

Appendix E. Output Power Measurement

<GSM Conducted Power>

【GSM850_Ant 0_Default】

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	32.80	32.78	32.89	34.00	23.80	23.78	23.89	25.00
GPRS 1 Tx slot	32.81	32.82	32.94	34.00	23.81	23.82	23.94	25.00
GPRS 2 Tx slots	29.89	29.95	30.03	31.00	23.89	23.95	24.03	25.00
GPRS 3 Tx slots	28.37	28.58	27.94	29.20	24.11	24.32	23.68	24.94
GPRS 4 Tx slots	26.81	27.41	26.92	28.00	23.81	24.41	23.92	25.00
EDGE 1 Tx slot	26.64	26.21	26.41	28.00	17.64	17.21	17.41	19.00
EDGE 2 Tx slots	23.92	24.46	24.13	25.00	17.92	18.46	18.13	19.00
EDGE 3 Tx slots	22.25	22.63	22.26	23.20	17.99	18.37	18.00	18.94
EDGE 4 Tx slots	20.91	21.25	20.95	22.00	17.91	18.25	17.95	19.00

【GSM850_Ant 0_DSI1】

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	32.80	32.78	32.89	34.00	23.80	23.78	23.89	25.00
GPRS 1 Tx slot	32.81	32.82	32.94	34.00	23.81	23.82	23.94	25.00
GPRS 2 Tx slots	29.89	29.95	30.03	31.00	23.89	23.95	24.03	25.00
GPRS 3 Tx slots	28.37	28.58	27.94	29.20	24.11	24.32	23.68	24.94
GPRS 4 Tx slots	26.81	27.41	26.92	28.00	23.81	24.41	23.92	25.00
EDGE 1 Tx slot	26.64	26.21	26.41	28.00	17.64	17.21	17.41	19.00
EDGE 2 Tx slots	23.92	24.46	24.13	25.00	17.92	18.46	18.13	19.00
EDGE 3 Tx slots	22.25	22.63	22.26	23.20	17.99	18.37	18.00	18.94
EDGE 4 Tx slots	20.91	21.25	20.95	22.00	17.91	18.25	17.95	19.00

【GSM850_Ant 0_DSI3】

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	32.80	32.78	32.89	34.00	23.80	23.78	23.89	25.00
GPRS 1 Tx slot	32.81	32.82	32.94	34.00	23.81	23.82	23.94	25.00
GPRS 2 Tx slots	29.89	29.95	30.03	31.00	23.89	23.95	24.03	25.00
GPRS 3 Tx slots	28.37	28.58	27.94	29.20	24.11	24.32	23.68	24.94
GPRS 4 Tx slots	26.81	27.41	26.92	28.00	23.81	24.41	23.92	25.00
EDGE 1 Tx slot	26.64	26.21	26.41	28.00	17.64	17.21	17.41	19.00
EDGE 2 Tx slots	23.92	24.46	24.13	25.00	17.92	18.46	18.13	19.00
EDGE 3 Tx slots	22.25	22.63	22.26	23.20	17.99	18.37	18.00	18.94
EDGE 4 Tx slots	20.91	21.25	20.95	22.00	17.91	18.25	17.95	19.00

【GSM850_Ant 0_DSI4】

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	32.80	32.78	32.89	34.00	23.80	23.78	23.89	25.00
GPRS 1 Tx slot	32.81	32.82	32.94	34.00	23.81	23.82	23.94	25.00
GPRS 2 Tx slots	29.89	29.95	30.03	31.00	23.89	23.95	24.03	25.00
GPRS 3 Tx slots	28.37	28.58	27.94	29.20	24.11	24.32	23.68	24.94
GPRS 4 Tx slots	26.81	27.41	26.92	28.00	23.81	24.41	23.92	25.00
EDGE 1 Tx slot	26.64	26.21	26.41	28.00	17.64	17.21	17.41	19.00
EDGE 2 Tx slots	23.92	24.46	24.13	25.00	17.92	18.46	18.13	19.00
EDGE 3 Tx slots	22.25	22.63	22.26	23.20	17.99	18.37	18.00	18.94
EDGE 4 Tx slots	20.91	21.25	20.95	22.00	17.91	18.25	17.95	19.00

