	21.00
3	64QAM	15	0	19.37	19.54	19.27	21.00
3	256QAM	1	0	17.79	17.87	17.50	19.00
3	256QAM	1	8	17.48	17.56	17.22	19.00
3	256QAM	1	14	17.60	17.68	17.34	19.00
3	256QAM	8	0	17.41	17.63	17.22	19.00
3	256QAM	8	4	17.58	17.59	17.34	19.00
3	256QAM	8	7	17.48	17.62	17.26	19.00
3	256QAM	15	0	17.43	17.59	17.35	19.00
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	22.51	22.62	22.27	24.00
1.4	QPSK	1	3	22.32	22.56	22.06	24.00
1.4	QPSK	1	5	22.37	22.48	22.14	24.00
1.4	QPSK	3	0	22.45	22.59	22.22	24.00
1.4	QPSK	3	1	22.52	22.57	22.29	24.00
1.4	QPSK	3	3	22.51	22.52	22.16	24.00
1.4	QPSK	6	0	21.48	21.48	21.23	23.00
1.4	16QAM	1	0	21.51	21.55	21.21	23.00
1.4	16QAM	1	3	21.88	21.88	21.56	23.00
1.4	16QAM	1	5	21.69	21.73	21.45	23.00
1.4	16QAM	3	0	21.46	21.56	21.16	23.00
1.4	16QAM	3	1	21.56	21.59	21.18	23.00
1.4	16QAM	3	3	21.37	21.55	21.21	23.00
1.4	16QAM	6	0	20.45	20.52	20.24	22.00
1.4	64QAM	1	0	20.47	20.53	20.28	22.00
1.4	64QAM	1	3	20.55	20.54	20.21	22.00
1.4	64QAM	1	5	20.44	20.65	20.27	22.00
1.4	64QAM	3	0	20.51	20.50	20.22	22.00
1.4	64QAM	3	1	20.48	20.56	20.19	22.00
1.4	64QAM	3	3	20.36	20.50	20.20	22.00
1.4	64QAM	6	0	19.35	19.58	19.19	21.00
1.4	256QAM	1	0	17.74	17.79	17.61	19.00
1.4	256QAM	1	3	17.51	17.58	17.28	19.00
1.4	256QAM	1	5	17.62	17.76	17.31	19.00
1.4	256QAM	3	0	17.44	17.63	17.16	19.00
1.4	256QAM	3	1	17.49	17.65	17.42	19.00
1.4	256QAM	3	3	17.52	17.59	17.24	19.00
1.4	256QAM	6	0	17.36	17.62	17.31	19.00

【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	22.17	22.24	22.17	23.00
20	QPSK	1	49	22.03	22.19	21.97	23.00
20	QPSK	1	99	22.04	22.23	22.19	23.00
20	QPSK	50	0	21.81	21.85	21.76	23.00
20	QPSK	50	24	21.73	21.83	21.68	23.00
20	QPSK	50	50	21.73	21.79	21.65	23.00
20	QPSK	100	0	21.71	21.73	21.63	23.00
20	16QAM	1	0	21.56	21.69	21.48	23.00
20	16QAM	1	49	21.56	21.70	21.55	23.00
20	16QAM	1	99	21.53	21.71	21.52	23.00
20	16QAM	50	0	20.47	20.66	20.57	22.00
20	16QAM	50	24	20.56	20.69	20.50	22.00
20	16QAM	50	50	20.61	20.69	20.50	22.00
20	16QAM	100	0	20.46	20.65	20.53	22.00
20	64QAM	1	0	20.50	20.58	20.45	22.00
20	64QAM	1	49	20.52	20.66	20.53	22.00

20	64QAM	1	99	20.40	20.57	20.39	22.00
20	64QAM	50	0	19.44	19.60	19.51	21.00
20	64QAM	50	24	19.53	19.65	19.57	21.00
20	64QAM	50	50	19.39	19.58	19.42	21.00
20	64QAM	100	0	19.35	19.51	19.33	21.00
20	256QAM	1	0	17.72	17.80	17.64	19.00
20	256QAM	1	49	17.62	17.73	17.53	19.00
20	256QAM	1	99	17.71	17.80	17.69	19.00
20	256QAM	50	0	17.48	17.65	17.49	19.00
20	256QAM	50	24	17.65	17.75	17.59	19.00
20	256QAM	50	50	17.46	17.60	17.40	19.00
20	256QAM	100	0	17.46	17.61	17.41	19.00
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	22.11	22.09	22.04	23.00
15	QPSK	1	37	21.92	22.10	21.89	23.00
15	QPSK	1	74	21.96	22.08	22.16	23.00
15	QPSK	36	0	21.70	21.73	21.65	23.00
15	QPSK	36	20	21.63	21.81	21.57	23.00
15	QPSK	36	39	21.63	21.67	21.57	23.00
15	QPSK	75	0	21.64	21.66	21.53	23.00
15	16QAM	1	0	21.55	21.56	21.47	23.00
15	16QAM	1	37	21.53	21.62	21.52	23.00
15	16QAM	1	74	21.39	21.68	21.49	23.00
15	16QAM	36	0	20.40	20.54	20.54	22.00
15	16QAM	36	20	20.45	20.66	20.49	22.00
15	16QAM	36	39	20.51	20.59	20.42	22.00
15	16QAM	75	0	20.43	20.57	20.40	22.00
15	64QAM	1	0	20.36	20.51	20.34	22.00
15	64QAM	1	37	20.42	20.63	20.52	22.00
15	64QAM	1	74	20.31	20.51	20.25	22.00
15	64QAM	36	0	19.29	19.48	19.44	21.00
15	64QAM	36	20	19.41	19.59	19.50	21.00
15	64QAM	36	39	19.31	19.44	19.33	21.00
15	64QAM	75	0	19.25	19.37	19.28	21.00
15	256QAM	1	0	17.68	17.70	17.55	19.00
15	256QAM	1	37	17.49	17.61	17.49	19.00
15	256QAM	1	74	17.67	17.70	17.56	19.00
15	256QAM	36	0	17.39	17.51	17.44	19.00
15	256QAM	36	20	17.58	17.73	17.54	19.00
15	256QAM	36	39	17.44	17.46	17.27	19.00
15	256QAM	75	0	17.45	17.47	17.39	19.00
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	22.13	22.14	22.11	23.00
10	QPSK	1	25	21.96	22.10	21.96	23.00
10	QPSK	1	49	22.02	22.22	22.07	23.00
10	QPSK	25	0	21.77	21.80	21.63	23.00
10	QPSK	25	12	21.69	21.74	21.62	23.00
10	QPSK	25	25	21.71	21.66	21.61	23.00
10	QPSK	50	0	21.66	21.61	21.52	23.00
10	16QAM	1	0	21.50	21.60	21.45	23.00
10	16QAM	1	25	21.43	21.58	21.52	23.00
10	16QAM	1	49	21.50	21.67	21.49	23.00
10	16QAM	25	0	20.33	20.63	20.54	22.00
10	16QAM	25	12	20.50	20.55	20.39	22.00
10	16QAM	25	25	20.48	20.67	20.43	22.00
10	16QAM	50	0	20.43	20.56	20.48	22.00
10	64QAM	1	0	20.37	20.54	20.40	22.00
10	64QAM	1	25	20.46	20.64	20.48	22.00
10	64QAM	1	49	20.32	20.42	20.35	22.00
10	64QAM	25	0	19.39	19.53	19.38	21.00
10	64QAM	25	12	19.40	19.58	19.52	21.00
10	64QAM	25	25	19.32	19.46	19.38	21.00
10	64QAM	50	0	19.26	19.47	19.30	21.00
10	256QAM	1	0	17.60	17.73	17.50	19.00
10	256QAM	1	25	17.54	17.64	17.44	19.00
10	256QAM	1	49	17.56	17.76	17.61	19.00
10	256QAM	25	0	17.35	17.52	17.39	19.00
10	256QAM	25	12	17.59	17.70	17.49	19.00
10	256QAM	25	25	17.43	17.46	17.30	19.00
10	256QAM	50	0	17.40	17.48	17.34	19.00
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	22.05	22.22	22.07	23.00
5	QPSK	1	12	22.01	22.13	21.86	23.00
5	QPSK	1	24	21.90	22.19	22.05	23.00
5	QPSK	12	0	21.72	21.70	21.64	23.00

5	QPSK	12	7	21.65	21.77	21.55	23.00
5	QPSK	12	13	21.62	21.67	21.60	23.00
5	QPSK	25	0	21.64	21.60	21.59	23.00
5	16QAM	1	0	21.48	21.66	21.36	23.00
5	16QAM	1	12	21.43	21.64	21.49	23.00
5	16QAM	1	24	21.49	21.63	21.39	23.00
5	16QAM	12	0	20.37	20.57	20.52	22.00
5	16QAM	12	7	20.42	20.61	20.35	22.00
5	16QAM	12	13	20.55	20.64	20.49	22.00
5	16QAM	25	0	20.35	20.62	20.47	22.00
5	64QAM	1	0	20.44	20.49	20.37	22.00
5	64QAM	1	12	20.49	20.54	20.43	22.00
5	64QAM	1	24	20.29	20.44	20.32	22.00
5	64QAM	12	0	19.33	19.57	19.42	21.00
5	64QAM	12	7	19.50	19.52	19.54	21.00
5	64QAM	12	13	19.24	19.53	19.41	21.00
5	64QAM	25	0	19.28	19.46	19.27	21.00
5	256QAM	1	0	17.63	17.70	17.50	19.00
5	256QAM	1	12	17.56	17.67	17.47	19.00
5	256QAM	1	24	17.59	17.65	17.55	19.00
5	256QAM	12	0	17.45	17.64	17.47	19.00
5	256QAM	12	7	17.59	17.72	17.54	19.00
5	256QAM	12	13	17.35	17.59	17.28	19.00
5	256QAM	25	0	17.35	17.50	17.28	19.00
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	22.13	22.16	22.03	23.00
3	QPSK	1	8	21.90	22.11	21.95	23.00
3	QPSK	1	14	21.99	22.10	22.08	23.00
3	QPSK	8	0	21.71	21.82	21.68	23.00
3	QPSK	8	4	21.68	21.82	21.54	23.00
3	QPSK	8	7	21.64	21.69	21.61	23.00
3	QPSK	15	0	21.60	21.62	21.54	23.00
3	16QAM	1	0	21.52	21.59	21.43	23.00
3	16QAM	1	8	21.48	21.59	21.49	23.00
3	16QAM	1	14	21.43	21.66	21.45	23.00
3	16QAM	8	0	20.40	20.56	20.48	22.00
3	16QAM	8	4	20.54	20.65	20.47	22.00
3	16QAM	8	7	20.52	20.64	20.47	22.00
3	16QAM	15	0	20.39	20.59	20.52	22.00
3	64QAM	1	0	20.49	20.44	20.40	22.00
3	64QAM	1	8	20.43	20.56	20.50	22.00
3	64QAM	1	14	20.27	20.54	20.28	22.00
3	64QAM	8	0	19.33	19.59	19.37	21.00
3	64QAM	8	4	19.43	19.60	19.47	21.00
3	64QAM	8	7	19.33	19.52	19.28	21.00
3	64QAM	15	0	19.23	19.41	19.30	21.00
3	256QAM	1	0	17.64	17.73	17.54	19.00
3	256QAM	1	8	17.60	17.70	17.48	19.00
3	256QAM	1	14	17.58	17.76	17.54	19.00
3	256QAM	8	0	17.47	17.61	17.40	19.00
3	256QAM	8	4	17.51	17.70	17.51	19.00
3	256QAM	8	7	17.38	17.53	17.31	19.00
3	256QAM	15	0	17.32	17.59	17.27	19.00
Channel				19957	20175	20393	Tune-up limit
Frequency (MHz)				1710.7	1732.5	1754.3	(dBm)
1.4	QPSK	1	0	22.15	22.15	22.11	23.00
1.4	QPSK	1	3	21.89	22.05	21.86	23.00
1.4	QPSK	1	5	21.94	22.15	22.14	23.00
1.4	QPSK	3	0	21.68	21.74	21.64	23.00
1.4	QPSK	3	1	21.68	21.69	21.60	23.00
1.4	QPSK	3	3	21.63	21.70	21.61	23.00
1.4	QPSK	6	0	21.61	21.70	21.55	23.00
1.4	16QAM	1	0	21.44	21.57	21.37	23.00
1.4	16QAM	1	3	21.53	21.63	21.43	23.00
1.4	16QAM	1	5	21.39	21.67	21.51	23.00
1.4	16QAM	3	0	21.36	21.59	21.50	23.00
1.4	16QAM	3	1	21.51	21.55	21.49	23.00
1.4	16QAM	3	3	21.53	21.63	21.45	23.00
1.4	16QAM	6	0	20.38	20.52	20.50	22.00
1.4	64QAM	1	0	20.43	20.51	20.38	22.00
1.4	64QAM	1	3	20.49	20.60	20.44	22.00
1.4	64QAM	1	5	20.32	20.45	20.30	22.00
1.4	64QAM	3	0	20.40	20.57	20.47	22.00
1.4	64QAM	3	1	20.46	20.59	20.48	22.00
1.4	64QAM	3	3	20.29	20.53	20.35	22.00
1.4	64QAM	6	0	19.31	19.36	19.27	21.00
1.4	256QAM	1	0	17.66	17.67	17.56	19.00

1.4	256QAM	1	3	17.58	17.65	17.46	19.00
1.4	256QAM	1	5	17.70	17.66	17.66	19.00
1.4	256QAM	3	0	17.39	17.60	17.45	19.00
1.4	256QAM	3	1	17.52	17.70	17.48	19.00
1.4	256QAM	3	3	17.43	17.48	17.35	19.00
1.4	256QAM	6	0	17.36	17.53	17.33	19.00

【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	22.65	22.67	22.37	24.00
20	QPSK	1	49	22.42	22.58	22.17	24.00
20	QPSK	1	99	22.46	22.54	22.20	24.00
20	QPSK	50	0	21.58	21.70	21.37	23.00
20	QPSK	50	24	21.55	21.68	21.35	23.00
20	QPSK	50	50	21.56	21.64	21.25	23.00
20	QPSK	100	0	21.52	21.60	21.27	23.00
20	16QAM	1	0	21.62	21.67	21.28	23.00
20	16QAM	1	49	21.93	21.99	21.59	23.00
20	16QAM	1	99	21.83	21.87	21.55	23.00
20	16QAM	50	0	20.52	20.68	20.28	22.00
20	16QAM	50	24	20.63	20.73	20.33	22.00
20	16QAM	50	50	20.47	20.63	20.32	22.00
20	16QAM	100	0	20.60	20.67	20.34	22.00
20	64QAM	1	0	20.49	20.65	20.30	22.00
20	64QAM	1	49	20.56	20.62	20.33	22.00
20	64QAM	1	99	20.57	20.73	20.35	22.00
20	64QAM	50	0	19.55	19.64	19.35	21.00
20	64QAM	50	24	19.51	19.64	19.27	21.00
20	64QAM	50	50	19.44	19.54	19.22	21.00
20	64QAM	100	0	19.45	19.61	19.30	21.00
20	256QAM	1	0	17.81	17.89	17.63	19.00
20	256QAM	1	49	17.60	17.63	17.30	19.00
20	256QAM	1	99	17.73	17.82	17.45	19.00
20	256QAM	50	0	17.53	17.68	17.30	19.00
20	256QAM	50	24	17.60	17.72	17.48	19.00
20	256QAM	50	50	17.58	17.65	17.31	19.00
20	256QAM	100	0	17.50	17.64	17.38	19.00
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	22.55	22.56	22.22	24.00
15	QPSK	1	37	22.41	22.44	22.02	24.00
15	QPSK	1	74	22.34	22.40	22.07	24.00
15	QPSK	36	0	21.54	21.58	21.27	23.00
15	QPSK	36	20	21.46	21.53	21.25	23.00
15	QPSK	36	39	21.52	21.56	21.14	23.00
15	QPSK	75	0	21.40	21.52	21.14	23.00
15	16QAM	1	0	21.58	21.58	21.20	23.00
15	16QAM	1	37	21.92	21.94	21.45	23.00
15	16QAM	1	74	21.70	21.82	21.47	23.00
15	16QAM	36	0	20.48	20.61	20.17	22.00
15	16QAM	36	20	20.51	20.63	20.27	22.00
15	16QAM	36	39	20.35	20.60	20.27	22.00
15	16QAM	75	0	20.50	20.62	20.20	22.00
15	64QAM	1	0	20.47	20.54	20.25	22.00
15	64QAM	1	37	20.41	20.53	20.26	22.00
15	64QAM	1	74	20.53	20.67	20.23	22.00
15	64QAM	36	0	19.50	19.52	19.28	21.00
15	64QAM	36	20	19.46	19.55	19.12	21.00
15	64QAM	36	39	19.30	19.43	19.07	21.00
15	64QAM	75	0	19.40	19.54	19.21	21.00
15	256QAM	1	0	17.74	17.82	17.61	19.00
15	256QAM	1	37	17.46	17.60	17.22	19.00
15	256QAM	1	74	17.66	17.69	17.34	19.00
15	256QAM	36	0	17.39	17.59	17.17	19.00
15	256QAM	36	20	17.53	17.67	17.35	19.00
15	256QAM	36	39	17.46	17.62	17.18	19.00
15	256QAM	75	0	17.49	17.50	17.31	19.00
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	

10	QPSK	1	0	22.58	22.64	22.23	24.00
10	QPSK	1	25	22.36	22.55	22.04	24.00
10	QPSK	1	49	22.36	22.42	22.06	24.00
10	QPSK	25	0	21.50	21.65	21.31	23.00
10	QPSK	25	12	21.41	21.56	21.23	23.00
10	QPSK	25	25	21.49	21.54	21.11	23.00
10	QPSK	50	0	21.43	21.58	21.19	23.00
10	16QAM	1	0	21.57	21.58	21.24	23.00
10	16QAM	1	25	21.87	21.88	21.53	23.00
10	16QAM	1	49	21.75	21.82	21.45	23.00
10	16QAM	25	0	20.40	20.64	20.16	22.00
10	16QAM	25	12	20.54	20.69	20.20	22.00
10	16QAM	25	25	20.33	20.49	20.25	22.00
10	16QAM	50	0	20.59	20.58	20.33	22.00
10	64QAM	1	0	20.35	20.63	20.28	22.00
10	64QAM	1	25	20.44	20.47	20.24	22.00
10	64QAM	1	49	20.47	20.60	20.31	22.00
10	64QAM	25	0	19.46	19.53	19.25	21.00
10	64QAM	25	12	19.37	19.52	19.15	21.00
10	64QAM	25	25	19.41	19.50	19.20	21.00
10	64QAM	50	0	19.36	19.52	19.21	21.00
10	256QAM	1	0	17.69	17.88	17.60	19.00
10	256QAM	1	25	17.52	17.51	17.21	19.00
10	256QAM	1	49	17.60	17.78	17.39	19.00
10	256QAM	25	0	17.48	17.59	17.26	19.00
10	256QAM	25	12	17.49	17.71	17.40	19.00
10	256QAM	25	25	17.46	17.57	17.22	19.00
10	256QAM	50	0	17.41	17.53	17.25	19.00
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	22.52	22.60	22.24	24.00
5	QPSK	1	12	22.29	22.55	22.10	24.00
5	QPSK	1	24	22.33	22.39	22.10	24.00
5	QPSK	12	0	21.45	21.67	21.28	23.00
5	QPSK	12	7	21.47	21.63	21.23	23.00
5	QPSK	12	13	21.47	21.55	21.24	23.00
5	QPSK	25	0	21.45	21.46	21.19	23.00
5	16QAM	1	0	21.51	21.53	21.17	23.00
5	16QAM	1	12	21.82	21.95	21.45	23.00
5	16QAM	1	24	21.79	21.80	21.52	23.00
5	16QAM	12	0	20.49	20.54	20.18	22.00
5	16QAM	12	7	20.53	20.59	20.26	22.00
5	16QAM	12	13	20.41	20.49	20.30	22.00
5	16QAM	25	0	20.54	20.58	20.29	22.00
5	64QAM	1	0	20.46	20.63	20.17	22.00
5	64QAM	1	12	20.49	20.56	20.22	22.00
5	64QAM	1	24	20.51	20.69	20.29	22.00
5	64QAM	12	0	19.41	19.50	19.21	21.00
5	64QAM	12	7	19.45	19.59	19.14	21.00
5	64QAM	12	13	19.35	19.52	19.16	21.00
5	64QAM	25	0	19.35	19.52	19.17	21.00
5	256QAM	1	0	17.76	17.76	17.59	19.00
5	256QAM	1	12	17.49	17.55	17.18	19.00
5	256QAM	1	24	17.60	17.70	17.43	19.00
5	256QAM	12	0	17.45	17.58	17.25	19.00
5	256QAM	12	7	17.53	17.66	17.36	19.00
5	256QAM	12	13	17.45	17.62	17.24	19.00
5	256QAM	25	0	17.40	17.63	17.35	19.00
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	22.63	22.58	22.23	24.00
3	QPSK	1	8	22.31	22.53	22.14	24.00
3	QPSK	1	14	22.34	22.43	22.13	24.00
3	QPSK	8	0	21.56	21.58	21.28	23.00
3	QPSK	8	4	21.51	21.58	21.28	23.00
3	QPSK	8	7	21.47	21.60	21.14	23.00
3	QPSK	15	0	21.41	21.48	21.19	23.00
3	16QAM	1	0	21.51	21.54	21.18	23.00
3	16QAM	1	8	21.84	21.87	21.47	23.00
3	16QAM	1	14	21.76	21.81	21.53	23.00
3	16QAM	8	0	20.42	20.53	20.14	22.00
3	16QAM	8	4	20.59	20.60	20.22	22.00
3	16QAM	8	7	20.44	20.53	20.25	22.00
3	16QAM	15	0	20.48	20.62	20.28	22.00
3	64QAM	1	0	20.36	20.56	20.18	22.00
3	64QAM	1	8	20.49	20.57	20.21	22.00
3	64QAM	1	14	20.53	20.69	20.27	22.00
3	64QAM	8	0	19.47	19.49	19.31	21.00

3	64QAM	8	4	19.43	19.59	19.20	21.00
3	64QAM	8	7	19.36	19.40	19.17	21.00
3	64QAM	15	0	19.37	19.54	19.27	21.00
3	256QAM	1	0	17.79	17.87	17.50	19.00
3	256QAM	1	8	17.48	17.56	17.22	19.00
3	256QAM	1	14	17.60	17.68	17.34	19.00
3	256QAM	8	0	17.41	17.63	17.22	19.00
3	256QAM	8	4	17.58	17.59	17.34	19.00
3	256QAM	8	7	17.48	17.62	17.26	19.00
3	256QAM	15	0	17.43	17.59	17.35	19.00
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	22.51	22.62	22.27	24.00
1.4	QPSK	1	3	22.32	22.56	22.06	24.00
1.4	QPSK	1	5	22.37	22.48	22.14	24.00
1.4	QPSK	3	0	22.45	22.59	22.22	24.00
1.4	QPSK	3	1	22.52	22.57	22.29	24.00
1.4	QPSK	3	3	22.51	22.52	22.16	24.00
1.4	QPSK	6	0	21.48	21.48	21.23	23.00
1.4	16QAM	1	0	21.51	21.55	21.21	23.00
1.4	16QAM	1	3	21.88	21.88	21.56	23.00
1.4	16QAM	1	5	21.69	21.73	21.45	23.00
1.4	16QAM	3	0	21.46	21.56	21.16	23.00
1.4	16QAM	3	1	21.56	21.59	21.18	23.00
1.4	16QAM	3	3	21.37	21.55	21.21	23.00
1.4	16QAM	6	0	20.45	20.52	20.24	22.00
1.4	64QAM	1	0	20.47	20.53	20.28	22.00
1.4	64QAM	1	3	20.55	20.54	20.21	22.00
1.4	64QAM	1	5	20.44	20.65	20.27	22.00
1.4	64QAM	3	0	20.51	20.50	20.22	22.00
1.4	64QAM	3	1	20.48	20.56	20.19	22.00
1.4	64QAM	3	3	20.36	20.50	20.20	22.00
1.4	64QAM	6	0	19.35	19.58	19.19	21.00
1.4	256QAM	1	0	17.74	17.79	17.61	19.00
1.4	256QAM	1	3	17.51	17.58	17.28	19.00
1.4	256QAM	1	5	17.62	17.76	17.31	19.00
1.4	256QAM	3	0	17.44	17.63	17.16	19.00
1.4	256QAM	3	1	17.49	17.65	17.42	19.00
1.4	256QAM	3	3	17.52	17.59	17.24	19.00
1.4	256QAM	6	0	17.36	17.62	17.31	19.00

【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	22.65	22.67	22.37	24.00
20	QPSK	1	49	22.42	22.58	22.17	24.00
20	QPSK	1	99	22.46	22.54	22.20	24.00
20	QPSK	50	0	21.58	21.70	21.37	23.00
20	QPSK	50	24	21.55	21.68	21.35	23.00
20	QPSK	50	50	21.56	21.64	21.25	23.00
20	QPSK	100	0	21.52	21.60	21.27	23.00
20	16QAM	1	0	21.62	21.67	21.28	23.00
20	16QAM	1	49	21.93	21.99	21.59	23.00
20	16QAM	1	99	21.83	21.87	21.55	23.00
20	16QAM	50	0	20.52	20.68	20.28	22.00
20	16QAM	50	24	20.63	20.73	20.33	22.00
20	16QAM	50	50	20.47	20.63	20.32	22.00
20	16QAM	100	0	20.60	20.67	20.34	22.00
20	64QAM	1	0	20.49	20.65	20.30	22.00
20	64QAM	1	49	20.56	20.62	20.33	22.00
20	64QAM	1	99	20.57	20.73	20.35	22.00
20	64QAM	50	0	19.55	19.64	19.35	21.00
20	64QAM	50	24	19.51	19.64	19.27	21.00
20	64QAM	50	50	19.44	19.54	19.22	21.00
20	64QAM	100	0	19.45	19.61	19.30	21.00
20	256QAM	1	0	17.81	17.89	17.63	19.00
20	256QAM	1	49	17.60	17.63	17.30	19.00
20	256QAM	1	99	17.73	17.82	17.45	19.00
20	256QAM	50	0	17.53	17.68	17.30	19.00
20	256QAM	50	24	17.60	17.72	17.48	19.00

20	256QAM	50	50	17.58	17.65	17.31	19.00
20	256QAM	100	0	17.50	17.64	17.38	19.00
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	22.55	22.56	22.22	24.00
15	QPSK	1	37	22.41	22.44	22.02	24.00
15	QPSK	1	74	22.34	22.40	22.07	24.00
15	QPSK	36	0	21.54	21.58	21.27	23.00
15	QPSK	36	20	21.46	21.53	21.25	23.00
15	QPSK	36	39	21.52	21.56	21.14	23.00
15	QPSK	75	0	21.40	21.52	21.14	23.00
15	16QAM	1	0	21.58	21.58	21.20	23.00
15	16QAM	1	37	21.92	21.94	21.45	23.00
15	16QAM	1	74	21.70	21.82	21.47	23.00
15	16QAM	36	0	20.48	20.61	20.17	22.00
15	16QAM	36	20	20.51	20.63	20.27	22.00
15	16QAM	36	39	20.35	20.60	20.27	22.00
15	16QAM	75	0	20.50	20.62	20.20	22.00
15	64QAM	1	0	20.47	20.54	20.25	22.00
15	64QAM	1	37	20.41	20.53	20.26	22.00
15	64QAM	1	74	20.53	20.67	20.23	22.00
15	64QAM	36	0	19.50	19.52	19.28	21.00
15	64QAM	36	20	19.46	19.55	19.12	21.00
15	64QAM	36	39	19.30	19.43	19.07	21.00
15	64QAM	75	0	19.40	19.54	19.21	21.00
15	256QAM	1	0	17.74	17.82	17.61	19.00
15	256QAM	1	37	17.46	17.60	17.22	19.00
15	256QAM	1	74	17.66	17.69	17.34	19.00
15	256QAM	36	0	17.39	17.59	17.17	19.00
15	256QAM	36	20	17.53	17.67	17.35	19.00
15	256QAM	36	39	17.46	17.62	17.18	19.00
15	256QAM	75	0	17.49	17.50	17.31	19.00
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	22.58	22.64	22.23	24.00
10	QPSK	1	25	22.36	22.55	22.04	24.00
10	QPSK	1	49	22.36	22.42	22.06	24.00
10	QPSK	25	0	21.50	21.65	21.31	23.00
10	QPSK	25	12	21.41	21.56	21.23	23.00
10	QPSK	25	25	21.49	21.54	21.11	23.00
10	QPSK	50	0	21.43	21.58	21.19	23.00
10	16QAM	1	0	21.57	21.58	21.24	23.00
10	16QAM	1	25	21.87	21.88	21.53	23.00
10	16QAM	1	49	21.75	21.82	21.45	23.00
10	16QAM	25	0	20.40	20.64	20.16	22.00
10	16QAM	25	12	20.54	20.69	20.20	22.00
10	16QAM	25	25	20.33	20.49	20.25	22.00
10	16QAM	50	0	20.59	20.58	20.33	22.00
10	64QAM	1	0	20.35	20.63	20.28	22.00
10	64QAM	1	25	20.44	20.47	20.24	22.00
10	64QAM	1	49	20.47	20.60	20.31	22.00
10	64QAM	25	0	19.46	19.53	19.25	21.00
10	64QAM	25	12	19.37	19.52	19.15	21.00
10	64QAM	25	25	19.41	19.50	19.20	21.00
10	64QAM	50	0	19.36	19.52	19.21	21.00
10	256QAM	1	0	17.69	17.88	17.60	19.00
10	256QAM	1	25	17.52	17.51	17.21	19.00
10	256QAM	1	49	17.60	17.78	17.39	19.00
10	256QAM	25	0	17.48	17.59	17.26	19.00
10	256QAM	25	12	17.49	17.71	17.40	19.00
10	256QAM	25	25	17.46	17.57	17.22	19.00
10	256QAM	50	0	17.41	17.53	17.25	19.00
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	22.52	22.60	22.24	24.00
5	QPSK	1	12	22.29	22.55	22.10	24.00
5	QPSK	1	24	22.33	22.39	22.10	24.00
5	QPSK	12	0	21.45	21.67	21.28	23.00
5	QPSK	12	7	21.47	21.63	21.23	23.00
5	QPSK	12	13	21.47	21.55	21.24	23.00
5	QPSK	25	0	21.45	21.46	21.19	23.00
5	16QAM	1	0	21.51	21.53	21.17	23.00
5	16QAM	1	12	21.82	21.95	21.45	23.00
5	16QAM	1	24	21.79	21.80	21.52	23.00
5	16QAM	12	0	20.49	20.54	20.18	22.00
5	16QAM	12	7	20.53	20.59	20.26	22.00
5	16QAM	12	13	20.41	20.49	20.30	22.00
5	16QAM	25	0	20.54	20.58	20.29	22.00

5	64QAM	1	0	20.46	20.63	20.17	22.00
5	64QAM	1	12	20.49	20.56	20.22	22.00
5	64QAM	1	24	20.51	20.69	20.29	22.00
5	64QAM	12	0	19.41	19.50	19.21	21.00
5	64QAM	12	7	19.45	19.59	19.14	21.00
5	64QAM	12	13	19.35	19.52	19.16	21.00
5	64QAM	25	0	19.35	19.52	19.17	21.00
5	256QAM	1	0	17.76	17.76	17.59	19.00
5	256QAM	1	12	17.49	17.55	17.18	19.00
5	256QAM	1	24	17.60	17.70	17.43	19.00
5	256QAM	12	0	17.45	17.58	17.25	19.00
5	256QAM	12	7	17.53	17.66	17.36	19.00
5	256QAM	12	13	17.45	17.62	17.24	19.00
5	256QAM	25	0	17.40	17.63	17.35	19.00
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	22.63	22.58	22.23	24.00
3	QPSK	1	8	22.31	22.53	22.14	24.00
3	QPSK	1	14	22.34	22.43	22.13	24.00
3	QPSK	8	0	21.56	21.58	21.28	23.00
3	QPSK	8	4	21.51	21.58	21.28	23.00
3	QPSK	8	7	21.47	21.60	21.14	23.00
3	QPSK	15	0	21.41	21.48	21.19	23.00
3	16QAM	1	0	21.51	21.54	21.18	23.00
3	16QAM	1	8	21.84	21.87	21.47	23.00
3	16QAM	1	14	21.76	21.81	21.53	23.00
3	16QAM	8	0	20.42	20.53	20.14	22.00
3	16QAM	8	4	20.59	20.60	20.22	22.00
3	16QAM	8	7	20.44	20.53	20.25	22.00
3	16QAM	15	0	20.48	20.62	20.28	22.00
3	64QAM	1	0	20.36	20.56	20.18	22.00
3	64QAM	1	8	20.49	20.57	20.21	22.00
3	64QAM	1	14	20.53	20.69	20.27	22.00
3	64QAM	8	0	19.47	19.49	19.31	21.00
3	64QAM	8	4	19.43	19.59	19.20	21.00
3	64QAM	8	7	19.36	19.40	19.17	21.00
3	64QAM	15	0	19.37	19.54	19.27	21.00
3	256QAM	1	0	17.79	17.87	17.50	19.00
3	256QAM	1	8	17.48	17.56	17.22	19.00
3	256QAM	1	14	17.60	17.68	17.34	19.00
3	256QAM	8	0	17.41	17.63	17.22	19.00
3	256QAM	8	4	17.58	17.59	17.34	19.00
3	256QAM	8	7	17.48	17.62	17.26	19.00
3	256QAM	15	0	17.43	17.59	17.35	19.00
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	22.51	22.62	22.27	24.00
1.4	QPSK	1	3	22.32	22.56	22.06	24.00
1.4	QPSK	1	5	22.37	22.48	22.14	24.00
1.4	QPSK	3	0	22.45	22.59	22.22	24.00
1.4	QPSK	3	1	22.52	22.57	22.29	24.00
1.4	QPSK	3	3	22.51	22.52	22.16	24.00
1.4	QPSK	6	0	21.48	21.48	21.23	23.00
1.4	16QAM	1	0	21.51	21.55	21.21	23.00
1.4	16QAM	1	3	21.88	21.88	21.56	23.00
1.4	16QAM	1	5	21.69	21.73	21.45	23.00
1.4	16QAM	3	0	21.46	21.56	21.16	23.00
1.4	16QAM	3	1	21.56	21.59	21.18	23.00
1.4	16QAM	3	3	21.37	21.55	21.21	23.00
1.4	16QAM	6	0	20.45	20.52	20.24	22.00
1.4	64QAM	1	0	20.47	20.53	20.28	22.00
1.4	64QAM	1	3	20.55	20.54	20.21	22.00
1.4	64QAM	1	5	20.44	20.65	20.27	22.00
1.4	64QAM	3	0	20.51	20.50	20.22	22.00
1.4	64QAM	3	1	20.48	20.56	20.19	22.00
1.4	64QAM	3	3	20.36	20.50	20.20	22.00
1.4	64QAM	6	0	19.35	19.58	19.19	21.00
1.4	256QAM	1	0	17.74	17.79	17.61	19.00
1.4	256QAM	1	3	17.51	17.58	17.28	19.00
1.4	256QAM	1	5	17.62	17.76	17.31	19.00
1.4	256QAM	3	0	17.44	17.63	17.16	19.00
1.4	256QAM	3	1	17.49	17.65	17.42	19.00
1.4	256QAM	3	3	17.52	17.59	17.24	19.00
1.4	256QAM	6	0	17.36	17.62	17.31	19.00

【LTE Band 4_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				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	21.12	21.21	21.06	21.90
20	QPSK	1	49	20.92	21.19	20.85	21.90
20	QPSK	1	99	20.97	21.18	21.05	21.90
20	QPSK	50	0	21.02	21.20	20.97	21.90
20	QPSK	50	24	20.98	21.15	20.94	21.90
20	QPSK	50	50	20.98	20.83	20.88	21.90
20	QPSK	100	0	20.96	21.17	21.06	21.90
20	16QAM	1	0	21.08	21.16	20.86	21.90
20	16QAM	1	49	21.07	21.01	20.91	21.90
20	16QAM	1	99	20.98	21.04	20.90	21.90
20	16QAM	50	0	20.52	20.61	20.62	21.90
20	16QAM	50	24	20.56	20.67	20.45	21.90
20	16QAM	50	50	20.58	20.62	20.56	21.90
20	16QAM	100	0	20.66	20.79	20.48	21.90
20	64QAM	1	0	20.60	20.82	20.54	21.90
20	64QAM	1	49	20.71	20.73	20.61	21.90
20	64QAM	1	99	20.71	20.79	20.55	21.90
20	64QAM	50	0	19.42	19.53	19.33	21.00
20	64QAM	50	24	19.40	19.60	19.37	21.00
20	64QAM	50	50	19.31	19.50	19.33	21.00
20	64QAM	100	0	19.40	19.58	19.35	21.00
20	256QAM	1	0	17.71	17.91	17.69	19.00
20	256QAM	1	49	17.59	17.71	17.46	19.00
20	256QAM	1	99	17.60	17.80	17.61	19.00
20	256QAM	50	0	17.50	17.66	17.49	19.00
20	256QAM	50	24	17.51	17.70	17.46	19.00
20	256QAM	50	50	17.53	17.62	17.35	19.00
20	256QAM	100	0	17.38	17.59	17.39	19.00
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	21.01	21.14	20.97	21.90
15	QPSK	1	37	20.80	21.18	20.74	21.90
15	QPSK	1	74	20.96	21.03	21.02	21.90
15	QPSK	36	0	20.87	21.12	20.85	21.90
15	QPSK	36	20	20.83	21.07	20.92	21.90
15	QPSK	36	39	20.84	20.72	20.86	21.90
15	QPSK	75	0	20.91	21.14	20.99	21.90
15	16QAM	1	0	21.06	21.06	20.74	21.90
15	16QAM	1	37	20.96	20.86	20.82	21.90
15	16QAM	1	74	20.89	20.96	20.79	21.90
15	16QAM	36	0	20.46	20.52	20.54	21.90
15	16QAM	36	20	20.53	20.59	20.38	21.90
15	16QAM	36	39	20.48	20.50	20.41	21.90
15	16QAM	75	0	20.65	20.71	20.33	21.90
15	64QAM	1	0	20.46	20.77	20.48	21.90
15	64QAM	1	37	20.69	20.65	20.47	21.90
15	64QAM	1	74	20.57	20.71	20.44	21.90
15	64QAM	36	0	19.40	19.51	19.27	21.00
15	64QAM	36	20	19.28	19.57	19.31	21.00
15	64QAM	36	39	19.28	19.44	19.20	21.00
15	64QAM	75	0	19.39	19.45	19.20	21.00
15	256QAM	1	0	17.69	17.84	17.65	19.00
15	256QAM	1	37	17.47	17.59	17.34	19.00
15	256QAM	1	74	17.55	17.74	17.56	19.00
15	256QAM	36	0	17.49	17.56	17.35	19.00
15	256QAM	36	20	17.38	17.56	17.32	19.00
15	256QAM	36	39	17.44	17.54	17.29	19.00
15	256QAM	75	0	17.28	17.52	17.31	19.00
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	21.07	21.12	20.97	21.90
10	QPSK	1	25	20.85	21.04	20.77	21.90
10	QPSK	1	49	20.87	21.09	20.97	21.90
10	QPSK	25	0	20.92	21.14	20.89	21.90
10	QPSK	25	12	20.91	21.11	20.87	21.90
10	QPSK	25	25	20.87	20.77	20.80	21.90
10	QPSK	50	0	20.90	21.15	21.01	21.90
10	16QAM	1	0	20.95	21.08	20.79	21.90
10	16QAM	1	25	20.94	20.93	20.88	21.90
10	16QAM	1	49	20.90	20.99	20.82	21.90
10	16QAM	25	0	20.48	20.51	20.49	21.90

10	16QAM	25	12	20.46	20.57	20.37	21.90
10	16QAM	25	25	20.45	20.50	20.45	21.90
10	16QAM	50	0	20.55	20.67	20.36	21.90
10	64QAM	1	0	20.46	20.80	20.47	21.90
10	64QAM	1	25	20.67	20.66	20.49	21.90
10	64QAM	1	49	20.65	20.70	20.51	21.90
10	64QAM	25	0	19.31	19.40	19.20	21.00
10	64QAM	25	12	19.38	19.58	19.32	21.00
10	64QAM	25	25	19.24	19.37	19.28	21.00
10	64QAM	50	0	19.39	19.52	19.25	21.00
10	256QAM	1	0	17.65	17.77	17.62	19.00
10	256QAM	1	25	17.49	17.69	17.33	19.00
10	256QAM	1	49	17.54	17.69	17.49	19.00
10	256QAM	25	0	17.48	17.61	17.48	19.00
10	256QAM	25	12	17.37	17.58	17.34	19.00
10	256QAM	25	25	17.41	17.51	17.26	19.00
10	256QAM	50	0	17.37	17.54	17.33	19.00
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	21.05	21.09	20.93	21.90
5	QPSK	1	12	20.79	21.09	20.76	21.90
5	QPSK	1	24	20.96	21.10	21.02	21.90
5	QPSK	12	0	20.94	21.09	20.82	21.90
5	QPSK	12	7	20.92	21.06	20.88	21.90
5	QPSK	12	13	20.88	20.72	20.76	21.90
5	QPSK	25	0	20.90	21.12	21.03	21.90
5	16QAM	1	0	21.03	21.09	20.78	21.90
5	16QAM	1	12	20.95	20.88	20.76	21.90
5	16QAM	1	24	20.97	20.94	20.87	21.90
5	16QAM	12	0	20.43	20.57	20.49	21.90
5	16QAM	12	7	20.50	20.63	20.39	21.90
5	16QAM	12	13	20.49	20.47	20.44	21.90
5	16QAM	25	0	20.62	20.72	20.36	21.90
5	64QAM	1	0	20.55	20.72	20.43	21.90
5	64QAM	1	12	20.67	20.63	20.56	21.90
5	64QAM	1	24	20.58	20.67	20.51	21.90
5	64QAM	12	0	19.29	19.49	19.25	21.00
5	64QAM	12	7	19.33	19.56	19.36	21.00
5	64QAM	12	13	19.21	19.39	19.23	21.00
5	64QAM	25	0	19.38	19.53	19.28	21.00
5	256QAM	1	0	17.69	17.86	17.65	19.00
5	256QAM	1	12	17.44	17.65	17.31	19.00
5	256QAM	1	24	17.46	17.73	17.48	19.00
5	256QAM	12	0	17.44	17.64	17.45	19.00
5	256QAM	12	7	17.41	17.66	17.39	19.00
5	256QAM	12	13	17.47	17.51	17.21	19.00
5	256QAM	25	0	17.23	17.47	17.32	19.00
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	21.05	21.18	21.03	21.90
3	QPSK	1	8	20.88	21.10	20.74	21.90
3	QPSK	1	14	20.89	21.04	20.97	21.90
3	QPSK	8	0	20.98	21.08	20.92	21.90
3	QPSK	8	4	20.95	21.05	20.91	21.90
3	QPSK	8	7	20.84	20.78	20.79	21.90
3	QPSK	15	0	20.86	21.04	21.03	21.90
3	16QAM	1	0	20.96	21.14	20.72	21.90
3	16QAM	1	8	20.99	20.89	20.77	21.90
3	16QAM	1	14	20.84	20.97	20.80	21.90
3	16QAM	8	0	20.49	20.51	20.50	21.90
3	16QAM	8	4	20.42	20.62	20.36	21.90
3	16QAM	8	7	20.47	20.49	20.50	21.90
3	16QAM	15	0	20.53	20.67	20.35	21.90
3	64QAM	1	0	20.50	20.72	20.43	21.90
3	64QAM	1	8	20.65	20.67	20.48	21.90
3	64QAM	1	14	20.63	20.73	20.52	21.90
3	64QAM	8	0	19.35	19.41	19.22	21.00
3	64QAM	8	4	19.33	19.51	19.35	21.00
3	64QAM	8	7	19.29	19.43	19.29	21.00
3	64QAM	15	0	19.26	19.55	19.28	21.00
3	256QAM	1	0	17.59	17.89	17.57	19.00
3	256QAM	1	8	17.51	17.61	17.45	19.00
3	256QAM	1	14	17.54	17.75	17.55	19.00
3	256QAM	8	0	17.36	17.51	17.41	19.00
3	256QAM	8	4	17.50	17.64	17.37	19.00
3	256QAM	8	7	17.45	17.50	17.24	19.00
3	256QAM	15	0	17.31	17.56	17.38	19.00
Channel				19957	20175	20393	Tune-up limit