【GSM850_Ant 0_DSI5】

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	32.80	32.78	32.89	34.00	23.80	23.78	23.89	25.00
GPRS 1 Tx slot	32.81	32.82	32.94	34.00	23.81	23.82	23.94	25.00
GPRS 2 Tx slots	29.89	29.95	30.03	31.00	23.89	23.95	24.03	25.00
GPRS 3 Tx slots	28.37	28.58	27.94	29.20	24.11	24.32	23.68	24.94
GPRS 4 Tx slots	26.81	27.41	26.92	28.00	23.81	24.41	23.92	25.00
EDGE 1 Tx slot	26.64	26.21	26.41	28.00	17.64	17.21	17.41	19.00
EDGE 2 Tx slots	23.92	24.46	24.13	25.00	17.92	18.46	18.13	19.00
EDGE 3 Tx slots	22.25	22.63	22.26	23.20	17.99	18.37	18.00	18.94
EDGE 4 Tx slots	20.91	21.25	20.95	22.00	17.91	18.25	17.95	19.00

【GSM850_Ant 1_Default】

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	32.51	32.15	32.58	34.00	23.51	23.15	23.58	25.00
GPRS 1 Tx slot	32.52	32.17	32.62	34.00	23.52	23.17	23.62	25.00
GPRS 2 Tx slots	29.56	29.72	29.71	31.00	23.56	23.72	23.71	25.00
GPRS 3 Tx slots	27.55	27.51	27.41	29.20	23.29	23.25	23.15	24.94
GPRS 4 Tx slots	26.04	26.37	26.34	28.00	23.04	23.37	23.34	25.00
EDGE 1 Tx slot	26.18	25.87	26.24	28.50	17.18	16.87	17.24	19.50
EDGE 2 Tx slots	23.65	23.65	23.76	25.50	17.65	17.65	17.76	19.50
EDGE 3 Tx slots	21.84	21.85	21.71	23.70	17.58	17.59	17.45	19.44
EDGE 4 Tx slots	20.57	20.54	20.41	22.50	17.57	17.54	17.41	19.50

【GSM850_Ant 1_DSI1】

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	30.45	30.48	30.55	32.00	21.45	21.48	21.55	23.00
GPRS 1 Tx slot	30.51	30.53	30.66	32.00	21.51	21.53	21.66	23.00
GPRS 2 Tx slots	27.50	27.54	27.75	29.00	21.50	21.54	21.75	23.00
GPRS 3 Tx slots	25.54	25.57	25.35	27.20	21.28	21.31	21.09	22.94
GPRS 4 Tx slots	24.54	24.57	24.48	26.00	21.54	21.57	21.48	23.00
EDGE 1 Tx slot	26.18	25.87	26.24	28.50	17.18	16.87	17.24	19.50
EDGE 2 Tx slots	23.65	23.65	23.76	25.50	17.65	17.65	17.76	19.50
EDGE 3 Tx slots	21.84	21.85	21.71	23.70	17.58	17.59	17.45	19.44
EDGE 4 Tx slots	20.57	20.54	20.41	22.50	17.57	17.54	17.41	19.50

【GSM850_Ant 1_DSI3】

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.04	30.96	31.08	32.50	22.04	21.96	22.08	23.50
GPRS 1 Tx slot	31.06	30.98	31.15	32.50	22.06	21.98	22.15	23.50
GPRS 2 Tx slots	28.11	28.07	28.21	29.50	22.11	22.07	22.21	23.50
GPRS 3 Tx slots	26.08	25.99	25.88	27.70	21.82	21.73	21.62	23.44
GPRS 4 Tx slots	25.09	25.18	25.15	26.50	22.09	22.18	22.15	23.50
EDGE 1 Tx slot	26.18	25.87	26.24	28.50	17.18	16.87	17.24	19.50
EDGE 2 Tx slots	23.65	23.65	23.76	25.50	17.65	17.65	17.76	19.50
EDGE 3 Tx slots	21.84	21.85	21.71	23.70	17.58	17.59	17.45	19.44
EDGE 4 Tx slots	20.57	20.54	20.41	22.50	17.57	17.54	17.41	19.50

【GSM850_Ant 1_DSI4】

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.04	30.96	31.08	32.50	22.04	21.96	22.08	23.50
GPRS 1 Tx slot	31.06	30.98	31.15	32.50	22.06	21.98	22.15	23.50
GPRS 2 Tx slots	28.11	28.07	28.21	29.50	22.11	22.07	22.21	23.50
GPRS 3 Tx slots	26.08	25.99	25.88	27.70	21.82	21.73	21.62	23.44
GPRS 4 Tx slots	25.09	25.18	25.15	26.50	22.09	22.18	22.15	23.50
EDGE 1 Tx slot	26.18	25.87	26.24	28.50	17.18	16.87	17.24	19.50
EDGE 2 Tx slots	23.65	23.65	23.76	25.50	17.65	17.65	17.76	19.50
EDGE 3 Tx slots	21.84	21.85	21.71	23.70	17.58	17.59	17.45	19.44
EDGE 4 Tx slots	20.57	20.54	20.41	22.50	17.57	17.54	17.41	19.50

【GSM850_Ant 1_DSI5】

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	30.45	30.48	30.55	32.00	21.45	21.48	21.55	23.00
GPRS 1 Tx slot	30.51	30.53	30.66	32.00	21.51	21.53	21.66	23.00
GPRS 2 Tx slots	27.50	27.54	27.75	29.00	21.50	21.54	21.75	23.00
GPRS 3 Tx slots	25.54	25.57	25.35	27.20	21.28	21.31	21.09	22.94
GPRS 4 Tx slots	24.54	24.57	24.48	26.00	21.54	21.57	21.48	23.00
EDGE 1 Tx slot	26.18	25.87	26.24	28.50	17.18	16.87	17.24	19.50
EDGE 2 Tx slots	23.65	23.65	23.76	25.50	17.65	17.65	17.76	19.50
EDGE 3 Tx slots	21.84	21.85	21.71	23.70	17.58	17.59	17.45	19.44
EDGE 4 Tx slots	20.57	20.54	20.41	22.50	17.57	17.54	17.41	19.50

【GSM1900_Ant 4_Default】

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	30.54	30.27	30.61	31.00	21.54	21.27	21.61	22.00
GPRS 1 Tx slot	30.58	30.34	30.67	31.00	21.58	21.34	21.67	22.00
GPRS 2 Tx slots	27.48	27.68	27.62	28.00	21.48	21.68	21.62	22.00
GPRS 3 Tx slots	25.76	25.87	25.70	26.20	21.50	21.61	21.44	21.94
GPRS 4 Tx slots	24.55	24.59	24.57	25.00	21.55	21.59	21.57	22.00
EDGE 1 Tx slot	26.22	25.94	26.31	27.00	17.22	16.94	17.31	18.00
EDGE 2 Tx slots	23.61	23.65	23.71	24.00	17.61	17.65	17.71	18.00
EDGE 3 Tx slots	21.91	21.91	21.95	22.20	17.65	17.65	17.69	17.94
EDGE 4 Tx slots	20.59	20.48	20.62	21.00	17.59	17.48	17.62	18.00