Frequency (MHz)				1710.7	1732.5	1754.3	(dBm)
1.4	QPSK	1	0	21.04	21.17	21.03	21.90
1.4	QPSK	1	3	20.79	21.17	20.82	21.90
1.4	QPSK	1	5	20.88	21.05	20.95	21.90
1.4	QPSK	3	0	20.91	21.10	20.93	21.90
1.4	QPSK	3	1	20.91	21.04	20.92	21.90
1.4	QPSK	3	3	20.96	20.81	20.78	21.90
1.4	QPSK	6	0	20.94	21.02	21.00	21.90
1.4	16QAM	1	0	21.07	21.09	20.82	21.90
1.4	16QAM	1	3	21.00	20.91	20.87	21.90
1.4	16QAM	1	5	20.85	20.97	20.88	21.90
1.4	16QAM	3	0	20.49	20.53	20.51	21.90
1.4	16QAM	3	1	20.48	20.64	20.40	21.90
1.4	16QAM	3	3	20.54	20.59	20.51	21.90
1.4	16QAM	6	0	20.63	20.72	20.46	21.90
1.4	64QAM	1	0	20.56	20.72	20.52	21.90
1.4	64QAM	1	3	20.60	20.69	20.46	21.90
1.4	64QAM	1	5	20.62	20.68	20.53	21.90
1.4	64QAM	3	0	20.25	20.37	20.21	21.90
1.4	64QAM	3	1	20.20	20.44	20.16	21.90
1.4	64QAM	3	3	20.14	20.26	20.08	21.90
1.4	64QAM	6	0	19.34	19.53	19.27	21.00
1.4	256QAM	1	0	17.69	17.78	17.58	19.00
1.4	256QAM	1	3	17.46	17.59	17.42	19.00
1.4	256QAM	1	5	17.50	17.70	17.50	19.00
1.4	256QAM	3	0	17.41	17.60	17.45	19.00
1.4	256QAM	3	1	17.42	17.55	17.40	19.00
1.4	256QAM	3	3	17.41	17.55	17.29	19.00
1.4	256QAM	6	0	17.27	17.57	17.37	19.00

【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	22.70	23.07	22.87	24.00
10	QPSK	1	25	22.61	23.00	22.75	24.00
10	QPSK	1	49	22.45	22.91	22.57	24.00
10	QPSK	25	0	21.65	22.03	21.75	23.00
10	QPSK	25	12	21.45	21.92	21.59	23.00
10	QPSK	25	25	21.61	21.97	21.70	23.00
10	QPSK	50	0	21.78	22.16	21.92	23.00
10	16QAM	1	0	21.63	22.06	21.79	23.00
10	16QAM	1	25	21.90	22.32	22.08	23.00
10	16QAM	1	49	22.12	22.58	22.37	23.00
10	16QAM	25	0	20.67	21.03	20.71	22.00
10	16QAM	25	12	20.81	21.23	20.91	22.00
10	16QAM	25	25	20.73	21.18	20.91	22.00
10	16QAM	50	0	20.65	21.11	20.86	22.00
10	64QAM	1	0	20.76	21.22	20.99	22.00
10	64QAM	1	25	20.77	21.19	20.92	22.00
10	64QAM	1	49	21.10	21.59	21.26	22.00
10	64QAM	25	0	19.59	20.00	19.68	21.00
10	64QAM	25	12	19.72	20.19	20.00	21.00
10	64QAM	25	25	19.86	20.20	19.99	21.00
10	64QAM	50	0	19.75	20.14	19.85	21.00
10	256QAM	1	0	17.65	17.96	17.66	19.00
10	256QAM	1	25	17.95	18.29	18.06	19.00
10	256QAM	1	49	17.92	18.35	18.04	19.00
10	256QAM	25	0	17.74	18.08	17.91	19.00
10	256QAM	25	12	17.84	18.15	17.96	19.00
10	256QAM	25	25	17.83	18.16	17.89	19.00
10	256QAM	50	0	17.82	18.17	17.99	19.00
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	22.66	23.05	22.83	24.00
5	QPSK	1	12	22.48	22.85	22.73	24.00
5	QPSK	1	24	22.30	22.79	22.55	24.00
5	QPSK	12	0	21.44	21.90	21.70	23.00
5	QPSK	12	7	21.35	21.89	21.51	23.00
5	QPSK	12	13	21.52	21.92	21.65	23.00
5	QPSK	25	0	21.72	22.04	21.77	23.00

5	16QAM	1	0	21.49	21.97	21.73	23.00
5	16QAM	1	12	21.87	22.23	22.05	23.00
5	16QAM	1	24	22.00	22.52	22.26	23.00
5	16QAM	12	0	20.63	20.96	20.68	22.00
5	16QAM	12	7	20.80	21.14	20.89	22.00
5	16QAM	12	13	20.71	21.12	20.86	22.00
5	16QAM	25	0	20.53	20.99	20.71	22.00
5	64QAM	1	0	20.65	21.12	20.89	22.00
5	64QAM	1	12	20.74	21.04	20.83	22.00
5	64QAM	1	24	21.09	21.54	21.12	22.00
5	64QAM	12	0	19.50	19.86	19.55	21.00
5	64QAM	12	7	19.71	20.13	19.87	21.00
5	64QAM	12	13	19.84	20.13	19.90	21.00
5	64QAM	25	0	19.67	20.05	19.73	21.00
5	256QAM	1	0	17.58	17.90	17.62	19.00
5	256QAM	1	12	17.82	18.28	18.04	19.00
5	256QAM	1	24	17.89	18.27	17.92	19.00
5	256QAM	12	0	17.61	18.00	17.83	19.00
5	256QAM	12	7	17.70	18.12	17.82	19.00
5	256QAM	12	13	17.73	18.03	17.80	19.00
5	256QAM	25	0	17.71	18.09	17.88	19.00
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	22.69	23.01	22.86	24.00
3	QPSK	1	8	22.55	22.96	22.62	24.00
3	QPSK	1	14	22.42	22.85	22.44	24.00
3	QPSK	8	0	21.47	21.99	21.63	23.00
3	QPSK	8	4	21.30	21.89	21.49	23.00
3	QPSK	8	7	21.53	21.92	21.64	23.00
3	QPSK	15	0	21.70	22.11	21.82	23.00
3	16QAM	1	0	21.56	21.95	21.77	23.00
3	16QAM	1	8	21.84	22.29	21.94	23.00
3	16QAM	1	14	22.06	22.55	22.32	23.00
3	16QAM	8	0	20.58	20.92	20.68	22.00
3	16QAM	8	4	20.76	21.10	20.80	22.00
3	16QAM	8	7	20.67	21.13	20.82	22.00
3	16QAM	15	0	20.60	21.00	20.73	22.00
3	64QAM	1	0	20.62	21.08	20.93	22.00
3	64QAM	1	8	20.65	21.05	20.89	22.00
3	64QAM	1	14	20.96	21.51	21.23	22.00
3	64QAM	8	0	19.49	19.88	19.64	21.00
3	64QAM	8	4	19.58	20.09	19.87	21.00
3	64QAM	8	7	19.81	20.08	19.97	21.00
3	64QAM	15	0	19.69	20.08	19.75	21.00
3	256QAM	1	0	17.54	17.87	17.57	19.00
3	256QAM	1	8	17.82	18.16	17.98	19.00
3	256QAM	1	14	17.85	18.33	17.93	19.00
3	256QAM	8	0	17.61	18.00	17.80	19.00
3	256QAM	8	4	17.81	18.09	17.85	19.00
3	256QAM	8	7	17.80	18.03	17.80	19.00
3	256QAM	15	0	17.69	18.16	17.84	19.00
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	22.62	22.98	22.82	24.00
1.4	QPSK	1	3	22.53	22.87	22.72	24.00
1.4	QPSK	1	5	22.42	22.90	22.56	24.00
1.4	QPSK	3	0	22.57	22.97	22.69	24.00
1.4	QPSK	3	1	22.32	22.83	22.49	24.00
1.4	QPSK	3	3	22.60	22.92	22.57	24.00
1.4	QPSK	6	0	21.70	22.04	21.78	23.00
1.4	16QAM	1	0	21.51	21.99	21.72	23.00
1.4	16QAM	1	3	21.88	22.29	22.03	23.00
1.4	16QAM	1	5	22.01	22.52	22.25	23.00
1.4	16QAM	3	0	21.57	22.00	21.57	23.00
1.4	16QAM	3	1	21.76	22.11	21.89	23.00
1.4	16QAM	3	3	21.70	22.04	21.80	23.00
1.4	16QAM	6	0	20.58	21.04	20.79	22.00
1.4	64QAM	1	0	20.67	21.08	20.87	22.00
1.4	64QAM	1	3	20.72	21.06	20.90	22.00
1.4	64QAM	1	5	20.96	21.49	21.16	22.00
1.4	64QAM	3	0	20.52	20.94	20.60	22.00
1.4	64QAM	3	1	20.64	21.14	20.93	22.00
1.4	64QAM	3	3	20.77	21.19	20.92	22.00
1.4	64QAM	6	0	19.73	20.09	19.72	21.00
1.4	256QAM	1	0	17.62	17.91	17.52	19.00
1.4	256QAM	1	3	17.94	18.20	17.97	19.00
1.4	256QAM	1	5	17.89	18.23	18.03	19.00
1.4	256QAM	3	0	17.63	17.94	17.86	19.00

1.4	256QAM	3	1	17.70	18.13	17.81	19.00
1.4	256QAM	3	3	17.74	18.14	17.82	19.00
1.4	256QAM	6	0	17.67	18.11	17.94	19.00

【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	22.70	23.07	22.87	24.00
10	QPSK	1	25	22.61	23.00	22.75	24.00
10	QPSK	1	49	22.45	22.91	22.57	24.00
10	QPSK	25	0	21.65	22.03	21.75	23.00
10	QPSK	25	12	21.45	21.92	21.59	23.00
10	QPSK	25	25	21.61	21.97	21.70	23.00
10	QPSK	50	0	21.78	22.16	21.92	23.00
10	16QAM	1	0	21.63	22.06	21.79	23.00
10	16QAM	1	25	21.90	22.32	22.08	23.00
10	16QAM	1	49	22.12	22.58	22.37	23.00
10	16QAM	25	0	20.67	21.03	20.71	22.00
10	16QAM	25	12	20.81	21.23	20.91	22.00
10	16QAM	25	25	20.73	21.18	20.91	22.00
10	16QAM	50	0	20.65	21.11	20.86	22.00
10	64QAM	1	0	20.76	21.22	20.99	22.00
10	64QAM	1	25	20.77	21.19	20.92	22.00
10	64QAM	1	49	21.10	21.59	21.26	22.00
10	64QAM	25	0	19.59	20.00	19.68	21.00
10	64QAM	25	12	19.72	20.19	20.00	21.00
10	64QAM	25	25	19.86	20.20	19.99	21.00
10	64QAM	50	0	19.75	20.14	19.85	21.00
10	256QAM	1	0	17.65	17.96	17.66	19.00
10	256QAM	1	25	17.95	18.29	18.06	19.00
10	256QAM	1	49	17.92	18.35	18.04	19.00
10	256QAM	25	0	17.74	18.08	17.91	19.00
10	256QAM	25	12	17.84	18.15	17.96	19.00
10	256QAM	25	25	17.83	18.16	17.89	19.00
10	256QAM	50	0	17.82	18.17	17.99	19.00
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	22.66	23.05	22.83	24.00
5	QPSK	1	12	22.48	22.85	22.73	24.00
5	QPSK	1	24	22.30	22.79	22.55	24.00
5	QPSK	12	0	21.44	21.90	21.70	23.00
5	QPSK	12	7	21.35	21.89	21.51	23.00
5	QPSK	12	13	21.52	21.92	21.65	23.00
5	QPSK	25	0	21.72	22.04	21.77	23.00
5	16QAM	1	0	21.49	21.97	21.73	23.00
5	16QAM	1	12	21.87	22.23	22.05	23.00
5	16QAM	1	24	22.00	22.52	22.26	23.00
5	16QAM	12	0	20.63	20.96	20.68	22.00
5	16QAM	12	7	20.80	21.14	20.89	22.00
5	16QAM	12	13	20.71	21.12	20.86	22.00
5	16QAM	25	0	20.53	20.99	20.71	22.00
5	64QAM	1	0	20.65	21.12	20.89	22.00
5	64QAM	1	12	20.74	21.04	20.83	22.00
5	64QAM	1	24	21.09	21.54	21.12	22.00
5	64QAM	12	0	19.50	19.86	19.55	21.00
5	64QAM	12	7	19.71	20.13	19.87	21.00
5	64QAM	12	13	19.84	20.13	19.90	21.00
5	64QAM	25	0	19.67	20.05	19.73	21.00
5	256QAM	1	0	17.58	17.90	17.62	19.00
5	256QAM	1	12	17.82	18.28	18.04	19.00
5	256QAM	1	24	17.89	18.27	17.92	19.00
5	256QAM	12	0	17.61	18.00	17.83	19.00
5	256QAM	12	7	17.70	18.12	17.82	19.00
5	256QAM	12	13	17.73	18.03	17.80	19.00
5	256QAM	25	0	17.71	18.09	17.88	19.00
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	22.69	23.01	22.86	24.00
3	QPSK	1	8	22.55	22.96	22.62	24.00
3	QPSK	1	14	22.42	22.85	22.44	24.00

3	QPSK	8	0	21.47	21.99	21.63	23.00
3	QPSK	8	4	21.30	21.89	21.49	23.00
3	QPSK	8	7	21.53	21.92	21.64	23.00
3	QPSK	15	0	21.70	22.11	21.82	23.00
3	16QAM	1	0	21.56	21.95	21.77	23.00
3	16QAM	1	8	21.84	22.29	21.94	23.00
3	16QAM	1	14	22.06	22.55	22.32	23.00
3	16QAM	8	0	20.58	20.92	20.68	22.00
3	16QAM	8	4	20.76	21.10	20.80	22.00
3	16QAM	8	7	20.67	21.13	20.82	22.00
3	16QAM	15	0	20.60	21.00	20.73	22.00
3	64QAM	1	0	20.62	21.08	20.93	22.00
3	64QAM	1	8	20.65	21.05	20.89	22.00
3	64QAM	1	14	20.96	21.51	21.23	22.00
3	64QAM	8	0	19.49	19.88	19.64	21.00
3	64QAM	8	4	19.58	20.09	19.87	21.00
3	64QAM	8	7	19.81	20.08	19.97	21.00
3	64QAM	15	0	19.69	20.08	19.75	21.00
3	256QAM	1	0	17.54	17.87	17.57	19.00
3	256QAM	1	8	17.82	18.16	17.98	19.00
3	256QAM	1	14	17.85	18.33	17.93	19.00
3	256QAM	8	0	17.61	18.00	17.80	19.00
3	256QAM	8	4	17.81	18.09	17.85	19.00
3	256QAM	8	7	17.80	18.03	17.80	19.00
3	256QAM	15	0	17.69	18.16	17.84	19.00
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	22.62	22.98	22.82	24.00
1.4	QPSK	1	3	22.53	22.87	22.72	24.00
1.4	QPSK	1	5	22.42	22.90	22.56	24.00
1.4	QPSK	3	0	22.57	22.97	22.69	24.00
1.4	QPSK	3	1	22.32	22.83	22.49	24.00
1.4	QPSK	3	3	22.60	22.92	22.57	24.00
1.4	QPSK	6	0	21.70	22.04	21.78	23.00
1.4	16QAM	1	0	21.51	21.99	21.72	23.00
1.4	16QAM	1	3	21.88	22.29	22.03	23.00
1.4	16QAM	1	5	22.01	22.52	22.25	23.00
1.4	16QAM	3	0	21.57	22.00	21.57	23.00
1.4	16QAM	3	1	21.76	22.11	21.89	23.00
1.4	16QAM	3	3	21.70	22.04	21.80	23.00
1.4	16QAM	6	0	20.58	21.04	20.79	22.00
1.4	64QAM	1	0	20.67	21.08	20.87	22.00
1.4	64QAM	1	3	20.72	21.06	20.90	22.00
1.4	64QAM	1	5	20.96	21.49	21.16	22.00
1.4	64QAM	3	0	20.52	20.94	20.60	22.00
1.4	64QAM	3	1	20.64	21.14	20.93	22.00
1.4	64QAM	3	3	20.77	21.19	20.92	22.00
1.4	64QAM	6	0	19.73	20.09	19.72	21.00
1.4	256QAM	1	0	17.62	17.91	17.52	19.00
1.4	256QAM	1	3	17.94	18.20	17.97	19.00
1.4	256QAM	1	5	17.89	18.23	18.03	19.00
1.4	256QAM	3	0	17.63	17.94	17.86	19.00
1.4	256QAM	3	1	17.70	18.13	17.81	19.00
1.4	256QAM	3	3	17.74	18.14	17.82	19.00
1.4	256QAM	6	0	17.67	18.11	17.94	19.00

【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	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	22.70	23.07	22.87	24.00
10	QPSK	1	25	22.61	23.00	22.75	24.00
10	QPSK	1	49	22.45	22.91	22.57	24.00
10	QPSK	25	0	21.65	22.03	21.75	23.00
10	QPSK	25	12	21.45	21.92	21.59	23.00
10	QPSK	25	25	21.61	21.97	21.70	23.00
10	QPSK	50	0	21.78	22.16	21.92	23.00
10	16QAM	1	0	21.63	22.06	21.79	23.00
10	16QAM	1	25	21.90	22.32	22.08	23.00
10	16QAM	1	49	22.12	22.58	22.37	23.00
10	16QAM	25	0	20.67	21.03	20.71	22.00

10	16QAM	25	12	20.81	21.23	20.91	22.00
10	16QAM	25	25	20.73	21.18	20.91	22.00
10	16QAM	50	0	20.65	21.11	20.86	22.00
10	64QAM	1	0	20.76	21.22	20.99	22.00
10	64QAM	1	25	20.77	21.19	20.92	22.00
10	64QAM	1	49	21.10	21.59	21.26	22.00
10	64QAM	25	0	19.59	20.00	19.68	21.00
10	64QAM	25	12	19.72	20.19	20.00	21.00
10	64QAM	25	25	19.86	20.20	19.99	21.00
10	64QAM	50	0	19.75	20.14	19.85	21.00
10	256QAM	1	0	17.65	17.96	17.66	19.00
10	256QAM	1	25	17.95	18.29	18.06	19.00
10	256QAM	1	49	17.92	18.35	18.04	19.00
10	256QAM	25	0	17.74	18.08	17.91	19.00
10	256QAM	25	12	17.84	18.15	17.96	19.00
10	256QAM	25	25	17.83	18.16	17.89	19.00
10	256QAM	50	0	17.82	18.17	17.99	19.00
Channel				20425	20525	20625	Tune-up limit
Frequency (MHz)				826.5	836.5	846.5	(dBm)
5	QPSK	1	0	22.66	23.05	22.83	24.00
5	QPSK	1	12	22.48	22.85	22.73	24.00
5	QPSK	1	24	22.30	22.79	22.55	24.00
5	QPSK	12	0	21.44	21.90	21.70	23.00
5	QPSK	12	7	21.35	21.89	21.51	23.00
5	QPSK	12	13	21.52	21.92	21.65	23.00
5	QPSK	25	0	21.72	22.04	21.77	23.00
5	16QAM	1	0	21.49	21.97	21.73	23.00
5	16QAM	1	12	21.87	22.23	22.05	23.00
5	16QAM	1	24	22.00	22.52	22.26	23.00
5	16QAM	12	0	20.63	20.96	20.68	22.00
5	16QAM	12	7	20.80	21.14	20.89	22.00
5	16QAM	12	13	20.71	21.12	20.86	22.00
5	16QAM	25	0	20.53	20.99	20.71	22.00
5	64QAM	1	0	20.65	21.12	20.89	22.00
5	64QAM	1	12	20.74	21.04	20.83	22.00
5	64QAM	1	24	21.09	21.54	21.12	22.00
5	64QAM	12	0	19.50	19.86	19.55	21.00
5	64QAM	12	7	19.71	20.13	19.87	21.00
5	64QAM	12	13	19.84	20.13	19.90	21.00
5	64QAM	25	0	19.67	20.05	19.73	21.00
5	256QAM	1	0	17.58	17.90	17.62	19.00
5	256QAM	1	12	17.82	18.28	18.04	19.00
5	256QAM	1	24	17.89	18.27	17.92	19.00
5	256QAM	12	0	17.61	18.00	17.83	19.00
5	256QAM	12	7	17.70	18.12	17.82	19.00
5	256QAM	12	13	17.73	18.03	17.80	19.00
5	256QAM	25	0	17.71	18.09	17.88	19.00
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	22.69	23.01	22.86	24.00
3	QPSK	1	8	22.55	22.96	22.62	24.00
3	QPSK	1	14	22.42	22.85	22.44	24.00
3	QPSK	8	0	21.47	21.99	21.63	23.00
3	QPSK	8	4	21.30	21.89	21.49	23.00
3	QPSK	8	7	21.53	21.92	21.64	23.00
3	QPSK	15	0	21.70	22.11	21.82	23.00
3	16QAM	1	0	21.56	21.95	21.77	23.00
3	16QAM	1	8	21.84	22.29	21.94	23.00
3	16QAM	1	14	22.06	22.55	22.32	23.00
3	16QAM	8	0	20.58	20.92	20.68	22.00
3	16QAM	8	4	20.76	21.10	20.80	22.00
3	16QAM	8	7	20.67	21.13	20.82	22.00
3	16QAM	15	0	20.60	21.00	20.73	22.00
3	64QAM	1	0	20.62	21.08	20.93	22.00
3	64QAM	1	8	20.65	21.05	20.89	22.00
3	64QAM	1	14	20.96	21.51	21.23	22.00
3	64QAM	8	0	19.49	19.88	19.64	21.00
3	64QAM	8	4	19.58	20.09	19.87	21.00
3	64QAM	8	7	19.81	20.08	19.97	21.00
3	64QAM	15	0	19.69	20.08	19.75	21.00
3	256QAM	1	0	17.54	17.87	17.57	19.00
3	256QAM	1	8	17.82	18.16	17.98	19.00
3	256QAM	1	14	17.85	18.33	17.93	19.00
3	256QAM	8	0	17.61	18.00	17.80	19.00
3	256QAM	8	4	17.81	18.09	17.85	19.00
3	256QAM	8	7	17.80	18.03	17.80	19.00
3	256QAM	15	0	17.69	18.16	17.84	19.00
Channel				20407	20525	20643	Tune-up limit

Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	22.62	22.98	22.82	24.00
1.4	QPSK	1	3	22.53	22.87	22.72	24.00
1.4	QPSK	1	5	22.42	22.90	22.56	24.00
1.4	QPSK	3	0	22.57	22.97	22.69	24.00
1.4	QPSK	3	1	22.32	22.83	22.49	24.00
1.4	QPSK	3	3	22.60	22.92	22.57	24.00
1.4	QPSK	6	0	21.70	22.04	21.78	23.00
1.4	16QAM	1	0	21.51	21.99	21.72	23.00
1.4	16QAM	1	3	21.88	22.29	22.03	23.00
1.4	16QAM	1	5	22.01	22.52	22.25	23.00
1.4	16QAM	3	0	21.57	22.00	21.57	23.00
1.4	16QAM	3	1	21.76	22.11	21.89	23.00
1.4	16QAM	3	3	21.70	22.04	21.80	23.00
1.4	16QAM	6	0	20.58	21.04	20.79	22.00
1.4	64QAM	1	0	20.67	21.08	20.87	22.00
1.4	64QAM	1	3	20.72	21.06	20.90	22.00
1.4	64QAM	1	5	20.96	21.49	21.16	22.00
1.4	64QAM	3	0	20.52	20.94	20.60	22.00
1.4	64QAM	3	1	20.64	21.14	20.93	22.00
1.4	64QAM	3	3	20.77	21.19	20.92	22.00
1.4	64QAM	6	0	19.73	20.09	19.72	21.00
1.4	256QAM	1	0	17.62	17.91	17.52	19.00
1.4	256QAM	1	3	17.94	18.20	17.97	19.00
1.4	256QAM	1	5	17.89	18.23	18.03	19.00
1.4	256QAM	3	0	17.63	17.94	17.86	19.00
1.4	256QAM	3	1	17.70	18.13	17.81	19.00
1.4	256QAM	3	3	17.74	18.14	17.82	19.00
1.4	256QAM	6	0	17.67	18.11	17.94	19.00

【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	22.70	23.07	22.87	24.00
10	QPSK	1	25	22.61	23.00	22.75	24.00
10	QPSK	1	49	22.45	22.91	22.57	24.00
10	QPSK	25	0	21.65	22.03	21.75	23.00
10	QPSK	25	12	21.45	21.92	21.59	23.00
10	QPSK	25	25	21.61	21.97	21.70	23.00
10	QPSK	50	0	21.78	22.16	21.92	23.00
10	16QAM	1	0	21.63	22.06	21.79	23.00
10	16QAM	1	25	21.90	22.32	22.08	23.00
10	16QAM	1	49	22.12	22.58	22.37	23.00
10	16QAM	25	0	20.67	21.03	20.71	22.00
10	16QAM	25	12	20.81	21.23	20.91	22.00
10	16QAM	25	25	20.73	21.18	20.91	22.00
10	16QAM	50	0	20.65	21.11	20.86	22.00
10	64QAM	1	0	20.76	21.22	20.99	22.00
10	64QAM	1	25	20.77	21.19	20.92	22.00
10	64QAM	1	49	21.10	21.59	21.26	22.00
10	64QAM	25	0	19.59	20.00	19.68	21.00
10	64QAM	25	12	19.72	20.19	20.00	21.00
10	64QAM	25	25	19.86	20.20	19.99	21.00
10	64QAM	50	0	19.75	20.14	19.85	21.00
10	256QAM	1	0	17.65	17.96	17.66	19.00
10	256QAM	1	25	17.95	18.29	18.06	19.00
10	256QAM	1	49	17.92	18.35	18.04	19.00
10	256QAM	25	0	17.74	18.08	17.91	19.00
10	256QAM	25	12	17.84	18.15	17.96	19.00
10	256QAM	25	25	17.83	18.16	17.89	19.00
10	256QAM	50	0	17.82	18.17	17.99	19.00
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	22.66	23.05	22.83	24.00
5	QPSK	1	12	22.48	22.85	22.73	24.00
5	QPSK	1	24	22.30	22.79	22.55	24.00
5	QPSK	12	0	21.44	21.90	21.70	23.00
5	QPSK	12	7	21.35	21.89	21.51	23.00
5	QPSK	12	13	21.52	21.92	21.65	23.00
5	QPSK	25	0	21.72	22.04	21.77	23.00

5	16QAM	1	0	21.49	21.97	21.73	23.00
5	16QAM	1	12	21.87	22.23	22.05	23.00
5	16QAM	1	24	22.00	22.52	22.26	23.00
5	16QAM	12	0	20.63	20.96	20.68	22.00
5	16QAM	12	7	20.80	21.14	20.89	22.00
5	16QAM	12	13	20.71	21.12	20.86	22.00
5	16QAM	25	0	20.53	20.99	20.71	22.00
5	64QAM	1	0	20.65	21.12	20.89	22.00
5	64QAM	1	12	20.74	21.04	20.83	22.00
5	64QAM	1	24	21.09	21.54	21.12	22.00
5	64QAM	12	0	19.50	19.86	19.55	21.00
5	64QAM	12	7	19.71	20.13	19.87	21.00
5	64QAM	12	13	19.84	20.13	19.90	21.00
5	64QAM	25	0	19.67	20.05	19.73	21.00
5	256QAM	1	0	17.58	17.90	17.62	19.00
5	256QAM	1	12	17.82	18.28	18.04	19.00
5	256QAM	1	24	17.89	18.27	17.92	19.00
5	256QAM	12	0	17.61	18.00	17.83	19.00
5	256QAM	12	7	17.70	18.12	17.82	19.00
5	256QAM	12	13	17.73	18.03	17.80	19.00
5	256QAM	25	0	17.71	18.09	17.88	19.00
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	22.69	23.01	22.86	24.00
3	QPSK	1	8	22.55	22.96	22.62	24.00
3	QPSK	1	14	22.42	22.85	22.44	24.00
3	QPSK	8	0	21.47	21.99	21.63	23.00
3	QPSK	8	4	21.30	21.89	21.49	23.00
3	QPSK	8	7	21.53	21.92	21.64	23.00
3	QPSK	15	0	21.70	22.11	21.82	23.00
3	16QAM	1	0	21.56	21.95	21.77	23.00
3	16QAM	1	8	21.84	22.29	21.94	23.00
3	16QAM	1	14	22.06	22.55	22.32	23.00
3	16QAM	8	0	20.58	20.92	20.68	22.00
3	16QAM	8	4	20.76	21.10	20.80	22.00
3	16QAM	8	7	20.67	21.13	20.82	22.00
3	16QAM	15	0	20.60	21.00	20.73	22.00
3	64QAM	1	0	20.62	21.08	20.93	22.00
3	64QAM	1	8	20.65	21.05	20.89	22.00
3	64QAM	1	14	20.96	21.51	21.23	22.00
3	64QAM	8	0	19.49	19.88	19.64	21.00
3	64QAM	8	4	19.58	20.09	19.87	21.00
3	64QAM	8	7	19.81	20.08	19.97	21.00
3	64QAM	15	0	19.69	20.08	19.75	21.00
3	256QAM	1	0	17.54	17.87	17.57	19.00
3	256QAM	1	8	17.82	18.16	17.98	19.00
3	256QAM	1	14	17.85	18.33	17.93	19.00
3	256QAM	8	0	17.61	18.00	17.80	19.00
3	256QAM	8	4	17.81	18.09	17.85	19.00
3	256QAM	8	7	17.80	18.03	17.80	19.00
3	256QAM	15	0	17.69	18.16	17.84	19.00
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	22.62	22.98	22.82	24.00
1.4	QPSK	1	3	22.53	22.87	22.72	24.00
1.4	QPSK	1	5	22.42	22.90	22.56	24.00
1.4	QPSK	3	0	22.57	22.97	22.69	24.00
1.4	QPSK	3	1	22.32	22.83	22.49	24.00
1.4	QPSK	3	3	22.60	22.92	22.57	24.00
1.4	QPSK	6	0	21.70	22.04	21.78	23.00
1.4	16QAM	1	0	21.51	21.99	21.72	23.00
1.4	16QAM	1	3	21.88	22.29	22.03	23.00
1.4	16QAM	1	5	22.01	22.52	22.25	23.00
1.4	16QAM	3	0	21.57	22.00	21.57	23.00
1.4	16QAM	3	1	21.76	22.11	21.89	23.00
1.4	16QAM	3	3	21.70	22.04	21.80	23.00
1.4	16QAM	6	0	20.58	21.04	20.79	22.00
1.4	64QAM	1	0	20.67	21.08	20.87	22.00
1.4	64QAM	1	3	20.72	21.06	20.90	22.00
1.4	64QAM	1	5	20.96	21.49	21.16	22.00
1.4	64QAM	3	0	20.52	20.94	20.60	22.00
1.4	64QAM	3	1	20.64	21.14	20.93	22.00
1.4	64QAM	3	3	20.77	21.19	20.92	22.00
1.4	64QAM	6	0	19.73	20.09	19.72	21.00
1.4	256QAM	1	0	17.62	17.91	17.52	19.00
1.4	256QAM	1	3	17.94	18.20	17.97	19.00
1.4	256QAM	1	5	17.89	18.23	18.03	19.00
1.4	256QAM	3	0	17.63	17.94	17.86	19.00

1.4	256QAM	3	1	17.70	18.13	17.81	19.00
1.4	256QAM	3	3	17.74	18.14	17.82	19.00
1.4	256QAM	6	0	17.67	18.11	17.94	19.00

【LTE Band 5_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				20450	20525	20600	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	22.70	23.07	22.87	24.00
10	QPSK	1	25	22.61	23.00	22.75	24.00
10	QPSK	1	49	22.45	22.91	22.57	24.00
10	QPSK	25	0	21.65	22.03	21.75	23.00
10	QPSK	25	12	21.45	21.92	21.59	23.00
10	QPSK	25	25	21.61	21.97	21.70	23.00
10	QPSK	50	0	21.78	22.16	21.92	23.00
10	16QAM	1	0	21.63	22.06	21.79	23.00
10	16QAM	1	25	21.90	22.32	22.08	23.00
10	16QAM	1	49	22.12	22.58	22.37	23.00
10	16QAM	25	0	20.67	21.03	20.71	22.00
10	16QAM	25	12	20.81	21.23	20.91	22.00
10	16QAM	25	25	20.73	21.18	20.91	22.00
10	16QAM	50	0	20.65	21.11	20.86	22.00
10	64QAM	1	0	20.76	21.22	20.99	22.00
10	64QAM	1	25	20.77	21.19	20.92	22.00
10	64QAM	1	49	21.10	21.59	21.26	22.00
10	64QAM	25	0	19.59	20.00	19.68	21.00
10	64QAM	25	12	19.72	20.19	20.00	21.00
10	64QAM	25	25	19.86	20.20	19.99	21.00
10	64QAM	50	0	19.75	20.14	19.85	21.00
10	256QAM	1	0	17.65	17.96	17.66	19.00
10	256QAM	1	25	17.95	18.29	18.06	19.00
10	256QAM	1	49	17.92	18.35	18.04	19.00
10	256QAM	25	0	17.74	18.08	17.91	19.00
10	256QAM	25	12	17.84	18.15	17.96	19.00
10	256QAM	25	25	17.83	18.16	17.89	19.00
10	256QAM	50	0	17.82	18.17	17.99	19.00
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	22.66	23.05	22.83	24.00
5	QPSK	1	12	22.48	22.85	22.73	24.00
5	QPSK	1	24	22.30	22.79	22.55	24.00
5	QPSK	12	0	21.44	21.90	21.70	23.00
5	QPSK	12	7	21.35	21.89	21.51	23.00
5	QPSK	12	13	21.52	21.92	21.65	23.00
5	QPSK	25	0	21.72	22.04	21.77	23.00
5	16QAM	1	0	21.49	21.97	21.73	23.00
5	16QAM	1	12	21.87	22.23	22.05	23.00
5	16QAM	1	24	22.00	22.52	22.26	23.00
5	16QAM	12	0	20.63	20.96	20.68	22.00
5	16QAM	12	7	20.80	21.14	20.89	22.00
5	16QAM	12	13	20.71	21.12	20.86	22.00
5	16QAM	25	0	20.53	20.99	20.71	22.00
5	64QAM	1	0	20.65	21.12	20.89	22.00
5	64QAM	1	12	20.74	21.04	20.83	22.00
5	64QAM	1	24	21.09	21.54	21.12	22.00
5	64QAM	12	0	19.50	19.86	19.55	21.00
5	64QAM	12	7	19.71	20.13	19.87	21.00
5	64QAM	12	13	19.84	20.13	19.90	21.00
5	64QAM	25	0	19.67	20.05	19.73	21.00
5	256QAM	1	0	17.58	17.90	17.62	19.00
5	256QAM	1	12	17.82	18.28	18.04	19.00
5	256QAM	1	24	17.89	18.27	17.92	19.00
5	256QAM	12	0	17.61	18.00	17.83	19.00
5	256QAM	12	7	17.70	18.12	17.82	19.00
5	256QAM	12	13	17.73	18.03	17.80	19.00
5	256QAM	25	0	17.71	18.09	17.88	19.00
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	22.69	23.01	22.86	24.00
3	QPSK	1	8	22.55	22.96	22.62	24.00
3	QPSK	1	14	22.42	22.85	22.44	24.00

3	QPSK	8	0	21.47	21.99	21.63	23.00
3	QPSK	8	4	21.30	21.89	21.49	23.00
3	QPSK	8	7	21.53	21.92	21.64	23.00
3	QPSK	15	0	21.70	22.11	21.82	23.00
3	16QAM	1	0	21.56	21.95	21.77	23.00
3	16QAM	1	8	21.84	22.29	21.94	23.00
3	16QAM	1	14	22.06	22.55	22.32	23.00
3	16QAM	8	0	20.58	20.92	20.68	22.00
3	16QAM	8	4	20.76	21.10	20.80	22.00
3	16QAM	8	7	20.67	21.13	20.82	22.00
3	16QAM	15	0	20.60	21.00	20.73	22.00
3	64QAM	1	0	20.62	21.08	20.93	22.00
3	64QAM	1	8	20.65	21.05	20.89	22.00
3	64QAM	1	14	20.96	21.51	21.23	22.00
3	64QAM	8	0	19.49	19.88	19.64	21.00
3	64QAM	8	4	19.58	20.09	19.87	21.00
3	64QAM	8	7	19.81	20.08	19.97	21.00
3	64QAM	15	0	19.69	20.08	19.75	21.00
3	256QAM	1	0	17.54	17.87	17.57	19.00
3	256QAM	1	8	17.82	18.16	17.98	19.00
3	256QAM	1	14	17.85	18.33	17.93	19.00
3	256QAM	8	0	17.61	18.00	17.80	19.00
3	256QAM	8	4	17.81	18.09	17.85	19.00
3	256QAM	8	7	17.80	18.03	17.80	19.00
3	256QAM	15	0	17.69	18.16	17.84	19.00
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	22.62	22.98	22.82	24.00
1.4	QPSK	1	3	22.53	22.87	22.72	24.00
1.4	QPSK	1	5	22.42	22.90	22.56	24.00
1.4	QPSK	3	0	22.57	22.97	22.69	24.00
1.4	QPSK	3	1	22.32	22.83	22.49	24.00
1.4	QPSK	3	3	22.60	22.92	22.57	24.00
1.4	QPSK	6	0	21.70	22.04	21.78	23.00
1.4	16QAM	1	0	21.51	21.99	21.72	23.00
1.4	16QAM	1	3	21.88	22.29	22.03	23.00
1.4	16QAM	1	5	22.01	22.52	22.25	23.00
1.4	16QAM	3	0	21.57	22.00	21.57	23.00
1.4	16QAM	3	1	21.76	22.11	21.89	23.00
1.4	16QAM	3	3	21.70	22.04	21.80	23.00
1.4	16QAM	6	0	20.58	21.04	20.79	22.00
1.4	64QAM	1	0	20.67	21.08	20.87	22.00
1.4	64QAM	1	3	20.72	21.06	20.90	22.00
1.4	64QAM	1	5	20.96	21.49	21.16	22.00
1.4	64QAM	3	0	20.52	20.94	20.60	22.00
1.4	64QAM	3	1	20.64	21.14	20.93	22.00
1.4	64QAM	3	3	20.77	21.19	20.92	22.00
1.4	64QAM	6	0	19.73	20.09	19.72	21.00
1.4	256QAM	1	0	17.62	17.91	17.52	19.00
1.4	256QAM	1	3	17.94	18.20	17.97	19.00
1.4	256QAM	1	5	17.89	18.23	18.03	19.00
1.4	256QAM	3	0	17.63	17.94	17.86	19.00
1.4	256QAM	3	1	17.70	18.13	17.81	19.00
1.4	256QAM	3	3	17.74	18.14	17.82	19.00
1.4	256QAM	6	0	17.67	18.11	17.94	19.00

【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	22.70	23.07	22.87	24.00
10	QPSK	1	25	22.61	23.00	22.75	24.00
10	QPSK	1	49	22.45	22.91	22.57	24.00
10	QPSK	25	0	21.65	22.03	21.75	23.00
10	QPSK	25	12	21.45	21.92	21.59	23.00
10	QPSK	25	25	21.61	21.97	21.70	23.00
10	QPSK	50	0	21.78	22.16	21.92	23.00
10	16QAM	1	0	21.63	22.06	21.79	23.00
10	16QAM	1	25	21.90	22.32	22.08	23.00
10	16QAM	1	49	22.12	22.58	22.37	23.00
10	16QAM	25	0	20.67	21.03	20.71	22.00

10	16QAM	25	12	20.81	21.23	20.91	22.00
10	16QAM	25	25	20.73	21.18	20.91	22.00
10	16QAM	50	0	20.65	21.11	20.86	22.00
10	64QAM	1	0	20.76	21.22	20.99	22.00
10	64QAM	1	25	20.77	21.19	20.92	22.00
10	64QAM	1	49	21.10	21.59	21.26	22.00
10	64QAM	25	0	19.59	20.00	19.68	21.00
10	64QAM	25	12	19.72	20.19	20.00	21.00
10	64QAM	25	25	19.86	20.20	19.99	21.00
10	64QAM	50	0	19.75	20.14	19.85	21.00
10	256QAM	1	0	17.65	17.96	17.66	19.00
10	256QAM	1	25	17.95	18.29	18.06	19.00
10	256QAM	1	49	17.92	18.35	18.04	19.00
10	256QAM	25	0	17.74	18.08	17.91	19.00
10	256QAM	25	12	17.84	18.15	17.96	19.00
10	256QAM	25	25	17.83	18.16	17.89	19.00
10	256QAM	50	0	17.82	18.17	17.99	19.00
Channel				20425	20525	20625	Tune-up limit
Frequency (MHz)				826.5	836.5	846.5	(dBm)
5	QPSK	1	0	22.66	23.05	22.83	24.00
5	QPSK	1	12	22.48	22.85	22.73	24.00
5	QPSK	1	24	22.30	22.79	22.55	24.00
5	QPSK	12	0	21.44	21.90	21.70	23.00
5	QPSK	12	7	21.35	21.89	21.51	23.00
5	QPSK	12	13	21.52	21.92	21.65	23.00
5	QPSK	25	0	21.72	22.04	21.77	23.00
5	16QAM	1	0	21.49	21.97	21.73	23.00
5	16QAM	1	12	21.87	22.23	22.05	23.00
5	16QAM	1	24	22.00	22.52	22.26	23.00
5	16QAM	12	0	20.63	20.96	20.68	22.00
5	16QAM	12	7	20.80	21.14	20.89	22.00
5	16QAM	12	13	20.71	21.12	20.86	22.00
5	16QAM	25	0	20.53	20.99	20.71	22.00
5	64QAM	1	0	20.65	21.12	20.89	22.00
5	64QAM	1	12	20.74	21.04	20.83	22.00
5	64QAM	1	24	21.09	21.54	21.12	22.00
5	64QAM	12	0	19.50	19.86	19.55	21.00
5	64QAM	12	7	19.71	20.13	19.87	21.00
5	64QAM	12	13	19.84	20.13	19.90	21.00
5	64QAM	25	0	19.67	20.05	19.73	21.00
5	256QAM	1	0	17.58	17.90	17.62	19.00
5	256QAM	1	12	17.82	18.28	18.04	19.00
5	256QAM	1	24	17.89	18.27	17.92	19.00
5	256QAM	12	0	17.61	18.00	17.83	19.00
5	256QAM	12	7	17.70	18.12	17.82	19.00
5	256QAM	12	13	17.73	18.03	17.80	19.00
5	256QAM	25	0	17.71	18.09	17.88	19.00
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	22.69	23.01	22.86	24.00
3	QPSK	1	8	22.55	22.96	22.62	24.00
3	QPSK	1	14	22.42	22.85	22.44	24.00
3	QPSK	8	0	21.47	21.99	21.63	23.00
3	QPSK	8	4	21.30	21.89	21.49	23.00
3	QPSK	8	7	21.53	21.92	21.64	23.00
3	QPSK	15	0	21.70	22.11	21.82	23.00
3	16QAM	1	0	21.56	21.95	21.77	23.00
3	16QAM	1	8	21.84	22.29	21.94	23.00
3	16QAM	1	14	22.06	22.55	22.32	23.00
3	16QAM	8	0	20.58	20.92	20.68	22.00
3	16QAM	8	4	20.76	21.10	20.80	22.00
3	16QAM	8	7	20.67	21.13	20.82	22.00
3	16QAM	15	0	20.60	21.00	20.73	22.00
3	64QAM	1	0	20.62	21.08	20.93	22.00
3	64QAM	1	8	20.65	21.05	20.89	22.00
3	64QAM	1	14	20.96	21.51	21.23	22.00
3	64QAM	8	0	19.49	19.88	19.64	21.00
3	64QAM	8	4	19.58	20.09	19.87	21.00
3	64QAM	8	7	19.81	20.08	19.97	21.00
3	64QAM	15	0	19.69	20.08	19.75	21.00
3	256QAM	1	0	17.54	17.87	17.57	19.00
3	256QAM	1	8	17.82	18.16	17.98	19.00
3	256QAM	1	14	17.85	18.33	17.93	19.00
3	256QAM	8	0	17.61	18.00	17.80	19.00
3	256QAM	8	4	17.81	18.09	17.85	19.00
3	256QAM	8	7	17.80	18.03	17.80	19.00
3	256QAM	15	0	17.69	18.16	17.84	19.00
Channel				20407	20525	20643	Tune-up limit

Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	22.62	22.98	22.82	24.00
1.4	QPSK	1	3	22.53	22.87	22.72	24.00
1.4	QPSK	1	5	22.42	22.90	22.56	24.00
1.4	QPSK	3	0	22.57	22.97	22.69	24.00
1.4	QPSK	3	1	22.32	22.83	22.49	24.00
1.4	QPSK	3	3	22.60	22.92	22.57	24.00
1.4	QPSK	6	0	21.70	22.04	21.78	23.00
1.4	16QAM	1	0	21.51	21.99	21.72	23.00
1.4	16QAM	1	3	21.88	22.29	22.03	23.00
1.4	16QAM	1	5	22.01	22.52	22.25	23.00
1.4	16QAM	3	0	21.57	22.00	21.57	23.00
1.4	16QAM	3	1	21.76	22.11	21.89	23.00
1.4	16QAM	3	3	21.70	22.04	21.80	23.00
1.4	16QAM	6	0	20.58	21.04	20.79	22.00
1.4	64QAM	1	0	20.67	21.08	20.87	22.00
1.4	64QAM	1	3	20.72	21.06	20.90	22.00
1.4	64QAM	1	5	20.96	21.49	21.16	22.00
1.4	64QAM	3	0	20.52	20.94	20.60	22.00
1.4	64QAM	3	1	20.64	21.14	20.93	22.00
1.4	64QAM	3	3	20.77	21.19	20.92	22.00
1.4	64QAM	6	0	19.73	20.09	19.72	21.00
1.4	256QAM	1	0	17.62	17.91	17.52	19.00
1.4	256QAM	1	3	17.94	18.20	17.97	19.00
1.4	256QAM	1	5	17.89	18.23	18.03	19.00
1.4	256QAM	3	0	17.63	17.94	17.86	19.00
1.4	256QAM	3	1	17.70	18.13	17.81	19.00
1.4	256QAM	3	3	17.74	18.14	17.82	19.00
1.4	256QAM	6	0	17.67	18.11	17.94	19.00

【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	22.95	23.10	23.02	24.00
10	QPSK	1	25	22.81	22.97	22.87	24.00
10	QPSK	1	49	22.89	23.07	22.89	24.00
10	QPSK	25	0	21.85	22.09	21.97	23.00
10	QPSK	25	12	21.80	22.02	21.82	23.00
10	QPSK	25	25	21.78	22.07	21.96	23.00
10	QPSK	50	0	21.83	22.03	21.86	23.00
10	16QAM	1	0	21.89	22.11	21.99	23.00
10	16QAM	1	25	21.93	22.16	22.04	23.00
10	16QAM	1	49	22.15	22.44	22.35	23.00
10	16QAM	25	0	20.74	20.96	20.81	22.00
10	16QAM	25	12	20.89	21.08	21.00	22.00
10	16QAM	25	25	20.95	21.13	21.00	22.00
10	16QAM	50	0	20.81	21.07	20.87	22.00
10	64QAM	1	0	20.82	21.02	20.84	22.00
10	64QAM	1	25	21.00	21.16	21.07	22.00
10	64QAM	1	49	21.00	21.17	20.96	22.00
10	64QAM	25	0	19.75	19.95	19.74	21.00
10	64QAM	25	12	19.75	20.03	19.85	21.00
10	64QAM	25	25	19.82	20.07	19.87	21.00
10	64QAM	50	0	19.79	20.00	19.82	21.00
10	256QAM	1	0	17.78	17.96	17.86	19.00
10	256QAM	1	25	18.02	18.18	18.04	19.00
10	256QAM	1	49	18.00	18.19	18.11	19.00
10	256QAM	25	0	17.72	17.96	17.81	19.00
10	256QAM	25	12	17.81	18.02	17.81	19.00
10	256QAM	25	25	17.94	18.09	17.94	19.00
10	256QAM	50	0	17.76	18.02	17.82	19.00
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	22.83	23.08	22.92	24.00
5	QPSK	1	12	22.73	22.86	22.78	24.00
5	QPSK	1	24	22.81	22.93	22.78	24.00
5	QPSK	12	0	21.74	21.95	21.75	23.00
5	QPSK	12	7	21.67	21.95	21.76	23.00
5	QPSK	12	13	21.67	22.00	21.89	23.00
5	QPSK	25	0	21.80	21.89	21.76	23.00

5	16QAM	1	0	21.80	22.01	21.87	23.00
5	16QAM	1	12	21.82	22.04	21.91	23.00
5	16QAM	1	24	22.10	22.30	22.21	23.00
5	16QAM	12	0	20.68	20.95	20.74	22.00
5	16QAM	12	7	20.80	20.98	20.87	22.00
5	16QAM	12	13	20.82	21.12	20.97	22.00
5	16QAM	25	0	20.68	20.98	20.79	22.00
5	64QAM	1	0	20.75	20.90	20.80	22.00
5	64QAM	1	12	20.95	21.14	20.93	22.00
5	64QAM	1	24	20.95	21.12	20.83	22.00
5	64QAM	12	0	19.62	19.82	19.68	21.00
5	64QAM	12	7	19.66	19.99	19.84	21.00
5	64QAM	12	13	19.71	19.99	19.74	21.00
5	64QAM	25	0	19.65	19.95	19.75	21.00
5	256QAM	1	0	17.75	17.95	17.76	19.00
5	256QAM	1	12	17.95	18.11	17.96	19.00
5	256QAM	1	24	17.99	18.15	18.04	19.00
5	256QAM	12	0	17.57	17.92	17.78	19.00
5	256QAM	12	7	17.68	17.89	17.79	19.00
5	256QAM	12	13	17.80	18.04	17.86	19.00
5	256QAM	25	0	17.73	17.93	17.79	19.00
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	22.86	23.04	22.87	24.00
3	QPSK	1	8	22.72	22.87	22.84	24.00
3	QPSK	1	14	22.76	23.05	22.75	24.00
3	QPSK	8	0	21.72	21.95	21.75	23.00
3	QPSK	8	4	21.67	21.92	21.76	23.00
3	QPSK	8	7	21.75	21.97	21.94	23.00
3	QPSK	15	0	21.72	21.93	21.82	23.00
3	16QAM	1	0	21.76	22.08	21.87	23.00
3	16QAM	1	8	21.88	22.14	21.92	23.00
3	16QAM	1	14	22.13	22.39	22.30	23.00
3	16QAM	8	0	20.70	20.91	20.72	22.00
3	16QAM	8	4	20.83	21.03	20.90	22.00
3	16QAM	8	7	20.94	20.98	20.92	22.00
3	16QAM	15	0	20.79	21.02	20.80	22.00
3	64QAM	1	0	20.78	20.91	20.71	22.00
3	64QAM	1	8	20.92	21.11	20.98	22.00
3	64QAM	1	14	20.88	21.09	20.83	22.00
3	64QAM	8	0	19.68	19.85	19.59	21.00
3	64QAM	8	4	19.71	19.90	19.82	21.00
3	64QAM	8	7	19.79	19.94	19.79	21.00
3	64QAM	15	0	19.73	19.92	19.69	21.00
3	256QAM	1	0	17.64	17.83	17.81	19.00
3	256QAM	1	8	17.90	18.11	17.94	19.00
3	256QAM	1	14	17.87	18.08	18.08	19.00
3	256QAM	8	0	17.64	17.92	17.68	19.00
3	256QAM	8	4	17.78	18.00	17.76	19.00
3	256QAM	8	7	17.93	17.97	17.91	19.00
3	256QAM	15	0	17.68	17.88	17.67	19.00
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	22.88	22.97	22.97	24.00
1.4	QPSK	1	3	22.77	22.85	22.77	24.00
1.4	QPSK	1	5	22.88	22.98	22.83	24.00
1.4	QPSK	3	0	22.83	22.98	22.83	24.00
1.4	QPSK	3	1	22.71	22.95	22.75	24.00
1.4	QPSK	3	3	22.76	22.94	22.88	24.00
1.4	QPSK	6	0	21.68	21.97	21.83	23.00
1.4	16QAM	1	0	21.83	21.97	21.93	23.00
1.4	16QAM	1	3	21.91	22.11	21.91	23.00
1.4	16QAM	1	5	22.09	22.34	22.30	23.00
1.4	16QAM	3	0	21.62	21.82	21.70	23.00
1.4	16QAM	3	1	21.85	21.95	21.89	23.00
1.4	16QAM	3	3	21.88	21.98	21.96	23.00
1.4	16QAM	6	0	20.68	21.02	20.86	22.00
1.4	64QAM	1	0	20.78	20.87	20.71	22.00
1.4	64QAM	1	3	20.88	21.06	20.96	22.00
1.4	64QAM	1	5	20.87	21.13	20.84	22.00
1.4	64QAM	3	0	20.65	20.81	20.71	22.00
1.4	64QAM	3	1	20.64	20.89	20.75	22.00
1.4	64QAM	3	3	20.71	21.05	20.81	22.00
1.4	64QAM	6	0	19.66	19.89	19.78	21.00
1.4	256QAM	1	0	17.64	17.88	17.76	19.00
1.4	256QAM	1	3	18.00	18.11	18.00	19.00
1.4	256QAM	1	5	17.94	18.10	18.06	19.00
1.4	256QAM	3	0	17.66	17.93	17.80	19.00

1.4	256QAM	3	1	17.68	17.91	17.73	19.00
1.4	256QAM	3	3	17.80	18.06	17.86	19.00
1.4	256QAM	6	0	17.73	17.90	17.70	19.00

【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	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	22.95	23.10	23.02	24.00
10	QPSK	1	25	22.81	22.97	22.87	24.00
10	QPSK	1	49	22.89	23.07	22.89	24.00
10	QPSK	25	0	21.85	22.09	21.97	23.00
10	QPSK	25	12	21.80	22.02	21.82	23.00
10	QPSK	25	25	21.78	22.07	21.96	23.00
10	QPSK	50	0	21.83	22.03	21.86	23.00
10	16QAM	1	0	21.89	22.11	21.99	23.00
10	16QAM	1	25	21.93	22.16	22.04	23.00
10	16QAM	1	49	22.15	22.44	22.35	23.00
10	16QAM	25	0	20.74	20.96	20.81	22.00
10	16QAM	25	12	20.89	21.08	21.00	22.00
10	16QAM	25	25	20.95	21.13	21.00	22.00
10	16QAM	50	0	20.81	21.07	20.87	22.00
10	64QAM	1	0	20.82	21.02	20.84	22.00
10	64QAM	1	25	21.00	21.16	21.07	22.00
10	64QAM	1	49	21.00	21.17	20.96	22.00
10	64QAM	25	0	19.75	19.95	19.74	21.00
10	64QAM	25	12	19.75	20.03	19.85	21.00
10	64QAM	25	25	19.82	20.07	19.87	21.00
10	64QAM	50	0	19.79	20.00	19.82	21.00
10	256QAM	1	0	17.78	17.96	17.86	19.00
10	256QAM	1	25	18.02	18.18	18.04	19.00
10	256QAM	1	49	18.00	18.19	18.11	19.00
10	256QAM	25	0	17.72	17.96	17.81	19.00
10	256QAM	25	12	17.81	18.02	17.81	19.00
10	256QAM	25	25	17.94	18.09	17.94	19.00
10	256QAM	50	0	17.76	18.02	17.82	19.00
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	22.83	23.08	22.92	24.00
5	QPSK	1	12	22.73	22.86	22.78	24.00
5	QPSK	1	24	22.81	22.93	22.78	24.00
5	QPSK	12	0	21.74	21.95	21.75	23.00
5	QPSK	12	7	21.67	21.95	21.76	23.00
5	QPSK	12	13	21.67	22.00	21.89	23.00
5	QPSK	25	0	21.80	21.89	21.76	23.00
5	16QAM	1	0	21.80	22.01	21.87	23.00
5	16QAM	1	12	21.82	22.04	21.91	23.00
5	16QAM	1	24	22.10	22.30	22.21	23.00
5	16QAM	12	0	20.68	20.95	20.74	22.00
5	16QAM	12	7	20.80	20.98	20.87	22.00
5	16QAM	12	13	20.82	21.12	20.97	22.00
5	16QAM	25	0	20.68	20.98	20.79	22.00
5	64QAM	1	0	20.75	20.90	20.80	22.00
5	64QAM	1	12	20.95	21.14	20.93	22.00
5	64QAM	1	24	20.95	21.12	20.83	22.00
5	64QAM	12	0	19.62	19.82	19.68	21.00
5	64QAM	12	7	19.66	19.99	19.84	21.00
5	64QAM	12	13	19.71	19.99	19.74	21.00
5	64QAM	25	0	19.65	19.95	19.75	21.00
5	256QAM	1	0	17.75	17.95	17.76	19.00
5	256QAM	1	12	17.95	18.11	17.96	19.00
5	256QAM	1	24	17.99	18.15	18.04	19.00
5	256QAM	12	0	17.57	17.92	17.78	19.00
5	256QAM	12	7	17.68	17.89	17.79	19.00
5	256QAM	12	13	17.80	18.04	17.86	19.00
5	256QAM	25	0	17.73	17.93	17.79	19.00
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	22.86	23.04	22.87	24.00
3	QPSK	1	8	22.72	22.87	22.84	24.00
3	QPSK	1	14	22.76	23.05	22.75	24.00

3	QPSK	8	0	21.72	21.95	21.75	23.00
3	QPSK	8	4	21.67	21.92	21.76	23.00
3	QPSK	8	7	21.75	21.97	21.94	23.00
3	QPSK	15	0	21.72	21.93	21.82	23.00
3	16QAM	1	0	21.76	22.08	21.87	23.00
3	16QAM	1	8	21.88	22.14	21.92	23.00
3	16QAM	1	14	22.13	22.39	22.30	23.00
3	16QAM	8	0	20.70	20.91	20.72	22.00
3	16QAM	8	4	20.83	21.03	20.90	22.00
3	16QAM	8	7	20.94	20.98	20.92	22.00
3	16QAM	15	0	20.79	21.02	20.80	22.00
3	64QAM	1	0	20.78	20.91	20.71	22.00
3	64QAM	1	8	20.92	21.11	20.98	22.00
3	64QAM	1	14	20.88	21.09	20.83	22.00
3	64QAM	8	0	19.68	19.85	19.59	21.00
3	64QAM	8	4	19.71	19.90	19.82	21.00
3	64QAM	8	7	19.79	19.94	19.79	21.00
3	64QAM	15	0	19.73	19.92	19.69	21.00
3	256QAM	1	0	17.64	17.83	17.81	19.00
3	256QAM	1	8	17.90	18.11	17.94	19.00
3	256QAM	1	14	17.87	18.08	18.08	19.00
3	256QAM	8	0	17.64	17.92	17.68	19.00
3	256QAM	8	4	17.78	18.00	17.76	19.00
3	256QAM	8	7	17.93	17.97	17.91	19.00
3	256QAM	15	0	17.68	17.88	17.67	19.00
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	22.88	22.97	22.97	24.00
1.4	QPSK	1	3	22.77	22.85	22.77	24.00
1.4	QPSK	1	5	22.88	22.98	22.83	24.00
1.4	QPSK	3	0	22.83	22.98	22.83	24.00
1.4	QPSK	3	1	22.71	22.95	22.75	24.00
1.4	QPSK	3	3	22.76	22.94	22.88	24.00
1.4	QPSK	6	0	21.68	21.97	21.83	23.00
1.4	16QAM	1	0	21.83	21.97	21.93	23.00
1.4	16QAM	1	3	21.91	22.11	21.91	23.00
1.4	16QAM	1	5	22.09	22.34	22.30	23.00
1.4	16QAM	3	0	21.62	21.82	21.70	23.00
1.4	16QAM	3	1	21.85	21.95	21.89	23.00
1.4	16QAM	3	3	21.88	21.98	21.96	23.00
1.4	16QAM	6	0	20.68	21.02	20.86	22.00
1.4	64QAM	1	0	20.78	20.87	20.71	22.00
1.4	64QAM	1	3	20.88	21.06	20.96	22.00
1.4	64QAM	1	5	20.87	21.13	20.84	22.00
1.4	64QAM	3	0	20.65	20.81	20.71	22.00
1.4	64QAM	3	1	20.64	20.89	20.75	22.00
1.4	64QAM	3	3	20.71	21.05	20.81	22.00
1.4	64QAM	6	0	19.66	19.89	19.78	21.00
1.4	256QAM	1	0	17.64	17.88	17.76	19.00
1.4	256QAM	1	3	18.00	18.11	18.00	19.00
1.4	256QAM	1	5	17.94	18.10	18.06	19.00
1.4	256QAM	3	0	17.66	17.93	17.80	19.00
1.4	256QAM	3	1	17.68	17.91	17.73	19.00
1.4	256QAM	3	3	17.80	18.06	17.86	19.00
1.4	256QAM	6	0	17.73	17.90	17.70	19.00

【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	20.70	20.77	20.67	21.00
10	QPSK	1	25	20.55	20.58	20.40	21.00
10	QPSK	1	49	20.59	20.58	20.44	21.00
10	QPSK	25	0	20.47	20.64	20.47	21.00
10	QPSK	25	12	20.38	20.54	20.47	21.00
10	QPSK	25	25	20.48	20.49	20.35	21.00
10	QPSK	50	0	20.29	20.49	20.26	21.00
10	16QAM	1	0	20.30	20.50	20.52	21.00
10	16QAM	1	25	20.35	20.43	20.37	21.00
10	16QAM	1	49	20.44	20.40	20.47	21.00
10	16QAM	25	0	20.45	20.37	20.39	21.00

10	16QAM	25	12	20.48	20.44	20.52	21.00
10	16QAM	25	25	20.57	20.50	20.49	21.00
10	16QAM	50	0	20.48	20.57	20.47	21.00
10	64QAM	1	0	20.42	20.50	20.52	21.00
10	64QAM	1	25	20.46	20.48	20.52	21.00
10	64QAM	1	49	20.42	20.62	20.60	21.00
10	64QAM	25	0	20.59	20.53	20.47	21.00
10	64QAM	25	12	20.44	20.55	20.49	21.00
10	64QAM	25	25	20.38	20.56	20.67	21.00
10	64QAM	50	0	20.53	20.53	20.58	21.00
10	256QAM	1	0	17.78	17.96	17.86	19.50
10	256QAM	1	25	18.02	18.18	18.04	19.50
10	256QAM	1	49	18.00	18.19	18.11	19.50
10	256QAM	25	0	17.72	17.96	17.81	19.50
10	256QAM	25	12	17.81	18.02	17.81	19.50
10	256QAM	25	25	17.94	18.09	17.94	19.50
10	256QAM	50	0	17.76	18.02	17.82	19.50
Channel				20425	20525	20625	Tune-up limit
Frequency (MHz)				826.5	836.5	846.5	(dBm)
5	QPSK	1	0	20.57	20.65	20.64	21.00
5	QPSK	1	12	20.45	20.44	20.27	21.00
5	QPSK	1	24	20.44	20.46	20.32	21.00
5	QPSK	12	0	20.33	20.58	20.41	21.00
5	QPSK	12	7	20.25	20.46	20.33	21.00
5	QPSK	12	13	20.38	20.40	20.23	21.00
5	QPSK	25	0	20.24	20.41	20.13	21.00
5	16QAM	1	0	20.16	20.47	20.37	21.00
5	16QAM	1	12	20.23	20.41	20.35	21.00
5	16QAM	1	24	20.31	20.33	20.34	21.00
5	16QAM	12	0	20.41	20.26	20.36	21.00
5	16QAM	12	7	20.38	20.39	20.43	21.00
5	16QAM	12	13	20.48	20.37	20.38	21.00
5	16QAM	25	0	20.47	20.48	20.36	21.00
5	64QAM	1	0	20.30	20.46	20.42	21.00
5	64QAM	1	12	20.44	20.41	20.47	21.00
5	64QAM	1	24	20.32	20.48	20.49	21.00
5	64QAM	12	0	20.58	20.40	20.39	21.00
5	64QAM	12	7	20.30	20.41	20.46	21.00
5	64QAM	12	13	20.26	20.54	20.56	21.00
5	64QAM	25	0	20.48	20.52	20.50	21.00
5	256QAM	1	0	17.66	17.88	17.77	19.50
5	256QAM	1	12	17.91	18.14	17.95	19.50
5	256QAM	1	24	17.87	18.17	17.96	19.50
5	256QAM	12	0	17.71	17.85	17.67	19.50
5	256QAM	12	7	17.79	17.90	17.78	19.50
5	256QAM	12	13	17.90	18.04	17.82	19.50
5	256QAM	25	0	17.61	18.00	17.79	19.50
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	20.56	20.67	20.57	21.00
3	QPSK	1	8	20.51	20.55	20.31	21.00
3	QPSK	1	14	20.46	20.49	20.43	21.00
3	QPSK	8	0	20.43	20.57	20.41	21.00
3	QPSK	8	4	20.34	20.49	20.35	21.00
3	QPSK	8	7	20.45	20.37	20.32	21.00
3	QPSK	15	0	20.17	20.41	20.21	21.00
3	16QAM	1	0	20.27	20.36	20.50	21.00
3	16QAM	1	8	20.29	20.32	20.33	21.00
3	16QAM	1	14	20.35	20.34	20.39	21.00
3	16QAM	8	0	20.41	20.29	20.36	21.00
3	16QAM	8	4	20.36	20.31	20.40	21.00
3	16QAM	8	7	20.53	20.36	20.38	21.00
3	16QAM	15	0	20.34	20.55	20.36	21.00
3	64QAM	1	0	20.37	20.40	20.40	21.00
3	64QAM	1	8	20.33	20.46	20.40	21.00
3	64QAM	1	14	20.39	20.53	20.47	21.00
3	64QAM	8	0	20.47	20.46	20.39	21.00
3	64QAM	8	4	20.38	20.52	20.45	21.00
3	64QAM	8	7	20.30	20.50	20.58	21.00
3	64QAM	15	0	20.41	20.44	20.45	21.00
3	256QAM	1	0	17.71	17.91	17.84	19.50
3	256QAM	1	8	17.98	18.10	17.95	19.50
3	256QAM	1	14	17.95	18.15	18.06	19.50
3	256QAM	8	0	17.60	17.92	17.70	19.50
3	256QAM	8	4	17.77	17.98	17.69	19.50
3	256QAM	8	7	17.88	18.07	17.79	19.50
3	256QAM	15	0	17.65	18.00	17.74	19.50
Channel				20407	20525	20643	Tune-up limit

Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	20.61	20.74	20.58	21.00
1.4	QPSK	1	3	20.49	20.57	20.25	21.00
1.4	QPSK	1	5	20.57	20.51	20.32	21.00
1.4	QPSK	3	0	20.37	20.52	20.34	21.00
1.4	QPSK	3	1	20.28	20.43	20.45	21.00
1.4	QPSK	3	3	20.35	20.38	20.32	21.00
1.4	QPSK	6	0	20.18	20.37	20.24	21.00
1.4	16QAM	1	0	20.27	20.48	20.48	21.00
1.4	16QAM	1	3	20.32	20.40	20.33	21.00
1.4	16QAM	1	5	20.42	20.30	20.45	21.00
1.4	16QAM	3	0	20.44	20.25	20.28	21.00
1.4	16QAM	3	1	20.37	20.33	20.45	21.00
1.4	16QAM	3	3	20.55	20.42	20.40	21.00
1.4	16QAM	6	0	20.35	20.45	20.37	21.00
1.4	64QAM	1	0	20.34	20.47	20.42	21.00
1.4	64QAM	1	3	20.39	20.44	20.41	21.00
1.4	64QAM	1	5	20.29	20.55	20.58	21.00
1.4	64QAM	3	0	20.54	20.39	20.32	21.00
1.4	64QAM	3	1	20.41	20.47	20.37	21.00
1.4	64QAM	3	3	20.31	20.43	20.61	21.00
1.4	64QAM	6	0	20.50	20.43	20.56	21.00
1.4	256QAM	1	0	17.73	17.87	17.84	19.50
1.4	256QAM	1	3	17.96	18.04	18.03	19.50
1.4	256QAM	1	5	17.90	18.10	18.06	19.50
1.4	256QAM	3	0	17.64	17.93	17.75	19.50
1.4	256QAM	3	1	17.72	17.91	17.70	19.50
1.4	256QAM	3	3	17.84	17.95	17.84	19.50
1.4	256QAM	6	0	17.74	17.91	17.67	19.50

【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	22.95	23.10	23.02	24.00
10	QPSK	1	25	22.81	22.97	22.87	24.00
10	QPSK	1	49	22.89	23.07	22.89	24.00
10	QPSK	25	0	21.85	22.09	21.97	23.00
10	QPSK	25	12	21.80	22.02	21.82	23.00
10	QPSK	25	25	21.78	22.07	21.96	23.00
10	QPSK	50	0	21.83	22.03	21.86	23.00
10	16QAM	1	0	21.89	22.11	21.99	23.00
10	16QAM	1	25	21.93	22.16	22.04	23.00
10	16QAM	1	49	22.15	22.44	22.35	23.00
10	16QAM	25	0	20.74	20.96	20.81	22.00
10	16QAM	25	12	20.89	21.08	21.00	22.00
10	16QAM	25	25	20.95	21.13	21.00	22.00
10	16QAM	50	0	20.81	21.07	20.87	22.00
10	64QAM	1	0	20.82	21.02	20.84	22.00
10	64QAM	1	25	21.00	21.16	21.07	22.00
10	64QAM	1	49	21.00	21.17	20.96	22.00
10	64QAM	25	0	19.75	19.95	19.74	21.00
10	64QAM	25	12	19.75	20.03	19.85	21.00
10	64QAM	25	25	19.82	20.07	19.87	21.00
10	64QAM	50	0	19.79	20.00	19.82	21.00
10	256QAM	1	0	17.78	17.96	17.86	19.00
10	256QAM	1	25	18.02	18.18	18.04	19.00
10	256QAM	1	49	18.00	18.19	18.11	19.00
10	256QAM	25	0	17.72	17.96	17.81	19.00
10	256QAM	25	12	17.81	18.02	17.81	19.00
10	256QAM	25	25	17.94	18.09	17.94	19.00
10	256QAM	50	0	17.76	18.02	17.82	19.00
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	22.83	23.08	22.92	24.00
5	QPSK	1	12	22.73	22.86	22.78	24.00
5	QPSK	1	24	22.81	22.93	22.78	24.00
5	QPSK	12	0	21.74	21.95	21.75	23.00
5	QPSK	12	7	21.67	21.95	21.76	23.00
5	QPSK	12	13	21.67	22.00	21.89	23.00
5	QPSK	25	0	21.80	21.89	21.76	23.00

5	16QAM	1	0	21.80	22.01	21.87	23.00
5	16QAM	1	12	21.82	22.04	21.91	23.00
5	16QAM	1	24	22.10	22.30	22.21	23.00
5	16QAM	12	0	20.68	20.95	20.74	22.00
5	16QAM	12	7	20.80	20.98	20.87	22.00
5	16QAM	12	13	20.82	21.12	20.97	22.00
5	16QAM	25	0	20.68	20.98	20.79	22.00
5	64QAM	1	0	20.75	20.90	20.80	22.00
5	64QAM	1	12	20.95	21.14	20.93	22.00
5	64QAM	1	24	20.95	21.12	20.83	22.00
5	64QAM	12	0	19.62	19.82	19.68	21.00
5	64QAM	12	7	19.66	19.99	19.84	21.00
5	64QAM	12	13	19.71	19.99	19.74	21.00
5	64QAM	25	0	19.65	19.95	19.75	21.00
5	256QAM	1	0	17.75	17.95	17.76	19.00
5	256QAM	1	12	17.95	18.11	17.96	19.00
5	256QAM	1	24	17.99	18.15	18.04	19.00
5	256QAM	12	0	17.57	17.92	17.78	19.00
5	256QAM	12	7	17.68	17.89	17.79	19.00
5	256QAM	12	13	17.80	18.04	17.86	19.00
5	256QAM	25	0	17.73	17.93	17.79	19.00
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	22.86	23.04	22.87	24.00
3	QPSK	1	8	22.72	22.87	22.84	24.00
3	QPSK	1	14	22.76	23.05	22.75	24.00
3	QPSK	8	0	21.72	21.95	21.75	23.00
3	QPSK	8	4	21.67	21.92	21.76	23.00
3	QPSK	8	7	21.75	21.97	21.94	23.00
3	QPSK	15	0	21.72	21.93	21.82	23.00
3	16QAM	1	0	21.76	22.08	21.87	23.00
3	16QAM	1	8	21.88	22.14	21.92	23.00
3	16QAM	1	14	22.13	22.39	22.30	23.00
3	16QAM	8	0	20.70	20.91	20.72	22.00
3	16QAM	8	4	20.83	21.03	20.90	22.00
3	16QAM	8	7	20.94	20.98	20.92	22.00
3	16QAM	15	0	20.79	21.02	20.80	22.00
3	64QAM	1	0	20.78	20.91	20.71	22.00
3	64QAM	1	8	20.92	21.11	20.98	22.00
3	64QAM	1	14	20.88	21.09	20.83	22.00
3	64QAM	8	0	19.68	19.85	19.59	21.00
3	64QAM	8	4	19.71	19.90	19.82	21.00
3	64QAM	8	7	19.79	19.94	19.79	21.00
3	64QAM	15	0	19.73	19.92	19.69	21.00
3	256QAM	1	0	17.64	17.83	17.81	19.00
3	256QAM	1	8	17.90	18.11	17.94	19.00
3	256QAM	1	14	17.87	18.08	18.08	19.00
3	256QAM	8	0	17.64	17.92	17.68	19.00
3	256QAM	8	4	17.78	18.00	17.76	19.00
3	256QAM	8	7	17.93	17.97	17.91	19.00
3	256QAM	15	0	17.68	17.88	17.67	19.00
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	22.88	22.97	22.97	24.00
1.4	QPSK	1	3	22.77	22.85	22.77	24.00
1.4	QPSK	1	5	22.88	22.98	22.83	24.00
1.4	QPSK	3	0	22.83	22.98	22.83	24.00
1.4	QPSK	3	1	22.71	22.95	22.75	24.00
1.4	QPSK	3	3	22.76	22.94	22.88	24.00
1.4	QPSK	6	0	21.68	21.97	21.83	23.00
1.4	16QAM	1	0	21.83	21.97	21.93	23.00
1.4	16QAM	1	3	21.91	22.11	21.91	23.00
1.4	16QAM	1	5	22.09	22.34	22.30	23.00
1.4	16QAM	3	0	21.62	21.82	21.70	23.00
1.4	16QAM	3	1	21.85	21.95	21.89	23.00
1.4	16QAM	3	3	21.88	21.98	21.96	23.00
1.4	16QAM	6	0	20.68	21.02	20.86	22.00
1.4	64QAM	1	0	20.78	20.87	20.71	22.00
1.4	64QAM	1	3	20.88	21.06	20.96	22.00
1.4	64QAM	1	5	20.87	21.13	20.84	22.00
1.4	64QAM	3	0	20.65	20.81	20.71	22.00
1.4	64QAM	3	1	20.64	20.89	20.75	22.00
1.4	64QAM	3	3	20.71	21.05	20.81	22.00
1.4	64QAM	6	0	19.66	19.89	19.78	21.00
1.4	256QAM	1	0	17.64	17.88	17.76	19.00
1.4	256QAM	1	3	18.00	18.11	18.00	19.00
1.4	256QAM	1	5	17.94	18.10	18.06	19.00
1.4	256QAM	3	0	17.66	17.93	17.80	19.00

1.4	256QAM	3	1	17.68	17.91	17.73	19.00
1.4	256QAM	3	3	17.80	18.06	17.86	19.00
1.4	256QAM	6	0	17.73	17.90	17.70	19.00

【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	22.95	23.10	23.02	24.00
10	QPSK	1	25	22.81	22.97	22.87	24.00
10	QPSK	1	49	22.89	23.07	22.89	24.00
10	QPSK	25	0	21.85	22.09	21.97	23.00
10	QPSK	25	12	21.80	22.02	21.82	23.00
10	QPSK	25	25	21.78	22.07	21.96	23.00
10	QPSK	50	0	21.83	22.03	21.86	23.00
10	16QAM	1	0	21.89	22.11	21.99	23.00
10	16QAM	1	25	21.93	22.16	22.04	23.00
10	16QAM	1	49	22.15	22.44	22.35	23.00
10	16QAM	25	0	20.74	20.96	20.81	22.00
10	16QAM	25	12	20.89	21.08	21.00	22.00
10	16QAM	25	25	20.95	21.13	21.00	22.00
10	16QAM	50	0	20.81	21.07	20.87	22.00
10	64QAM	1	0	20.82	21.02	20.84	22.00
10	64QAM	1	25	21.00	21.16	21.07	22.00
10	64QAM	1	49	21.00	21.17	20.96	22.00
10	64QAM	25	0	19.75	19.95	19.74	21.00
10	64QAM	25	12	19.75	20.03	19.85	21.00
10	64QAM	25	25	19.82	20.07	19.87	21.00
10	64QAM	50	0	19.79	20.00	19.82	21.00
10	256QAM	1	0	17.78	17.96	17.86	19.00
10	256QAM	1	25	18.02	18.18	18.04	19.00
10	256QAM	1	49	18.00	18.19	18.11	19.00
10	256QAM	25	0	17.72	17.96	17.81	19.00
10	256QAM	25	12	17.81	18.02	17.81	19.00
10	256QAM	25	25	17.94	18.09	17.94	19.00
10	256QAM	50	0	17.76	18.02	17.82	19.00
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	22.83	23.08	22.92	24.00
5	QPSK	1	12	22.73	22.86	22.78	24.00
5	QPSK	1	24	22.81	22.93	22.78	24.00
5	QPSK	12	0	21.74	21.95	21.75	23.00
5	QPSK	12	7	21.67	21.95	21.76	23.00
5	QPSK	12	13	21.67	22.00	21.89	23.00
5	QPSK	25	0	21.80	21.89	21.76	23.00
5	16QAM	1	0	21.80	22.01	21.87	23.00
5	16QAM	1	12	21.82	22.04	21.91	23.00
5	16QAM	1	24	22.10	22.30	22.21	23.00
5	16QAM	12	0	20.68	20.95	20.74	22.00
5	16QAM	12	7	20.80	20.98	20.87	22.00
5	16QAM	12	13	20.82	21.12	20.97	22.00
5	16QAM	25	0	20.68	20.98	20.79	22.00
5	64QAM	1	0	20.75	20.90	20.80	22.00
5	64QAM	1	12	20.95	21.14	20.93	22.00
5	64QAM	1	24	20.95	21.12	20.83	22.00
5	64QAM	12	0	19.62	19.82	19.68	21.00
5	64QAM	12	7	19.66	19.99	19.84	21.00
5	64QAM	12	13	19.71	19.99	19.74	21.00
5	64QAM	25	0	19.65	19.95	19.75	21.00
5	256QAM	1	0	17.75	17.95	17.76	19.00
5	256QAM	1	12	17.95	18.11	17.96	19.00
5	256QAM	1	24	17.99	18.15	18.04	19.00
5	256QAM	12	0	17.57	17.92	17.78	19.00
5	256QAM	12	7	17.68	17.89	17.79	19.00
5	256QAM	12	13	17.80	18.04	17.86	19.00
5	256QAM	25	0	17.73	17.93	17.79	19.00
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	22.86	23.04	22.87	24.00
3	QPSK	1	8	22.72	22.87	22.84	24.00
3	QPSK	1	14	22.76	23.05	22.75	24.00

3	QPSK	8	0	21.72	21.95	21.75	23.00
3	QPSK	8	4	21.67	21.92	21.76	23.00
3	QPSK	8	7	21.75	21.97	21.94	23.00
3	QPSK	15	0	21.72	21.93	21.82	23.00
3	16QAM	1	0	21.76	22.08	21.87	23.00
3	16QAM	1	8	21.88	22.14	21.92	23.00
3	16QAM	1	14	22.13	22.39	22.30	23.00
3	16QAM	8	0	20.70	20.91	20.72	22.00
3	16QAM	8	4	20.83	21.03	20.90	22.00
3	16QAM	8	7	20.94	20.98	20.92	22.00
3	16QAM	15	0	20.79	21.02	20.80	22.00
3	64QAM	1	0	20.78	20.91	20.71	22.00
3	64QAM	1	8	20.92	21.11	20.98	22.00
3	64QAM	1	14	20.88	21.09	20.83	22.00
3	64QAM	8	0	19.68	19.85	19.59	21.00
3	64QAM	8	4	19.71	19.90	19.82	21.00
3	64QAM	8	7	19.79	19.94	19.79	21.00
3	64QAM	15	0	19.73	19.92	19.69	21.00
3	256QAM	1	0	17.64	17.83	17.81	19.00
3	256QAM	1	8	17.90	18.11	17.94	19.00
3	256QAM	1	14	17.87	18.08	18.08	19.00
3	256QAM	8	0	17.64	17.92	17.68	19.00
3	256QAM	8	4	17.78	18.00	17.76	19.00
3	256QAM	8	7	17.93	17.97	17.91	19.00
3	256QAM	15	0	17.68	17.88	17.67	19.00
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	22.88	22.97	22.97	24.00
1.4	QPSK	1	3	22.77	22.85	22.77	24.00
1.4	QPSK	1	5	22.88	22.98	22.83	24.00
1.4	QPSK	3	0	22.83	22.98	22.83	24.00
1.4	QPSK	3	1	22.71	22.95	22.75	24.00
1.4	QPSK	3	3	22.76	22.94	22.88	24.00
1.4	QPSK	6	0	21.68	21.97	21.83	23.00
1.4	16QAM	1	0	21.83	21.97	21.93	23.00
1.4	16QAM	1	3	21.91	22.11	21.91	23.00
1.4	16QAM	1	5	22.09	22.34	22.30	23.00
1.4	16QAM	3	0	21.62	21.82	21.70	23.00
1.4	16QAM	3	1	21.85	21.95	21.89	23.00
1.4	16QAM	3	3	21.88	21.98	21.96	23.00
1.4	16QAM	6	0	20.68	21.02	20.86	22.00
1.4	64QAM	1	0	20.78	20.87	20.71	22.00
1.4	64QAM	1	3	20.88	21.06	20.96	22.00
1.4	64QAM	1	5	20.87	21.13	20.84	22.00
1.4	64QAM	3	0	20.65	20.81	20.71	22.00
1.4	64QAM	3	1	20.64	20.89	20.75	22.00
1.4	64QAM	3	3	20.71	21.05	20.81	22.00
1.4	64QAM	6	0	19.66	19.89	19.78	21.00
1.4	256QAM	1	0	17.64	17.88	17.76	19.00
1.4	256QAM	1	3	18.00	18.11	18.00	19.00
1.4	256QAM	1	5	17.94	18.10	18.06	19.00
1.4	256QAM	3	0	17.66	17.93	17.80	19.00
1.4	256QAM	3	1	17.68	17.91	17.73	19.00
1.4	256QAM	3	3	17.80	18.06	17.86	19.00
1.4	256QAM	6	0	17.73	17.90	17.70	19.00

【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	18.60	18.69	18.57	19.00
10	QPSK	1	25	18.47	18.67	18.45	19.00
10	QPSK	1	49	18.56	18.65	18.46	19.00
10	QPSK	25	0	18.56	18.64	18.46	19.00
10	QPSK	25	12	18.41	18.53	18.43	19.00
10	QPSK	25	25	18.44	18.57	18.45	19.00
10	QPSK	50	0	18.32	18.46	18.24	19.00
10	16QAM	1	0	18.42	18.52	18.56	19.00
10	16QAM	1	25	18.37	18.36	18.41	19.00
10	16QAM	1	49	18.38	18.31	18.44	19.00
10	16QAM	25	0	18.57	18.43	18.40	19.00

10	16QAM	25	12	18.50	18.45	18.56	19.00
10	16QAM	25	25	18.61	18.55	18.48	19.00
10	16QAM	50	0	18.51	18.70	18.63	19.00
10	64QAM	1	0	18.43	18.50	18.54	19.00
10	64QAM	1	25	18.52	18.50	18.54	19.00
10	64QAM	1	49	18.52	18.64	18.53	19.00
10	64QAM	25	0	18.61	18.56	18.49	19.00
10	64QAM	25	12	18.48	18.50	18.53	19.00
10	64QAM	25	25	18.43	18.54	18.60	19.00
10	64QAM	50	0	18.60	18.57	18.51	19.00
10	256QAM	1	0	17.78	17.96	17.86	19.00
10	256QAM	1	25	18.02	18.18	18.04	19.00
10	256QAM	1	49	18.00	18.19	18.11	19.00
10	256QAM	25	0	17.72	17.96	17.81	19.00
10	256QAM	25	12	17.81	18.02	17.81	19.00
10	256QAM	25	25	17.94	18.09	17.94	19.00
10	256QAM	50	0	17.76	18.02	17.82	19.00
Channel				20425	20525	20625	Tune-up limit
Frequency (MHz)				826.5	836.5	846.5	(dBm)
5	QPSK	1	0	18.57	18.64	18.44	19.00
5	QPSK	1	12	18.40	18.62	18.34	19.00
5	QPSK	1	24	18.54	18.63	18.38	19.00
5	QPSK	12	0	18.50	18.63	18.36	19.00
5	QPSK	12	7	18.27	18.50	18.42	19.00
5	QPSK	12	13	18.35	18.48	18.44	19.00
5	QPSK	25	0	18.26	18.34	18.11	19.00
5	16QAM	1	0	18.32	18.41	18.53	19.00
5	16QAM	1	12	18.35	18.32	18.34	19.00
5	16QAM	1	24	18.33	18.25	18.34	19.00
5	16QAM	12	0	18.52	18.35	18.34	19.00
5	16QAM	12	7	18.35	18.38	18.44	19.00
5	16QAM	12	13	18.57	18.46	18.43	19.00
5	16QAM	25	0	18.41	18.69	18.60	19.00
5	64QAM	1	0	18.31	18.48	18.47	19.00
5	64QAM	1	12	18.44	18.41	18.52	19.00
5	64QAM	1	24	18.44	18.51	18.42	19.00
5	64QAM	12	0	18.46	18.47	18.37	19.00
5	64QAM	12	7	18.40	18.36	18.48	19.00
5	64QAM	12	13	18.39	18.43	18.57	19.00
5	64QAM	25	0	18.57	18.53	18.43	19.00
5	256QAM	1	0	17.70	17.91	17.75	19.00
5	256QAM	1	12	17.95	18.03	17.99	19.00
5	256QAM	1	24	17.96	18.12	18.10	19.00
5	256QAM	12	0	17.67	17.92	17.67	19.00
5	256QAM	12	7	17.75	17.97	17.78	19.00
5	256QAM	12	13	17.81	18.07	17.80	19.00
5	256QAM	25	0	17.71	17.89	17.77	19.00
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	18.49	18.66	18.45	19.00
3	QPSK	1	8	18.45	18.65	18.35	19.00
3	QPSK	1	14	18.51	18.62	18.38	19.00
3	QPSK	8	0	18.52	18.54	18.31	19.00
3	QPSK	8	4	18.29	18.44	18.29	19.00
3	QPSK	8	7	18.34	18.45	18.32	19.00
3	QPSK	15	0	18.25	18.45	18.15	19.00
3	16QAM	1	0	18.36	18.40	18.53	19.00
3	16QAM	1	8	18.28	18.34	18.32	19.00
3	16QAM	1	14	18.31	18.25	18.42	19.00
3	16QAM	8	0	18.49	18.41	18.28	19.00
3	16QAM	8	4	18.45	18.41	18.51	19.00
3	16QAM	8	7	18.56	18.51	18.41	19.00
3	16QAM	15	0	18.50	18.58	18.53	19.00
3	64QAM	1	0	18.29	18.47	18.49	19.00
3	64QAM	1	8	18.48	18.35	18.42	19.00
3	64QAM	1	14	18.45	18.59	18.39	19.00
3	64QAM	8	0	18.52	18.52	18.38	19.00
3	64QAM	8	4	18.43	18.48	18.52	19.00
3	64QAM	8	7	18.29	18.50	18.46	19.00
3	64QAM	15	0	18.58	18.47	18.45	19.00
3	256QAM	1	0	17.72	17.85	17.73	19.00
3	256QAM	1	8	17.89	18.10	17.91	19.00
3	256QAM	1	14	17.92	18.16	18.09	19.00
3	256QAM	8	0	17.61	17.91	17.77	19.00
3	256QAM	8	4	17.75	17.87	17.68	19.00
3	256QAM	8	7	17.93	18.03	17.90	19.00
3	256QAM	15	0	17.71	17.94	17.78	19.00
Channel				20407	20525	20643	Tune-up limit

Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	18.46	18.67	18.54	19.00
1.4	QPSK	1	3	18.43	18.52	18.39	19.00
1.4	QPSK	1	5	18.47	18.62	18.42	19.00
1.4	QPSK	3	0	18.52	18.56	18.34	19.00
1.4	QPSK	3	1	18.40	18.48	18.32	19.00
1.4	QPSK	3	3	18.36	18.43	18.43	19.00
1.4	QPSK	6	0	18.19	18.34	18.21	19.00
1.4	16QAM	1	0	18.29	18.45	18.50	19.00
1.4	16QAM	1	3	18.25	18.32	18.29	19.00
1.4	16QAM	1	5	18.30	18.23	18.36	19.00
1.4	16QAM	3	0	18.49	18.30	18.37	19.00
1.4	16QAM	3	1	18.38	18.39	18.43	19.00
1.4	16QAM	3	3	18.51	18.45	18.35	19.00
1.4	16QAM	6	0	18.46	18.58	18.54	19.00
1.4	64QAM	1	0	18.41	18.43	18.48	19.00
1.4	64QAM	1	3	18.51	18.38	18.45	19.00
1.4	64QAM	1	5	18.39	18.62	18.50	19.00
1.4	64QAM	3	0	18.56	18.53	18.38	19.00
1.4	64QAM	3	1	18.37	18.40	18.41	19.00
1.4	64QAM	3	3	18.32	18.48	18.47	19.00
1.4	64QAM	6	0	18.58	18.51	18.44	19.00
1.4	256QAM	1	0	17.76	17.83	17.83	19.00
1.4	256QAM	1	3	17.87	18.07	17.96	19.00
1.4	256QAM	1	5	17.90	18.13	18.04	19.00
1.4	256QAM	3	0	17.58	17.93	17.75	19.00
1.4	256QAM	3	1	17.71	17.91	17.72	19.00
1.4	256QAM	3	3	17.87	17.95	17.83	19.00
1.4	256QAM	6	0	17.74	17.93	17.71	19.00

【LTE Band 7_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				20850	21100	21350	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	22.72	22.87	22.71	24.00
20	QPSK	1	49	22.35	22.61	22.35	24.00
20	QPSK	1	99	22.18	22.45	22.23	24.00
20	QPSK	50	0	21.51	21.72	21.56	23.00
20	QPSK	50	24	21.48	21.67	21.43	23.00
20	QPSK	50	50	21.30	21.57	21.39	23.00
20	QPSK	100	0	21.50	21.68	21.39	23.00
20	16QAM	1	0	21.50	21.79	21.61	23.00
20	16QAM	1	49	21.43	21.71	21.54	23.00
20	16QAM	1	99	21.59	21.79	21.49	23.00
20	16QAM	50	0	20.58	20.73	20.54	22.00
20	16QAM	50	24	20.53	20.68	20.43	22.00
20	16QAM	50	50	20.37	20.62	20.42	22.00
20	16QAM	100	0	20.39	20.67	20.46	22.00
20	64QAM	1	0	20.67	20.85	20.56	22.00
20	64QAM	1	49	20.56	20.82	20.57	22.00
20	64QAM	1	99	20.50	20.68	20.52	22.00
20	64QAM	50	0	19.47	19.72	19.50	21.00
20	64QAM	50	24	19.48	19.71	19.56	21.00
20	64QAM	50	50	19.42	19.63	19.36	21.00
20	64QAM	100	0	19.44	19.68	19.46	21.00
20	256QAM	1	0	17.62	17.85	17.64	19.00
20	256QAM	1	49	17.62	17.80	17.55	19.00
20	256QAM	1	99	17.62	17.83	17.63	19.00
20	256QAM	50	0	17.61	17.77	17.52	19.00
20	256QAM	50	24	17.52	17.70	17.47	19.00
20	256QAM	50	50	17.35	17.61	17.45	19.00
20	256QAM	100	0	17.44	17.67	17.47	19.00
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	22.64	22.77	22.61	24.00
15	QPSK	1	37	22.34	22.58	22.22	24.00
15	QPSK	1	74	22.03	22.33	22.08	24.00
15	QPSK	36	0	21.41	21.61	21.46	23.00
15	QPSK	36	20	21.47	21.64	21.39	23.00
15	QPSK	36	39	21.19	21.44	21.37	23.00
15	QPSK	75	0	21.36	21.57	21.30	23.00

15	16QAM	1	0	21.38	21.78	21.54	23.00
15	16QAM	1	37	21.38	21.60	21.46	23.00
15	16QAM	1	74	21.50	21.66	21.48	23.00
15	16QAM	36	0	20.56	20.71	20.46	22.00
15	16QAM	36	20	20.47	20.63	20.30	22.00
15	16QAM	36	39	20.31	20.61	20.28	22.00
15	16QAM	75	0	20.30	20.61	20.44	22.00
15	64QAM	1	0	20.61	20.82	20.44	22.00
15	64QAM	1	37	20.42	20.81	20.55	22.00
15	64QAM	1	74	20.47	20.57	20.50	22.00
15	64QAM	36	0	19.42	19.67	19.45	21.00
15	64QAM	36	20	19.44	19.56	19.53	21.00
15	64QAM	36	39	19.39	19.52	19.24	21.00
15	64QAM	75	0	19.41	19.54	19.40	21.00
15	256QAM	1	0	17.54	17.72	17.52	19.00
15	256QAM	1	37	17.47	17.67	17.41	19.00
15	256QAM	1	74	17.57	17.71	17.52	19.00
15	256QAM	36	0	17.48	17.65	17.38	19.00
15	256QAM	36	20	17.37	17.60	17.35	19.00
15	256QAM	36	39	17.32	17.57	17.32	19.00
15	256QAM	75	0	17.41	17.58	17.44	19.00
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	22.66	22.77	22.70	24.00
10	QPSK	1	25	22.33	22.55	22.32	24.00
10	QPSK	1	49	22.08	22.38	22.21	24.00
10	QPSK	25	0	21.32	21.59	21.52	23.00
10	QPSK	25	12	21.44	21.58	21.35	23.00
10	QPSK	25	25	21.21	21.45	21.29	23.00
10	QPSK	50	0	21.37	21.56	21.31	23.00
10	16QAM	1	0	21.42	21.78	21.58	23.00
10	16QAM	1	25	21.41	21.60	21.52	23.00
10	16QAM	1	49	21.50	21.68	21.39	23.00
10	16QAM	25	0	20.56	20.62	20.44	22.00
10	16QAM	25	12	20.47	20.60	20.40	22.00
10	16QAM	25	25	20.25	20.56	20.41	22.00
10	16QAM	50	0	20.32	20.53	20.42	22.00
10	64QAM	1	0	20.61	20.74	20.44	22.00
10	64QAM	1	25	20.46	20.73	20.51	22.00
10	64QAM	1	49	20.42	20.62	20.44	22.00
10	64QAM	25	0	19.38	19.70	19.39	21.00
10	64QAM	25	12	19.37	19.67	19.48	21.00
10	64QAM	25	25	19.39	19.52	19.28	21.00
10	64QAM	50	0	19.37	19.67	19.35	21.00
10	256QAM	1	0	17.54	17.75	17.62	19.00
10	256QAM	1	25	17.50	17.68	17.51	19.00
10	256QAM	1	49	17.57	17.72	17.55	19.00
10	256QAM	25	0	17.56	17.69	17.42	19.00
10	256QAM	25	12	17.41	17.65	17.43	19.00
10	256QAM	25	25	17.30	17.47	17.32	19.00
10	256QAM	50	0	17.40	17.65	17.44	19.00
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	22.65	22.78	22.68	24.00
5	QPSK	1	12	22.28	22.58	22.20	24.00
5	QPSK	1	24	22.03	22.44	22.10	24.00
5	QPSK	12	0	21.38	21.70	21.50	23.00
5	QPSK	12	7	21.34	21.53	21.41	23.00
5	QPSK	12	13	21.16	21.49	21.32	23.00
5	QPSK	25	0	21.47	21.58	21.25	23.00
5	16QAM	1	0	21.45	21.68	21.48	23.00
5	16QAM	1	12	21.28	21.59	21.40	23.00
5	16QAM	1	24	21.50	21.65	21.44	23.00
5	16QAM	12	0	20.57	20.68	20.52	22.00
5	16QAM	12	7	20.40	20.53	20.39	22.00
5	16QAM	12	13	20.22	20.54	20.33	22.00
5	16QAM	25	0	20.34	20.63	20.33	22.00
5	64QAM	1	0	20.57	20.70	20.50	22.00
5	64QAM	1	12	20.50	20.75	20.50	22.00
5	64QAM	1	24	20.45	20.66	20.44	22.00
5	64QAM	12	0	19.32	19.57	19.37	21.00
5	64QAM	12	7	19.45	19.61	19.48	21.00
5	64QAM	12	13	19.32	19.61	19.31	21.00
5	64QAM	25	0	19.35	19.62	19.37	21.00
5	256QAM	1	0	17.49	17.78	17.58	19.00
5	256QAM	1	12	17.61	17.68	17.51	19.00
5	256QAM	1	24	17.48	17.72	17.48	19.00
5	256QAM	12	0	17.52	17.62	17.38	19.00

5	256QAM	12	7	17.40	17.65	17.39	19.00
5	256QAM	12	13	17.25	17.46	17.35	19.00
5	256QAM	25	0	17.36	17.60	17.37	19.00

【LTE Band 7_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				20850	21100	21350	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	22.72	22.87	22.71	24.00
20	QPSK	1	49	22.35	22.61	22.35	24.00
20	QPSK	1	99	22.18	22.45	22.23	24.00
20	QPSK	50	0	21.51	21.72	21.56	23.00
20	QPSK	50	24	21.48	21.67	21.43	23.00
20	QPSK	50	50	21.30	21.57	21.39	23.00
20	QPSK	100	0	21.50	21.68	21.39	23.00
20	16QAM	1	0	21.50	21.79	21.61	23.00
20	16QAM	1	49	21.43	21.71	21.54	23.00
20	16QAM	1	99	21.59	21.79	21.49	23.00
20	16QAM	50	0	20.58	20.73	20.54	22.00
20	16QAM	50	24	20.53	20.68	20.43	22.00
20	16QAM	50	50	20.37	20.62	20.42	22.00
20	16QAM	100	0	20.39	20.67	20.46	22.00
20	64QAM	1	0	20.67	20.85	20.56	22.00
20	64QAM	1	49	20.56	20.82	20.57	22.00
20	64QAM	1	99	20.50	20.68	20.52	22.00
20	64QAM	50	0	19.47	19.72	19.50	21.00
20	64QAM	50	24	19.48	19.71	19.56	21.00
20	64QAM	50	50	19.42	19.63	19.36	21.00
20	64QAM	100	0	19.44	19.68	19.46	21.00
20	256QAM	1	0	17.62	17.85	17.64	19.00
20	256QAM	1	49	17.62	17.80	17.55	19.00
20	256QAM	1	99	17.62	17.83	17.63	19.00
20	256QAM	50	0	17.61	17.77	17.52	19.00
20	256QAM	50	24	17.52	17.70	17.47	19.00
20	256QAM	50	50	17.35	17.61	17.45	19.00
20	256QAM	100	0	17.44	17.67	17.47	19.00
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	22.64	22.77	22.61	24.00
15	QPSK	1	37	22.34	22.58	22.22	24.00
15	QPSK	1	74	22.03	22.33	22.08	24.00
15	QPSK	36	0	21.41	21.61	21.46	23.00
15	QPSK	36	20	21.47	21.64	21.39	23.00
15	QPSK	36	39	21.19	21.44	21.37	23.00
15	QPSK	75	0	21.36	21.57	21.30	23.00
15	16QAM	1	0	21.38	21.78	21.54	23.00
15	16QAM	1	37	21.38	21.60	21.46	23.00
15	16QAM	1	74	21.50	21.66	21.48	23.00
15	16QAM	36	0	20.56	20.71	20.46	22.00
15	16QAM	36	20	20.47	20.63	20.30	22.00
15	16QAM	36	39	20.31	20.61	20.28	22.00
15	16QAM	75	0	20.30	20.61	20.44	22.00
15	64QAM	1	0	20.61	20.82	20.44	22.00
15	64QAM	1	37	20.42	20.81	20.55	22.00
15	64QAM	1	74	20.47	20.57	20.50	22.00
15	64QAM	36	0	19.42	19.67	19.45	21.00
15	64QAM	36	20	19.44	19.56	19.53	21.00
15	64QAM	36	39	19.39	19.52	19.24	21.00
15	64QAM	75	0	19.41	19.54	19.40	21.00
15	256QAM	1	0	17.54	17.72	17.52	19.00
15	256QAM	1	37	17.47	17.67	17.41	19.00
15	256QAM	1	74	17.57	17.71	17.52	19.00
15	256QAM	36	0	17.48	17.65	17.38	19.00
15	256QAM	36	20	17.37	17.60	17.35	19.00
15	256QAM	36	39	17.32	17.57	17.32	19.00
15	256QAM	75	0	17.41	17.58	17.44	19.00
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	22.66	22.77	22.70	24.00
10	QPSK	1	25	22.33	22.55	22.32	24.00
10	QPSK	1	49	22.08	22.38	22.21	24.00

10	QPSK	25	0	21.32	21.59	21.52	23.00
10	QPSK	25	12	21.44	21.58	21.35	23.00
10	QPSK	25	25	21.21	21.45	21.29	23.00
10	QPSK	50	0	21.37	21.56	21.31	23.00
10	16QAM	1	0	21.42	21.78	21.58	23.00
10	16QAM	1	25	21.41	21.60	21.52	23.00
10	16QAM	1	49	21.50	21.68	21.39	23.00
10	16QAM	25	0	20.56	20.62	20.44	22.00
10	16QAM	25	12	20.47	20.60	20.40	22.00
10	16QAM	25	25	20.25	20.56	20.41	22.00
10	16QAM	50	0	20.32	20.53	20.42	22.00
10	64QAM	1	0	20.61	20.74	20.44	22.00
10	64QAM	1	25	20.46	20.73	20.51	22.00
10	64QAM	1	49	20.42	20.62	20.44	22.00
10	64QAM	25	0	19.38	19.70	19.39	21.00
10	64QAM	25	12	19.37	19.67	19.48	21.00
10	64QAM	25	25	19.39	19.52	19.28	21.00
10	64QAM	50	0	19.37	19.67	19.35	21.00
10	256QAM	1	0	17.54	17.75	17.62	19.00
10	256QAM	1	25	17.50	17.68	17.51	19.00
10	256QAM	1	49	17.57	17.72	17.55	19.00
10	256QAM	25	0	17.56	17.69	17.42	19.00
10	256QAM	25	12	17.41	17.65	17.43	19.00
10	256QAM	25	25	17.30	17.47	17.32	19.00
10	256QAM	50	0	17.40	17.65	17.44	19.00
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	22.65	22.78	22.68	24.00
5	QPSK	1	12	22.28	22.58	22.20	24.00
5	QPSK	1	24	22.03	22.44	22.10	24.00
5	QPSK	12	0	21.38	21.70	21.50	23.00
5	QPSK	12	7	21.34	21.53	21.41	23.00
5	QPSK	12	13	21.16	21.49	21.32	23.00
5	QPSK	25	0	21.47	21.58	21.25	23.00
5	16QAM	1	0	21.45	21.68	21.48	23.00
5	16QAM	1	12	21.28	21.59	21.40	23.00
5	16QAM	1	24	21.50	21.65	21.44	23.00
5	16QAM	12	0	20.57	20.68	20.52	22.00
5	16QAM	12	7	20.40	20.53	20.39	22.00
5	16QAM	12	13	20.22	20.54	20.33	22.00
5	16QAM	25	0	20.34	20.63	20.33	22.00
5	64QAM	1	0	20.57	20.70	20.50	22.00
5	64QAM	1	12	20.50	20.75	20.50	22.00
5	64QAM	1	24	20.45	20.66	20.44	22.00
5	64QAM	12	0	19.32	19.57	19.37	21.00
5	64QAM	12	7	19.45	19.61	19.48	21.00
5	64QAM	12	13	19.32	19.61	19.31	21.00
5	64QAM	25	0	19.35	19.62	19.37	21.00
5	256QAM	1	0	17.49	17.78	17.58	19.00
5	256QAM	1	12	17.61	17.68	17.51	19.00
5	256QAM	1	24	17.48	17.72	17.48	19.00
5	256QAM	12	0	17.52	17.62	17.38	19.00
5	256QAM	12	7	17.40	17.65	17.39	19.00
5	256QAM	12	13	17.25	17.46	17.35	19.00
5	256QAM	25	0	17.36	17.60	17.37	19.00

【LTE Band 7_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				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	20.27	20.31	20.21	21.00
20	QPSK	1	49	20.02	20.17	20.09	21.00
20	QPSK	1	99	20.13	20.16	20.05	21.00
20	QPSK	50	0	20.08	20.11	20.10	21.00
20	QPSK	50	24	19.93	19.97	19.91	21.00
20	QPSK	50	50	20.01	20.08	19.93	21.00
20	QPSK	100	0	19.88	20.05	19.84	21.00
20	16QAM	1	0	19.98	19.95	20.09	21.00
20	16QAM	1	49	20.00	19.92	19.94	21.00
20	16QAM	1	99	19.92	19.92	19.90	21.00
20	16QAM	50	0	20.04	20.00	19.94	21.00

20	16QAM	50	24	20.12	19.98	20.15	21.00
20	16QAM	50	50	20.05	20.08	20.15	21.00
20	16QAM	100	0	19.90	20.22	20.11	21.00
20	64QAM	1	0	20.10	19.99	20.10	21.00
20	64QAM	1	49	20.03	20.01	20.06	21.00
20	64QAM	1	99	20.03	20.23	20.08	21.00
20	64QAM	50	0	19.47	19.72	19.50	21.00
20	64QAM	50	24	19.48	19.71	19.56	21.00
20	64QAM	50	50	19.42	19.63	19.36	21.00
20	64QAM	100	0	19.44	19.68	19.46	21.00
20	256QAM	1	0	17.62	17.85	17.64	19.00
20	256QAM	1	49	17.62	17.80	17.55	19.00
20	256QAM	1	99	17.62	17.83	17.63	19.00
20	256QAM	50	0	17.61	17.77	17.52	19.00
20	256QAM	50	24	17.52	17.70	17.47	19.00
20	256QAM	50	50	17.35	17.61	17.45	19.00
20	256QAM	100	0	17.44	17.67	17.47	19.00
Channel				20825	21100	21375	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	QPSK	1	0	20.25	20.28	20.14	21.00
15	QPSK	1	37	19.87	20.04	20.02	21.00
15	QPSK	1	74	20.08	20.02	20.04	21.00
15	QPSK	36	0	20.01	20.06	19.99	21.00
15	QPSK	36	20	19.87	19.90	19.85	21.00
15	QPSK	36	39	19.92	20.01	19.84	21.00
15	QPSK	75	0	19.81	19.91	19.77	21.00
15	16QAM	1	0	19.86	19.90	19.97	21.00
15	16QAM	1	37	19.94	19.88	19.83	21.00
15	16QAM	1	74	19.87	19.87	19.82	21.00
15	16QAM	36	0	19.92	19.92	19.83	21.00
15	16QAM	36	20	20.02	19.91	20.03	21.00
15	16QAM	36	39	19.97	20.07	20.12	21.00
15	16QAM	75	0	19.86	20.07	20.04	21.00
15	64QAM	1	0	20.03	19.91	19.95	21.00
15	64QAM	1	37	19.91	19.96	19.94	21.00
15	64QAM	1	74	19.96	20.14	19.93	21.00
15	64QAM	36	0	19.35	19.67	19.43	21.00
15	64QAM	36	20	19.43	19.62	19.42	21.00
15	64QAM	36	39	19.38	19.61	19.35	21.00
15	64QAM	75	0	19.40	19.64	19.31	21.00
15	256QAM	1	0	17.60	17.81	17.51	19.00
15	256QAM	1	37	17.53	17.78	17.48	19.00
15	256QAM	1	74	17.53	17.74	17.59	19.00
15	256QAM	36	0	17.53	17.68	17.40	19.00
15	256QAM	36	20	17.38	17.64	17.32	19.00
15	256QAM	36	39	17.22	17.50	17.43	19.00
15	256QAM	75	0	17.37	17.58	17.34	19.00
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	20.18	20.21	20.07	21.00
10	QPSK	1	25	19.95	20.03	19.96	21.00
10	QPSK	1	49	19.99	20.08	20.00	21.00
10	QPSK	25	0	20.02	20.05	20.07	21.00
10	QPSK	25	12	19.90	19.87	19.77	21.00
10	QPSK	25	25	19.90	19.98	19.81	21.00
10	QPSK	50	0	19.76	20.00	19.82	21.00
10	16QAM	1	0	19.92	19.86	20.01	21.00
10	16QAM	1	25	19.88	19.84	19.90	21.00
10	16QAM	1	49	19.84	19.87	19.82	21.00
10	16QAM	25	0	19.98	19.90	19.91	21.00
10	16QAM	25	12	20.01	19.86	20.05	21.00
10	16QAM	25	25	19.93	20.04	20.04	21.00
10	16QAM	50	0	19.77	20.11	19.96	21.00
10	64QAM	1	0	20.06	19.88	20.06	21.00
10	64QAM	1	25	19.99	19.89	19.99	21.00
10	64QAM	1	49	19.94	20.09	19.95	21.00
10	64QAM	25	0	19.40	19.60	19.43	21.00
10	64QAM	25	12	19.46	19.69	19.53	21.00
10	64QAM	25	25	19.31	19.56	19.29	21.00
10	64QAM	50	0	19.42	19.54	19.38	21.00
10	256QAM	1	0	17.59	17.71	17.58	19.00
10	256QAM	1	25	17.48	17.72	17.49	19.00
10	256QAM	1	49	17.58	17.76	17.50	19.00
10	256QAM	25	0	17.58	17.64	17.41	19.00
10	256QAM	25	12	17.44	17.63	17.35	19.00
10	256QAM	25	25	17.31	17.53	17.32	19.00
10	256QAM	50	0	17.35	17.63	17.44	19.00
Channel				20775	21100	21425	Tune-up limit

Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	20.22	20.24	20.13	21.00
5	QPSK	1	12	20.01	20.07	19.94	21.00
5	QPSK	1	24	20.00	20.08	20.03	21.00
5	QPSK	12	0	20.04	20.01	19.99	21.00
5	QPSK	12	7	19.81	19.96	19.80	21.00
5	QPSK	12	13	19.94	20.00	19.83	21.00
5	QPSK	25	0	19.85	20.03	19.82	21.00
5	16QAM	1	0	19.94	19.85	20.04	21.00
5	16QAM	1	12	19.92	19.80	19.86	21.00
5	16QAM	1	24	19.78	19.90	19.85	21.00
5	16QAM	12	0	19.99	19.97	19.85	21.00
5	16QAM	12	7	20.03	19.87	20.09	21.00
5	16QAM	12	13	20.02	20.07	20.14	21.00
5	16QAM	25	0	19.82	20.15	20.01	21.00
5	64QAM	1	0	20.07	19.92	19.97	21.00
5	64QAM	1	12	19.89	19.94	19.93	21.00
5	64QAM	1	24	19.98	20.13	20.01	21.00
5	64QAM	12	0	19.37	19.71	19.38	21.00
5	64QAM	12	7	19.45	19.60	19.50	21.00
5	64QAM	12	13	19.29	19.60	19.34	21.00
5	64QAM	25	0	19.40	19.64	19.35	21.00
5	256QAM	1	0	17.53	17.72	17.55	19.00
5	256QAM	1	12	17.61	17.73	17.41	19.00
5	256QAM	1	24	17.59	17.75	17.54	19.00
5	256QAM	12	0	17.53	17.69	17.37	19.00
5	256QAM	12	7	17.49	17.60	17.36	19.00
5	256QAM	12	13	17.28	17.47	17.38	19.00
5	256QAM	25	0	17.34	17.54	17.36	19.00

【LTE Band 7_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				20850	21100	21350	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	22.72	22.87	22.71	24.00
20	QPSK	1	49	22.35	22.61	22.35	24.00
20	QPSK	1	99	22.18	22.45	22.23	24.00
20	QPSK	50	0	21.51	21.72	21.56	23.00
20	QPSK	50	24	21.48	21.67	21.43	23.00
20	QPSK	50	50	21.30	21.57	21.39	23.00
20	QPSK	100	0	21.50	21.68	21.39	23.00
20	16QAM	1	0	21.50	21.79	21.61	23.00
20	16QAM	1	49	21.43	21.71	21.54	23.00
20	16QAM	1	99	21.59	21.79	21.49	23.00
20	16QAM	50	0	20.58	20.73	20.54	22.00
20	16QAM	50	24	20.53	20.68	20.43	22.00
20	16QAM	50	50	20.37	20.62	20.42	22.00
20	16QAM	100	0	20.39	20.67	20.46	22.00
20	64QAM	1	0	20.67	20.85	20.56	22.00
20	64QAM	1	49	20.56	20.82	20.57	22.00
20	64QAM	1	99	20.50	20.68	20.52	22.00
20	64QAM	50	0	19.47	19.72	19.50	21.00
20	64QAM	50	24	19.48	19.71	19.56	21.00
20	64QAM	50	50	19.42	19.63	19.36	21.00
20	64QAM	100	0	19.44	19.68	19.46	21.00
20	256QAM	1	0	17.62	17.85	17.64	19.00
20	256QAM	1	49	17.62	17.80	17.55	19.00
20	256QAM	1	99	17.62	17.83	17.63	19.00
20	256QAM	50	0	17.61	17.77	17.52	19.00
20	256QAM	50	24	17.52	17.70	17.47	19.00
20	256QAM	50	50	17.35	17.61	17.45	19.00
20	256QAM	100	0	17.44	17.67	17.47	19.00
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	22.64	22.77	22.61	24.00
15	QPSK	1	37	22.34	22.58	22.22	24.00
15	QPSK	1	74	22.03	22.33	22.08	24.00
15	QPSK	36	0	21.41	21.61	21.46	23.00
15	QPSK	36	20	21.47	21.64	21.39	23.00
15	QPSK	36	39	21.19	21.44	21.37	23.00
15	QPSK	75	0	21.36	21.57	21.30	23.00

15	16QAM	1	0	21.38	21.78	21.54	23.00
15	16QAM	1	37	21.38	21.60	21.46	23.00
15	16QAM	1	74	21.50	21.66	21.48	23.00
15	16QAM	36	0	20.56	20.71	20.46	22.00
15	16QAM	36	20	20.47	20.63	20.30	22.00
15	16QAM	36	39	20.31	20.61	20.28	22.00
15	16QAM	75	0	20.30	20.61	20.44	22.00
15	64QAM	1	0	20.61	20.82	20.44	22.00
15	64QAM	1	37	20.42	20.81	20.55	22.00
15	64QAM	1	74	20.47	20.57	20.50	22.00
15	64QAM	36	0	19.42	19.67	19.45	21.00
15	64QAM	36	20	19.44	19.56	19.53	21.00
15	64QAM	36	39	19.39	19.52	19.24	21.00
15	64QAM	75	0	19.41	19.54	19.40	21.00
15	256QAM	1	0	17.54	17.72	17.52	19.00
15	256QAM	1	37	17.47	17.67	17.41	19.00
15	256QAM	1	74	17.57	17.71	17.52	19.00
15	256QAM	36	0	17.48	17.65	17.38	19.00
15	256QAM	36	20	17.37	17.60	17.35	19.00
15	256QAM	36	39	17.32	17.57	17.32	19.00
15	256QAM	75	0	17.41	17.58	17.44	19.00
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	22.66	22.77	22.70	24.00
10	QPSK	1	25	22.33	22.55	22.32	24.00
10	QPSK	1	49	22.08	22.38	22.21	24.00
10	QPSK	25	0	21.32	21.59	21.52	23.00
10	QPSK	25	12	21.44	21.58	21.35	23.00
10	QPSK	25	25	21.21	21.45	21.29	23.00
10	QPSK	50	0	21.37	21.56	21.31	23.00
10	16QAM	1	0	21.42	21.78	21.58	23.00
10	16QAM	1	25	21.41	21.60	21.52	23.00
10	16QAM	1	49	21.50	21.68	21.39	23.00
10	16QAM	25	0	20.56	20.62	20.44	22.00
10	16QAM	25	12	20.47	20.60	20.40	22.00
10	16QAM	25	25	20.25	20.56	20.41	22.00
10	16QAM	50	0	20.32	20.53	20.42	22.00
10	64QAM	1	0	20.61	20.74	20.44	22.00
10	64QAM	1	25	20.46	20.73	20.51	22.00
10	64QAM	1	49	20.42	20.62	20.44	22.00
10	64QAM	25	0	19.38	19.70	19.39	21.00
10	64QAM	25	12	19.37	19.67	19.48	21.00
10	64QAM	25	25	19.39	19.52	19.28	21.00
10	64QAM	50	0	19.37	19.67	19.35	21.00
10	256QAM	1	0	17.54	17.75	17.62	19.00
10	256QAM	1	25	17.50	17.68	17.51	19.00
10	256QAM	1	49	17.57	17.72	17.55	19.00
10	256QAM	25	0	17.56	17.69	17.42	19.00
10	256QAM	25	12	17.41	17.65	17.43	19.00
10	256QAM	25	25	17.30	17.47	17.32	19.00
10	256QAM	50	0	17.40	17.65	17.44	19.00
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	22.65	22.78	22.68	24.00
5	QPSK	1	12	22.28	22.58	22.20	24.00
5	QPSK	1	24	22.03	22.44	22.10	24.00
5	QPSK	12	0	21.38	21.70	21.50	23.00
5	QPSK	12	7	21.34	21.53	21.41	23.00
5	QPSK	12	13	21.16	21.49	21.32	23.00
5	QPSK	25	0	21.47	21.58	21.25	23.00
5	16QAM	1	0	21.45	21.68	21.48	23.00
5	16QAM	1	12	21.28	21.59	21.40	23.00
5	16QAM	1	24	21.50	21.65	21.44	23.00
5	16QAM	12	0	20.57	20.68	20.52	22.00
5	16QAM	12	7	20.40	20.53	20.39	22.00
5	16QAM	12	13	20.22	20.54	20.33	22.00
5	16QAM	25	0	20.34	20.63	20.33	22.00
5	64QAM	1	0	20.57	20.70	20.50	22.00
5	64QAM	1	12	20.50	20.75	20.50	22.00
5	64QAM	1	24	20.45	20.66	20.44	22.00
5	64QAM	12	0	19.32	19.57	19.37	21.00
5	64QAM	12	7	19.45	19.61	19.48	21.00
5	64QAM	12	13	19.32	19.61	19.31	21.00
5	64QAM	25	0	19.35	19.62	19.37	21.00
5	256QAM	1	0	17.49	17.78	17.58	19.00
5	256QAM	1	12	17.61	17.68	17.51	19.00
5	256QAM	1	24	17.48	17.72	17.48	19.00
5	256QAM	12	0	17.52	17.62	17.38	19.00

5	256QAM	12	7	17.40	17.65	17.39	19.00
5	256QAM	12	13	17.25	17.46	17.35	19.00
5	256QAM	25	0	17.36	17.60	17.37	19.00

【LTE Band 7_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				20850	21100	21350	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	21.18	21.24	21.10	22.00
20	QPSK	1	49	21.13	21.18	21.03	22.00
20	QPSK	1	99	21.14	21.14	21.04	22.00
20	QPSK	50	0	21.06	21.15	21.13	22.00
20	QPSK	50	24	21.00	21.11	21.05	22.00
20	QPSK	50	50	21.05	21.02	20.92	22.00
20	QPSK	100	0	20.80	20.97	20.88	22.00
20	16QAM	1	0	20.98	21.02	21.01	22.00
20	16QAM	1	49	20.90	20.97	21.08	22.00
20	16QAM	1	99	20.93	20.87	20.98	22.00
20	16QAM	50	0	20.58	20.73	20.54	22.00
20	16QAM	50	24	20.53	20.68	20.43	22.00
20	16QAM	50	50	20.37	20.62	20.42	22.00
20	16QAM	100	0	20.39	20.67	20.46	22.00
20	64QAM	1	0	20.67	20.85	20.56	22.00
20	64QAM	1	49	20.56	20.82	20.57	22.00
20	64QAM	1	99	20.50	20.68	20.52	22.00
20	64QAM	50	0	19.47	19.72	19.50	21.00
20	64QAM	50	24	19.48	19.71	19.56	21.00
20	64QAM	50	50	19.42	19.63	19.36	21.00
20	64QAM	100	0	19.44	19.68	19.46	21.00
20	256QAM	1	0	17.62	17.85	17.64	19.00
20	256QAM	1	49	17.62	17.80	17.55	19.00
20	256QAM	1	99	17.62	17.83	17.63	19.00
20	256QAM	50	0	17.61	17.77	17.52	19.00
20	256QAM	50	24	17.52	17.70	17.47	19.00
20	256QAM	50	50	17.35	17.61	17.45	19.00
20	256QAM	100	0	17.44	17.67	17.47	19.00
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	21.13	21.10	21.03	22.00
15	QPSK	1	37	20.98	21.10	20.91	22.00
15	QPSK	1	74	21.09	21.12	20.94	22.00
15	QPSK	36	0	21.02	21.06	21.05	22.00
15	QPSK	36	20	20.87	21.02	20.92	22.00
15	QPSK	36	39	20.94	20.88	20.82	22.00
15	QPSK	75	0	20.68	20.83	20.79	22.00
15	16QAM	1	0	20.91	20.94	20.98	22.00
15	16QAM	1	37	20.77	20.83	20.99	22.00
15	16QAM	1	74	20.83	20.83	20.91	22.00
15	16QAM	36	0	20.45	20.70	20.41	22.00
15	16QAM	36	20	20.43	20.56	20.29	22.00
15	16QAM	36	39	20.27	20.58	20.40	22.00
15	16QAM	75	0	20.38	20.59	20.32	22.00
15	64QAM	1	0	20.54	20.81	20.48	22.00
15	64QAM	1	37	20.47	20.78	20.53	22.00
15	64QAM	1	74	20.40	20.55	20.44	22.00
15	64QAM	36	0	19.40	19.59	19.35	21.00
15	64QAM	36	20	19.38	19.66	19.48	21.00
15	64QAM	36	39	19.33	19.60	19.24	21.00
15	64QAM	75	0	19.36	19.61	19.35	21.00
15	256QAM	1	0	17.58	17.83	17.50	19.00
15	256QAM	1	37	17.58	17.70	17.49	19.00
15	256QAM	1	74	17.60	17.71	17.60	19.00
15	256QAM	36	0	17.47	17.73	17.37	19.00
15	256QAM	36	20	17.41	17.61	17.35	19.00
15	256QAM	36	39	17.22	17.55	17.35	19.00
15	256QAM	75	0	17.38	17.56	17.42	19.00
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	21.08	21.19	21.02	22.00
10	QPSK	1	25	21.07	21.05	20.97	22.00
10	QPSK	1	49	21.13	21.05	20.95	22.00

10	QPSK	25	0	21.04	21.01	20.99	22.00
10	QPSK	25	12	20.93	21.05	20.96	22.00
10	QPSK	25	25	20.96	20.88	20.79	22.00
10	QPSK	50	0	20.70	20.83	20.74	22.00
10	16QAM	1	0	20.86	20.89	20.88	22.00
10	16QAM	1	25	20.88	20.88	21.04	22.00
10	16QAM	1	49	20.83	20.76	20.92	22.00
10	16QAM	25	0	20.51	20.67	20.51	22.00
10	16QAM	25	12	20.42	20.62	20.32	22.00
10	16QAM	25	25	20.29	20.59	20.39	22.00
10	16QAM	50	0	20.29	20.56	20.32	22.00
10	64QAM	1	0	20.64	20.79	20.49	22.00
10	64QAM	1	25	20.49	20.74	20.45	22.00
10	64QAM	1	49	20.48	20.58	20.44	22.00
10	64QAM	25	0	19.41	19.65	19.47	21.00
10	64QAM	25	12	19.37	19.68	19.46	21.00
10	64QAM	25	25	19.40	19.58	19.21	21.00
10	64QAM	50	0	19.31	19.53	19.33	21.00
10	256QAM	1	0	17.59	17.74	17.55	19.00
10	256QAM	1	25	17.49	17.69	17.43	19.00
10	256QAM	1	49	17.57	17.74	17.55	19.00
10	256QAM	25	0	17.49	17.69	17.40	19.00
10	256QAM	25	12	17.38	17.57	17.40	19.00
10	256QAM	25	25	17.28	17.49	17.32	19.00
10	256QAM	50	0	17.42	17.55	17.33	19.00
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	21.17	21.15	21.04	22.00
5	QPSK	1	12	21.04	21.11	20.97	22.00
5	QPSK	1	24	21.08	21.02	20.99	22.00
5	QPSK	12	0	20.93	21.13	21.03	22.00
5	QPSK	12	7	20.98	21.03	20.94	22.00
5	QPSK	12	13	20.92	20.99	20.82	22.00
5	QPSK	25	0	20.70	20.84	20.81	22.00
5	16QAM	1	0	20.92	20.91	20.94	22.00
5	16QAM	1	12	20.83	20.83	21.06	22.00
5	16QAM	1	24	20.84	20.77	20.93	22.00
5	16QAM	12	0	20.52	20.71	20.49	22.00
5	16QAM	12	7	20.49	20.56	20.41	22.00
5	16QAM	12	13	20.23	20.50	20.30	22.00
5	16QAM	25	0	20.27	20.63	20.37	22.00
5	64QAM	1	0	20.53	20.72	20.49	22.00
5	64QAM	1	12	20.43	20.79	20.44	22.00
5	64QAM	1	24	20.39	20.57	20.46	22.00
5	64QAM	12	0	19.39	19.67	19.35	21.00
5	64QAM	12	7	19.33	19.65	19.49	21.00
5	64QAM	12	13	19.37	19.55	19.33	21.00
5	64QAM	25	0	19.41	19.61	19.32	21.00
5	256QAM	1	0	17.58	17.78	17.61	19.00
5	256QAM	1	12	17.56	17.76	17.48	19.00
5	256QAM	1	24	17.60	17.80	17.54	19.00
5	256QAM	12	0	17.56	17.76	17.40	19.00
5	256QAM	12	7	17.49	17.68	17.44	19.00
5	256QAM	12	13	17.26	17.52	17.36	19.00
5	256QAM	25	0	17.43	17.59	17.36	19.00

【LTE Band 7_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				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	20.27	20.31	20.21	21.00
20	QPSK	1	49	20.02	20.17	20.09	21.00
20	QPSK	1	99	20.13	20.16	20.05	21.00
20	QPSK	50	0	20.08	20.11	20.10	21.00
20	QPSK	50	24	19.93	19.97	19.91	21.00
20	QPSK	50	50	20.01	20.08	19.93	21.00
20	QPSK	100	0	19.88	20.05	19.84	21.00
20	16QAM	1	0	19.98	19.95	20.09	21.00
20	16QAM	1	49	20.00	19.92	19.94	21.00
20	16QAM	1	99	19.92	19.92	19.90	21.00
20	16QAM	50	0	20.04	20.00	19.94	21.00

20	16QAM	50	24	20.12	19.98	20.15	21.00
20	16QAM	50	50	20.05	20.08	20.15	21.00
20	16QAM	100	0	19.90	20.22	20.11	21.00
20	64QAM	1	0	20.10	19.99	20.10	21.00
20	64QAM	1	49	20.03	20.01	20.06	21.00
20	64QAM	1	99	20.03	20.23	20.08	21.00
20	64QAM	50	0	19.47	19.72	19.50	21.00
20	64QAM	50	24	19.48	19.71	19.56	21.00
20	64QAM	50	50	19.42	19.63	19.36	21.00
20	64QAM	100	0	19.44	19.68	19.46	21.00
20	256QAM	1	0	17.62	17.85	17.64	19.00
20	256QAM	1	49	17.62	17.80	17.55	19.00
20	256QAM	1	99	17.62	17.83	17.63	19.00
20	256QAM	50	0	17.61	17.77	17.52	19.00
20	256QAM	50	24	17.52	17.70	17.47	19.00
20	256QAM	50	50	17.35	17.61	17.45	19.00
20	256QAM	100	0	17.44	17.67	17.47	19.00
Channel				20825	21100	21375	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	QPSK	1	0	20.13	20.27	20.10	21.00
15	QPSK	1	37	19.95	20.08	20.05	21.00
15	QPSK	1	74	20.05	20.08	19.96	21.00
15	QPSK	36	0	19.97	20.08	20.09	21.00
15	QPSK	36	20	19.84	19.90	19.86	21.00
15	QPSK	36	39	19.95	19.94	19.84	21.00
15	QPSK	75	0	19.86	19.99	19.82	21.00
15	16QAM	1	0	19.96	19.90	20.01	21.00
15	16QAM	1	37	19.85	19.91	19.80	21.00
15	16QAM	1	74	19.83	19.85	19.75	21.00
15	16QAM	36	0	19.89	19.86	19.91	21.00
15	16QAM	36	20	20.04	19.94	20.06	21.00
15	16QAM	36	39	20.01	20.05	20.12	21.00
15	16QAM	75	0	19.81	20.16	20.03	21.00
15	64QAM	1	0	20.03	19.95	19.96	21.00
15	64QAM	1	37	19.88	19.89	19.99	21.00
15	64QAM	1	74	19.90	20.22	19.94	21.00
15	64QAM	36	0	19.32	19.71	19.45	21.00
15	64QAM	36	20	19.45	19.65	19.45	21.00
15	64QAM	36	39	19.38	19.59	19.24	21.00
15	64QAM	75	0	19.40	19.59	19.35	21.00
15	256QAM	1	0	17.47	17.80	17.53	19.00
15	256QAM	1	37	17.49	17.67	17.49	19.00
15	256QAM	1	74	17.49	17.69	17.53	19.00
15	256QAM	36	0	17.57	17.74	17.45	19.00
15	256QAM	36	20	17.47	17.60	17.38	19.00
15	256QAM	36	39	17.28	17.59	17.36	19.00
15	256QAM	75	0	17.31	17.57	17.42	19.00
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	20.16	20.24	20.07	21.00
10	QPSK	1	25	19.93	20.13	19.98	21.00
10	QPSK	1	49	20.01	20.13	19.95	21.00
10	QPSK	25	0	20.06	20.00	19.99	21.00
10	QPSK	25	12	19.85	19.82	19.83	21.00
10	QPSK	25	25	19.98	19.94	19.82	21.00
10	QPSK	50	0	19.78	19.94	19.75	21.00
10	16QAM	1	0	19.92	19.83	20.08	21.00
10	16QAM	1	25	19.97	19.89	19.89	21.00
10	16QAM	1	49	19.85	19.79	19.87	21.00
10	16QAM	25	0	19.91	19.88	19.84	21.00
10	16QAM	25	12	20.01	19.92	20.02	21.00
10	16QAM	25	25	19.91	19.96	20.12	21.00
10	16QAM	50	0	19.87	20.14	20.00	21.00
10	64QAM	1	0	20.08	19.97	19.97	21.00
10	64QAM	1	25	19.93	19.89	19.93	21.00
10	64QAM	1	49	19.96	20.12	19.97	21.00
10	64QAM	25	0	19.43	19.61	19.37	21.00
10	64QAM	25	12	19.42	19.60	19.50	21.00
10	64QAM	25	25	19.39	19.58	19.30	21.00
10	64QAM	50	0	19.33	19.61	19.34	21.00
10	256QAM	1	0	17.59	17.77	17.52	19.00
10	256QAM	1	25	17.60	17.69	17.45	19.00
10	256QAM	1	49	17.56	17.78	17.55	19.00
10	256QAM	25	0	17.47	17.67	17.45	19.00
10	256QAM	25	12	17.48	17.66	17.40	19.00
10	256QAM	25	25	17.31	17.53	17.37	19.00
10	256QAM	50	0	17.33	17.62	17.39	19.00
Channel				20775	21100	21425	Tune-up limit

Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	20.18	20.17	20.16	21.00
5	QPSK	1	12	19.89	20.08	20.05	21.00
5	QPSK	1	24	20.07	20.11	19.93	21.00
5	QPSK	12	0	20.01	20.09	19.96	21.00
5	QPSK	12	7	19.79	19.83	19.85	21.00
5	QPSK	12	13	19.95	19.97	19.85	21.00
5	QPSK	25	0	19.83	20.03	19.75	21.00
5	16QAM	1	0	19.91	19.86	19.95	21.00
5	16QAM	1	12	19.93	19.79	19.86	21.00
5	16QAM	1	24	19.83	19.88	19.80	21.00
5	16QAM	12	0	20.01	19.92	19.87	21.00
5	16QAM	12	7	20.07	19.92	20.12	21.00
5	16QAM	12	13	20.03	20.02	20.11	21.00
5	16QAM	25	0	19.87	20.10	20.06	21.00
5	64QAM	1	0	20.04	19.92	20.00	21.00
5	64QAM	1	12	19.94	20.00	19.92	21.00
5	64QAM	1	24	19.96	20.14	20.01	21.00
5	64QAM	12	0	19.35	19.69	19.46	21.00
5	64QAM	12	7	19.42	19.57	19.54	21.00
5	64QAM	12	13	19.29	19.56	19.31	21.00
5	64QAM	25	0	19.35	19.62	19.35	21.00
5	256QAM	1	0	17.56	17.79	17.56	19.00
5	256QAM	1	12	17.51	17.78	17.45	19.00
5	256QAM	1	24	17.59	17.70	17.48	19.00
5	256QAM	12	0	17.57	17.64	17.41	19.00
5	256QAM	12	7	17.46	17.57	17.41	19.00
5	256QAM	12	13	17.25	17.50	17.30	19.00
5	256QAM	25	0	17.36	17.62	17.45	19.00

【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	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	23.24	23.37	23.12	24.00
20	QPSK	1	49	22.88	23.14	22.81	24.00
20	QPSK	1	99	22.71	22.97	22.69	24.00
20	QPSK	50	0	22.00	22.20	21.85	23.00
20	QPSK	50	24	21.96	22.17	21.79	23.00
20	QPSK	50	50	21.94	22.08	21.75	23.00
20	QPSK	100	0	21.94	22.12	21.79	23.00
20	16QAM	1	0	22.14	22.34	22.05	23.00
20	16QAM	1	49	22.00	22.26	21.96	23.00
20	16QAM	1	99	21.81	22.07	21.73	23.00
20	16QAM	50	0	21.03	21.20	20.88	22.00
20	16QAM	50	24	20.87	21.11	20.84	22.00
20	16QAM	50	50	20.88	21.11	20.79	22.00
20	16QAM	100	0	21.01	21.15	20.82	22.00
20	64QAM	1	0	20.95	21.20	20.87	22.00
20	64QAM	1	49	21.53	21.67	21.37	22.00
20	64QAM	1	99	20.93	21.15	20.81	22.00
20	64QAM	50	0	19.95	20.16	19.85	21.00
20	64QAM	50	24	19.99	20.13	19.83	21.00
20	64QAM	50	50	19.97	20.11	19.77	21.00
20	64QAM	100	0	19.87	20.12	19.84	21.00
20	256QAM	1	0	18.17	18.30	17.96	19.00
20	256QAM	1	49	18.03	18.20	17.95	19.00
20	256QAM	1	99	17.85	18.05	17.82	19.00
20	256QAM	50	0	18.00	18.14	17.90	19.00
20	256QAM	50	24	18.02	18.19	17.93	19.00
20	256QAM	50	50	17.83	18.05	17.84	19.00
20	256QAM	100	0	17.86	18.10	17.83	19.00
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	23.13	23.33	23.10	24.00
15	QPSK	1	37	22.85	23.09	22.79	24.00
15	QPSK	1	74	22.58	22.85	22.56	24.00
15	QPSK	36	0	21.93	22.19	21.74	23.00
15	QPSK	36	20	21.92	22.04	21.66	23.00
15	QPSK	36	39	21.82	21.96	21.68	23.00
15	QPSK	75	0	21.79	22.11	21.71	23.00

15	16QAM	1	0	21.99	22.22	22.03	23.00
15	16QAM	1	37	21.90	22.18	21.84	23.00
15	16QAM	1	74	21.73	21.93	21.59	23.00
15	16QAM	36	0	20.92	21.09	20.81	22.00
15	16QAM	36	20	20.86	21.10	20.72	22.00
15	16QAM	36	39	20.86	21.02	20.75	22.00
15	16QAM	75	0	20.98	21.11	20.77	22.00
15	64QAM	1	0	20.83	21.05	20.78	22.00
15	64QAM	1	37	21.39	21.63	21.34	22.00
15	64QAM	1	74	20.91	21.02	20.79	22.00
15	64QAM	36	0	19.92	20.09	19.78	21.00
15	64QAM	36	20	19.91	20.11	19.76	21.00
15	64QAM	36	39	19.94	19.96	19.65	21.00
15	64QAM	75	0	19.80	20.01	19.72	21.00
15	256QAM	1	0	18.12	18.25	17.93	19.00
15	256QAM	1	37	17.94	18.10	17.92	19.00
15	256QAM	1	74	17.72	17.98	17.70	19.00
15	256QAM	36	0	17.92	18.13	17.89	19.00
15	256QAM	36	20	18.00	18.09	17.87	19.00
15	256QAM	36	39	17.75	18.02	17.80	19.00
15	256QAM	75	0	17.74	18.00	17.70	19.00
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	23.14	23.34	23.07	24.00
10	QPSK	1	25	22.78	23.00	22.75	24.00
10	QPSK	1	49	22.57	22.96	22.66	24.00
10	QPSK	25	0	21.89	22.18	21.71	23.00
10	QPSK	25	12	21.83	22.11	21.78	23.00
10	QPSK	25	25	21.86	22.01	21.67	23.00
10	QPSK	50	0	21.85	21.98	21.70	23.00
10	16QAM	1	0	22.07	22.33	22.00	23.00
10	16QAM	1	25	21.86	22.16	21.88	23.00
10	16QAM	1	49	21.73	21.94	21.60	23.00
10	16QAM	25	0	20.96	21.06	20.86	22.00
10	16QAM	25	12	20.77	20.96	20.71	22.00
10	16QAM	25	25	20.81	21.09	20.72	22.00
10	16QAM	50	0	20.94	21.08	20.70	22.00
10	64QAM	1	0	20.86	21.10	20.82	22.00
10	64QAM	1	25	21.43	21.62	21.27	22.00
10	64QAM	1	49	20.78	21.13	20.79	22.00
10	64QAM	25	0	19.83	20.02	19.82	21.00
10	64QAM	25	12	19.95	20.09	19.77	21.00
10	64QAM	25	25	19.93	20.01	19.70	21.00
10	64QAM	50	0	19.86	20.07	19.80	21.00
10	256QAM	1	0	18.07	18.22	17.90	19.00
10	256QAM	1	25	17.91	18.05	17.85	19.00
10	256QAM	1	49	17.72	17.94	17.73	19.00
10	256QAM	25	0	17.87	18.12	17.87	19.00
10	256QAM	25	12	17.88	18.14	17.88	19.00
10	256QAM	25	25	17.77	17.96	17.70	19.00
10	256QAM	50	0	17.85	17.98	17.78	19.00
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	23.23	23.26	23.07	24.00
5	QPSK	1	12	22.84	22.99	22.76	24.00
5	QPSK	1	24	22.61	22.87	22.56	24.00
5	QPSK	12	0	21.92	22.17	21.81	23.00
5	QPSK	12	7	21.82	22.11	21.76	23.00
5	QPSK	12	13	21.91	22.07	21.69	23.00
5	QPSK	25	0	21.79	22.10	21.75	23.00
5	16QAM	1	0	22.03	22.24	21.96	23.00
5	16QAM	1	12	21.96	22.24	21.91	23.00
5	16QAM	1	24	21.78	22.03	21.70	23.00
5	16QAM	12	0	20.98	21.14	20.84	22.00
5	16QAM	12	7	20.85	21.01	20.75	22.00
5	16QAM	12	13	20.77	20.97	20.71	22.00
5	16QAM	25	0	20.94	21.11	20.80	22.00
5	64QAM	1	0	20.90	21.08	20.84	22.00
5	64QAM	1	12	21.49	21.63	21.27	22.00
5	64QAM	1	24	20.84	21.10	20.70	22.00
5	64QAM	12	0	19.85	20.10	19.76	21.00
5	64QAM	12	7	19.84	19.99	19.76	21.00
5	64QAM	12	13	19.88	19.98	19.65	21.00
5	64QAM	25	0	19.79	20.04	19.71	21.00
5	256QAM	1	0	18.14	18.27	17.90	19.00
5	256QAM	1	12	17.91	18.14	17.82	19.00
5	256QAM	1	24	17.79	18.01	17.77	19.00
5	256QAM	12	0	17.94	18.11	17.75	19.00

5	256QAM	12	7	17.94	18.05	17.87	19.00
5	256QAM	12	13	17.73	17.98	17.77	19.00
5	256QAM	25	0	17.83	18.09	17.73	19.00

【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	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	15.50	15.53	15.41	16.50
20	QPSK	1	49	15.35	15.52	15.35	16.50
20	QPSK	1	99	15.50	15.53	15.35	16.50
20	QPSK	50	0	15.36	15.55	15.34	16.50
20	QPSK	50	24	15.33	15.39	15.27	16.50
20	QPSK	50	50	15.23	15.28	15.25	16.50
20	QPSK	100	0	15.14	15.38	15.15	16.50
20	16QAM	1	0	15.19	15.36	15.44	16.50
20	16QAM	1	49	15.23	15.22	15.37	16.50
20	16QAM	1	99	15.22	15.25	15.32	16.50
20	16QAM	50	0	15.39	15.31	15.35	16.50
20	16QAM	50	24	15.34	15.41	15.40	16.50
20	16QAM	50	50	15.47	15.32	15.45	16.50
20	16QAM	100	0	15.33	15.39	15.44	16.50
20	64QAM	1	0	15.28	15.33	15.48	16.50
20	64QAM	1	49	15.27	15.37	15.46	16.50
20	64QAM	1	99	15.35	15.41	15.34	16.50
20	64QAM	50	0	15.42	15.39	15.35	16.50
20	64QAM	50	24	15.36	15.37	15.31	16.50
20	64QAM	50	50	15.33	15.44	15.56	16.50
20	64QAM	100	0	15.46	15.49	15.38	16.50
20	256QAM	1	0	15.34	15.55	15.40	16.50
20	256QAM	1	49	15.26	15.56	15.32	16.50
20	256QAM	1	99	15.44	15.46	15.31	16.50
20	256QAM	50	0	15.31	15.45	15.37	16.50
20	256QAM	50	24	15.22	15.42	15.46	16.50
20	256QAM	50	50	15.27	15.36	15.37	16.50
20	256QAM	100	0	15.28	15.40	15.46	16.50
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	15.46	15.45	15.38	16.50
15	QPSK	1	37	15.24	15.40	15.20	16.50
15	QPSK	1	74	15.39	15.46	15.25	16.50
15	QPSK	36	0	15.32	15.41	15.29	16.50
15	QPSK	36	20	15.28	15.32	15.15	16.50
15	QPSK	36	39	15.11	15.24	15.21	16.50
15	QPSK	75	0	15.05	15.27	15.11	16.50
15	16QAM	1	0	15.09	15.23	15.39	16.50
15	16QAM	1	37	15.09	15.13	15.26	16.50
15	16QAM	1	74	15.11	15.19	15.20	16.50
15	16QAM	36	0	15.32	15.25	15.23	16.50
15	16QAM	36	20	15.30	15.33	15.38	16.50
15	16QAM	36	39	15.33	15.28	15.32	16.50
15	16QAM	75	0	15.22	15.25	15.33	16.50
15	64QAM	1	0	15.15	15.21	15.42	16.50
15	64QAM	1	37	15.24	15.31	15.35	16.50
15	64QAM	1	74	15.27	15.32	15.31	16.50
15	64QAM	36	0	15.28	15.36	15.20	16.50
15	64QAM	36	20	15.33	15.34	15.26	16.50
15	64QAM	36	39	15.20	15.37	15.45	16.50
15	64QAM	75	0	15.35	15.35	15.35	16.50
15	256QAM	1	0	15.29	15.41	15.33	16.50
15	256QAM	1	37	15.22	15.41	15.21	16.50
15	256QAM	1	74	15.42	15.45	15.26	16.50
15	256QAM	36	0	15.24	15.41	15.27	16.50
15	256QAM	36	20	15.12	15.31	15.44	16.50
15	256QAM	36	39	15.26	15.28	15.25	16.50
15	256QAM	75	0	15.16	15.30	15.39	16.50
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	15.44	15.48	15.38	16.50
10	QPSK	1	25	15.29	15.42	15.26	16.50
10	QPSK	1	49	15.38	15.48	15.23	16.50

10	QPSK	25	0	15.27	15.46	15.24	16.50
10	QPSK	25	12	15.31	15.35	15.26	16.50
10	QPSK	25	25	15.15	15.23	15.14	16.50
10	QPSK	50	0	15.03	15.31	15.13	16.50
10	16QAM	1	0	15.08	15.34	15.37	16.50
10	16QAM	1	25	15.19	15.15	15.22	16.50
10	16QAM	1	49	15.08	15.14	15.20	16.50
10	16QAM	25	0	15.30	15.19	15.24	16.50
10	16QAM	25	12	15.31	15.31	15.33	16.50
10	16QAM	25	25	15.36	15.25	15.40	16.50
10	16QAM	50	0	15.31	15.26	15.41	16.50
10	64QAM	1	0	15.24	15.30	15.34	16.50
10	64QAM	1	25	15.14	15.24	15.34	16.50
10	64QAM	1	49	15.28	15.36	15.31	16.50
10	64QAM	25	0	15.29	15.25	15.21	16.50
10	64QAM	25	12	15.29	15.22	15.19	16.50
10	64QAM	25	25	15.32	15.39	15.49	16.50
10	64QAM	50	0	15.32	15.37	15.36	16.50
10	256QAM	1	0	15.25	15.46	15.29	16.50
10	256QAM	1	25	15.12	15.55	15.21	16.50
10	256QAM	1	49	15.39	15.32	15.27	16.50
10	256QAM	25	0	15.23	15.31	15.32	16.50
10	256QAM	25	12	15.08	15.38	15.42	16.50
10	256QAM	25	25	15.23	15.26	15.25	16.50
10	256QAM	50	0	15.18	15.33	15.37	16.50
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	15.37	15.40	15.28	16.50
5	QPSK	1	12	15.28	15.48	15.24	16.50
5	QPSK	1	24	15.48	15.48	15.30	16.50
5	QPSK	12	0	15.31	15.46	15.33	16.50
5	QPSK	12	7	15.31	15.37	15.24	16.50
5	QPSK	12	13	15.17	15.23	15.22	16.50
5	QPSK	25	0	15.12	15.35	15.09	16.50
5	16QAM	1	0	15.08	15.34	15.40	16.50
5	16QAM	1	12	15.10	15.19	15.32	16.50
5	16QAM	1	24	15.15	15.13	15.19	16.50
5	16QAM	12	0	15.33	15.25	15.32	16.50
5	16QAM	12	7	15.19	15.34	15.36	16.50
5	16QAM	12	13	15.41	15.23	15.42	16.50
5	16QAM	25	0	15.22	15.37	15.38	16.50
5	64QAM	1	0	15.23	15.24	15.47	16.50
5	64QAM	1	12	15.22	15.24	15.44	16.50
5	64QAM	1	24	15.25	15.27	15.32	16.50
5	64QAM	12	0	15.28	15.24	15.25	16.50
5	64QAM	12	7	15.27	15.32	15.22	16.50
5	64QAM	12	13	15.27	15.40	15.49	16.50
5	64QAM	25	0	15.43	15.46	15.24	16.50
5	256QAM	1	0	15.23	15.52	15.26	16.50
5	256QAM	1	12	15.13	15.51	15.20	16.50
5	256QAM	1	24	15.30	15.43	15.22	16.50
5	256QAM	12	0	15.29	15.41	15.27	16.50
5	256QAM	12	7	15.15	15.41	15.44	16.50
5	256QAM	12	13	15.26	15.28	15.33	16.50
5	256QAM	25	0	15.26	15.25	15.38	16.50

【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	15.50	15.53	15.41	16.50
20	QPSK	1	49	15.35	15.52	15.35	16.50
20	QPSK	1	99	15.50	15.53	15.35	16.50
20	QPSK	50	0	15.36	15.55	15.34	16.50
20	QPSK	50	24	15.33	15.39	15.27	16.50
20	QPSK	50	50	15.23	15.28	15.25	16.50
20	QPSK	100	0	15.14	15.38	15.15	16.50
20	16QAM	1	0	15.19	15.36	15.44	16.50
20	16QAM	1	49	15.23	15.22	15.37	16.50
20	16QAM	1	99	15.22	15.25	15.32	16.50
20	16QAM	50	0	15.39	15.31	15.35	16.50

20	16QAM	50	24	15.34	15.41	15.40	16.50
20	16QAM	50	50	15.47	15.32	15.45	16.50
20	16QAM	100	0	15.33	15.39	15.44	16.50
20	64QAM	1	0	15.28	15.33	15.48	16.50
20	64QAM	1	49	15.27	15.37	15.46	16.50
20	64QAM	1	99	15.35	15.41	15.34	16.50
20	64QAM	50	0	15.42	15.39	15.35	16.50
20	64QAM	50	24	15.36	15.37	15.31	16.50
20	64QAM	50	50	15.33	15.44	15.56	16.50
20	64QAM	100	0	15.46	15.49	15.38	16.50
20	256QAM	1	0	15.34	15.55	15.40	16.50
20	256QAM	1	49	15.26	15.56	15.32	16.50
20	256QAM	1	99	15.44	15.46	15.31	16.50
20	256QAM	50	0	15.31	15.45	15.37	16.50
20	256QAM	50	24	15.22	15.42	15.46	16.50
20	256QAM	50	50	15.27	15.36	15.37	16.50
20	256QAM	100	0	15.28	15.40	15.46	16.50
Channel				20825	21100	21375	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	QPSK	1	0	15.46	15.45	15.38	16.50
15	QPSK	1	37	15.24	15.40	15.20	16.50
15	QPSK	1	74	15.39	15.46	15.25	16.50
15	QPSK	36	0	15.32	15.41	15.29	16.50
15	QPSK	36	20	15.28	15.32	15.15	16.50
15	QPSK	36	39	15.11	15.24	15.21	16.50
15	QPSK	75	0	15.05	15.27	15.11	16.50
15	16QAM	1	0	15.09	15.23	15.39	16.50
15	16QAM	1	37	15.09	15.13	15.26	16.50
15	16QAM	1	74	15.11	15.19	15.20	16.50
15	16QAM	36	0	15.32	15.25	15.23	16.50
15	16QAM	36	20	15.30	15.33	15.38	16.50
15	16QAM	36	39	15.33	15.28	15.32	16.50
15	16QAM	75	0	15.22	15.25	15.33	16.50
15	64QAM	1	0	15.15	15.21	15.42	16.50
15	64QAM	1	37	15.24	15.31	15.35	16.50
15	64QAM	1	74	15.27	15.32	15.31	16.50
15	64QAM	36	0	15.28	15.36	15.20	16.50
15	64QAM	36	20	15.33	15.34	15.26	16.50
15	64QAM	36	39	15.20	15.37	15.45	16.50
15	64QAM	75	0	15.35	15.35	15.35	16.50
15	256QAM	1	0	15.29	15.41	15.33	16.50
15	256QAM	1	37	15.22	15.41	15.21	16.50
15	256QAM	1	74	15.42	15.45	15.26	16.50
15	256QAM	36	0	15.24	15.41	15.27	16.50
15	256QAM	36	20	15.12	15.31	15.44	16.50
15	256QAM	36	39	15.26	15.28	15.25	16.50
15	256QAM	75	0	15.16	15.30	15.39	16.50
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	15.44	15.48	15.38	16.50
10	QPSK	1	25	15.29	15.42	15.26	16.50
10	QPSK	1	49	15.38	15.48	15.23	16.50
10	QPSK	25	0	15.27	15.46	15.24	16.50
10	QPSK	25	12	15.31	15.35	15.26	16.50
10	QPSK	25	25	15.15	15.23	15.14	16.50
10	QPSK	50	0	15.03	15.31	15.13	16.50
10	16QAM	1	0	15.08	15.34	15.37	16.50
10	16QAM	1	25	15.19	15.15	15.22	16.50
10	16QAM	1	49	15.08	15.14	15.20	16.50
10	16QAM	25	0	15.30	15.19	15.24	16.50
10	16QAM	25	12	15.31	15.31	15.33	16.50
10	16QAM	25	25	15.36	15.25	15.40	16.50
10	16QAM	50	0	15.31	15.26	15.41	16.50
10	64QAM	1	0	15.24	15.30	15.34	16.50
10	64QAM	1	25	15.14	15.24	15.34	16.50
10	64QAM	1	49	15.28	15.36	15.31	16.50
10	64QAM	25	0	15.29	15.25	15.21	16.50
10	64QAM	25	12	15.29	15.22	15.19	16.50
10	64QAM	25	25	15.32	15.39	15.49	16.50
10	64QAM	50	0	15.32	15.37	15.36	16.50
10	256QAM	1	0	15.25	15.46	15.29	16.50
10	256QAM	1	25	15.12	15.55	15.21	16.50
10	256QAM	1	49	15.39	15.32	15.27	16.50
10	256QAM	25	0	15.23	15.31	15.32	16.50
10	256QAM	25	12	15.08	15.38	15.42	16.50
10	256QAM	25	25	15.23	15.26	15.25	16.50
10	256QAM	50	0	15.18	15.33	15.37	16.50
Channel				20775	21100	21425	Tune-up limit

Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	15.37	15.40	15.28	16.50
5	QPSK	1	12	15.28	15.48	15.24	16.50
5	QPSK	1	24	15.48	15.48	15.30	16.50
5	QPSK	12	0	15.31	15.46	15.33	16.50
5	QPSK	12	7	15.31	15.37	15.24	16.50
5	QPSK	12	13	15.17	15.23	15.22	16.50
5	QPSK	25	0	15.12	15.35	15.09	16.50
5	16QAM	1	0	15.08	15.34	15.40	16.50
5	16QAM	1	12	15.10	15.19	15.32	16.50
5	16QAM	1	24	15.15	15.13	15.19	16.50
5	16QAM	12	0	15.33	15.25	15.32	16.50
5	16QAM	12	7	15.19	15.34	15.36	16.50
5	16QAM	12	13	15.41	15.23	15.42	16.50
5	16QAM	25	0	15.22	15.37	15.38	16.50
5	64QAM	1	0	15.23	15.24	15.47	16.50
5	64QAM	1	12	15.22	15.24	15.44	16.50
5	64QAM	1	24	15.25	15.27	15.32	16.50
5	64QAM	12	0	15.28	15.24	15.25	16.50
5	64QAM	12	7	15.27	15.32	15.22	16.50
5	64QAM	12	13	15.27	15.40	15.49	16.50
5	64QAM	25	0	15.43	15.46	15.24	16.50
5	256QAM	1	0	15.23	15.52	15.26	16.50
5	256QAM	1	12	15.13	15.51	15.20	16.50
5	256QAM	1	24	15.30	15.43	15.22	16.50
5	256QAM	12	0	15.29	15.41	15.27	16.50
5	256QAM	12	7	15.15	15.41	15.44	16.50
5	256QAM	12	13	15.26	15.28	15.33	16.50
5	256QAM	25	0	15.26	15.25	15.38	16.50

【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	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	23.24	23.37	23.12	24.00
20	QPSK	1	49	22.88	23.14	22.81	24.00
20	QPSK	1	99	22.71	22.97	22.69	24.00
20	QPSK	50	0	22.00	22.20	21.85	23.00
20	QPSK	50	24	21.96	22.17	21.79	23.00
20	QPSK	50	50	21.94	22.08	21.75	23.00
20	QPSK	100	0	21.94	22.12	21.79	23.00
20	16QAM	1	0	22.14	22.34	22.05	23.00
20	16QAM	1	49	22.00	22.26	21.96	23.00
20	16QAM	1	99	21.81	22.07	21.73	23.00
20	16QAM	50	0	21.03	21.20	20.88	22.00
20	16QAM	50	24	20.87	21.11	20.84	22.00
20	16QAM	50	50	20.88	21.11	20.79	22.00
20	16QAM	100	0	21.01	21.15	20.82	22.00
20	64QAM	1	0	20.95	21.20	20.87	22.00
20	64QAM	1	49	21.53	21.67	21.37	22.00
20	64QAM	1	99	20.93	21.15	20.81	22.00
20	64QAM	50	0	19.95	20.16	19.85	21.00
20	64QAM	50	24	19.99	20.13	19.83	21.00
20	64QAM	50	50	19.97	20.11	19.77	21.00
20	64QAM	100	0	19.87	20.12	19.84	21.00
20	256QAM	1	0	18.17	18.30	17.96	19.00
20	256QAM	1	49	18.03	18.20	17.95	19.00
20	256QAM	1	99	17.85	18.05	17.82	19.00
20	256QAM	50	0	18.00	18.14	17.90	19.00
20	256QAM	50	24	18.02	18.19	17.93	19.00
20	256QAM	50	50	17.83	18.05	17.84	19.00
20	256QAM	100	0	17.86	18.10	17.83	19.00
Channel				20825	21100	21375	
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	23.13	23.33	23.10	24.00
15	QPSK	1	37	22.85	23.09	22.79	24.00
15	QPSK	1	74	22.58	22.85	22.56	24.00
15	QPSK	36	0	21.93	22.19	21.74	23.00
15	QPSK	36	20	21.92	22.04	21.66	23.00
15	QPSK	36	39	21.82	21.96	21.68	23.00
15	QPSK	75	0	21.79	22.11	21.71	23.00

15	16QAM	1	0	21.99	22.22	22.03	23.00
15	16QAM	1	37	21.90	22.18	21.84	23.00
15	16QAM	1	74	21.73	21.93	21.59	23.00
15	16QAM	36	0	20.92	21.09	20.81	22.00
15	16QAM	36	20	20.86	21.10	20.72	22.00
15	16QAM	36	39	20.86	21.02	20.75	22.00
15	16QAM	75	0	20.98	21.11	20.77	22.00
15	64QAM	1	0	20.83	21.05	20.78	22.00
15	64QAM	1	37	21.39	21.63	21.34	22.00
15	64QAM	1	74	20.91	21.02	20.79	22.00
15	64QAM	36	0	19.92	20.09	19.78	21.00
15	64QAM	36	20	19.91	20.11	19.76	21.00
15	64QAM	36	39	19.94	19.96	19.65	21.00
15	64QAM	75	0	19.80	20.01	19.72	21.00
15	256QAM	1	0	18.12	18.25	17.93	19.00
15	256QAM	1	37	17.94	18.10	17.92	19.00
15	256QAM	1	74	17.72	17.98	17.70	19.00
15	256QAM	36	0	17.92	18.13	17.89	19.00
15	256QAM	36	20	18.00	18.09	17.87	19.00
15	256QAM	36	39	17.75	18.02	17.80	19.00
15	256QAM	75	0	17.74	18.00	17.70	19.00
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	23.14	23.34	23.07	24.00
10	QPSK	1	25	22.78	23.00	22.75	24.00
10	QPSK	1	49	22.57	22.96	22.66	24.00
10	QPSK	25	0	21.89	22.18	21.71	23.00
10	QPSK	25	12	21.83	22.11	21.78	23.00
10	QPSK	25	25	21.86	22.01	21.67	23.00
10	QPSK	50	0	21.85	21.98	21.70	23.00
10	16QAM	1	0	22.07	22.33	22.00	23.00
10	16QAM	1	25	21.86	22.16	21.88	23.00
10	16QAM	1	49	21.73	21.94	21.60	23.00
10	16QAM	25	0	20.96	21.06	20.86	22.00
10	16QAM	25	12	20.77	20.96	20.71	22.00
10	16QAM	25	25	20.81	21.09	20.72	22.00
10	16QAM	50	0	20.94	21.08	20.70	22.00
10	64QAM	1	0	20.86	21.10	20.82	22.00
10	64QAM	1	25	21.43	21.62	21.27	22.00
10	64QAM	1	49	20.78	21.13	20.79	22.00
10	64QAM	25	0	19.83	20.02	19.82	21.00
10	64QAM	25	12	19.95	20.09	19.77	21.00
10	64QAM	25	25	19.93	20.01	19.70	21.00
10	64QAM	50	0	19.86	20.07	19.80	21.00
10	256QAM	1	0	18.07	18.22	17.90	19.00
10	256QAM	1	25	17.91	18.05	17.85	19.00
10	256QAM	1	49	17.72	17.94	17.73	19.00
10	256QAM	25	0	17.87	18.12	17.87	19.00
10	256QAM	25	12	17.88	18.14	17.88	19.00
10	256QAM	25	25	17.77	17.96	17.70	19.00
10	256QAM	50	0	17.85	17.98	17.78	19.00
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	23.23	23.26	23.07	24.00
5	QPSK	1	12	22.84	22.99	22.76	24.00
5	QPSK	1	24	22.61	22.87	22.56	24.00
5	QPSK	12	0	21.92	22.17	21.81	23.00
5	QPSK	12	7	21.82	22.11	21.76	23.00
5	QPSK	12	13	21.91	22.07	21.69	23.00
5	QPSK	25	0	21.79	22.10	21.75	23.00
5	16QAM	1	0	22.03	22.24	21.96	23.00
5	16QAM	1	12	21.96	22.24	21.91	23.00
5	16QAM	1	24	21.78	22.03	21.70	23.00
5	16QAM	12	0	20.98	21.14	20.84	22.00
5	16QAM	12	7	20.85	21.01	20.75	22.00
5	16QAM	12	13	20.77	20.97	20.71	22.00
5	16QAM	25	0	20.94	21.11	20.80	22.00
5	64QAM	1	0	20.90	21.08	20.84	22.00
5	64QAM	1	12	21.49	21.63	21.27	22.00
5	64QAM	1	24	20.84	21.10	20.70	22.00
5	64QAM	12	0	19.85	20.10	19.76	21.00
5	64QAM	12	7	19.84	19.99	19.76	21.00
5	64QAM	12	13	19.88	19.98	19.65	21.00
5	64QAM	25	0	19.79	20.04	19.71	21.00
5	256QAM	1	0	18.14	18.27	17.90	19.00
5	256QAM	1	12	17.91	18.14	17.82	19.00
5	256QAM	1	24	17.79	18.01	17.77	19.00
5	256QAM	12	0	17.94	18.11	17.75	19.00

5	256QAM	12	7	17.94	18.05	17.87	19.00
5	256QAM	12	13	17.73	17.98	17.77	19.00
5	256QAM	25	0	17.83	18.09	17.73	19.00

【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	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	20.20	20.22	20.17	20.90
20	QPSK	1	49	20.08	20.18	19.99	20.90
20	QPSK	1	99	20.02	20.16	20.00	20.90
20	QPSK	50	0	20.05	20.19	20.02	20.90
20	QPSK	50	24	19.97	19.92	20.00	20.90
20	QPSK	50	50	20.02	19.95	19.84	20.90
20	QPSK	100	0	19.82	20.05	19.85	20.90
20	16QAM	1	0	19.94	20.01	20.05	20.90
20	16QAM	1	49	19.99	19.94	20.04	20.90
20	16QAM	1	99	19.84	19.91	19.88	20.90
20	16QAM	50	0	20.02	19.90	20.01	20.90
20	16QAM	50	24	19.98	19.93	20.11	20.90
20	16QAM	50	50	20.05	19.95	20.07	20.90
20	16QAM	100	0	19.98	20.18	20.00	20.90
20	64QAM	1	0	19.93	19.94	20.06	20.90
20	64QAM	1	49	19.99	19.99	20.14	20.90
20	64QAM	1	99	20.10	20.19	19.97	20.90
20	64QAM	50	0	20.01	20.03	20.07	20.90
20	64QAM	50	24	19.99	20.01	20.01	20.90
20	64QAM	50	50	19.92	20.18	20.19	20.90
20	64QAM	100	0	20.06	20.11	20.16	20.90
20	256QAM	1	0	18.17	18.30	17.96	19.40
20	256QAM	1	49	18.03	18.20	17.95	19.40
20	256QAM	1	99	17.85	18.05	17.82	19.40
20	256QAM	50	0	18.00	18.14	17.90	19.40
20	256QAM	50	24	18.02	18.19	17.93	19.40
20	256QAM	50	50	17.83	18.05	17.84	19.40
20	256QAM	100	0	17.86	18.10	17.83	19.40
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	20.13	20.21	20.10	20.90
15	QPSK	1	37	20.05	20.05	19.98	20.90
15	QPSK	1	74	20.00	20.03	19.95	20.90
15	QPSK	36	0	19.98	20.14	19.99	20.90
15	QPSK	36	20	19.94	19.81	19.95	20.90
15	QPSK	36	39	19.92	19.84	19.79	20.90
15	QPSK	75	0	19.75	19.91	19.82	20.90
15	16QAM	1	0	19.81	19.87	19.98	20.90
15	16QAM	1	37	19.97	19.82	20.00	20.90
15	16QAM	1	74	19.80	19.88	19.81	20.90
15	16QAM	36	0	20.00	19.78	19.87	20.90
15	16QAM	36	20	19.91	19.91	20.04	20.90
15	16QAM	36	39	19.96	19.84	19.93	20.90
15	16QAM	75	0	19.91	20.10	19.88	20.90
15	64QAM	1	0	19.79	19.88	20.02	20.90
15	64QAM	1	37	19.85	19.91	20.11	20.90
15	64QAM	1	74	20.05	20.11	19.87	20.90
15	64QAM	36	0	19.96	19.92	20.02	20.90
15	64QAM	36	20	19.91	19.87	19.86	20.90
15	64QAM	36	39	19.79	20.13	20.04	20.90
15	64QAM	75	0	20.02	20.01	20.15	20.90
15	256QAM	1	0	18.11	18.19	17.87	19.40
15	256QAM	1	37	17.93	18.15	17.86	19.40
15	256QAM	1	74	17.79	17.93	17.67	19.40
15	256QAM	36	0	17.94	18.06	17.88	19.40
15	256QAM	36	20	17.94	18.12	17.79	19.40
15	256QAM	36	39	17.81	17.95	17.75	19.40
15	256QAM	75	0	17.78	18.06	17.72	19.40
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	20.07	20.12	20.05	20.90
10	QPSK	1	25	20.06	20.07	19.90	20.90
10	QPSK	1	49	19.91	20.08	19.99	20.90

10	QPSK	25	0	20.01	20.08	19.98	20.90
10	QPSK	25	12	19.90	19.82	19.91	20.90
10	QPSK	25	25	19.93	19.87	19.71	20.90
10	QPSK	50	0	19.72	20.01	19.72	20.90
10	16QAM	1	0	19.92	19.97	19.91	20.90
10	16QAM	1	25	19.86	19.88	19.97	20.90
10	16QAM	1	49	19.81	19.86	19.81	20.90
10	16QAM	25	0	19.92	19.82	19.95	20.90
10	16QAM	25	12	19.84	19.88	19.99	20.90
10	16QAM	25	25	19.99	19.88	20.06	20.90
10	16QAM	50	0	19.90	20.07	19.96	20.90
10	64QAM	1	0	19.87	19.82	19.96	20.90
10	64QAM	1	25	19.85	19.88	20.05	20.90
10	64QAM	1	49	20.01	20.11	19.91	20.90
10	64QAM	25	0	20.00	19.90	19.93	20.90
10	64QAM	25	12	19.92	19.97	19.97	20.90
10	64QAM	25	25	19.85	20.15	20.07	20.90
10	64QAM	50	0	20.03	20.01	20.08	20.90
10	256QAM	1	0	18.02	18.26	17.90	19.40
10	256QAM	1	25	18.00	18.08	17.93	19.40
10	256QAM	1	49	17.79	17.90	17.78	19.40
10	256QAM	25	0	17.94	18.04	17.88	19.40
10	256QAM	25	12	17.91	18.14	17.79	19.40
10	256QAM	25	25	17.82	18.00	17.81	19.40
10	256QAM	50	0	17.78	18.00	17.77	19.40
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	20.08	20.13	20.04	20.90
5	QPSK	1	12	19.99	20.12	19.93	20.90
5	QPSK	1	24	19.96	20.01	19.97	20.90
5	QPSK	12	0	19.93	20.11	19.88	20.90
5	QPSK	12	7	19.95	19.84	19.88	20.90
5	QPSK	12	13	20.01	19.80	19.81	20.90
5	QPSK	25	0	19.75	20.01	19.78	20.90
5	16QAM	1	0	19.91	19.88	19.91	20.90
5	16QAM	1	12	19.98	19.84	19.91	20.90
5	16QAM	1	24	19.73	19.89	19.74	20.90
5	16QAM	12	0	19.96	19.77	19.93	20.90
5	16QAM	12	7	19.88	19.78	20.08	20.90
5	16QAM	12	13	20.03	19.84	20.03	20.90
5	16QAM	25	0	19.85	20.09	19.93	20.90
5	64QAM	1	0	19.91	19.85	19.94	20.90
5	64QAM	1	12	19.91	19.95	20.03	20.90
5	64QAM	1	24	20.07	20.15	19.93	20.90
5	64QAM	12	0	19.89	19.97	20.02	20.90
5	64QAM	12	7	19.96	19.99	19.98	20.90
5	64QAM	12	13	19.87	20.15	20.11	20.90
5	64QAM	25	0	20.00	20.05	20.12	20.90
5	256QAM	1	0	18.04	18.15	17.81	19.40
5	256QAM	1	12	17.90	18.11	17.82	19.40
5	256QAM	1	24	17.78	17.96	17.72	19.40
5	256QAM	12	0	17.94	18.00	17.89	19.40
5	256QAM	12	7	17.91	18.04	17.87	19.40
5	256QAM	12	13	17.75	18.00	17.71	19.40
5	256QAM	25	0	17.74	18.04	17.74	19.40

【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)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	13.39	13.45	13.36	14.70
20	QPSK	1	49	13.22	13.30	13.18	14.70
20	QPSK	1	99	13.30	13.37	13.20	14.70
20	QPSK	50	0	13.28	13.37	13.30	14.70
20	QPSK	50	24	13.10	13.17	13.08	14.70
20	QPSK	50	50	13.13	13.14	13.05	14.70
20	QPSK	100	0	12.98	13.24	13.01	14.70
20	16QAM	1	0	13.06	13.24	13.23	14.70
20	16QAM	1	49	13.13	13.03	13.20	14.70
20	16QAM	1	99	13.09	13.11	13.07	14.70
20	16QAM	50	0	13.26	13.21	13.12	14.70

20	16QAM	50	24	13.21	13.21	13.22	14.70
20	16QAM	50	50	13.33	13.26	13.29	14.70
20	16QAM	100	0	13.12	13.28	13.33	14.70
20	64QAM	1	0	13.18	13.16	13.35	14.70
20	64QAM	1	49	13.26	13.11	13.29	14.70
20	64QAM	1	99	13.18	13.29	13.23	14.70
20	64QAM	50	0	13.32	13.29	13.19	14.70
20	64QAM	50	24	13.11	13.23	13.13	14.70
20	64QAM	50	50	13.10	13.34	13.25	14.70
20	64QAM	100	0	13.17	13.20	13.37	14.70
20	256QAM	1	0	13.20	13.26	13.14	14.70
20	256QAM	1	49	13.09	13.34	13.23	14.70
20	256QAM	1	99	13.29	13.27	13.21	14.70
20	256QAM	50	0	13.16	13.30	13.23	14.70
20	256QAM	50	24	13.14	13.31	13.29	14.70
20	256QAM	50	50	13.15	13.27	13.29	14.70
20	256QAM	100	0	13.17	13.23	13.28	14.70
Channel				20825	21100	21375	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	QPSK	1	0	13.36	13.35	13.21	14.70
15	QPSK	1	37	13.18	13.27	13.08	14.70
15	QPSK	1	74	13.22	13.22	13.07	14.70
15	QPSK	36	0	13.18	13.31	13.22	14.70
15	QPSK	36	20	12.99	13.15	13.03	14.70
15	QPSK	36	39	13.10	13.04	13.01	14.70
15	QPSK	75	0	12.95	13.14	12.87	14.70
15	16QAM	1	0	13.02	13.22	13.12	14.70
15	16QAM	1	37	13.07	12.98	13.16	14.70
15	16QAM	1	74	13.00	12.98	12.94	14.70
15	16QAM	36	0	13.15	13.11	13.03	14.70
15	16QAM	36	20	13.06	13.15	13.15	14.70
15	16QAM	36	39	13.23	13.19	13.16	14.70
15	16QAM	75	0	13.09	13.24	13.29	14.70
15	64QAM	1	0	13.11	13.05	13.32	14.70
15	64QAM	1	37	13.17	13.06	13.17	14.70
15	64QAM	1	74	13.06	13.22	13.22	14.70
15	64QAM	36	0	13.21	13.23	13.06	14.70
15	64QAM	36	20	13.00	13.20	13.01	14.70
15	64QAM	36	39	13.07	13.19	13.11	14.70
15	64QAM	75	0	13.06	13.13	13.34	14.70
15	256QAM	1	0	13.08	13.16	13.09	14.70
15	256QAM	1	37	13.06	13.31	13.21	14.70
15	256QAM	1	74	13.20	13.15	13.19	14.70
15	256QAM	36	0	13.13	13.28	13.20	14.70
15	256QAM	36	20	13.02	13.17	13.20	14.70
15	256QAM	36	39	13.13	13.25	13.16	14.70
15	256QAM	75	0	13.15	13.13	13.22	14.70
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	13.30	13.43	13.34	14.70
10	QPSK	1	25	13.09	13.17	13.16	14.70
10	QPSK	1	49	13.24	13.29	13.11	14.70
10	QPSK	25	0	13.26	13.28	13.20	14.70
10	QPSK	25	12	12.99	13.12	12.96	14.70
10	QPSK	25	25	13.03	13.02	12.91	14.70
10	QPSK	50	0	12.88	13.14	12.99	14.70
10	16QAM	1	0	12.95	13.11	13.13	14.70
10	16QAM	1	25	13.00	12.93	13.13	14.70
10	16QAM	1	49	13.07	13.06	13.06	14.70
10	16QAM	25	0	13.11	13.19	13.06	14.70
10	16QAM	25	12	13.18	13.08	13.15	14.70
10	16QAM	25	25	13.22	13.14	13.16	14.70
10	16QAM	50	0	13.07	13.19	13.27	14.70
10	64QAM	1	0	13.09	13.03	13.28	14.70
10	64QAM	1	25	13.20	12.98	13.15	14.70
10	64QAM	1	49	13.16	13.20	13.10	14.70
10	64QAM	25	0	13.21	13.14	13.17	14.70
10	64QAM	25	12	12.97	13.08	12.98	14.70
10	64QAM	25	25	13.03	13.29	13.15	14.70
10	64QAM	50	0	13.10	13.16	13.29	14.70
10	256QAM	1	0	13.12	13.23	13.02	14.70
10	256QAM	1	25	12.97	13.26	13.10	14.70
10	256QAM	1	49	13.25	13.19	13.20	14.70
10	256QAM	25	0	13.13	13.27	13.13	14.70
10	256QAM	25	12	13.10	13.28	13.25	14.70
10	256QAM	25	25	13.02	13.21	13.25	14.70
10	256QAM	50	0	13.09	13.13	13.19	14.70
Channel				20775	21100	21425	Tune-up limit

Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	13.31	13.38	13.33	14.70
5	QPSK	1	12	13.21	13.22	13.07	14.70
5	QPSK	1	24	13.26	13.33	13.17	14.70
5	QPSK	12	0	13.16	13.29	13.19	14.70
5	QPSK	12	7	12.98	13.06	13.05	14.70
5	QPSK	12	13	13.01	13.05	13.02	14.70
5	QPSK	25	0	12.84	13.12	12.90	14.70
5	16QAM	1	0	12.91	13.18	13.16	14.70
5	16QAM	1	12	13.07	13.01	13.06	14.70
5	16QAM	1	24	13.04	13.00	13.00	14.70
5	16QAM	12	0	13.17	13.15	12.99	14.70
5	16QAM	12	7	13.19	13.16	13.10	14.70
5	16QAM	12	13	13.29	13.21	13.18	14.70
5	16QAM	25	0	12.99	13.18	13.22	14.70
5	64QAM	1	0	13.15	13.08	13.30	14.70
5	64QAM	1	12	13.20	13.06	13.16	14.70
5	64QAM	1	24	13.11	13.28	13.10	14.70
5	64QAM	12	0	13.29	13.25	13.14	14.70
5	64QAM	12	7	13.01	13.21	13.04	14.70
5	64QAM	12	13	13.03	13.32	13.19	14.70
5	64QAM	25	0	13.13	13.12	13.32	14.70
5	256QAM	1	0	13.19	13.22	13.07	14.70
5	256QAM	1	12	13.06	13.24	13.14	14.70
5	256QAM	1	24	13.17	13.13	13.16	14.70
5	256QAM	12	0	13.06	13.23	13.18	14.70
5	256QAM	12	7	13.10	13.26	13.19	14.70
5	256QAM	12	13	13.10	13.17	13.23	14.70
5	256QAM	25	0	13.12	13.22	13.24	14.70

【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	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	23.10	23.37	23.31	24.00
20	QPSK	1	49	23.00	23.30	23.19	24.00
20	QPSK	1	99	23.01	23.28	23.14	24.00
20	QPSK	50	0	22.02	22.34	22.26	23.00
20	QPSK	50	24	22.01	22.26	22.09	23.00
20	QPSK	50	50	22.00	22.31	22.18	23.00
20	QPSK	100	0	22.00	22.28	22.19	23.00
20	16QAM	1	0	22.02	22.35	22.17	23.00
20	16QAM	1	49	22.00	22.32	22.21	23.00
20	16QAM	1	99	22.02	22.35	22.28	23.00
20	16QAM	50	0	21.06	21.32	21.24	22.00
20	16QAM	50	24	21.01	21.30	21.15	22.00
20	16QAM	50	50	21.00	21.30	21.20	22.00
20	16QAM	100	0	21.00	21.21	21.08	22.00
20	64QAM	1	0	21.21	21.53	21.43	22.00
20	64QAM	1	49	21.09	21.42	21.31	22.00
20	64QAM	1	99	21.00	21.35	21.25	22.00
20	64QAM	50	0	20.02	20.29	20.14	21.00
20	64QAM	50	24	20.02	20.28	20.14	21.00
20	64QAM	50	50	20.06	20.37	20.22	21.00
20	64QAM	100	0	20.00	20.21	20.08	21.00
20	256QAM	1	0	18.00	18.34	18.27	19.00
20	256QAM	1	49	18.02	18.30	18.19	19.00
20	256QAM	1	99	18.24	18.58	18.46	19.00
20	256QAM	50	0	18.07	18.36	18.18	19.00
20	256QAM	50	24	18.09	18.33	18.21	19.00
20	256QAM	50	50	18.01	18.30	18.24	19.00
20	256QAM	100	0	18.02	18.25	18.15	19.00
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	23.04	23.36	23.17	24.00
15	QPSK	1	37	23.00	23.25	23.11	24.00
15	QPSK	1	74	23.00	23.16	23.04	24.00
15	QPSK	36	0	22.00	22.26	22.18	23.00
15	QPSK	36	20	22.00	22.16	22.02	23.00
15	QPSK	36	39	22.00	22.19	22.09	23.00
15	QPSK	75	0	22.00	22.24	22.10	23.00

15	16QAM	1	0	22.00	22.33	22.09	23.00
15	16QAM	1	37	22.01	22.22	22.20	23.00
15	16QAM	1	74	22.01	22.20	22.14	23.00
15	16QAM	36	0	21.00	21.20	21.16	22.00
15	16QAM	36	20	21.01	21.28	21.10	22.00
15	16QAM	36	39	21.01	21.16	21.09	22.00
15	16QAM	75	0	21.00	21.16	21.00	22.00
15	64QAM	1	0	21.12	21.41	21.41	22.00
15	64QAM	1	37	21.01	21.31	21.28	22.00
15	64QAM	1	74	21.00	21.31	21.20	22.00
15	64QAM	36	0	20.00	20.22	20.02	21.00
15	64QAM	36	20	20.00	20.24	20.08	21.00
15	64QAM	36	39	20.03	20.25	20.18	21.00
15	64QAM	75	0	20.01	20.18	20.00	21.00
15	256QAM	1	0	18.01	18.23	18.26	19.00
15	256QAM	1	37	18.00	18.28	18.12	19.00
15	256QAM	1	74	18.13	18.46	18.34	19.00
15	256QAM	36	0	18.00	18.34	18.08	19.00
15	256QAM	36	20	18.07	18.28	18.12	19.00
15	256QAM	36	39	18.01	18.15	18.20	19.00
15	256QAM	75	0	18.00	18.19	18.02	19.00
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	23.00	23.32	23.19	24.00
10	QPSK	1	25	23.01	23.17	23.13	24.00
10	QPSK	1	49	23.00	23.20	23.08	24.00
10	QPSK	25	0	22.00	22.23	22.21	23.00
10	QPSK	25	12	22.00	22.19	22.01	23.00
10	QPSK	25	25	22.00	22.25	22.08	23.00
10	QPSK	50	0	22.00	22.26	22.07	23.00
10	16QAM	1	0	22.01	22.32	22.09	23.00
10	16QAM	1	25	22.00	22.29	22.15	23.00
10	16QAM	1	49	22.00	22.27	22.15	23.00
10	16QAM	25	0	21.02	21.28	21.17	22.00
10	16QAM	25	12	21.02	21.21	21.01	22.00
10	16QAM	25	25	21.00	21.15	21.09	22.00
10	16QAM	50	0	21.01	21.19	21.00	22.00
10	64QAM	1	0	21.14	21.40	21.41	22.00
10	64QAM	1	25	21.01	21.40	21.24	22.00
10	64QAM	1	49	21.00	21.30	21.20	22.00
10	64QAM	25	0	20.00	20.27	20.07	21.00
10	64QAM	25	12	20.00	20.16	20.00	21.00
10	64QAM	25	25	20.00	20.24	20.11	21.00
10	64QAM	50	0	20.00	20.19	20.05	21.00
10	256QAM	1	0	18.01	18.21	18.22	19.00
10	256QAM	1	25	18.01	18.28	18.09	19.00
10	256QAM	1	49	18.19	18.47	18.33	19.00
10	256QAM	25	0	18.04	18.22	18.11	19.00
10	256QAM	25	12	18.01	18.21	18.09	19.00
10	256QAM	25	25	18.00	18.19	18.10	19.00
10	256QAM	50	0	18.00	18.12	18.12	19.00
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	23.02	23.25	23.27	24.00
5	QPSK	1	12	23.01	23.16	23.05	24.00
5	QPSK	1	24	23.01	23.24	23.01	24.00
5	QPSK	12	0	22.01	22.26	22.21	23.00
5	QPSK	12	7	22.01	22.11	22.01	23.00
5	QPSK	12	13	22.01	22.29	22.14	23.00
5	QPSK	25	0	22.00	22.19	22.09	23.00
5	16QAM	1	0	22.00	22.20	22.10	23.00
5	16QAM	1	12	22.02	22.21	22.18	23.00
5	16QAM	1	24	22.01	22.24	22.23	23.00
5	16QAM	12	0	21.01	21.27	21.17	22.00
5	16QAM	12	7	21.00	21.16	21.04	22.00
5	16QAM	12	13	21.01	21.27	21.07	22.00
5	16QAM	25	0	21.01	21.10	21.03	22.00
5	64QAM	1	0	21.16	21.44	21.32	22.00
5	64QAM	1	12	21.02	21.32	21.21	22.00
5	64QAM	1	24	21.00	21.31	21.12	22.00
5	64QAM	12	0	20.01	20.25	20.08	21.00
5	64QAM	12	7	20.00	20.24	20.13	21.00
5	64QAM	12	13	20.01	20.22	20.12	21.00
5	64QAM	25	0	20.01	20.18	20.01	21.00
5	256QAM	1	0	18.00	18.20	18.19	19.00
5	256QAM	1	12	18.01	18.20	18.11	19.00
5	256QAM	1	24	18.22	18.46	18.32	19.00
5	256QAM	12	0	18.00	18.27	18.16	19.00

5	256QAM	12	7	18.05	18.22	18.07	19.00
5	256QAM	12	13	18.00	18.25	18.19	19.00
5	256QAM	25	0	18.01	18.23	18.13	19.00

【LTE Band 7_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				20850	21100	21350	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	23.10	23.37	23.31	24.00
20	QPSK	1	49	23.00	23.30	23.19	24.00
20	QPSK	1	99	23.01	23.28	23.14	24.00
20	QPSK	50	0	22.02	22.34	22.26	23.00
20	QPSK	50	24	22.01	22.26	22.09	23.00
20	QPSK	50	50	22.00	22.31	22.18	23.00
20	QPSK	100	0	22.00	22.28	22.19	23.00
20	16QAM	1	0	22.02	22.35	22.17	23.00
20	16QAM	1	49	22.00	22.32	22.21	23.00
20	16QAM	1	99	22.02	22.35	22.28	23.00
20	16QAM	50	0	21.06	21.32	21.24	22.00
20	16QAM	50	24	21.01	21.30	21.15	22.00
20	16QAM	50	50	21.00	21.30	21.20	22.00
20	16QAM	100	0	21.00	21.21	21.08	22.00
20	64QAM	1	0	21.21	21.53	21.43	22.00
20	64QAM	1	49	21.09	21.42	21.31	22.00
20	64QAM	1	99	21.00	21.35	21.25	22.00
20	64QAM	50	0	20.02	20.29	20.14	21.00
20	64QAM	50	24	20.02	20.28	20.14	21.00
20	64QAM	50	50	20.06	20.37	20.22	21.00
20	64QAM	100	0	20.00	20.21	20.08	21.00
20	256QAM	1	0	18.00	18.34	18.27	19.00
20	256QAM	1	49	18.02	18.30	18.19	19.00
20	256QAM	1	99	18.24	18.58	18.46	19.00
20	256QAM	50	0	18.07	18.36	18.18	19.00
20	256QAM	50	24	18.09	18.33	18.21	19.00
20	256QAM	50	50	18.01	18.30	18.24	19.00
20	256QAM	100	0	18.02	18.25	18.15	19.00
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	23.04	23.36	23.17	24.00
15	QPSK	1	37	23.00	23.25	23.11	24.00
15	QPSK	1	74	23.00	23.16	23.04	24.00
15	QPSK	36	0	22.00	22.26	22.18	23.00
15	QPSK	36	20	22.00	22.16	22.02	23.00
15	QPSK	36	39	22.00	22.19	22.09	23.00
15	QPSK	75	0	22.00	22.24	22.10	23.00
15	16QAM	1	0	22.00	22.33	22.09	23.00
15	16QAM	1	37	22.01	22.22	22.20	23.00
15	16QAM	1	74	22.01	22.20	22.14	23.00
15	16QAM	36	0	21.00	21.20	21.16	22.00
15	16QAM	36	20	21.01	21.28	21.10	22.00
15	16QAM	36	39	21.01	21.16	21.09	22.00
15	16QAM	75	0	21.00	21.16	21.00	22.00
15	64QAM	1	0	21.12	21.41	21.41	22.00
15	64QAM	1	37	21.01	21.31	21.28	22.00
15	64QAM	1	74	21.00	21.31	21.20	22.00
15	64QAM	36	0	20.00	20.22	20.02	21.00
15	64QAM	36	20	20.00	20.24	20.08	21.00
15	64QAM	36	39	20.03	20.25	20.18	21.00
15	64QAM	75	0	20.01	20.18	20.00	21.00
15	256QAM	1	0	18.01	18.23	18.26	19.00
15	256QAM	1	37	18.00	18.28	18.12	19.00
15	256QAM	1	74	18.13	18.46	18.34	19.00
15	256QAM	36	0	18.00	18.34	18.08	19.00
15	256QAM	36	20	18.07	18.28	18.12	19.00
15	256QAM	36	39	18.01	18.15	18.20	19.00
15	256QAM	75	0	18.00	18.19	18.02	19.00
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	23.00	23.32	23.19	24.00
10	QPSK	1	25	23.01	23.17	23.13	24.00
10	QPSK	1	49	23.00	23.20	23.08	24.00

10	QPSK	25	0	22.00	22.23	22.21	23.00
10	QPSK	25	12	22.00	22.19	22.01	23.00
10	QPSK	25	25	22.00	22.25	22.08	23.00
10	QPSK	50	0	22.00	22.26	22.07	23.00
10	16QAM	1	0	22.01	22.32	22.09	23.00
10	16QAM	1	25	22.00	22.29	22.15	23.00
10	16QAM	1	49	22.00	22.27	22.15	23.00
10	16QAM	25	0	21.02	21.28	21.17	22.00
10	16QAM	25	12	21.02	21.21	21.01	22.00
10	16QAM	25	25	21.00	21.15	21.09	22.00
10	16QAM	50	0	21.01	21.19	21.00	22.00
10	64QAM	1	0	21.14	21.40	21.41	22.00
10	64QAM	1	25	21.01	21.40	21.24	22.00
10	64QAM	1	49	21.00	21.30	21.20	22.00
10	64QAM	25	0	20.00	20.27	20.07	21.00
10	64QAM	25	12	20.00	20.16	20.00	21.00
10	64QAM	25	25	20.00	20.24	20.11	21.00
10	64QAM	50	0	20.00	20.19	20.05	21.00
10	256QAM	1	0	18.01	18.21	18.22	19.00
10	256QAM	1	25	18.01	18.28	18.09	19.00
10	256QAM	1	49	18.19	18.47	18.33	19.00
10	256QAM	25	0	18.04	18.22	18.11	19.00
10	256QAM	25	12	18.01	18.21	18.09	19.00
10	256QAM	25	25	18.00	18.19	18.10	19.00
10	256QAM	50	0	18.00	18.12	18.12	19.00
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	23.02	23.25	23.27	24.00
5	QPSK	1	12	23.01	23.16	23.05	24.00
5	QPSK	1	24	23.01	23.24	23.01	24.00
5	QPSK	12	0	22.01	22.26	22.21	23.00
5	QPSK	12	7	22.01	22.11	22.01	23.00
5	QPSK	12	13	22.01	22.29	22.14	23.00
5	QPSK	25	0	22.00	22.19	22.09	23.00
5	16QAM	1	0	22.00	22.20	22.10	23.00
5	16QAM	1	12	22.02	22.21	22.18	23.00
5	16QAM	1	24	22.01	22.24	22.23	23.00
5	16QAM	12	0	21.01	21.27	21.17	22.00
5	16QAM	12	7	21.00	21.16	21.04	22.00
5	16QAM	12	13	21.01	21.27	21.07	22.00
5	16QAM	25	0	21.01	21.10	21.03	22.00
5	64QAM	1	0	21.16	21.44	21.32	22.00
5	64QAM	1	12	21.02	21.32	21.21	22.00
5	64QAM	1	24	21.00	21.31	21.12	22.00
5	64QAM	12	0	20.01	20.25	20.08	21.00
5	64QAM	12	7	20.00	20.24	20.13	21.00
5	64QAM	12	13	20.01	20.22	20.12	21.00
5	64QAM	25	0	20.01	20.18	20.01	21.00
5	256QAM	1	0	18.00	18.20	18.19	19.00
5	256QAM	1	12	18.01	18.20	18.11	19.00
5	256QAM	1	24	18.22	18.46	18.32	19.00
5	256QAM	12	0	18.00	18.27	18.16	19.00
5	256QAM	12	7	18.05	18.22	18.07	19.00
5	256QAM	12	13	18.00	18.25	18.19	19.00
5	256QAM	25	0	18.01	18.23	18.13	19.00

【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	22.24	22.27	22.20	23.10
20	QPSK	1	49	22.13	22.23	22.03	23.10
20	QPSK	1	99	22.08	22.10	22.11	23.10
20	QPSK	50	0	22.12	22.14	22.04	23.10
20	QPSK	50	24	21.98	21.98	22.02	23.10
20	QPSK	50	50	22.06	22.06	21.97	23.10
20	QPSK	100	0	21.82	22.05	21.87	23.10
20	16QAM	1	0	21.98	22.08	22.09	23.10
20	16QAM	1	49	21.98	22.00	22.00	23.10
20	16QAM	1	99	21.91	21.95	21.97	23.10
20	16QAM	50	0	21.06	21.32	21.24	22.60

20	16QAM	50	24	21.01	21.30	21.15	22.60
20	16QAM	50	50	21.00	21.30	21.20	22.60
20	16QAM	100	0	21.00	21.21	21.08	22.60
20	64QAM	1	0	21.21	21.53	21.43	22.60
20	64QAM	1	49	21.09	21.42	21.31	22.60
20	64QAM	1	99	21.00	21.35	21.25	22.60
20	64QAM	50	0	20.02	20.29	20.14	21.60
20	64QAM	50	24	20.02	20.28	20.14	21.60
20	64QAM	50	50	20.06	20.37	20.22	21.60
20	64QAM	100	0	20.00	20.21	20.08	21.60
20	256QAM	1	0	18.00	18.34	18.27	19.60
20	256QAM	1	49	18.02	18.30	18.19	19.60
20	256QAM	1	99	18.24	18.58	18.46	19.60
20	256QAM	50	0	18.07	18.36	18.18	19.60
20	256QAM	50	24	18.09	18.33	18.21	19.60
20	256QAM	50	50	18.01	18.30	18.24	19.60
20	256QAM	100	0	18.02	18.25	18.15	19.60
Channel				20825	21100	21375	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	QPSK	1	0	22.23	22.16	22.13	23.10
15	QPSK	1	37	22.11	22.19	21.90	23.10
15	QPSK	1	74	21.98	22.05	21.96	23.10
15	QPSK	36	0	21.99	22.03	22.00	23.10
15	QPSK	36	20	21.88	21.94	21.93	23.10
15	QPSK	36	39	21.96	21.95	21.89	23.10
15	QPSK	75	0	21.72	21.95	21.81	23.10
15	16QAM	1	0	21.91	21.93	21.95	23.10
15	16QAM	1	37	21.96	21.87	21.94	23.10
15	16QAM	1	74	21.80	21.83	21.84	23.10
15	16QAM	36	0	21.00	21.28	21.11	22.60
15	16QAM	36	20	20.91	21.24	21.07	22.60
15	16QAM	36	39	20.94	21.15	21.17	22.60
15	16QAM	75	0	20.96	21.17	20.97	22.60
15	64QAM	1	0	21.13	21.46	21.41	22.60
15	64QAM	1	37	20.98	21.29	21.28	22.60
15	64QAM	1	74	20.95	21.31	21.23	22.60
15	64QAM	36	0	20.00	20.22	20.05	21.60
15	64QAM	36	20	20.00	20.26	19.99	21.60
15	64QAM	36	39	19.94	20.29	20.14	21.60
15	64QAM	75	0	19.86	20.18	19.98	21.60
15	256QAM	1	0	17.99	18.21	18.24	19.60
15	256QAM	1	37	17.97	18.21	18.14	19.60
15	256QAM	1	74	18.14	18.48	18.31	19.60
15	256QAM	36	0	18.00	18.31	18.12	19.60
15	256QAM	36	20	18.05	18.30	18.14	19.60
15	256QAM	36	39	17.92	18.17	18.15	19.60
15	256QAM	75	0	18.01	18.21	18.01	19.60
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	22.19	22.22	22.15	23.10
10	QPSK	1	25	22.07	22.21	21.97	23.10
10	QPSK	1	49	22.00	22.02	22.08	23.10
10	QPSK	25	0	22.09	22.01	21.93	23.10
10	QPSK	25	12	21.91	21.95	21.99	23.10
10	QPSK	25	25	21.96	21.98	21.89	23.10
10	QPSK	50	0	21.71	21.93	21.84	23.10
10	16QAM	1	0	21.89	22.01	22.07	23.10
10	16QAM	1	25	21.92	21.93	21.86	23.10
10	16QAM	1	49	21.84	21.82	21.83	23.10
10	16QAM	25	0	20.94	21.22	21.17	22.60
10	16QAM	25	12	20.91	21.28	21.11	22.60
10	16QAM	25	25	20.88	21.24	21.13	22.60
10	16QAM	50	0	20.94	21.19	21.01	22.60
10	64QAM	1	0	21.08	21.43	21.34	22.60
10	64QAM	1	25	21.01	21.34	21.28	22.60
10	64QAM	1	49	20.93	21.29	21.14	22.60
10	64QAM	25	0	19.98	20.17	20.05	21.60
10	64QAM	25	12	19.95	20.26	20.02	21.60
10	64QAM	25	25	19.98	20.24	20.12	21.60
10	64QAM	50	0	19.86	20.15	19.99	21.60
10	256QAM	1	0	17.94	18.27	18.20	19.60
10	256QAM	1	25	17.92	18.27	18.16	19.60
10	256QAM	1	49	18.14	18.55	18.38	19.60
10	256QAM	25	0	18.05	18.24	18.15	19.60
10	256QAM	25	12	18.06	18.32	18.15	19.60
10	256QAM	25	25	17.90	18.19	18.15	19.60
10	256QAM	50	0	17.94	18.23	18.01	19.60
Channel				20775	21100	21425	Tune-up limit

Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	22.15	22.12	22.08	23.10
5	QPSK	1	12	22.01	22.21	21.93	23.10
5	QPSK	1	24	21.95	22.04	22.08	23.10
5	QPSK	12	0	21.97	22.04	21.99	23.10
5	QPSK	12	7	21.84	21.93	22.04	23.10
5	QPSK	12	13	22.03	22.05	21.96	23.10
5	QPSK	25	0	21.74	21.95	21.72	23.10
5	16QAM	1	0	21.86	22.03	21.96	23.10
5	16QAM	1	12	21.95	21.98	21.97	23.10
5	16QAM	1	24	21.80	21.84	21.82	23.10
5	16QAM	12	0	20.99	21.27	21.10	22.60
5	16QAM	12	7	20.91	21.24	21.00	22.60
5	16QAM	12	13	20.96	21.19	21.18	22.60
5	16QAM	25	0	20.97	21.16	21.02	22.60
5	64QAM	1	0	21.16	21.44	21.40	22.60
5	64QAM	1	12	21.04	21.40	21.16	22.60
5	64QAM	1	24	20.99	21.30	21.17	22.60
5	64QAM	12	0	19.91	20.26	20.03	21.60
5	64QAM	12	7	19.92	20.26	20.06	21.60
5	64QAM	12	13	19.97	20.32	20.11	21.60
5	64QAM	25	0	19.90	20.10	19.99	21.60
5	256QAM	1	0	17.90	18.28	18.17	19.60
5	256QAM	1	12	17.96	18.22	18.13	19.60
5	256QAM	1	24	18.13	18.49	18.33	19.60
5	256QAM	12	0	18.02	18.28	18.11	19.60
5	256QAM	12	7	18.00	18.23	18.09	19.60
5	256QAM	12	13	17.95	18.26	18.09	19.60
5	256QAM	25	0	17.90	18.15	18.07	19.60

【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	23.10	23.37	23.31	24.00
20	QPSK	1	49	23.00	23.30	23.19	24.00
20	QPSK	1	99	23.01	23.28	23.14	24.00
20	QPSK	50	0	22.02	22.34	22.26	23.00
20	QPSK	50	24	22.01	22.26	22.09	23.00
20	QPSK	50	50	22.00	22.31	22.18	23.00
20	QPSK	100	0	22.00	22.28	22.19	23.00
20	16QAM	1	0	22.02	22.35	22.17	23.00
20	16QAM	1	49	22.00	22.32	22.21	23.00
20	16QAM	1	99	22.02	22.35	22.28	23.00
20	16QAM	50	0	21.06	21.32	21.24	22.00
20	16QAM	50	24	21.01	21.30	21.15	22.00
20	16QAM	50	50	21.00	21.30	21.20	22.00
20	16QAM	100	0	21.00	21.21	21.08	22.00
20	64QAM	1	0	21.21	21.53	21.43	22.00
20	64QAM	1	49	21.09	21.42	21.31	22.00
20	64QAM	1	99	21.00	21.35	21.25	22.00
20	64QAM	50	0	20.02	20.29	20.14	21.00
20	64QAM	50	24	20.02	20.28	20.14	21.00
20	64QAM	50	50	20.06	20.37	20.22	21.00
20	64QAM	100	0	20.00	20.21	20.08	21.00
20	256QAM	1	0	18.00	18.34	18.27	19.00
20	256QAM	1	49	18.02	18.30	18.19	19.00
20	256QAM	1	99	18.24	18.58	18.46	19.00
20	256QAM	50	0	18.07	18.36	18.18	19.00
20	256QAM	50	24	18.09	18.33	18.21	19.00
20	256QAM	50	50	18.01	18.30	18.24	19.00
20	256QAM	100	0	18.02	18.25	18.15	19.00
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	23.04	23.36	23.17	24.00
15	QPSK	1	37	23.00	23.25	23.11	24.00
15	QPSK	1	74	23.00	23.16	23.04	24.00
15	QPSK	36	0	22.00	22.26	22.18	23.00
15	QPSK	36	20	22.00	22.16	22.02	23.00
15	QPSK	36	39	22.00	22.19	22.09	23.00
15	QPSK	75	0	22.00	22.24	22.10	23.00

15	16QAM	1	0	22.00	22.33	22.09	23.00
15	16QAM	1	37	22.01	22.22	22.20	23.00
15	16QAM	1	74	22.01	22.20	22.14	23.00
15	16QAM	36	0	21.00	21.20	21.16	22.00
15	16QAM	36	20	21.01	21.28	21.10	22.00
15	16QAM	36	39	21.01	21.16	21.09	22.00
15	16QAM	75	0	21.00	21.16	21.00	22.00
15	64QAM	1	0	21.12	21.41	21.41	22.00
15	64QAM	1	37	21.01	21.31	21.28	22.00
15	64QAM	1	74	21.00	21.31	21.20	22.00
15	64QAM	36	0	20.00	20.22	20.02	21.00
15	64QAM	36	20	20.00	20.24	20.08	21.00
15	64QAM	36	39	20.03	20.25	20.18	21.00
15	64QAM	75	0	20.01	20.18	20.00	21.00
15	256QAM	1	0	18.01	18.23	18.26	19.00
15	256QAM	1	37	18.00	18.28	18.12	19.00
15	256QAM	1	74	18.13	18.46	18.34	19.00
15	256QAM	36	0	18.00	18.34	18.08	19.00
15	256QAM	36	20	18.07	18.28	18.12	19.00
15	256QAM	36	39	18.01	18.15	18.20	19.00
15	256QAM	75	0	18.00	18.19	18.02	19.00
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	23.00	23.32	23.19	24.00
10	QPSK	1	25	23.01	23.17	23.13	24.00
10	QPSK	1	49	23.00	23.20	23.08	24.00
10	QPSK	25	0	22.00	22.23	22.21	23.00
10	QPSK	25	12	22.00	22.19	22.01	23.00
10	QPSK	25	25	22.00	22.25	22.08	23.00
10	QPSK	50	0	22.00	22.26	22.07	23.00
10	16QAM	1	0	22.01	22.32	22.09	23.00
10	16QAM	1	25	22.00	22.29	22.15	23.00
10	16QAM	1	49	22.00	22.27	22.15	23.00
10	16QAM	25	0	21.02	21.28	21.17	22.00
10	16QAM	25	12	21.02	21.21	21.01	22.00
10	16QAM	25	25	21.00	21.15	21.09	22.00
10	16QAM	50	0	21.01	21.19	21.00	22.00
10	64QAM	1	0	21.14	21.40	21.41	22.00
10	64QAM	1	25	21.01	21.40	21.24	22.00
10	64QAM	1	49	21.00	21.30	21.20	22.00
10	64QAM	25	0	20.00	20.27	20.07	21.00
10	64QAM	25	12	20.00	20.16	20.00	21.00
10	64QAM	25	25	20.00	20.24	20.11	21.00
10	64QAM	50	0	20.00	20.19	20.05	21.00
10	256QAM	1	0	18.01	18.21	18.22	19.00
10	256QAM	1	25	18.01	18.28	18.09	19.00
10	256QAM	1	49	18.19	18.47	18.33	19.00
10	256QAM	25	0	18.04	18.22	18.11	19.00
10	256QAM	25	12	18.01	18.21	18.09	19.00
10	256QAM	25	25	18.00	18.19	18.10	19.00
10	256QAM	50	0	18.00	18.12	18.12	19.00
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	23.02	23.25	23.27	24.00
5	QPSK	1	12	23.01	23.16	23.05	24.00
5	QPSK	1	24	23.01	23.24	23.01	24.00
5	QPSK	12	0	22.01	22.26	22.21	23.00
5	QPSK	12	7	22.01	22.11	22.01	23.00
5	QPSK	12	13	22.01	22.29	22.14	23.00
5	QPSK	25	0	22.00	22.19	22.09	23.00
5	16QAM	1	0	22.00	22.20	22.10	23.00
5	16QAM	1	12	22.02	22.21	22.18	23.00
5	16QAM	1	24	22.01	22.24	22.23	23.00
5	16QAM	12	0	21.01	21.27	21.17	22.00
5	16QAM	12	7	21.00	21.16	21.04	22.00
5	16QAM	12	13	21.01	21.27	21.07	22.00
5	16QAM	25	0	21.01	21.10	21.03	22.00
5	64QAM	1	0	21.16	21.44	21.32	22.00
5	64QAM	1	12	21.02	21.32	21.21	22.00
5	64QAM	1	24	21.00	21.31	21.12	22.00
5	64QAM	12	0	20.01	20.25	20.08	21.00
5	64QAM	12	7	20.00	20.24	20.13	21.00
5	64QAM	12	13	20.01	20.22	20.12	21.00
5	64QAM	25	0	20.01	20.18	20.01	21.00
5	256QAM	1	0	18.00	18.20	18.19	19.00
5	256QAM	1	12	18.01	18.20	18.11	19.00
5	256QAM	1	24	18.22	18.46	18.32	19.00
5	256QAM	12	0	18.00	18.27	18.16	19.00

5	256QAM	12	7	18.05	18.22	18.07	19.00
5	256QAM	12	13	18.00	18.25	18.19	19.00
5	256QAM	25	0	18.01	18.23	18.13	19.00

【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	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	23.10	23.37	23.31	24.00
20	QPSK	1	49	23.00	23.30	23.19	24.00
20	QPSK	1	99	23.01	23.28	23.14	24.00
20	QPSK	50	0	22.02	22.34	22.26	23.00
20	QPSK	50	24	22.01	22.26	22.09	23.00
20	QPSK	50	50	22.00	22.31	22.18	23.00
20	QPSK	100	0	22.00	22.28	22.19	23.00
20	16QAM	1	0	22.02	22.35	22.17	23.00
20	16QAM	1	49	22.00	22.32	22.21	23.00
20	16QAM	1	99	22.02	22.35	22.28	23.00
20	16QAM	50	0	21.06	21.32	21.24	22.00
20	16QAM	50	24	21.01	21.30	21.15	22.00
20	16QAM	50	50	21.00	21.30	21.20	22.00
20	16QAM	100	0	21.00	21.21	21.08	22.00
20	64QAM	1	0	21.21	21.53	21.43	22.00
20	64QAM	1	49	21.09	21.42	21.31	22.00
20	64QAM	1	99	21.00	21.35	21.25	22.00
20	64QAM	50	0	20.02	20.29	20.14	21.00
20	64QAM	50	24	20.02	20.28	20.14	21.00
20	64QAM	50	50	20.06	20.37	20.22	21.00
20	64QAM	100	0	20.00	20.21	20.08	21.00
20	256QAM	1	0	18.00	18.34	18.27	19.00
20	256QAM	1	49	18.02	18.30	18.19	19.00
20	256QAM	1	99	18.24	18.58	18.46	19.00
20	256QAM	50	0	18.07	18.36	18.18	19.00
20	256QAM	50	24	18.09	18.33	18.21	19.00
20	256QAM	50	50	18.01	18.30	18.24	19.00
20	256QAM	100	0	18.02	18.25	18.15	19.00
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	23.04	23.36	23.17	24.00
15	QPSK	1	37	23.00	23.25	23.11	24.00
15	QPSK	1	74	23.00	23.16	23.04	24.00
15	QPSK	36	0	22.00	22.26	22.18	23.00
15	QPSK	36	20	22.00	22.16	22.02	23.00
15	QPSK	36	39	22.00	22.19	22.09	23.00
15	QPSK	75	0	22.00	22.24	22.10	23.00
15	16QAM	1	0	22.00	22.33	22.09	23.00
15	16QAM	1	37	22.01	22.22	22.20	23.00
15	16QAM	1	74	22.01	22.20	22.14	23.00
15	16QAM	36	0	21.00	21.20	21.16	22.00
15	16QAM	36	20	21.01	21.28	21.10	22.00
15	16QAM	36	39	21.01	21.16	21.09	22.00
15	16QAM	75	0	21.00	21.16	21.00	22.00
15	64QAM	1	0	21.12	21.41	21.41	22.00
15	64QAM	1	37	21.01	21.31	21.28	22.00
15	64QAM	1	74	21.00	21.31	21.20	22.00
15	64QAM	36	0	20.00	20.22	20.02	21.00
15	64QAM	36	20	20.00	20.24	20.08	21.00
15	64QAM	36	39	20.03	20.25	20.18	21.00
15	64QAM	75	0	20.01	20.18	20.00	21.00
15	256QAM	1	0	18.01	18.23	18.26	19.00
15	256QAM	1	37	18.00	18.28	18.12	19.00
15	256QAM	1	74	18.13	18.46	18.34	19.00
15	256QAM	36	0	18.00	18.34	18.08	19.00
15	256QAM	36	20	18.07	18.28	18.12	19.00
15	256QAM	36	39	18.01	18.15	18.20	19.00
15	256QAM	75	0	18.00	18.19	18.02	19.00
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	23.00	23.32	23.19	24.00
10	QPSK	1	25	23.01	23.17	23.13	24.00
10	QPSK	1	49	23.00	23.20	23.08	24.00

10	QPSK	25	0	22.00	22.23	22.21	23.00
10	QPSK	25	12	22.00	22.19	22.01	23.00
10	QPSK	25	25	22.00	22.25	22.08	23.00
10	QPSK	50	0	22.00	22.26	22.07	23.00
10	16QAM	1	0	22.01	22.32	22.09	23.00
10	16QAM	1	25	22.00	22.29	22.15	23.00
10	16QAM	1	49	22.00	22.27	22.15	23.00
10	16QAM	25	0	21.02	21.28	21.17	22.00
10	16QAM	25	12	21.02	21.21	21.01	22.00
10	16QAM	25	25	21.00	21.15	21.09	22.00
10	16QAM	50	0	21.01	21.19	21.00	22.00
10	64QAM	1	0	21.14	21.40	21.41	22.00
10	64QAM	1	25	21.01	21.40	21.24	22.00
10	64QAM	1	49	21.00	21.30	21.20	22.00
10	64QAM	25	0	20.00	20.27	20.07	21.00
10	64QAM	25	12	20.00	20.16	20.00	21.00
10	64QAM	25	25	20.00	20.24	20.11	21.00
10	64QAM	50	0	20.00	20.19	20.05	21.00
10	256QAM	1	0	18.01	18.21	18.22	19.00
10	256QAM	1	25	18.01	18.28	18.09	19.00
10	256QAM	1	49	18.19	18.47	18.33	19.00
10	256QAM	25	0	18.04	18.22	18.11	19.00
10	256QAM	25	12	18.01	18.21	18.09	19.00
10	256QAM	25	25	18.00	18.19	18.10	19.00
10	256QAM	50	0	18.00	18.12	18.12	19.00
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	23.02	23.25	23.27	24.00
5	QPSK	1	12	23.01	23.16	23.05	24.00
5	QPSK	1	24	23.01	23.24	23.01	24.00
5	QPSK	12	0	22.01	22.26	22.21	23.00
5	QPSK	12	7	22.01	22.11	22.01	23.00
5	QPSK	12	13	22.01	22.29	22.14	23.00
5	QPSK	25	0	22.00	22.19	22.09	23.00
5	16QAM	1	0	22.00	22.20	22.10	23.00
5	16QAM	1	12	22.02	22.21	22.18	23.00
5	16QAM	1	24	22.01	22.24	22.23	23.00
5	16QAM	12	0	21.01	21.27	21.17	22.00
5	16QAM	12	7	21.00	21.16	21.04	22.00
5	16QAM	12	13	21.01	21.27	21.07	22.00
5	16QAM	25	0	21.01	21.10	21.03	22.00
5	64QAM	1	0	21.16	21.44	21.32	22.00
5	64QAM	1	12	21.02	21.32	21.21	22.00
5	64QAM	1	24	21.00	21.31	21.12	22.00
5	64QAM	12	0	20.01	20.25	20.08	21.00
5	64QAM	12	7	20.00	20.24	20.13	21.00
5	64QAM	12	13	20.01	20.22	20.12	21.00
5	64QAM	25	0	20.01	20.18	20.01	21.00
5	256QAM	1	0	18.00	18.20	18.19	19.00
5	256QAM	1	12	18.01	18.20	18.11	19.00
5	256QAM	1	24	18.22	18.46	18.32	19.00
5	256QAM	12	0	18.00	18.27	18.16	19.00
5	256QAM	12	7	18.05	18.22	18.07	19.00
5	256QAM	12	13	18.00	18.25	18.19	19.00
5	256QAM	25	0	18.01	18.23	18.13	19.00

【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	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	21.17	21.21	21.13	22.10
20	QPSK	1	49	21.09	21.14	21.07	22.10
20	QPSK	1	99	21.10	21.14	20.95	22.10
20	QPSK	50	0	21.10	21.20	21.07	22.10
20	QPSK	50	24	20.99	21.00	21.02	22.10
20	QPSK	50	50	20.91	21.00	20.94	22.10
20	QPSK	100	0	20.84	21.03	20.80	22.10
20	16QAM	1	0	20.94	20.96	21.11	22.10
20	16QAM	1	49	20.86	20.94	20.93	22.10
20	16QAM	1	99	20.86	20.87	20.91	22.10
20	16QAM	50	0	21.01	20.92	21.03	22.10

20	16QAM	50	24	20.98	21.00	21.12	22.10
20	16QAM	50	50	21.02	21.04	21.06	22.10
20	16QAM	100	0	20.97	21.05	20.99	22.10
20	64QAM	1	0	21.04	20.97	21.15	22.10
20	64QAM	1	49	21.06	20.97	21.02	22.10
20	64QAM	1	99	21.02	21.10	21.04	22.10
20	64QAM	50	0	20.02	20.29	20.14	21.60
20	64QAM	50	24	20.02	20.28	20.14	21.60
20	64QAM	50	50	20.06	20.37	20.22	21.60
20	64QAM	100	0	20.00	20.21	20.08	21.60
20	256QAM	1	0	18.00	18.34	18.27	19.60
20	256QAM	1	49	18.02	18.30	18.19	19.60
20	256QAM	1	99	18.24	18.58	18.46	19.60
20	256QAM	50	0	18.07	18.36	18.18	19.60
20	256QAM	50	24	18.09	18.33	18.21	19.60
20	256QAM	50	50	18.01	18.30	18.24	19.60
20	256QAM	100	0	18.02	18.25	18.15	19.60
Channel				20825	21100	21375	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	QPSK	1	0	21.07	21.15	21.08	22.10
15	QPSK	1	37	20.96	21.08	20.99	22.10
15	QPSK	1	74	21.05	21.06	20.92	22.10
15	QPSK	36	0	20.96	21.12	20.88	22.10
15	QPSK	36	20	20.93	20.87	20.89	22.10
15	QPSK	36	39	20.84	20.98	20.87	22.10
15	QPSK	75	0	20.76	20.97	20.68	22.10
15	16QAM	1	0	20.80	20.89	21.02	22.10
15	16QAM	1	37	20.74	20.87	20.86	22.10
15	16QAM	1	74	20.76	20.77	20.82	22.10
15	16QAM	36	0	20.93	20.84	20.94	22.10
15	16QAM	36	20	20.93	20.96	21.10	22.10
15	16QAM	36	39	20.96	20.90	20.98	22.10
15	16QAM	75	0	20.96	21.00	20.85	22.10
15	64QAM	1	0	20.94	20.90	21.09	22.10
15	64QAM	1	37	20.94	20.85	21.00	22.10
15	64QAM	1	74	20.89	20.99	20.92	22.10
15	64QAM	36	0	19.88	20.24	20.08	21.60
15	64QAM	36	20	20.00	20.27	20.01	21.60
15	64QAM	36	39	19.95	20.33	20.12	21.60
15	64QAM	75	0	19.94	20.16	20.05	21.60
15	256QAM	1	0	17.91	18.21	18.19	19.60
15	256QAM	1	37	17.96	18.19	18.13	19.60
15	256QAM	1	74	18.22	18.55	18.33	19.60
15	256QAM	36	0	17.99	18.34	18.14	19.60
15	256QAM	36	20	18.03	18.19	18.11	19.60
15	256QAM	36	39	17.95	18.26	18.18	19.60
15	256QAM	75	0	17.93	18.13	18.07	19.60
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	21.08	21.11	21.09	22.10
10	QPSK	1	25	21.06	21.05	21.00	22.10
10	QPSK	1	49	21.05	21.04	20.90	22.10
10	QPSK	25	0	21.01	21.12	20.95	22.10
10	QPSK	25	12	20.88	20.95	20.89	22.10
10	QPSK	25	25	20.89	20.93	20.80	22.10
10	QPSK	50	0	20.81	20.90	20.77	22.10
10	16QAM	1	0	20.85	20.91	20.98	22.10
10	16QAM	1	25	20.85	20.83	20.89	22.10
10	16QAM	1	49	20.83	20.85	20.88	22.10
10	16QAM	25	0	20.94	20.86	20.93	22.10
10	16QAM	25	12	20.85	20.89	21.11	22.10
10	16QAM	25	25	20.93	20.99	21.04	22.10
10	16QAM	50	0	20.83	20.95	20.96	22.10
10	64QAM	1	0	21.01	20.88	21.02	22.10
10	64QAM	1	25	20.94	20.85	20.95	22.10
10	64QAM	1	49	20.87	21.07	21.03	22.10
10	64QAM	25	0	19.89	20.27	20.04	21.60
10	64QAM	25	12	19.97	20.26	20.01	21.60
10	64QAM	25	25	20.04	20.30	20.15	21.60
10	64QAM	50	0	19.87	20.07	19.98	21.60
10	256QAM	1	0	17.90	18.28	18.13	19.60
10	256QAM	1	25	17.94	18.17	18.18	19.60
10	256QAM	1	49	18.11	18.55	18.34	19.60
10	256QAM	25	0	17.94	18.25	18.07	19.60
10	256QAM	25	12	17.98	18.26	18.07	19.60
10	256QAM	25	25	17.93	18.18	18.20	19.60
10	256QAM	50	0	17.98	18.20	18.07	19.60
Channel				20775	21100	21425	Tune-up limit

Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	21.14	21.16	21.08	22.10
5	QPSK	1	12	20.96	21.04	21.04	22.10
5	QPSK	1	24	20.96	20.99	20.81	22.10
5	QPSK	12	0	20.98	21.11	20.92	22.10
5	QPSK	12	7	20.89	20.87	20.88	22.10
5	QPSK	12	13	20.85	20.94	20.92	22.10
5	QPSK	25	0	20.74	20.90	20.77	22.10
5	16QAM	1	0	20.92	20.89	21.03	22.10
5	16QAM	1	12	20.78	20.88	20.79	22.10
5	16QAM	1	24	20.81	20.84	20.88	22.10
5	16QAM	12	0	20.98	20.83	20.95	22.10
5	16QAM	12	7	20.92	20.88	21.02	22.10
5	16QAM	12	13	20.90	21.02	21.02	22.10
5	16QAM	25	0	20.88	21.03	20.94	22.10
5	64QAM	1	0	21.02	20.84	21.09	22.10
5	64QAM	1	12	21.04	20.95	20.99	22.10
5	64QAM	1	24	20.87	21.08	20.92	22.10
5	64QAM	12	0	19.96	20.15	20.03	21.60
5	64QAM	12	7	19.96	20.24	20.12	21.60
5	64QAM	12	13	20.02	20.28	20.12	21.60
5	64QAM	25	0	19.98	20.12	19.99	21.60
5	256QAM	1	0	17.95	18.29	18.26	19.60
5	256QAM	1	12	17.99	18.16	18.08	19.60
5	256QAM	1	24	18.19	18.52	18.40	19.60
5	256QAM	12	0	18.04	18.28	18.10	19.60
5	256QAM	12	7	17.95	18.26	18.18	19.60
5	256QAM	12	13	17.96	18.23	18.13	19.60
5	256QAM	25	0	17.97	18.18	18.10	19.60

【LTE Band 7_Ant 9_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	22.66	22.75	22.69	24.00
20	QPSK	1	49	22.44	22.64	22.49	24.00
20	QPSK	1	99	22.52	22.73	22.52	24.00
20	QPSK	50	0	21.55	21.73	21.65	23.00
20	QPSK	50	24	21.51	21.66	21.51	23.00
20	QPSK	50	50	21.56	21.71	21.60	23.00
20	QPSK	100	0	21.47	21.68	21.51	23.00
20	16QAM	1	0	21.61	21.92	21.66	23.00
20	16QAM	1	49	21.64	21.77	21.64	23.00
20	16QAM	1	99	21.67	21.84	21.76	23.00
20	16QAM	50	0	20.48	20.75	20.64	22.00
20	16QAM	50	24	20.62	20.71	20.63	22.00
20	16QAM	50	50	20.59	20.72	20.66	22.00
20	16QAM	100	0	20.53	20.71	20.53	22.00
20	64QAM	1	0	20.72	20.80	20.57	22.00
20	64QAM	1	49	20.60	20.81	20.69	22.00
20	64QAM	1	99	20.71	20.90	20.72	22.00
20	64QAM	50	0	19.55	19.74	19.64	21.00
20	64QAM	50	24	19.62	19.69	19.48	21.00
20	64QAM	50	50	19.60	19.71	19.49	21.00
20	64QAM	100	0	19.49	19.74	19.44	21.00
20	256QAM	1	0	17.66	17.67	17.60	19.00
20	256QAM	1	49	17.71	17.77	17.61	19.00
20	256QAM	1	99	17.79	17.81	17.70	19.00
20	256QAM	50	0	17.53	17.71	17.51	19.00
20	256QAM	50	24	17.70	17.75	17.49	19.00
20	256QAM	50	50	17.63	17.79	17.61	19.00
20	256QAM	100	0	17.58	17.70	17.51	19.00
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	22.58	22.65	22.60	24.00
15	QPSK	1	37	22.37	22.55	22.36	24.00
15	QPSK	1	74	22.44	22.59	22.40	24.00
15	QPSK	36	0	21.44	21.67	21.63	23.00
15	QPSK	36	20	21.45	21.60	21.37	23.00
15	QPSK	36	39	21.46	21.67	21.45	23.00
15	QPSK	75	0	21.35	21.60	21.38	23.00

15	16QAM	1	0	21.58	21.83	21.65	23.00
15	16QAM	1	37	21.62	21.76	21.52	23.00
15	16QAM	1	74	21.63	21.74	21.64	23.00
15	16QAM	36	0	20.39	20.63	20.57	22.00
15	16QAM	36	20	20.49	20.64	20.51	22.00
15	16QAM	36	39	20.51	20.69	20.61	22.00
15	16QAM	75	0	20.44	20.60	20.40	22.00
15	64QAM	1	0	20.59	20.77	20.53	22.00
15	64QAM	1	37	20.48	20.79	20.64	22.00
15	64QAM	1	74	20.69	20.79	20.61	22.00
15	64QAM	36	0	19.45	19.59	19.51	21.00
15	64QAM	36	20	19.52	19.61	19.44	21.00
15	64QAM	36	39	19.53	19.60	19.36	21.00
15	64QAM	75	0	19.38	19.68	19.33	21.00
15	256QAM	1	0	17.64	17.58	17.50	19.00
15	256QAM	1	37	17.59	17.66	17.49	19.00
15	256QAM	1	74	17.73	17.74	17.55	19.00
15	256QAM	36	0	17.42	17.65	17.44	19.00
15	256QAM	36	20	17.58	17.65	17.47	19.00
15	256QAM	36	39	17.62	17.76	17.48	19.00
15	256QAM	75	0	17.51	17.64	17.41	19.00
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	22.53	22.71	22.62	24.00
10	QPSK	1	25	22.41	22.58	22.35	24.00
10	QPSK	1	49	22.39	22.72	22.50	24.00
10	QPSK	25	0	21.43	21.71	21.55	23.00
10	QPSK	25	12	21.50	21.58	21.45	23.00
10	QPSK	25	25	21.43	21.56	21.57	23.00
10	QPSK	50	0	21.45	21.54	21.49	23.00
10	16QAM	1	0	21.56	21.80	21.53	23.00
10	16QAM	1	25	21.55	21.68	21.57	23.00
10	16QAM	1	49	21.58	21.71	21.64	23.00
10	16QAM	25	0	20.44	20.69	20.59	22.00
10	16QAM	25	12	20.59	20.57	20.54	22.00
10	16QAM	25	25	20.53	20.59	20.51	22.00
10	16QAM	50	0	20.51	20.58	20.44	22.00
10	64QAM	1	0	20.58	20.76	20.53	22.00
10	64QAM	1	25	20.58	20.69	20.60	22.00
10	64QAM	1	49	20.65	20.85	20.62	22.00
10	64QAM	25	0	19.52	19.70	19.59	21.00
10	64QAM	25	12	19.58	19.60	19.38	21.00
10	64QAM	25	25	19.51	19.69	19.34	21.00
10	64QAM	50	0	19.46	19.71	19.34	21.00
10	256QAM	1	0	17.63	17.65	17.52	19.00
10	256QAM	1	25	17.62	17.64	17.46	19.00
10	256QAM	1	49	17.71	17.73	17.69	19.00
10	256QAM	25	0	17.52	17.57	17.37	19.00
10	256QAM	25	12	17.62	17.66	17.42	19.00
10	256QAM	25	25	17.52	17.71	17.53	19.00
10	256QAM	50	0	17.45	17.62	17.39	19.00
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	22.64	22.68	22.66	24.00
5	QPSK	1	12	22.32	22.54	22.43	24.00
5	QPSK	1	24	22.44	22.66	22.45	24.00
5	QPSK	12	0	21.52	21.60	21.61	23.00
5	QPSK	12	7	21.48	21.59	21.49	23.00
5	QPSK	12	13	21.50	21.67	21.58	23.00
5	QPSK	25	0	21.38	21.57	21.47	23.00
5	16QAM	1	0	21.57	21.87	21.56	23.00
5	16QAM	1	12	21.56	21.74	21.61	23.00
5	16QAM	1	24	21.63	21.81	21.70	23.00
5	16QAM	12	0	20.34	20.63	20.62	22.00
5	16QAM	12	7	20.54	20.67	20.53	22.00
5	16QAM	12	13	20.46	20.68	20.58	22.00
5	16QAM	25	0	20.45	20.59	20.45	22.00
5	64QAM	1	0	20.63	20.69	20.49	22.00
5	64QAM	1	12	20.47	20.74	20.58	22.00
5	64QAM	1	24	20.63	20.86	20.58	22.00
5	64QAM	12	0	19.45	19.69	19.60	21.00
5	64QAM	12	7	19.50	19.58	19.37	21.00
5	64QAM	12	13	19.49	19.59	19.41	21.00
5	64QAM	25	0	19.43	19.67	19.42	21.00
5	256QAM	1	0	17.55	17.63	17.51	19.00
5	256QAM	1	12	17.60	17.66	17.50	19.00
5	256QAM	1	24	17.74	17.68	17.61	19.00
5	256QAM	12	0	17.51	17.70	17.45	19.00

5	256QAM	12	7	17.66	17.73	17.47	19.00
5	256QAM	12	13	17.52	17.71	17.47	19.00
5	256QAM	25	0	17.55	17.65	17.43	19.00

【LTE Band 7_Ant 9_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	20.41	20.56	20.40	21.50
20	QPSK	1	49	20.33	20.38	20.27	21.50
20	QPSK	1	99	20.35	20.41	20.28	21.50
20	QPSK	50	0	20.38	20.47	20.23	21.50
20	QPSK	50	24	20.15	20.34	20.27	21.50
20	QPSK	50	50	20.27	20.22	20.22	21.50
20	QPSK	100	0	20.13	20.25	20.11	21.50
20	16QAM	1	0	20.25	20.19	20.31	21.50
20	16QAM	1	49	20.22	20.18	20.24	21.50
20	16QAM	1	99	20.12	20.14	20.28	21.50
20	16QAM	50	0	20.22	20.25	20.19	21.50
20	16QAM	50	24	20.30	20.30	20.38	21.50
20	16QAM	50	50	20.33	20.26	20.30	21.50
20	16QAM	100	0	20.22	20.40	20.41	21.50
20	64QAM	1	0	20.34	20.23	20.29	21.50
20	64QAM	1	49	20.32	20.30	20.35	21.50
20	64QAM	1	99	20.29	20.34	20.31	21.50
20	64QAM	50	0	19.57	19.75	19.48	21.00
20	64QAM	50	24	19.37	19.66	19.46	21.00
20	64QAM	50	50	19.50	19.70	19.43	21.00
20	64QAM	100	0	19.52	19.68	19.39	21.00
20	256QAM	1	0	17.46	17.62	17.34	19.00
20	256QAM	1	49	17.47	17.72	17.56	19.00
20	256QAM	1	99	17.58	17.75	17.49	19.00
20	256QAM	50	0	17.48	17.65	17.50	19.00
20	256QAM	50	24	17.43	17.66	17.42	19.00
20	256QAM	50	50	17.44	17.71	17.46	19.00
20	256QAM	100	0	17.47	17.63	17.38	19.00
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	20.31	20.51	20.33	21.50
15	QPSK	1	37	20.27	20.34	20.13	21.50
15	QPSK	1	74	20.26	20.31	20.24	21.50
15	QPSK	36	0	20.31	20.35	20.16	21.50
15	QPSK	36	20	20.08	20.30	20.24	21.50
15	QPSK	36	39	20.24	20.11	20.08	21.50
15	QPSK	75	0	20.08	20.15	20.10	21.50
15	16QAM	1	0	20.20	20.13	20.24	21.50
15	16QAM	1	37	20.14	20.11	20.22	21.50
15	16QAM	1	74	20.02	20.06	20.26	21.50
15	16QAM	36	0	20.18	20.22	20.06	21.50
15	16QAM	36	20	20.29	20.15	20.33	21.50
15	16QAM	36	39	20.20	20.11	20.29	21.50
15	16QAM	75	0	20.08	20.39	20.37	21.50
15	64QAM	1	0	20.29	20.13	20.17	21.50
15	64QAM	1	37	20.19	20.24	20.32	21.50
15	64QAM	1	74	20.16	20.25	20.25	21.50
15	64QAM	36	0	19.49	19.62	19.41	21.00
15	64QAM	36	20	19.23	19.60	19.34	21.00
15	64QAM	36	39	19.46	19.57	19.34	21.00
15	64QAM	75	0	19.48	19.65	19.35	21.00
15	256QAM	1	0	17.39	17.58	17.20	19.00
15	256QAM	1	37	17.35	17.64	17.54	19.00
15	256QAM	1	74	17.55	17.63	17.40	19.00
15	256QAM	36	0	17.44	17.50	17.35	19.00
15	256QAM	36	20	17.29	17.61	17.40	19.00
15	256QAM	36	39	17.36	17.60	17.43	19.00
15	256QAM	75	0	17.33	17.56	17.35	19.00
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	20.30	20.47	20.28	21.50
10	QPSK	1	25	20.26	20.23	20.21	21.50
10	QPSK	1	49	20.33	20.30	20.24	21.50

10	QPSK	25	0	20.30	20.38	20.09	21.50
10	QPSK	25	12	20.08	20.20	20.25	21.50
10	QPSK	25	25	20.14	20.08	20.16	21.50
10	QPSK	50	0	20.04	20.23	20.05	21.50
10	16QAM	1	0	20.16	20.07	20.19	21.50
10	16QAM	1	25	20.16	20.10	20.22	21.50
10	16QAM	1	49	20.01	20.06	20.23	21.50
10	16QAM	25	0	20.09	20.24	20.12	21.50
10	16QAM	25	12	20.24	20.23	20.32	21.50
10	16QAM	25	25	20.27	20.25	20.26	21.50
10	16QAM	50	0	20.10	20.36	20.38	21.50
10	64QAM	1	0	20.27	20.15	20.26	21.50
10	64QAM	1	25	20.30	20.24	20.21	21.50
10	64QAM	1	49	20.22	20.29	20.20	21.50
10	64QAM	25	0	19.53	19.67	19.46	21.00
10	64QAM	25	12	19.36	19.55	19.36	21.00
10	64QAM	25	25	19.42	19.61	19.38	21.00
10	64QAM	50	0	19.48	19.66	19.34	21.00
10	256QAM	1	0	17.40	17.52	17.20	19.00
10	256QAM	1	25	17.35	17.64	17.54	19.00
10	256QAM	1	49	17.55	17.61	17.46	19.00
10	256QAM	25	0	17.45	17.53	17.46	19.00
10	256QAM	25	12	17.30	17.53	17.35	19.00
10	256QAM	25	25	17.42	17.62	17.42	19.00
10	256QAM	50	0	17.45	17.62	17.32	19.00
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	20.39	20.51	20.36	21.50
5	QPSK	1	12	20.30	20.33	20.14	21.50
5	QPSK	1	24	20.33	20.38	20.22	21.50
5	QPSK	12	0	20.32	20.36	20.21	21.50
5	QPSK	12	7	20.03	20.20	20.18	21.50
5	QPSK	12	13	20.24	20.08	20.18	21.50
5	QPSK	25	0	20.06	20.19	20.04	21.50
5	16QAM	1	0	20.14	20.06	20.25	21.50
5	16QAM	1	12	20.16	20.13	20.22	21.50
5	16QAM	1	24	20.02	20.08	20.16	21.50
5	16QAM	12	0	20.16	20.13	20.09	21.50
5	16QAM	12	7	20.27	20.22	20.31	21.50
5	16QAM	12	13	20.28	20.19	20.19	21.50
5	16QAM	25	0	20.13	20.28	20.37	21.50
5	64QAM	1	0	20.31	20.21	20.25	21.50
5	64QAM	1	12	20.21	20.16	20.31	21.50
5	64QAM	1	24	20.21	20.21	20.27	21.50
5	64QAM	12	0	19.44	19.70	19.41	21.00
5	64QAM	12	7	19.23	19.55	19.45	21.00
5	64QAM	12	13	19.38	19.63	19.40	21.00
5	64QAM	25	0	19.43	19.58	19.31	21.00
5	256QAM	1	0	17.34	17.52	17.20	19.00
5	256QAM	1	12	17.33	17.58	17.53	19.00
5	256QAM	1	24	17.53	17.63	17.37	19.00
5	256QAM	12	0	17.47	17.55	17.46	19.00
5	256QAM	12	7	17.31	17.60	17.32	19.00
5	256QAM	12	13	17.40	17.60	17.39	19.00
5	256QAM	25	0	17.38	17.49	17.31	19.00

【LTE Band 7_Ant 9_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	16.92	16.98	16.94	18.40
20	QPSK	1	49	16.80	16.91	16.80	18.40
20	QPSK	1	99	16.80	16.90	16.76	18.40
20	QPSK	50	0	16.84	16.88	16.85	18.40
20	QPSK	50	24	16.75	16.81	16.73	18.40
20	QPSK	50	50	16.77	16.77	16.65	18.40
20	QPSK	100	0	16.63	16.76	16.58	18.40
20	16QAM	1	0	16.71	16.78	16.86	18.40
20	16QAM	1	49	16.68	16.74	16.70	18.40
20	16QAM	1	99	16.71	16.72	16.78	18.40
20	16QAM	50	0	16.76	16.78	16.83	18.40

20	16QAM	50	24	16.79	16.81	16.95	18.40
20	16QAM	50	50	16.86	16.80	16.77	18.40
20	16QAM	100	0	16.69	16.99	16.88	18.40
20	64QAM	1	0	16.83	16.80	16.89	18.40
20	64QAM	1	49	16.77	16.73	16.89	18.40
20	64QAM	1	99	16.89	16.92	16.86	18.40
20	64QAM	50	0	16.80	16.80	16.75	18.40
20	64QAM	50	24	16.80	16.86	16.82	18.40
20	64QAM	50	50	16.70	16.91	16.85	18.40
20	64QAM	100	0	16.75	16.92	16.89	18.40
20	256QAM	1	0	16.84	16.86	16.80	18.40
20	256QAM	1	49	16.74	17.02	16.76	18.40
20	256QAM	1	99	16.82	16.78	16.78	18.40
20	256QAM	50	0	16.87	16.90	16.78	18.40
20	256QAM	50	24	16.68	16.92	16.79	18.40
20	256QAM	50	50	16.86	16.81	16.93	18.40
20	256QAM	100	0	16.78	16.80	16.86	18.40
Channel				20825	21100	21375	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	QPSK	1	0	16.85	16.95	16.86	18.40
15	QPSK	1	37	16.73	16.87	16.69	18.40
15	QPSK	1	74	16.79	16.81	16.71	18.40
15	QPSK	36	0	16.80	16.83	16.80	18.40
15	QPSK	36	20	16.70	16.80	16.69	18.40
15	QPSK	36	39	16.69	16.64	16.57	18.40
15	QPSK	75	0	16.48	16.75	16.51	18.40
15	16QAM	1	0	16.59	16.76	16.85	18.40
15	16QAM	1	37	16.53	16.67	16.60	18.40
15	16QAM	1	74	16.68	16.71	16.68	18.40
15	16QAM	36	0	16.75	16.65	16.68	18.40
15	16QAM	36	20	16.65	16.69	16.82	18.40
15	16QAM	36	39	16.80	16.78	16.68	18.40
15	16QAM	75	0	16.61	16.85	16.82	18.40
15	64QAM	1	0	16.73	16.78	16.79	18.40
15	64QAM	1	37	16.75	16.61	16.75	18.40
15	64QAM	1	74	16.87	16.85	16.83	18.40
15	64QAM	36	0	16.73	16.65	16.65	18.40
15	64QAM	36	20	16.74	16.82	16.73	18.40
15	64QAM	36	39	16.57	16.84	16.82	18.40
15	64QAM	75	0	16.65	16.80	16.88	18.40
15	256QAM	1	0	16.75	16.78	16.76	18.40
15	256QAM	1	37	16.73	16.99	16.70	18.40
15	256QAM	1	74	16.72	16.75	16.64	18.40
15	256QAM	36	0	16.75	16.87	16.72	18.40
15	256QAM	36	20	16.62	16.89	16.74	18.40
15	256QAM	36	39	16.84	16.67	16.91	18.40
15	256QAM	75	0	16.70	16.77	16.81	18.40
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	16.85	16.88	16.85	18.40
10	QPSK	1	25	16.71	16.83	16.67	18.40
10	QPSK	1	49	16.72	16.78	16.63	18.40
10	QPSK	25	0	16.76	16.85	16.72	18.40
10	QPSK	25	12	16.69	16.79	16.63	18.40
10	QPSK	25	25	16.67	16.76	16.50	18.40
10	QPSK	50	0	16.53	16.72	16.51	18.40
10	16QAM	1	0	16.67	16.65	16.78	18.40
10	16QAM	1	25	16.66	16.62	16.63	18.40
10	16QAM	1	49	16.65	16.65	16.77	18.40
10	16QAM	25	0	16.64	16.66	16.79	18.40
10	16QAM	25	12	16.73	16.68	16.80	18.40
10	16QAM	25	25	16.84	16.68	16.62	18.40
10	16QAM	50	0	16.56	16.91	16.80	18.40
10	64QAM	1	0	16.80	16.67	16.79	18.40
10	64QAM	1	25	16.63	16.71	16.86	18.40
10	64QAM	1	49	16.76	16.83	16.73	18.40
10	64QAM	25	0	16.77	16.76	16.64	18.40
10	64QAM	25	12	16.65	16.74	16.80	18.40
10	64QAM	25	25	16.66	16.85	16.78	18.40
10	64QAM	50	0	16.68	16.84	16.88	18.40
10	256QAM	1	0	16.78	16.72	16.66	18.40
10	256QAM	1	25	16.68	16.99	16.63	18.40
10	256QAM	1	49	16.77	16.72	16.66	18.40
10	256QAM	25	0	16.76	16.78	16.76	18.40
10	256QAM	25	12	16.59	16.86	16.72	18.40
10	256QAM	25	25	16.80	16.67	16.78	18.40
10	256QAM	50	0	16.73	16.73	16.84	18.40
Channel				20775	21100	21425	Tune-up limit

Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	16.83	16.90	16.80	18.40
5	QPSK	1	12	16.65	16.76	16.69	18.40
5	QPSK	1	24	16.76	16.81	16.73	18.40
5	QPSK	12	0	16.73	16.85	16.81	18.40
5	QPSK	12	7	16.62	16.74	16.70	18.40
5	QPSK	12	13	16.76	16.74	16.58	18.40
5	QPSK	25	0	16.50	16.67	16.51	18.40
5	16QAM	1	0	16.62	16.69	16.84	18.40
5	16QAM	1	12	16.61	16.72	16.57	18.40
5	16QAM	1	24	16.70	16.64	16.65	18.40
5	16QAM	12	0	16.64	16.65	16.72	18.40
5	16QAM	12	7	16.64	16.66	16.89	18.40
5	16QAM	12	13	16.77	16.66	16.73	18.40
5	16QAM	25	0	16.67	16.94	16.79	18.40
5	64QAM	1	0	16.81	16.74	16.79	18.40
5	64QAM	1	12	16.67	16.65	16.85	18.40
5	64QAM	1	24	16.76	16.80	16.76	18.40
5	64QAM	12	0	16.68	16.70	16.61	18.40
5	64QAM	12	7	16.67	16.73	16.67	18.40
5	64QAM	12	13	16.60	16.84	16.77	18.40
5	64QAM	25	0	16.67	16.78	16.87	18.40
5	256QAM	1	0	16.73	16.81	16.71	18.40
5	256QAM	1	12	16.59	16.99	16.71	18.40
5	256QAM	1	24	16.75	16.74	16.69	18.40
5	256QAM	12	0	16.82	16.75	16.73	18.40
5	256QAM	12	7	16.62	16.81	16.78	18.40
5	256QAM	12	13	16.72	16.68	16.82	18.40
5	256QAM	25	0	16.66	16.67	16.78	18.40

【LTE Band 7_Ant 9_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	18.05	18.08	18.02	19.00
20	QPSK	1	49	17.86	17.95	17.83	19.00
20	QPSK	1	99	17.90	18.02	17.79	19.00
20	QPSK	50	0	17.84	18.00	17.89	19.00
20	QPSK	50	24	17.73	17.84	17.76	19.00
20	QPSK	50	50	17.82	17.86	17.74	19.00
20	QPSK	100	0	17.58	17.75	17.63	19.00
20	16QAM	1	0	17.80	17.85	17.81	19.00
20	16QAM	1	49	17.84	17.80	17.84	19.00
20	16QAM	1	99	17.81	17.71	17.69	19.00
20	16QAM	50	0	17.87	17.79	17.81	19.00
20	16QAM	50	24	17.88	17.90	17.93	19.00
20	16QAM	50	50	17.91	17.89	17.85	19.00
20	16QAM	100	0	17.83	17.97	17.92	19.00
20	64QAM	1	0	17.88	17.89	17.96	19.00
20	64QAM	1	49	17.88	17.83	17.93	19.00
20	64QAM	1	99	17.80	17.91	17.97	19.00
20	64QAM	50	0	17.91	18.00	17.84	19.00
20	64QAM	50	24	17.76	17.87	17.88	19.00
20	64QAM	50	50	17.78	18.02	17.97	19.00
20	64QAM	100	0	17.95	17.85	17.87	19.00
20	256QAM	1	0	17.82	18.04	17.92	19.00
20	256QAM	1	49	17.78	18.06	17.83	19.00
20	256QAM	1	99	17.86	17.84	17.94	19.00
20	256QAM	50	0	17.93	18.02	17.94	19.00
20	256QAM	50	24	17.78	17.93	17.89	19.00
20	256QAM	50	50	17.85	17.92	17.95	19.00
20	256QAM	100	0	17.74	17.85	17.81	19.00
Channel				20825	21100	21375	
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	18.01	17.95	17.97	19.00
15	QPSK	1	37	17.75	17.91	17.73	19.00
15	QPSK	1	74	17.86	17.93	17.65	19.00
15	QPSK	36	0	17.80	17.94	17.83	19.00
15	QPSK	36	20	17.67	17.76	17.68	19.00
15	QPSK	36	39	17.79	17.82	17.66	19.00
15	QPSK	75	0	17.55	17.72	17.54	19.00

15	16QAM	1	0	17.73	17.75	17.75	19.00
15	16QAM	1	37	17.75	17.71	17.70	19.00
15	16QAM	1	74	17.80	17.63	17.64	19.00
15	16QAM	36	0	17.83	17.68	17.73	19.00
15	16QAM	36	20	17.77	17.80	17.90	19.00
15	16QAM	36	39	17.86	17.88	17.80	19.00
15	16QAM	75	0	17.74	17.88	17.88	19.00
15	64QAM	1	0	17.73	17.87	17.93	19.00
15	64QAM	1	37	17.82	17.78	17.88	19.00
15	64QAM	1	74	17.77	17.81	17.95	19.00
15	64QAM	36	0	17.82	17.98	17.77	19.00
15	64QAM	36	20	17.72	17.72	17.77	19.00
15	64QAM	36	39	17.65	18.01	17.83	19.00
15	64QAM	75	0	17.94	17.76	17.79	19.00
15	256QAM	1	0	17.77	17.92	17.82	19.00
15	256QAM	1	37	17.76	17.96	17.81	19.00
15	256QAM	1	74	17.71	17.80	17.81	19.00
15	256QAM	36	0	17.83	17.90	17.81	19.00
15	256QAM	36	20	17.64	17.87	17.82	19.00
15	256QAM	36	39	17.80	17.86	17.88	19.00
15	256QAM	75	0	17.72	17.81	17.67	19.00
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	18.02	17.95	17.91	19.00
10	QPSK	1	25	17.74	17.82	17.73	19.00
10	QPSK	1	49	17.81	17.89	17.70	19.00
10	QPSK	25	0	17.82	17.95	17.88	19.00
10	QPSK	25	12	17.70	17.82	17.63	19.00
10	QPSK	25	25	17.75	17.76	17.60	19.00
10	QPSK	50	0	17.44	17.62	17.62	19.00
10	16QAM	1	0	17.68	17.74	17.72	19.00
10	16QAM	1	25	17.76	17.78	17.83	19.00
10	16QAM	1	49	17.68	17.63	17.65	19.00
10	16QAM	25	0	17.75	17.73	17.67	19.00
10	16QAM	25	12	17.80	17.79	17.81	19.00
10	16QAM	25	25	17.87	17.79	17.81	19.00
10	16QAM	50	0	17.70	17.85	17.81	19.00
10	64QAM	1	0	17.86	17.82	17.90	19.00
10	64QAM	1	25	17.85	17.82	17.82	19.00
10	64QAM	1	49	17.68	17.86	17.82	19.00
10	64QAM	25	0	17.83	17.99	17.78	19.00
10	64QAM	25	12	17.66	17.75	17.80	19.00
10	64QAM	25	25	17.68	17.93	17.94	19.00
10	64QAM	50	0	17.83	17.74	17.86	19.00
10	256QAM	1	0	17.70	18.00	17.86	19.00
10	256QAM	1	25	17.73	17.95	17.69	19.00
10	256QAM	1	49	17.71	17.70	17.83	19.00
10	256QAM	25	0	17.90	17.99	17.88	19.00
10	256QAM	25	12	17.66	17.90	17.87	19.00
10	256QAM	25	25	17.82	17.89	17.87	19.00
10	256QAM	50	0	17.71	17.81	17.66	19.00
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	17.97	17.96	17.94	19.00
5	QPSK	1	12	17.83	17.86	17.80	19.00
5	QPSK	1	24	17.79	18.01	17.72	19.00
5	QPSK	12	0	17.81	17.86	17.77	19.00
5	QPSK	12	7	17.69	17.71	17.63	19.00
5	QPSK	12	13	17.73	17.81	17.66	19.00
5	QPSK	25	0	17.52	17.74	17.48	19.00
5	16QAM	1	0	17.69	17.84	17.67	19.00
5	16QAM	1	12	17.72	17.73	17.81	19.00
5	16QAM	1	24	17.67	17.65	17.61	19.00
5	16QAM	12	0	17.83	17.77	17.78	19.00
5	16QAM	12	7	17.77	17.85	17.81	19.00
5	16QAM	12	13	17.86	17.78	17.83	19.00
5	16QAM	25	0	17.78	17.93	17.88	19.00
5	64QAM	1	0	17.74	17.75	17.90	19.00
5	64QAM	1	12	17.79	17.70	17.90	19.00
5	64QAM	1	24	17.73	17.77	17.89	19.00
5	64QAM	12	0	17.88	17.96	17.72	19.00
5	64QAM	12	7	17.65	17.79	17.80	19.00
5	64QAM	12	13	17.65	17.97	17.91	19.00
5	64QAM	25	0	17.88	17.79	17.85	19.00
5	256QAM	1	0	17.73	17.97	17.82	19.00
5	256QAM	1	12	17.65	18.05	17.79	19.00
5	256QAM	1	24	17.78	17.75	17.81	19.00
5	256QAM	12	0	17.91	17.94	17.85	19.00

5	256QAM	12	7	17.70	17.82	17.76	19.00
5	256QAM	12	13	17.79	17.77	17.93	19.00
5	256QAM	25	0	17.61	17.71	17.68	19.00

【LTE Band 7_Ant 9_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	18.05	18.08	18.02	19.00
20	QPSK	1	49	17.86	17.95	17.83	19.00
20	QPSK	1	99	17.90	18.02	17.79	19.00
20	QPSK	50	0	17.84	18.00	17.89	19.00
20	QPSK	50	24	17.73	17.84	17.76	19.00
20	QPSK	50	50	17.82	17.86	17.74	19.00
20	QPSK	100	0	17.58	17.75	17.63	19.00
20	16QAM	1	0	17.80	17.85	17.81	19.00
20	16QAM	1	49	17.84	17.80	17.84	19.00
20	16QAM	1	99	17.81	17.71	17.69	19.00
20	16QAM	50	0	17.87	17.79	17.81	19.00
20	16QAM	50	24	17.88	17.90	17.93	19.00
20	16QAM	50	50	17.91	17.89	17.85	19.00
20	16QAM	100	0	17.83	17.97	17.92	19.00
20	64QAM	1	0	17.88	17.89	17.96	19.00
20	64QAM	1	49	17.88	17.83	17.93	19.00
20	64QAM	1	99	17.80	17.91	17.97	19.00
20	64QAM	50	0	17.91	18.00	17.84	19.00
20	64QAM	50	24	17.76	17.87	17.88	19.00
20	64QAM	50	50	17.78	18.02	17.97	19.00
20	64QAM	100	0	17.95	17.85	17.87	19.00
20	256QAM	1	0	17.82	18.04	17.92	19.00
20	256QAM	1	49	17.78	18.06	17.83	19.00
20	256QAM	1	99	17.86	17.84	17.94	19.00
20	256QAM	50	0	17.93	18.02	17.94	19.00
20	256QAM	50	24	17.78	17.93	17.89	19.00
20	256QAM	50	50	17.85	17.92	17.95	19.00
20	256QAM	100	0	17.74	17.85	17.81	19.00
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	18.01	17.95	17.97	19.00
15	QPSK	1	37	17.75	17.91	17.73	19.00
15	QPSK	1	74	17.86	17.93	17.65	19.00
15	QPSK	36	0	17.80	17.94	17.83	19.00
15	QPSK	36	20	17.67	17.76	17.68	19.00
15	QPSK	36	39	17.79	17.82	17.66	19.00
15	QPSK	75	0	17.55	17.72	17.54	19.00
15	16QAM	1	0	17.73	17.75	17.75	19.00
15	16QAM	1	37	17.75	17.71	17.70	19.00
15	16QAM	1	74	17.80	17.63	17.64	19.00
15	16QAM	36	0	17.83	17.68	17.73	19.00
15	16QAM	36	20	17.77	17.80	17.90	19.00
15	16QAM	36	39	17.86	17.88	17.80	19.00
15	16QAM	75	0	17.74	17.88	17.88	19.00
15	64QAM	1	0	17.73	17.87	17.93	19.00
15	64QAM	1	37	17.82	17.78	17.88	19.00
15	64QAM	1	74	17.77	17.81	17.95	19.00
15	64QAM	36	0	17.82	17.98	17.77	19.00
15	64QAM	36	20	17.72	17.72	17.77	19.00
15	64QAM	36	39	17.65	18.01	17.83	19.00
15	64QAM	75	0	17.94	17.76	17.79	19.00
15	256QAM	1	0	17.77	17.92	17.82	19.00
15	256QAM	1	37	17.76	17.96	17.81	19.00
15	256QAM	1	74	17.71	17.80	17.81	19.00
15	256QAM	36	0	17.83	17.90	17.81	19.00
15	256QAM	36	20	17.64	17.87	17.82	19.00
15	256QAM	36	39	17.80	17.86	17.88	19.00
15	256QAM	75	0	17.72	17.81	17.67	19.00
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	18.02	17.95	17.91	19.00
10	QPSK	1	25	17.74	17.82	17.73	19.00
10	QPSK	1	49	17.81	17.89	17.70	19.00

10	QPSK	25	0	17.82	17.95	17.88	19.00
10	QPSK	25	12	17.70	17.82	17.63	19.00
10	QPSK	25	25	17.75	17.76	17.60	19.00
10	QPSK	50	0	17.44	17.62	17.62	19.00
10	16QAM	1	0	17.68	17.74	17.72	19.00
10	16QAM	1	25	17.76	17.78	17.83	19.00
10	16QAM	1	49	17.68	17.63	17.65	19.00
10	16QAM	25	0	17.75	17.73	17.67	19.00
10	16QAM	25	12	17.80	17.79	17.81	19.00
10	16QAM	25	25	17.87	17.79	17.81	19.00
10	16QAM	50	0	17.70	17.85	17.81	19.00
10	64QAM	1	0	17.86	17.82	17.90	19.00
10	64QAM	1	25	17.85	17.82	17.82	19.00
10	64QAM	1	49	17.68	17.86	17.82	19.00
10	64QAM	25	0	17.83	17.99	17.78	19.00
10	64QAM	25	12	17.66	17.75	17.80	19.00
10	64QAM	25	25	17.68	17.93	17.94	19.00
10	64QAM	50	0	17.83	17.74	17.86	19.00
10	256QAM	1	0	17.70	18.00	17.86	19.00
10	256QAM	1	25	17.73	17.95	17.69	19.00
10	256QAM	1	49	17.71	17.70	17.83	19.00
10	256QAM	25	0	17.90	17.99	17.88	19.00
10	256QAM	25	12	17.66	17.90	17.87	19.00
10	256QAM	25	25	17.82	17.89	17.87	19.00
10	256QAM	50	0	17.71	17.81	17.66	19.00
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	17.97	17.96	17.94	19.00
5	QPSK	1	12	17.83	17.86	17.80	19.00
5	QPSK	1	24	17.79	18.01	17.72	19.00
5	QPSK	12	0	17.81	17.86	17.77	19.00
5	QPSK	12	7	17.69	17.71	17.63	19.00
5	QPSK	12	13	17.73	17.81	17.66	19.00
5	QPSK	25	0	17.52	17.74	17.48	19.00
5	16QAM	1	0	17.69	17.84	17.67	19.00
5	16QAM	1	12	17.72	17.73	17.81	19.00
5	16QAM	1	24	17.67	17.65	17.61	19.00
5	16QAM	12	0	17.83	17.77	17.78	19.00
5	16QAM	12	7	17.77	17.85	17.81	19.00
5	16QAM	12	13	17.86	17.78	17.83	19.00
5	16QAM	25	0	17.78	17.93	17.88	19.00
5	64QAM	1	0	17.74	17.75	17.90	19.00
5	64QAM	1	12	17.79	17.70	17.90	19.00
5	64QAM	1	24	17.73	17.77	17.89	19.00
5	64QAM	12	0	17.88	17.96	17.72	19.00
5	64QAM	12	7	17.65	17.79	17.80	19.00
5	64QAM	12	13	17.65	17.97	17.91	19.00
5	64QAM	25	0	17.88	17.79	17.85	19.00
5	256QAM	1	0	17.73	17.97	17.82	19.00
5	256QAM	1	12	17.65	18.05	17.79	19.00
5	256QAM	1	24	17.78	17.75	17.81	19.00
5	256QAM	12	0	17.91	17.94	17.85	19.00
5	256QAM	12	7	17.70	17.82	17.76	19.00
5	256QAM	12	13	17.79	17.77	17.93	19.00
5	256QAM	25	0	17.61	17.71	17.68	19.00

【LTE Band 7_Ant 9_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	11.81	11.90	11.83	12.90
20	QPSK	1	49	11.68	11.81	11.68	12.90
20	QPSK	1	99	11.87	11.75	11.70	12.90
20	QPSK	50	0	11.82	11.91	11.72	12.90
20	QPSK	50	24	11.70	11.67	11.63	12.90
20	QPSK	50	50	11.62	11.78	11.57	12.90
20	QPSK	100	0	11.49	11.73	11.51	12.90
20	16QAM	1	0	11.62	11.70	11.69	12.90
20	16QAM	1	49	11.57	11.66	11.69	12.90
20	16QAM	1	99	11.62	11.68	11.59	12.90
20	16QAM	50	0	11.71	11.60	11.63	12.90

20	16QAM	50	24	11.77	11.65	11.78	12.90
20	16QAM	50	50	11.72	11.77	11.70	12.90
20	16QAM	100	0	11.72	11.84	11.72	12.90
20	64QAM	1	0	11.77	11.71	11.76	12.90
20	64QAM	1	49	11.63	11.76	11.76	12.90
20	64QAM	1	99	11.74	11.90	11.83	12.90
20	64QAM	50	0	11.83	11.85	11.79	12.90
20	64QAM	50	24	11.70	11.71	11.63	12.90
20	64QAM	50	50	11.65	11.75	11.87	12.90
20	64QAM	100	0	11.72	11.71	11.73	12.90
20	256QAM	1	0	11.75	11.82	11.64	12.90
20	256QAM	1	49	11.57	11.83	11.77	12.90
20	256QAM	1	99	11.73	11.75	11.75	12.90
20	256QAM	50	0	11.72	11.81	11.72	12.90
20	256QAM	50	24	11.70	11.74	11.70	12.90
20	256QAM	50	50	11.72	11.81	11.80	12.90
20	256QAM	100	0	11.76	11.70	11.72	12.90
Channel				20825	21100	21375	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	QPSK	1	0	11.66	11.77	11.70	12.90
15	QPSK	1	37	11.59	11.76	11.63	12.90
15	QPSK	1	74	11.72	11.71	11.61	12.90
15	QPSK	36	0	11.73	11.79	11.65	12.90
15	QPSK	36	20	11.64	11.65	11.57	12.90
15	QPSK	36	39	11.59	11.74	11.51	12.90
15	QPSK	75	0	11.44	11.67	11.42	12.90
15	16QAM	1	0	11.58	11.58	11.66	12.90
15	16QAM	1	37	11.54	11.59	11.64	12.90
15	16QAM	1	74	11.51	11.66	11.54	12.90
15	16QAM	36	0	11.57	11.50	11.49	12.90
15	16QAM	36	20	11.68	11.51	11.76	12.90
15	16QAM	36	39	11.63	11.65	11.64	12.90
15	16QAM	75	0	11.64	11.74	11.68	12.90
15	64QAM	1	0	11.62	11.67	11.64	12.90
15	64QAM	1	37	11.50	11.69	11.66	12.90
15	64QAM	1	74	11.62	11.79	11.74	12.90
15	64QAM	36	0	11.81	11.79	11.65	12.90
15	64QAM	36	20	11.63	11.59	11.52	12.90
15	64QAM	36	39	11.61	11.68	11.76	12.90
15	64QAM	75	0	11.62	11.60	11.72	12.90
15	256QAM	1	0	11.65	11.81	11.55	12.90
15	256QAM	1	37	11.53	11.71	11.73	12.90
15	256QAM	1	74	11.71	11.62	11.66	12.90
15	256QAM	36	0	11.58	11.70	11.71	12.90
15	256QAM	36	20	11.68	11.63	11.56	12.90
15	256QAM	36	39	11.65	11.79	11.68	12.90
15	256QAM	75	0	11.71	11.66	11.63	12.90
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	11.71	11.89	11.79	12.90
10	QPSK	1	25	11.57	11.69	11.53	12.90
10	QPSK	1	49	11.79	11.67	11.62	12.90
10	QPSK	25	0	11.75	11.87	11.61	12.90
10	QPSK	25	12	11.64	11.62	11.51	12.90
10	QPSK	25	25	11.47	11.64	11.44	12.90
10	QPSK	50	0	11.39	11.66	11.50	12.90
10	16QAM	1	0	11.49	11.64	11.56	12.90
10	16QAM	1	25	11.44	11.63	11.55	12.90
10	16QAM	1	49	11.54	11.58	11.54	12.90
10	16QAM	25	0	11.63	11.48	11.57	12.90
10	16QAM	25	12	11.73	11.53	11.69	12.90
10	16QAM	25	25	11.59	11.65	11.67	12.90
10	16QAM	50	0	11.68	11.83	11.65	12.90
10	64QAM	1	0	11.70	11.62	11.67	12.90
10	64QAM	1	25	11.56	11.70	11.62	12.90
10	64QAM	1	49	11.68	11.83	11.79	12.90
10	64QAM	25	0	11.69	11.84	11.64	12.90
10	64QAM	25	12	11.63	11.58	11.55	12.90
10	64QAM	25	25	11.60	11.71	11.72	12.90
10	64QAM	50	0	11.60	11.65	11.60	12.90
10	256QAM	1	0	11.67	11.76	11.56	12.90
10	256QAM	1	25	11.44	11.71	11.63	12.90
10	256QAM	1	49	11.67	11.72	11.65	12.90
10	256QAM	25	0	11.63	11.68	11.59	12.90
10	256QAM	25	12	11.67	11.64	11.56	12.90
10	256QAM	25	25	11.59	11.73	11.69	12.90
10	256QAM	50	0	11.67	11.58	11.61	12.90
Channel				20775	21100	21425	Tune-up limit

Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	11.67	11.82	11.71	12.90
5	QPSK	1	12	11.56	11.78	11.64	12.90
5	QPSK	1	24	11.76	11.66	11.67	12.90
5	QPSK	12	0	11.80	11.81	11.67	12.90
5	QPSK	12	7	11.58	11.60	11.54	12.90
5	QPSK	12	13	11.54	11.65	11.51	12.90
5	QPSK	25	0	11.45	11.59	11.41	12.90
5	16QAM	1	0	11.57	11.67	11.56	12.90
5	16QAM	1	12	11.50	11.52	11.60	12.90
5	16QAM	1	24	11.58	11.65	11.48	12.90
5	16QAM	12	0	11.62	11.59	11.54	12.90
5	16QAM	12	7	11.75	11.62	11.63	12.90
5	16QAM	12	13	11.59	11.70	11.57	12.90
5	16QAM	25	0	11.68	11.69	11.70	12.90
5	64QAM	1	0	11.63	11.58	11.69	12.90
5	64QAM	1	12	11.52	11.75	11.61	12.90
5	64QAM	1	24	11.71	11.85	11.78	12.90
5	64QAM	12	0	11.78	11.80	11.77	12.90
5	64QAM	12	7	11.57	11.69	11.56	12.90
5	64QAM	12	13	11.57	11.67	11.80	12.90
5	64QAM	25	0	11.64	11.61	11.60	12.90
5	256QAM	1	0	11.64	11.74	11.60	12.90
5	256QAM	1	12	11.45	11.80	11.73	12.90
5	256QAM	1	24	11.63	11.73	11.64	12.90
5	256QAM	12	0	11.70	11.78	11.67	12.90
5	256QAM	12	7	11.66	11.68	11.57	12.90
5	256QAM	12	13	11.70	11.77	11.66	12.90
5	256QAM	25	0	11.74	11.59	11.63	12.90

【LTE Band 12_Ant 0_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23060	23095	23130	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	23.17	23.22	23.18	24.00
10	QPSK	1	25	22.86	23.03	22.88	24.00
10	QPSK	1	49	22.82	22.94	22.88	24.00
10	QPSK	25	0	22.00	22.17	22.05	23.00
10	QPSK	25	12	21.97	22.15	22.02	23.00
10	QPSK	25	25	21.94	22.09	21.97	23.00
10	QPSK	50	0	21.94	22.13	22.04	23.00
10	16QAM	1	0	22.26	22.42	22.32	23.00
10	16QAM	1	25	22.29	22.37	22.31	23.00
10	16QAM	1	49	22.33	22.43	22.35	23.00
10	16QAM	25	0	20.98	21.06	20.90	22.00
10	16QAM	25	12	21.11	21.18	21.05	22.00
10	16QAM	25	25	21.02	21.13	21.06	22.00
10	16QAM	50	0	20.98	21.10	20.98	22.00
10	64QAM	1	0	21.11	21.25	21.13	22.00
10	64QAM	1	25	21.13	21.20	21.03	22.00
10	64QAM	1	49	21.20	21.30	21.13	22.00
10	64QAM	25	0	19.94	20.06	19.88	21.00
10	64QAM	25	12	20.09	20.16	20.11	21.00
10	64QAM	25	25	19.95	20.04	19.87	21.00
10	64QAM	50	0	20.08	20.14	20.06	21.00
10	256QAM	1	0	18.03	18.13	17.96	19.00
10	256QAM	1	25	18.08	18.16	17.98	19.00
10	256QAM	1	49	17.97	18.14	18.07	19.00
10	256QAM	25	0	17.96	18.07	17.94	19.00
10	256QAM	25	12	18.07	18.16	18.09	19.00
10	256QAM	25	25	17.99	18.11	17.97	19.00
10	256QAM	50	0	17.95	18.11	18.02	19.00
Channel				23035	23095	23115	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	23.16	22.98	23.08	24.00
5	QPSK	1	12	22.98	23.01	22.85	24.00
5	QPSK	1	24	22.92	22.88	22.77	24.00
5	QPSK	12	0	22.10	22.12	22.12	23.00
5	QPSK	12	7	22.02	22.09	22.10	23.00
5	QPSK	12	13	21.96	22.03	21.97	23.00
5	QPSK	25	0	22.00	21.99	22.00	23.00

5	16QAM	1	0	22.36	22.35	22.32	23.00
5	16QAM	1	12	22.32	22.23	22.36	23.00
5	16QAM	1	24	22.32	22.28	22.32	23.00
5	16QAM	12	0	20.90	20.93	21.02	22.00
5	16QAM	12	7	21.02	21.15	21.13	22.00
5	16QAM	12	13	21.04	21.06	21.02	22.00
5	16QAM	25	0	21.03	20.95	21.00	22.00
5	64QAM	1	0	21.15	21.16	21.16	22.00
5	64QAM	1	12	21.05	21.17	21.00	22.00
5	64QAM	1	24	21.13	21.21	21.15	22.00
5	64QAM	12	0	19.84	20.03	19.95	21.00
5	64QAM	12	7	19.98	20.08	20.01	21.00
5	64QAM	12	13	19.81	20.01	19.91	21.00
5	64QAM	25	0	19.95	20.06	20.01	21.00
5	256QAM	1	0	18.04	18.08	18.12	19.00
5	256QAM	1	12	17.98	18.01	18.05	19.00
5	256QAM	1	24	17.92	18.08	18.01	19.00
5	256QAM	12	0	17.95	18.05	17.91	19.00
5	256QAM	12	7	18.13	18.10	18.02	19.00
5	256QAM	12	13	17.93	18.06	18.03	19.00
5	256QAM	25	0	17.92	18.09	18.00	19.00
Channel				23025	23095	23165	Tune-up limit
Frequency (MHz)				700.5	707.5	714.5	(dBm)
3	QPSK	1	0	23.13	23.04	23.12	24.00
3	QPSK	1	8	22.94	22.91	22.91	24.00
3	QPSK	1	14	22.82	22.86	22.86	24.00
3	QPSK	8	0	22.11	22.10	22.02	23.00
3	QPSK	8	4	22.03	22.12	22.08	23.00
3	QPSK	8	7	21.96	22.06	21.94	23.00
3	QPSK	15	0	22.06	22.06	22.03	23.00
3	16QAM	1	0	22.28	22.40	22.30	23.00
3	16QAM	1	8	22.28	22.33	22.29	23.00
3	16QAM	1	14	22.31	22.39	22.29	23.00
3	16QAM	8	0	20.89	21.03	20.96	22.00
3	16QAM	8	4	21.04	21.12	21.15	22.00
3	16QAM	8	7	21.10	21.06	21.01	22.00
3	16QAM	15	0	20.99	21.02	20.97	22.00
3	64QAM	1	0	21.17	21.24	21.16	22.00
3	64QAM	1	8	21.04	21.05	20.99	22.00
3	64QAM	1	14	21.23	21.23	21.08	22.00
3	64QAM	8	0	19.98	19.99	20.07	21.00
3	64QAM	8	4	20.02	20.14	20.06	21.00
3	64QAM	8	7	19.81	20.01	19.92	21.00
3	64QAM	15	0	20.00	20.09	19.96	21.00
3	256QAM	1	0	18.09	18.01	18.01	19.00
3	256QAM	1	8	18.03	18.02	17.99	19.00
3	256QAM	1	14	17.93	18.10	18.06	19.00
3	256QAM	8	0	17.88	18.02	17.87	19.00
3	256QAM	8	4	18.05	18.11	18.02	19.00
3	256QAM	8	7	18.02	18.03	18.05	19.00
3	256QAM	15	0	17.98	18.06	17.99	19.00
Channel				23017	23095	23173	Tune-up limit
Frequency (MHz)				699.7	707.5	715.3	(dBm)
1.4	QPSK	1	0	23.14	23.01	23.12	24.00
1.4	QPSK	1	3	22.88	23.01	22.94	24.00
1.4	QPSK	1	5	22.92	22.84	22.87	24.00
1.4	QPSK	3	0	23.12	23.11	23.05	24.00
1.4	QPSK	3	1	22.99	23.01	23.08	24.00
1.4	QPSK	3	3	22.92	23.06	22.87	24.00
1.4	QPSK	6	0	21.97	22.09	22.04	23.00
1.4	16QAM	1	0	22.33	22.38	22.30	23.00
1.4	16QAM	1	3	22.26	22.32	22.34	23.00
1.4	16QAM	1	5	22.32	22.28	22.32	23.00
1.4	16QAM	3	0	22.03	22.04	22.06	23.00
1.4	16QAM	3	1	22.03	22.04	22.02	23.00
1.4	16QAM	3	3	22.08	22.06	21.94	23.00
1.4	16QAM	6	0	21.03	21.08	20.89	22.00
1.4	64QAM	1	0	21.18	21.11	21.15	22.00
1.4	64QAM	1	3	21.10	21.16	21.09	22.00
1.4	64QAM	1	5	21.13	21.19	21.19	22.00
1.4	64QAM	3	0	20.85	20.95	21.02	22.00
1.4	64QAM	3	1	21.02	21.10	20.99	22.00
1.4	64QAM	3	3	20.91	20.89	20.91	22.00
1.4	64QAM	6	0	20.08	20.09	19.96	21.00
1.4	256QAM	1	0	18.02	18.01	18.08	19.00
1.4	256QAM	1	3	18.09	18.12	18.08	19.00
1.4	256QAM	1	5	17.92	18.10	17.97	19.00
1.4	256QAM	3	0	18.00	18.00	17.96	19.00

1.4	256QAM	3	1	18.04	18.15	18.03	19.00
1.4	256QAM	3	3	18.04	18.00	18.07	19.00
1.4	256QAM	6	0	17.93	18.09	17.94	19.00

【LTE Band 12_Ant 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	23.17	23.22	23.18	24.00
10	QPSK	1	25	22.86	23.03	22.88	24.00
10	QPSK	1	49	22.82	22.94	22.88	24.00
10	QPSK	25	0	22.00	22.17	22.05	23.00
10	QPSK	25	12	21.97	22.15	22.02	23.00
10	QPSK	25	25	21.94	22.09	21.97	23.00
10	QPSK	50	0	21.94	22.13	22.04	23.00
10	16QAM	1	0	22.26	22.42	22.32	23.00
10	16QAM	1	25	22.29	22.37	22.31	23.00
10	16QAM	1	49	22.33	22.43	22.35	23.00
10	16QAM	25	0	20.98	21.06	20.90	22.00
10	16QAM	25	12	21.11	21.18	21.05	22.00
10	16QAM	25	25	21.02	21.13	21.06	22.00
10	16QAM	50	0	20.98	21.10	20.98	22.00
10	64QAM	1	0	21.11	21.25	21.13	22.00
10	64QAM	1	25	21.13	21.20	21.03	22.00
10	64QAM	1	49	21.20	21.30	21.13	22.00
10	64QAM	25	0	19.94	20.06	19.88	21.00
10	64QAM	25	12	20.09	20.16	20.11	21.00
10	64QAM	25	25	19.95	20.04	19.87	21.00
10	64QAM	50	0	20.08	20.14	20.06	21.00
10	256QAM	1	0	18.03	18.13	17.96	19.00
10	256QAM	1	25	18.08	18.16	17.98	19.00
10	256QAM	1	49	17.97	18.14	18.07	19.00
10	256QAM	25	0	17.96	18.07	17.94	19.00
10	256QAM	25	12	18.07	18.16	18.09	19.00
10	256QAM	25	25	17.99	18.11	17.97	19.00
10	256QAM	50	0	17.95	18.11	18.02	19.00
Channel				23035	23095	23115	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	23.16	22.98	23.08	24.00
5	QPSK	1	12	22.98	23.01	22.85	24.00
5	QPSK	1	24	22.92	22.88	22.77	24.00
5	QPSK	12	0	22.10	22.12	22.12	23.00
5	QPSK	12	7	22.02	22.09	22.10	23.00
5	QPSK	12	13	21.96	22.03	21.97	23.00
5	QPSK	25	0	22.00	21.99	22.00	23.00
5	16QAM	1	0	22.36	22.35	22.32	23.00
5	16QAM	1	12	22.32	22.23	22.36	23.00
5	16QAM	1	24	22.32	22.28	22.32	23.00
5	16QAM	12	0	20.90	20.93	21.02	22.00
5	16QAM	12	7	21.02	21.15	21.13	22.00
5	16QAM	12	13	21.04	21.06	21.02	22.00
5	16QAM	25	0	21.03	20.95	21.00	22.00
5	64QAM	1	0	21.15	21.16	21.16	22.00
5	64QAM	1	12	21.05	21.17	21.00	22.00
5	64QAM	1	24	21.13	21.21	21.15	22.00
5	64QAM	12	0	19.84	20.03	19.95	21.00
5	64QAM	12	7	19.98	20.08	20.01	21.00
5	64QAM	12	13	19.81	20.01	19.91	21.00
5	64QAM	25	0	19.95	20.06	20.01	21.00
5	256QAM	1	0	18.04	18.08	18.12	19.00
5	256QAM	1	12	17.98	18.01	18.05	19.00
5	256QAM	1	24	17.92	18.08	18.01	19.00
5	256QAM	12	0	17.95	18.05	17.91	19.00
5	256QAM	12	7	18.13	18.10	18.02	19.00
5	256QAM	12	13	17.93	18.06	18.03	19.00
5	256QAM	25	0	17.92	18.09	18.00	19.00
Channel				23025	23095	23165	Tune-up limit (dBm)
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	23.13	23.04	23.12	24.00
3	QPSK	1	8	22.94	22.91	22.91	24.00
3	QPSK	1	14	22.82	22.86	22.86	24.00

3	QPSK	8	0	22.11	22.10	22.02	23.00
3	QPSK	8	4	22.03	22.12	22.08	23.00
3	QPSK	8	7	21.96	22.06	21.94	23.00
3	QPSK	15	0	22.06	22.06	22.03	23.00
3	16QAM	1	0	22.28	22.40	22.30	23.00
3	16QAM	1	8	22.28	22.33	22.29	23.00
3	16QAM	1	14	22.31	22.39	22.29	23.00
3	16QAM	8	0	20.89	21.03	20.96	22.00
3	16QAM	8	4	21.04	21.12	21.15	22.00
3	16QAM	8	7	21.10	21.06	21.01	22.00
3	16QAM	15	0	20.99	21.02	20.97	22.00
3	64QAM	1	0	21.17	21.24	21.16	22.00
3	64QAM	1	8	21.04	21.05	20.99	22.00
3	64QAM	1	14	21.23	21.23	21.08	22.00
3	64QAM	8	0	19.98	19.99	20.07	21.00
3	64QAM	8	4	20.02	20.14	20.06	21.00
3	64QAM	8	7	19.81	20.01	19.92	21.00
3	64QAM	15	0	20.00	20.09	19.96	21.00
3	256QAM	1	0	18.09	18.01	18.01	19.00
3	256QAM	1	8	18.03	18.02	17.99	19.00
3	256QAM	1	14	17.93	18.10	18.06	19.00
3	256QAM	8	0	17.88	18.02	17.87	19.00
3	256QAM	8	4	18.05	18.11	18.02	19.00
3	256QAM	8	7	18.02	18.03	18.05	19.00
3	256QAM	15	0	17.98	18.06	17.99	19.00
Channel				23017	23095	23173	Tune-up limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	23.14	23.01	23.12	24.00
1.4	QPSK	1	3	22.88	23.01	22.94	24.00
1.4	QPSK	1	5	22.92	22.84	22.87	24.00
1.4	QPSK	3	0	23.12	23.11	23.05	24.00
1.4	QPSK	3	1	22.99	23.01	23.08	24.00
1.4	QPSK	3	3	22.92	23.06	22.87	24.00
1.4	QPSK	6	0	21.97	22.09	22.04	23.00
1.4	16QAM	1	0	22.33	22.38	22.30	23.00
1.4	16QAM	1	3	22.26	22.32	22.34	23.00
1.4	16QAM	1	5	22.32	22.28	22.32	23.00
1.4	16QAM	3	0	22.03	22.04	22.06	23.00
1.4	16QAM	3	1	22.03	22.04	22.02	23.00
1.4	16QAM	3	3	22.08	22.06	21.94	23.00
1.4	16QAM	6	0	21.03	21.08	20.89	22.00
1.4	64QAM	1	0	21.18	21.11	21.15	22.00
1.4	64QAM	1	3	21.10	21.16	21.09	22.00
1.4	64QAM	1	5	21.13	21.19	21.19	22.00
1.4	64QAM	3	0	20.85	20.95	21.02	22.00
1.4	64QAM	3	1	21.02	21.10	20.99	22.00
1.4	64QAM	3	3	20.91	20.89	20.91	22.00
1.4	64QAM	6	0	20.08	20.09	19.96	21.00
1.4	256QAM	1	0	18.02	18.01	18.08	19.00
1.4	256QAM	1	3	18.09	18.12	18.08	19.00
1.4	256QAM	1	5	17.92	18.10	17.97	19.00
1.4	256QAM	3	0	18.00	18.00	17.96	19.00
1.4	256QAM	3	1	18.04	18.15	18.03	19.00
1.4	256QAM	3	3	18.04	18.00	18.07	19.00
1.4	256QAM	6	0	17.93	18.09	17.94	19.00

【LTE Band 12_Ant 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	
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	23.17	23.22	23.18	24.00
10	QPSK	1	25	22.86	23.03	22.88	24.00
10	QPSK	1	49	22.82	22.94	22.88	24.00
10	QPSK	25	0	22.00	22.17	22.05	23.00
10	QPSK	25	12	21.97	22.15	22.02	23.00
10	QPSK	25	25	21.94	22.09	21.97	23.00
10	QPSK	50	0	21.94	22.13	22.04	23.00
10	16QAM	1	0	22.26	22.42	22.32	23.00
10	16QAM	1	25	22.29	22.37	22.31	23.00
10	16QAM	1	49	22.33	22.43	22.35	23.00
10	16QAM	25	0	20.98	21.06	20.90	22.00

10	16QAM	25	12	21.11	21.18	21.05	22.00
10	16QAM	25	25	21.02	21.13	21.06	22.00
10	16QAM	50	0	20.98	21.10	20.98	22.00
10	64QAM	1	0	21.11	21.25	21.13	22.00
10	64QAM	1	25	21.13	21.20	21.03	22.00
10	64QAM	1	49	21.20	21.30	21.13	22.00
10	64QAM	25	0	19.94	20.06	19.88	21.00
10	64QAM	25	12	20.09	20.16	20.11	21.00
10	64QAM	25	25	19.95	20.04	19.87	21.00
10	64QAM	50	0	20.08	20.14	20.06	21.00
10	256QAM	1	0	18.03	18.13	17.96	19.00
10	256QAM	1	25	18.08	18.16	17.98	19.00
10	256QAM	1	49	17.97	18.14	18.07	19.00
10	256QAM	25	0	17.96	18.07	17.94	19.00
10	256QAM	25	12	18.07	18.16	18.09	19.00
10	256QAM	25	25	17.99	18.11	17.97	19.00
10	256QAM	50	0	17.95	18.11	18.02	19.00
Channel				23035	23095	23115	Tune-up limit
Frequency (MHz)				701.5	707.5	713.5	(dBm)
5	QPSK	1	0	23.16	22.98	23.08	24.00
5	QPSK	1	12	22.98	23.01	22.85	24.00
5	QPSK	1	24	22.92	22.88	22.77	24.00
5	QPSK	12	0	22.10	22.12	22.12	23.00
5	QPSK	12	7	22.02	22.09	22.10	23.00
5	QPSK	12	13	21.96	22.03	21.97	23.00
5	QPSK	25	0	22.00	21.99	22.00	23.00
5	16QAM	1	0	22.36	22.35	22.32	23.00
5	16QAM	1	12	22.32	22.23	22.36	23.00
5	16QAM	1	24	22.32	22.28	22.32	23.00
5	16QAM	12	0	20.90	20.93	21.02	22.00
5	16QAM	12	7	21.02	21.15	21.13	22.00
5	16QAM	12	13	21.04	21.06	21.02	22.00
5	16QAM	25	0	21.03	20.95	21.00	22.00
5	64QAM	1	0	21.15	21.16	21.16	22.00
5	64QAM	1	12	21.05	21.17	21.00	22.00
5	64QAM	1	24	21.13	21.21	21.15	22.00
5	64QAM	12	0	19.84	20.03	19.95	21.00
5	64QAM	12	7	19.98	20.08	20.01	21.00
5	64QAM	12	13	19.81	20.01	19.91	21.00
5	64QAM	25	0	19.95	20.06	20.01	21.00
5	256QAM	1	0	18.04	18.08	18.12	19.00
5	256QAM	1	12	17.98	18.01	18.05	19.00
5	256QAM	1	24	17.92	18.08	18.01	19.00
5	256QAM	12	0	17.95	18.05	17.91	19.00
5	256QAM	12	7	18.13	18.10	18.02	19.00
5	256QAM	12	13	17.93	18.06	18.03	19.00
5	256QAM	25	0	17.92	18.09	18.00	19.00
Channel				23025	23095	23165	Tune-up limit
Frequency (MHz)				700.5	707.5	714.5	(dBm)
3	QPSK	1	0	23.13	23.04	23.12	24.00
3	QPSK	1	8	22.94	22.91	22.91	24.00
3	QPSK	1	14	22.82	22.86	22.86	24.00
3	QPSK	8	0	22.11	22.10	22.02	23.00
3	QPSK	8	4	22.03	22.12	22.08	23.00
3	QPSK	8	7	21.96	22.06	21.94	23.00
3	QPSK	15	0	22.06	22.06	22.03	23.00
3	16QAM	1	0	22.28	22.40	22.30	23.00
3	16QAM	1	8	22.28	22.33	22.29	23.00
3	16QAM	1	14	22.31	22.39	22.29	23.00
3	16QAM	8	0	20.89	21.03	20.96	22.00
3	16QAM	8	4	21.04	21.12	21.15	22.00
3	16QAM	8	7	21.10	21.06	21.01	22.00
3	16QAM	15	0	20.99	21.02	20.97	22.00
3	64QAM	1	0	21.17	21.24	21.16	22.00
3	64QAM	1	8	21.04	21.05	20.99	22.00
3	64QAM	1	14	21.23	21.23	21.08	22.00
3	64QAM	8	0	19.98	19.99	20.07	21.00
3	64QAM	8	4	20.02	20.14	20.06	21.00
3	64QAM	8	7	19.81	20.01	19.92	21.00
3	64QAM	15	0	20.00	20.09	19.96	21.00
3	256QAM	1	0	18.09	18.01	18.01	19.00
3	256QAM	1	8	18.03	18.02	17.99	19.00
3	256QAM	1	14	17.93	18.10	18.06	19.00
3	256QAM	8	0	17.88	18.02	17.87	19.00
3	256QAM	8	4	18.05	18.11	18.02	19.00
3	256QAM	8	7	18.02	18.03	18.05	19.00
3	256QAM	15	0	17.98	18.06	17.99	19.00
Channel				23017	23095	23173	Tune-up limit

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

【LTE Band 12_Ant 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	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	23.17	23.22	23.18	24.00
10	QPSK	1	25	22.86	23.03	22.88	24.00
10	QPSK	1	49	22.82	22.94	22.88	24.00
10	QPSK	25	0	22.00	22.17	22.05	23.00
10	QPSK	25	12	21.97	22.15	22.02	23.00
10	QPSK	25	25	21.94	22.09	21.97	23.00
10	QPSK	50	0	21.94	22.13	22.04	23.00
10	16QAM	1	0	22.26	22.42	22.32	23.00
10	16QAM	1	25	22.29	22.37	22.31	23.00
10	16QAM	1	49	22.33	22.43	22.35	23.00
10	16QAM	25	0	20.98	21.06	20.90	22.00
10	16QAM	25	12	21.11	21.18	21.05	22.00
10	16QAM	25	25	21.02	21.13	21.06	22.00
10	16QAM	50	0	20.98	21.10	20.98	22.00
10	64QAM	1	0	21.11	21.25	21.13	22.00
10	64QAM	1	25	21.13	21.20	21.03	22.00
10	64QAM	1	49	21.20	21.30	21.13	22.00
10	64QAM	25	0	19.94	20.06	19.88	21.00
10	64QAM	25	12	20.09	20.16	20.11	21.00
10	64QAM	25	25	19.95	20.04	19.87	21.00
10	64QAM	50	0	20.08	20.14	20.06	21.00
10	256QAM	1	0	18.03	18.13	17.96	19.00
10	256QAM	1	25	18.08	18.16	17.98	19.00
10	256QAM	1	49	17.97	18.14	18.07	19.00
10	256QAM	25	0	17.96	18.07	17.94	19.00
10	256QAM	25	12	18.07	18.16	18.09	19.00
10	256QAM	25	25	17.99	18.11	17.97	19.00
10	256QAM	50	0	17.95	18.11	18.02	19.00
Channel				23035	23095	23115	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	23.16	22.98	23.08	24.00
5	QPSK	1	12	22.98	23.01	22.85	24.00
5	QPSK	1	24	22.92	22.88	22.77	24.00
5	QPSK	12	0	22.10	22.12	22.12	23.00
5	QPSK	12	7	22.02	22.09	22.10	23.00
5	QPSK	12	13	21.96	22.03	21.97	23.00
5	QPSK	25	0	22.00	21.99	22.00	23.00

5	16QAM	1	0	22.36	22.35	22.32	23.00
5	16QAM	1	12	22.32	22.23	22.36	23.00
5	16QAM	1	24	22.32	22.28	22.32	23.00
5	16QAM	12	0	20.90	20.93	21.02	22.00
5	16QAM	12	7	21.02	21.15	21.13	22.00
5	16QAM	12	13	21.04	21.06	21.02	22.00
5	16QAM	25	0	21.03	20.95	21.00	22.00
5	64QAM	1	0	21.15	21.16	21.16	22.00
5	64QAM	1	12	21.05	21.17	21.00	22.00
5	64QAM	1	24	21.13	21.21	21.15	22.00
5	64QAM	12	0	19.84	20.03	19.95	21.00
5	64QAM	12	7	19.98	20.08	20.01	21.00
5	64QAM	12	13	19.81	20.01	19.91	21.00
5	64QAM	25	0	19.95	20.06	20.01	21.00
5	256QAM	1	0	18.04	18.08	18.12	19.00
5	256QAM	1	12	17.98	18.01	18.05	19.00
5	256QAM	1	24	17.92	18.08	18.01	19.00
5	256QAM	12	0	17.95	18.05	17.91	19.00
5	256QAM	12	7	18.13	18.10	18.02	19.00
5	256QAM	12	13	17.93	18.06	18.03	19.00
5	256QAM	25	0	17.92	18.09	18.00	19.00
Channel				23025	23095	23165	Tune-up limit
Frequency (MHz)				700.5	707.5	714.5	(dBm)
3	QPSK	1	0	23.13	23.04	23.12	24.00
3	QPSK	1	8	22.94	22.91	22.91	24.00
3	QPSK	1	14	22.82	22.86	22.86	24.00
3	QPSK	8	0	22.11	22.10	22.02	23.00
3	QPSK	8	4	22.03	22.12	22.08	23.00
3	QPSK	8	7	21.96	22.06	21.94	23.00
3	QPSK	15	0	22.06	22.06	22.03	23.00
3	16QAM	1	0	22.28	22.40	22.30	23.00
3	16QAM	1	8	22.28	22.33	22.29	23.00
3	16QAM	1	14	22.31	22.39	22.29	23.00
3	16QAM	8	0	20.89	21.03	20.96	22.00
3	16QAM	8	4	21.04	21.12	21.15	22.00
3	16QAM	8	7	21.10	21.06	21.01	22.00
3	16QAM	15	0	20.99	21.02	20.97	22.00
3	64QAM	1	0	21.17	21.24	21.16	22.00
3	64QAM	1	8	21.04	21.05	20.99	22.00
3	64QAM	1	14	21.23	21.23	21.08	22.00
3	64QAM	8	0	19.98	19.99	20.07	21.00
3	64QAM	8	4	20.02	20.14	20.06	21.00
3	64QAM	8	7	19.81	20.01	19.92	21.00
3	64QAM	15	0	20.00	20.09	19.96	21.00
3	256QAM	1	0	18.09	18.01	18.01	19.00
3	256QAM	1	8	18.03	18.02	17.99	19.00
3	256QAM	1	14	17.93	18.10	18.06	19.00
3	256QAM	8	0	17.88	18.02	17.87	19.00
3	256QAM	8	4	18.05	18.11	18.02	19.00
3	256QAM	8	7	18.02	18.03	18.05	19.00
3	256QAM	15	0	17.98	18.06	17.99	19.00
Channel				23017	23095	23173	Tune-up limit
Frequency (MHz)				699.7	707.5	715.3	(dBm)
1.4	QPSK	1	0	23.14	23.01	23.12	24.00
1.4	QPSK	1	3	22.88	23.01	22.94	24.00
1.4	QPSK	1	5	22.92	22.84	22.87	24.00
1.4	QPSK	3	0	23.12	23.11	23.05	24.00
1.4	QPSK	3	1	22.99	23.01	23.08	24.00
1.4	QPSK	3	3	22.92	23.06	22.87	24.00
1.4	QPSK	6	0	21.97	22.09	22.04	23.00
1.4	16QAM	1	0	22.33	22.38	22.30	23.00
1.4	16QAM	1	3	22.26	22.32	22.34	23.00
1.4	16QAM	1	5	22.32	22.28	22.32	23.00
1.4	16QAM	3	0	22.03	22.04	22.06	23.00
1.4	16QAM	3	1	22.03	22.04	22.02	23.00
1.4	16QAM	3	3	22.08	22.06	21.94	23.00
1.4	16QAM	6	0	21.03	21.08	20.89	22.00
1.4	64QAM	1	0	21.18	21.11	21.15	22.00
1.4	64QAM	1	3	21.10	21.16	21.09	22.00
1.4	64QAM	1	5	21.13	21.19	21.19	22.00
1.4	64QAM	3	0	20.85	20.95	21.02	22.00
1.4	64QAM	3	1	21.02	21.10	20.99	22.00
1.4	64QAM	3	3	20.91	20.89	20.91	22.00
1.4	64QAM	6	0	20.08	20.09	19.96	21.00
1.4	256QAM	1	0	18.02	18.01	18.08	19.00
1.4	256QAM	1	3	18.09	18.12	18.08	19.00
1.4	256QAM	1	5	17.92	18.10	17.97	19.00
1.4	256QAM	3	0	18.00	18.00	17.96	19.00

1.4	256QAM	3	1	18.04	18.15	18.03	19.00
1.4	256QAM	3	3	18.04	18.00	18.07	19.00
1.4	256QAM	6	0	17.93	18.09	17.94	19.00

【LTE Band 12_Ant 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	23.17	23.22	23.18	24.00
10	QPSK	1	25	22.86	23.03	22.88	24.00
10	QPSK	1	49	22.82	22.94	22.88	24.00
10	QPSK	25	0	22.00	22.17	22.05	23.00
10	QPSK	25	12	21.97	22.15	22.02	23.00
10	QPSK	25	25	21.94	22.09	21.97	23.00
10	QPSK	50	0	21.94	22.13	22.04	23.00
10	16QAM	1	0	22.26	22.42	22.32	23.00
10	16QAM	1	25	22.29	22.37	22.31	23.00
10	16QAM	1	49	22.33	22.43	22.35	23.00
10	16QAM	25	0	20.98	21.06	20.90	22.00
10	16QAM	25	12	21.11	21.18	21.05	22.00
10	16QAM	25	25	21.02	21.13	21.06	22.00
10	16QAM	50	0	20.98	21.10	20.98	22.00
10	64QAM	1	0	21.11	21.25	21.13	22.00
10	64QAM	1	25	21.13	21.20	21.03	22.00
10	64QAM	1	49	21.20	21.30	21.13	22.00
10	64QAM	25	0	19.94	20.06	19.88	21.00
10	64QAM	25	12	20.09	20.16	20.11	21.00
10	64QAM	25	25	19.95	20.04	19.87	21.00
10	64QAM	50	0	20.08	20.14	20.06	21.00
10	256QAM	1	0	18.03	18.13	17.96	19.00
10	256QAM	1	25	18.08	18.16	17.98	19.00
10	256QAM	1	49	17.97	18.14	18.07	19.00
10	256QAM	25	0	17.96	18.07	17.94	19.00
10	256QAM	25	12	18.07	18.16	18.09	19.00
10	256QAM	25	25	17.99	18.11	17.97	19.00
10	256QAM	50	0	17.95	18.11	18.02	19.00
Channel				23035	23095	23115	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	23.16	22.98	23.08	24.00
5	QPSK	1	12	22.98	23.01	22.85	24.00
5	QPSK	1	24	22.92	22.88	22.77	24.00
5	QPSK	12	0	22.10	22.12	22.12	23.00
5	QPSK	12	7	22.02	22.09	22.10	23.00
5	QPSK	12	13	21.96	22.03	21.97	23.00
5	QPSK	25	0	22.00	21.99	22.00	23.00
5	16QAM	1	0	22.36	22.35	22.32	23.00
5	16QAM	1	12	22.32	22.23	22.36	23.00
5	16QAM	1	24	22.32	22.28	22.32	23.00
5	16QAM	12	0	20.90	20.93	21.02	22.00
5	16QAM	12	7	21.02	21.15	21.13	22.00
5	16QAM	12	13	21.04	21.06	21.02	22.00
5	16QAM	25	0	21.03	20.95	21.00	22.00
5	64QAM	1	0	21.15	21.16	21.16	22.00
5	64QAM	1	12	21.05	21.17	21.00	22.00
5	64QAM	1	24	21.13	21.21	21.15	22.00
5	64QAM	12	0	19.84	20.03	19.95	21.00
5	64QAM	12	7	19.98	20.08	20.01	21.00
5	64QAM	12	13	19.81	20.01	19.91	21.00
5	64QAM	25	0	19.95	20.06	20.01	21.00
5	256QAM	1	0	18.04	18.08	18.12	19.00
5	256QAM	1	12	17.98	18.01	18.05	19.00
5	256QAM	1	24	17.92	18.08	18.01	19.00
5	256QAM	12	0	17.95	18.05	17.91	19.00
5	256QAM	12	7	18.13	18.10	18.02	19.00
5	256QAM	12	13	17.93	18.06	18.03	19.00
5	256QAM	25	0	17.92	18.09	18.00	19.00
Channel				23025	23095	23165	Tune-up limit (dBm)
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	23.13	23.04	23.12	24.00
3	QPSK	1	8	22.94	22.91	22.91	24.00
3	QPSK	1	14	22.82	22.86	22.86	24.00

3	QPSK	8	0	22.11	22.10	22.02	23.00
3	QPSK	8	4	22.03	22.12	22.08	23.00
3	QPSK	8	7	21.96	22.06	21.94	23.00
3	QPSK	15	0	22.06	22.06	22.03	23.00
3	16QAM	1	0	22.28	22.40	22.30	23.00
3	16QAM	1	8	22.28	22.33	22.29	23.00
3	16QAM	1	14	22.31	22.39	22.29	23.00
3	16QAM	8	0	20.89	21.03	20.96	22.00
3	16QAM	8	4	21.04	21.12	21.15	22.00
3	16QAM	8	7	21.10	21.06	21.01	22.00
3	16QAM	15	0	20.99	21.02	20.97	22.00
3	64QAM	1	0	21.17	21.24	21.16	22.00
3	64QAM	1	8	21.04	21.05	20.99	22.00
3	64QAM	1	14	21.23	21.23	21.08	22.00
3	64QAM	8	0	19.98	19.99	20.07	21.00
3	64QAM	8	4	20.02	20.14	20.06	21.00
3	64QAM	8	7	19.81	20.01	19.92	21.00
3	64QAM	15	0	20.00	20.09	19.96	21.00
3	256QAM	1	0	18.09	18.01	18.01	19.00
3	256QAM	1	8	18.03	18.02	17.99	19.00
3	256QAM	1	14	17.93	18.10	18.06	19.00
3	256QAM	8	0	17.88	18.02	17.87	19.00
3	256QAM	8	4	18.05	18.11	18.02	19.00
3	256QAM	8	7	18.02	18.03	18.05	19.00
3	256QAM	15	0	17.98	18.06	17.99	19.00
Channel				23017	23095	23173	Tune-up limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	23.14	23.01	23.12	24.00
1.4	QPSK	1	3	22.88	23.01	22.94	24.00
1.4	QPSK	1	5	22.92	22.84	22.87	24.00
1.4	QPSK	3	0	23.12	23.11	23.05	24.00
1.4	QPSK	3	1	22.99	23.01	23.08	24.00
1.4	QPSK	3	3	22.92	23.06	22.87	24.00
1.4	QPSK	6	0	21.97	22.09	22.04	23.00
1.4	16QAM	1	0	22.33	22.38	22.30	23.00
1.4	16QAM	1	3	22.26	22.32	22.34	23.00
1.4	16QAM	1	5	22.32	22.28	22.32	23.00
1.4	16QAM	3	0	22.03	22.04	22.06	23.00
1.4	16QAM	3	1	22.03	22.04	22.02	23.00
1.4	16QAM	3	3	22.08	22.06	21.94	23.00
1.4	16QAM	6	0	21.03	21.08	20.89	22.00
1.4	64QAM	1	0	21.18	21.11	21.15	22.00
1.4	64QAM	1	3	21.10	21.16	21.09	22.00
1.4	64QAM	1	5	21.13	21.19	21.19	22.00
1.4	64QAM	3	0	20.85	20.95	21.02	22.00
1.4	64QAM	3	1	21.02	21.10	20.99	22.00
1.4	64QAM	3	3	20.91	20.89	20.91	22.00
1.4	64QAM	6	0	20.08	20.09	19.96	21.00
1.4	256QAM	1	0	18.02	18.01	18.08	19.00
1.4	256QAM	1	3	18.09	18.12	18.08	19.00
1.4	256QAM	1	5	17.92	18.10	17.97	19.00
1.4	256QAM	3	0	18.00	18.00	17.96	19.00
1.4	256QAM	3	1	18.04	18.15	18.03	19.00
1.4	256QAM	3	3	18.04	18.00	18.07	19.00
1.4	256QAM	6	0	17.93	18.09	17.94	19.00

【LTE Band 12_Ant 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	
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	23.17	23.22	23.18	24.00
10	QPSK	1	25	22.86	23.03	22.88	24.00
10	QPSK	1	49	22.82	22.94	22.88	24.00
10	QPSK	25	0	22.00	22.17	22.05	23.00
10	QPSK	25	12	21.97	22.15	22.02	23.00
10	QPSK	25	25	21.94	22.09	21.97	23.00
10	QPSK	50	0	21.94	22.13	22.04	23.00
10	16QAM	1	0	22.26	22.42	22.32	23.00
10	16QAM	1	25	22.29	22.37	22.31	23.00
10	16QAM	1	49	22.33	22.43	22.35	23.00
10	16QAM	25	0	20.98	21.06	20.90	22.00

10	16QAM	25	12	21.11	21.18	21.05	22.00
10	16QAM	25	25	21.02	21.13	21.06	22.00
10	16QAM	50	0	20.98	21.10	20.98	22.00
10	64QAM	1	0	21.11	21.25	21.13	22.00
10	64QAM	1	25	21.13	21.20	21.03	22.00
10	64QAM	1	49	21.20	21.30	21.13	22.00
10	64QAM	25	0	19.94	20.06	19.88	21.00
10	64QAM	25	12	20.09	20.16	20.11	21.00
10	64QAM	25	25	19.95	20.04	19.87	21.00
10	64QAM	50	0	20.08	20.14	20.06	21.00
10	256QAM	1	0	18.03	18.13	17.96	19.00
10	256QAM	1	25	18.08	18.16	17.98	19.00
10	256QAM	1	49	17.97	18.14	18.07	19.00
10	256QAM	25	0	17.96	18.07	17.94	19.00
10	256QAM	25	12	18.07	18.16	18.09	19.00
10	256QAM	25	25	17.99	18.11	17.97	19.00
10	256QAM	50	0	17.95	18.11	18.02	19.00
Channel				23035	23095	23115	Tune-up limit
Frequency (MHz)				701.5	707.5	713.5	(dBm)
5	QPSK	1	0	23.16	22.98	23.08	24.00
5	QPSK	1	12	22.98	23.01	22.85	24.00
5	QPSK	1	24	22.92	22.88	22.77	24.00
5	QPSK	12	0	22.10	22.12	22.12	23.00
5	QPSK	12	7	22.02	22.09	22.10	23.00
5	QPSK	12	13	21.96	22.03	21.97	23.00
5	QPSK	25	0	22.00	21.99	22.00	23.00
5	16QAM	1	0	22.36	22.35	22.32	23.00
5	16QAM	1	12	22.32	22.23	22.36	23.00
5	16QAM	1	24	22.32	22.28	22.32	23.00
5	16QAM	12	0	20.90	20.93	21.02	22.00
5	16QAM	12	7	21.02	21.15	21.13	22.00
5	16QAM	12	13	21.04	21.06	21.02	22.00
5	16QAM	25	0	21.03	20.95	21.00	22.00
5	64QAM	1	0	21.15	21.16	21.16	22.00
5	64QAM	1	12	21.05	21.17	21.00	22.00
5	64QAM	1	24	21.13	21.21	21.15	22.00
5	64QAM	12	0	19.84	20.03	19.95	21.00
5	64QAM	12	7	19.98	20.08	20.01	21.00
5	64QAM	12	13	19.81	20.01	19.91	21.00
5	64QAM	25	0	19.95	20.06	20.01	21.00
5	256QAM	1	0	18.04	18.08	18.12	19.00
5	256QAM	1	12	17.98	18.01	18.05	19.00
5	256QAM	1	24	17.92	18.08	18.01	19.00
5	256QAM	12	0	17.95	18.05	17.91	19.00
5	256QAM	12	7	18.13	18.10	18.02	19.00
5	256QAM	12	13	17.93	18.06	18.03	19.00
5	256QAM	25	0	17.92	18.09	18.00	19.00
Channel				23025	23095	23165	Tune-up limit
Frequency (MHz)				700.5	707.5	714.5	(dBm)
3	QPSK	1	0	23.13	23.04	23.12	24.00
3	QPSK	1	8	22.94	22.91	22.91	24.00
3	QPSK	1	14	22.82	22.86	22.86	24.00
3	QPSK	8	0	22.11	22.10	22.02	23.00
3	QPSK	8	4	22.03	22.12	22.08	23.00
3	QPSK	8	7	21.96	22.06	21.94	23.00
3	QPSK	15	0	22.06	22.06	22.03	23.00
3	16QAM	1	0	22.28	22.40	22.30	23.00
3	16QAM	1	8	22.28	22.33	22.29	23.00
3	16QAM	1	14	22.31	22.39	22.29	23.00
3	16QAM	8	0	20.89	21.03	20.96	22.00
3	16QAM	8	4	21.04	21.12	21.15	22.00
3	16QAM	8	7	21.10	21.06	21.01	22.00
3	16QAM	15	0	20.99	21.02	20.97	22.00
3	64QAM	1	0	21.17	21.24	21.16	22.00
3	64QAM	1	8	21.04	21.05	20.99	22.00
3	64QAM	1	14	21.23	21.23	21.08	22.00
3	64QAM	8	0	19.98	19.99	20.07	21.00
3	64QAM	8	4	20.02	20.14	20.06	21.00
3	64QAM	8	7	19.81	20.01	19.92	21.00
3	64QAM	15	0	20.00	20.09	19.96	21.00
3	256QAM	1	0	18.09	18.01	18.01	19.00
3	256QAM	1	8	18.03	18.02	17.99	19.00
3	256QAM	1	14	17.93	18.10	18.06	19.00
3	256QAM	8	0	17.88	18.02	17.87	19.00
3	256QAM	8	4	18.05	18.11	18.02	19.00
3	256QAM	8	7	18.02	18.03	18.05	19.00
3	256QAM	15	0	17.98	18.06	17.99	19.00
Channel				23017	23095	23173	Tune-up limit