【GSM1900_Ant 4_DSI1】

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	27.51	27.44	27.45	28.50	18.51	18.44	18.45	19.50
GPRS 1 Tx slot	27.50	27.58	27.59	28.50	18.50	18.58	18.59	19.50
GPRS 2 Tx slots	24.92	24.84	24.91	25.50	18.92	18.84	18.91	19.50
GPRS 3 Tx slots	23.05	23.07	23.02	23.70	18.79	18.81	18.76	19.44
GPRS 4 Tx slots	21.81	21.85	21.79	22.50	18.81	18.85	18.79	19.50
EDGE 1 Tx slot	26.22	25.94	26.31	27.00	17.22	16.94	17.31	18.00
EDGE 2 Tx slots	23.61	23.65	23.71	24.00	17.61	17.65	17.71	18.00
EDGE 3 Tx slots	21.91	21.91	21.95	22.20	17.65	17.65	17.69	17.94
EDGE 4 Tx slots	20.59	20.48	20.62	21.00	17.59	17.48	17.62	18.00

【GSM1900_Ant 4_DSI3】

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	30.54	30.27	30.61	31.00	21.54	21.27	21.61	22.00
GPRS 1 Tx slot	30.58	30.34	30.67	31.00	21.58	21.34	21.67	22.00
GPRS 2 Tx slots	27.48	27.68	27.62	28.00	21.48	21.68	21.62	22.00
GPRS 3 Tx slots	25.76	25.87	25.70	26.20	21.50	21.61	21.44	21.94
GPRS 4 Tx slots	24.55	24.59	24.57	25.00	21.55	21.59	21.57	22.00
EDGE 1 Tx slot	26.22	25.94	26.31	27.00	17.22	16.94	17.31	18.00
EDGE 2 Tx slots	23.61	23.65	23.71	24.00	17.61	17.65	17.71	18.00
EDGE 3 Tx slots	21.91	21.91	21.95	22.20	17.65	17.65	17.69	17.94
EDGE 4 Tx slots	20.59	20.48	20.62	21.00	17.59	17.48	17.62	18.00

【GSM1900_Ant 4_DSI4】

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	30.54	30.27	30.61	31.00	21.54	21.27	21.61	22.00
GPRS 1 Tx slot	30.58	30.34	30.67	31.00	21.58	21.34	21.67	22.00
GPRS 2 Tx slots	27.48	27.68	27.62	28.00	21.48	21.68	21.62	22.00
GPRS 3 Tx slots	25.76	25.87	25.70	26.20	21.50	21.61	21.44	21.94
GPRS 4 Tx slots	24.55	24.59	24.57	25.00	21.55	21.59	21.57	22.00
EDGE 1 Tx slot	26.22	25.94	26.31	27.00	17.22	16.94	17.31	18.00
EDGE 2 Tx slots	23.61	23.65	23.71	24.00	17.61	17.65	17.71	18.00
EDGE 3 Tx slots	21.91	21.91	21.95	22.20	17.65	17.65	17.69	17.94
EDGE 4 Tx slots	20.59	20.48	20.62	21.00	17.59	17.48	17.62	18.00

【GSM1900_Ant 4_DSI5】

TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	27.51	27.44	27.45	28.50	18.51	18.44	18.45	19.50
GPRS 1 Tx slot	27.50	27.58	27.59	28.50	18.50	18.58	18.59	19.50
GPRS 2 Tx slots	24.92	24.84	24.91	25.50	18.92	18.84	18.91	19.50
GPRS 3 Tx slots	23.05	23.07	23.02	23.70	18.79	18.81	18.76	19.44
GPRS 4 Tx slots	21.81	21.85	21.79	22.50	18.81	18.85	18.79	19.50
EDGE 1 Tx slot	26.22	25.94	26.31	27.00	17.22	16.94	17.31	18.00
EDGE 2 Tx slots	23.61	23.65	23.71	24.00	17.61	17.65	17.71	18.00
EDGE 3 Tx slots	21.91	21.91	21.95	22.20	17.65	17.65	17.69	17.94
EDGE 4 Tx slots	20.59	20.48	20.62	21.00	17.59	17.48	17.62	18.00

【GSM1900_Ant 5_Default】

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	30.35	30.15	30.52	31.50	21.35	21.15	21.52	22.50
GPRS 1 Tx slot	30.37	30.17	30.57	31.50	21.37	21.17	21.57	22.50
GPRS 2 Tx slots	27.45	28.41	27.85	28.50	21.45	22.41	21.85	22.50
GPRS 3 Tx slots	25.57	26.25	26.08	26.70	21.31	21.99	21.82	22.44
GPRS 4 Tx slots	24.43	24.75	24.63	25.50	21.43	21.75	21.63	22.50
EDGE 1 Tx slot	26.29	26.45	26.04	27.50	17.29	17.45	17.04	18.50
EDGE 2 Tx slots	23.55	23.71	23.68	24.50	17.55	17.71	17.68	18.50
EDGE 3 Tx slots	21.74	21.93	22.18	22.70	17.48	17.67	17.92	18.44
EDGE 4 Tx slots	20.44	20.73	20.79	21.50	17.44	17.73	17.79	18.50

【GSM1900_Ant 5_DSI1】

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	28.03	27.89	28.27	29.50	19.03	18.89	19.27	20.50
GPRS 1 Tx slot	28.06	27.91	28.25	29.50	19.06	18.91	19.25	20.50
GPRS 2 Tx slots	25.15	26.09	25.49	26.50	19.15	20.09	19.49	20.50
GPRS 3 Tx slots	23.30	23.95	23.77	24.70	19.04	19.69	19.51	20.44
GPRS 4 Tx slots	22.33	22.35	22.31	23.50	19.33	19.35	19.31	20.50
EDGE 1 Tx slot	26.29	26.45	26.04	27.50	17.29	17.45	17.04	18.50
EDGE 2 Tx slots	23.55	23.71	23.68	24.50	17.55	17.71	17.68	18.50
EDGE 3 Tx slots	21.74	21.93	22.18	22.70	17.48	17.67	17.92	18.44
EDGE 4 Tx slots	20.44	20.73	20.79	21.50	17.44	17.73	17.79	18.50

【GSM1900_Ant 5_DSI3】

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	28.53	28.59	28.52	30.00	19.53	19.59	19.52	21.00
GPRS 1 Tx slot	28.63	28.32	28.78	30.00	19.63	19.32	19.78	21.00
GPRS 2 Tx slots	25.60	25.62	26.04	27.00	19.60	19.62	20.04	21.00
GPRS 3 Tx slots	23.72	24.47	24.25	25.20	19.46	20.21	19.99	20.94
GPRS 4 Tx slots	22.68	22.75	22.69	24.00	19.68	19.75	19.69	21.00
EDGE 1 Tx slot	26.29	26.45	26.04	27.50	17.29	17.45	17.04	18.50
EDGE 2 Tx slots	23.55	23.71	23.68	24.50	17.55	17.71	17.68	18.50
EDGE 3 Tx slots	21.74	21.93	22.18	22.70	17.48	17.67	17.92	18.44
EDGE 4 Tx slots	20.44	20.73	20.79	21.50	17.44	17.73	17.79	18.50

【GSM1900_Ant 5_DSI4】

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	28.53	28.59	28.52	30.00	19.53	19.59	19.52	21.00
GPRS 1 Tx slot	28.63	28.32	28.78	30.00	19.63	19.32	19.78	21.00
GPRS 2 Tx slots	25.60	25.62	26.04	27.00	19.60	19.62	20.04	21.00
GPRS 3 Tx slots	23.72	24.47	24.25	25.20	19.46	20.21	19.99	20.94
GPRS 4 Tx slots	22.68	22.75	22.69	24.00	19.68	19.75	19.69	21.00
EDGE 1 Tx slot	26.29	26.45	26.04	27.50	17.29	17.45	17.04	18.50
EDGE 2 Tx slots	23.55	23.71	23.68	24.50	17.55	17.71	17.68	18.50
EDGE 3 Tx slots	21.74	21.93	22.18	22.70	17.48	17.67	17.92	18.44
EDGE 4 Tx slots	20.44	20.73	20.79	21.50	17.44	17.73	17.79	18.50

【GSM1900_Ant 5_DSI5】

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	28.03	27.89	28.27	29.50	19.03	18.89	19.27	20.50
GPRS 1 Tx slot	28.06	27.91	28.25	29.50	19.06	18.91	19.25	20.50
GPRS 2 Tx slots	25.15	26.09	25.49	26.50	19.15	20.09	19.49	20.50
GPRS 3 Tx slots	23.30	23.95	23.77	24.70	19.04	19.69	19.51	20.44
GPRS 4 Tx slots	22.33	22.35	22.31	23.50	19.33	19.35	19.31	20.50
EDGE 1 Tx slot	26.29	26.45	26.04	27.50	17.29	17.45	17.04	18.50
EDGE 2 Tx slots	23.55	23.71	23.68	24.50	17.55	17.71	17.68	18.50
EDGE 3 Tx slots	21.74	21.93	22.18	22.70	17.48	17.67	17.92	18.44
EDGE 4 Tx slots	20.44	20.73	20.79	21.50	17.44	17.73	17.79	18.50

<WCDMA Conducted Power>

【WCDMA II_Ant 4_Default】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	24.00	24.08	24.10	25.00
3GPP Rel 99	RMC 12.2Kbps	24.29	24.37	24.34	25.00
3GPP Rel 6	HSDPA Subtest-1	23.11	23.23	23.12	24.00
3GPP Rel 6	HSDPA Subtest-2	23.10	23.13	23.08	24.00
3GPP Rel 6	HSDPA Subtest-3	22.56	22.64	22.59	23.50
3GPP Rel 6	HSDPA Subtest-4	22.47	22.61	22.53	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.12	23.12	23.12	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.95	23.09	22.97	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.44	22.67	22.51	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.43	22.50	22.60	23.50
3GPP Rel 6	HSUPA Subtest-1	22.97	23.05	23.02	24.00
3GPP Rel 6	HSUPA Subtest-2	21.05	21.10	21.07	22.00
3GPP Rel 6	HSUPA Subtest-3	22.19	22.20	22.16	23.00
3GPP Rel 6	HSUPA Subtest-4	21.02	21.09	21.08	22.00
3GPP Rel 6	HSUPA Subtest-5	23.03	23.11	23.08	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.68	20.71	20.66	21.50

【WCDMA II_Ant 4_DSI1】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	18.52	18.50	18.58	19.50
3GPP Rel 99	RMC 12.2Kbps	18.70	18.75	18.72	19.50
3GPP Rel 6	HSDPA Subtest-1	17.57	17.81	17.70	18.50
3GPP Rel 6	HSDPA Subtest-2	17.56	17.72	17.58	18.50
3GPP Rel 6	HSDPA Subtest-3	17.14	17.17	17.03	18.00
3GPP Rel 6	HSDPA Subtest-4	16.97	17.04	17.04	18.00
3GPP Rel 8	DC-HSDPA Subtest-1	17.70	17.62	17.68	18.50
3GPP Rel 8	DC-HSDPA Subtest-2	17.41	17.58	17.48	18.50
3GPP Rel 8	DC-HSDPA Subtest-3	16.87	17.23	17.05	18.00
3GPP Rel 8	DC-HSDPA Subtest-4	16.94	16.98	17.18	18.00
3GPP Rel 6	HSUPA Subtest-1	17.46	17.48	17.50	18.50
3GPP Rel 6	HSUPA Subtest-2	15.57	15.67	15.52	16.50
3GPP Rel 6	HSUPA Subtest-3	16.70	16.67	16.68	17.50
3GPP Rel 6	HSUPA Subtest-4	15.57	15.63	15.59	16.50
3GPP Rel 6	HSUPA Subtest-5	17.51	17.70	17.50	18.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	15.12	15.29	15.20	16.00

【WCDMA II_Ant 4_DSI3】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	20.51	20.56	20.53	21.50
3GPP Rel 99	RMC 12.2Kbps	20.73	20.80	20.77	21.50
3GPP Rel 6	HSDPA Subtest-1	19.65	19.70	19.68	20.50
3GPP Rel 6	HSDPA Subtest-2	19.66	19.69	19.66	20.50
3GPP Rel 6	HSDPA Subtest-3	19.02	19.15	19.11	20.00
3GPP Rel 6	HSDPA Subtest-4	18.89	19.09	19.10	20.00
3GPP Rel 8	DC-HSDPA Subtest-1	19.57	19.63	19.62	20.50
3GPP Rel 8	DC-HSDPA Subtest-2	19.41	19.52	19.50	20.50
3GPP Rel 8	DC-HSDPA Subtest-3	19.02	19.11	18.95	20.00
3GPP Rel 8	DC-HSDPA Subtest-4	18.98	18.98	19.17	20.00
3GPP Rel 6	HSUPA Subtest-1	19.39	19.55	19.44	20.50
3GPP Rel 6	HSUPA Subtest-2	17.64	17.61	17.54	18.50
3GPP Rel 6	HSUPA Subtest-3	18.75	18.72	18.59	19.50
3GPP Rel 6	HSUPA Subtest-4	17.60	17.54	17.53	18.50
3GPP Rel 6	HSUPA Subtest-5	19.48	19.53	19.51	20.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.12	17.16	17.14	18.00

【WCDMA II_Ant 4_DS14】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	24.00	24.08	24.10	25.00
3GPP Rel 99	RMC 12.2Kbps	24.29	24.37	24.34	25.00
3GPP Rel 6	HSDPA Subtest-1	23.11	23.23	23.12	24.00
3GPP Rel 6	HSDPA Subtest-2	23.10	23.13	23.08	24.00
3GPP Rel 6	HSDPA Subtest-3	22.56	22.64	22.59	23.50
3GPP Rel 6	HSDPA Subtest-4	22.47	22.61	22.53	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.12	23.12	23.12	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.95	23.09	22.97	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.44	22.67	22.51	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.43	22.50	22.60	23.50
3GPP Rel 6	HSUPA Subtest-1	22.97	23.05	23.02	24.00
3GPP Rel 6	HSUPA Subtest-2	21.05	21.10	21.07	22.00
3GPP Rel 6	HSUPA Subtest-3	22.19	22.20	22.16	23.00
3GPP Rel 6	HSUPA Subtest-4	21.02	21.09	21.08	22.00
3GPP Rel 6	HSUPA Subtest-5	23.03	23.11	23.08	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.68	20.71	20.66	21.50

【WCDMA II_Ant 4_DS15】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	18.52	18.50	18.58	19.50
3GPP Rel 99	RMC 12.2Kbps	18.70	18.75	18.72	19.50
3GPP Rel 6	HSDPA Subtest-1	17.57	17.81	17.70	18.50
3GPP Rel 6	HSDPA Subtest-2	17.56	17.72	17.58	18.50
3GPP Rel 6	HSDPA Subtest-3	17.14	17.17	17.03	18.00
3GPP Rel 6	HSDPA Subtest-4	16.97	17.04	17.04	18.00
3GPP Rel 8	DC-HSDPA Subtest-1	17.70	17.62	17.68	18.50
3GPP Rel 8	DC-HSDPA Subtest-2	17.41	17.58	17.48	18.50
3GPP Rel 8	DC-HSDPA Subtest-3	16.87	17.23	17.05	18.00
3GPP Rel 8	DC-HSDPA Subtest-4	16.94	16.98	17.18	18.00
3GPP Rel 6	HSUPA Subtest-1	17.46	17.48	17.50	18.50
3GPP Rel 6	HSUPA Subtest-2	15.57	15.67	15.52	16.50
3GPP Rel 6	HSUPA Subtest-3	16.70	16.67	16.68	17.50
3GPP Rel 6	HSUPA Subtest-4	15.57	15.63	15.59	16.50
3GPP Rel 6	HSUPA Subtest-5	17.51	17.70	17.50	18.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	15.12	15.29	15.20	16.00

【WCDMA II_Ant 5_Default】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	24.05	24.12	24.11	25.60
3GPP Rel 99	RMC 12.2Kbps	24.31	24.39	24.36	25.60
3GPP Rel 6	HSDPA Subtest-1	23.18	23.29	23.17	24.60
3GPP Rel 6	HSDPA Subtest-2	23.17	23.13	23.09	24.60
3GPP Rel 6	HSDPA Subtest-3	22.71	22.76	22.66	24.10
3GPP Rel 6	HSDPA Subtest-4	22.54	22.65	22.63	24.10
3GPP Rel 8	DC-HSDPA Subtest-1	23.11	23.24	23.14	24.60
3GPP Rel 8	DC-HSDPA Subtest-2	23.02	23.07	23.11	24.60
3GPP Rel 8	DC-HSDPA Subtest-3	22.54	22.72	22.61	24.10
3GPP Rel 8	DC-HSDPA Subtest-4	22.52	22.61	22.57	24.10
3GPP Rel 6	HSUPA Subtest-1	23.02	23.07	23.13	24.60
3GPP Rel 6	HSUPA Subtest-2	21.14	21.26	21.12	22.60
3GPP Rel 6	HSUPA Subtest-3	22.24	22.24	22.30	23.60
3GPP Rel 6	HSUPA Subtest-4	21.04	21.15	21.06	22.60
3GPP Rel 6	HSUPA Subtest-5	23.00	23.18	23.13	24.60
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.65	20.84	20.68	22.10

【WCDMA II_Ant 5_DS1】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	17.51	17.55	17.61	19.10
3GPP Rel 99	RMC 12.2Kbps	17.89	17.90	17.85	19.10
3GPP Rel 6	HSDPA Subtest-1	16.65	16.72	16.66	18.10
3GPP Rel 6	HSDPA Subtest-2	16.72	16.70	16.67	18.10
3GPP Rel 6	HSDPA Subtest-3	16.17	16.25	16.24	17.60
3GPP Rel 6	HSDPA Subtest-4	16.09	16.08	16.07	17.60
3GPP Rel 8	DC-HSDPA Subtest-1	16.67	16.71	16.67	18.10
3GPP Rel 8	DC-HSDPA Subtest-2	16.54	16.50	16.67	18.10
3GPP Rel 8	DC-HSDPA Subtest-3	16.11	16.19	16.04	17.60
3GPP Rel 8	DC-HSDPA Subtest-4	16.03	16.04	16.09	17.60
3GPP Rel 6	HSUPA Subtest-1	16.48	16.55	16.54	18.10
3GPP Rel 6	HSUPA Subtest-2	14.71	14.72	14.60	16.10
3GPP Rel 6	HSUPA Subtest-3	15.78	15.79	15.81	17.10
3GPP Rel 6	HSUPA Subtest-4	14.48	14.64	14.64	16.10
3GPP Rel 6	HSUPA Subtest-5	16.47	16.66	16.63	18.10
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	14.23	14.28	14.24	15.60

【WCDMA II_Ant 5_DS1】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	18.49	18.68	18.69	20.10
3GPP Rel 99	RMC 12.2Kbps	18.80	18.86	18.85	20.10
3GPP Rel 6	HSDPA Subtest-1	17.66	17.84	17.71	19.10
3GPP Rel 6	HSDPA Subtest-2	17.76	17.55	17.57	19.10
3GPP Rel 6	HSDPA Subtest-3	17.19	17.21	17.24	18.60
3GPP Rel 6	HSDPA Subtest-4	16.99	17.06	17.22	18.60
3GPP Rel 8	DC-HSDPA Subtest-1	17.69	17.80	17.57	19.10
3GPP Rel 8	DC-HSDPA Subtest-2	17.57	17.63	17.54	19.10
3GPP Rel 8	DC-HSDPA Subtest-3	17.02	17.13	17.08	18.60
3GPP Rel 8	DC-HSDPA Subtest-4	17.01	17.04	17.00	18.60
3GPP Rel 6	HSUPA Subtest-1	17.49	17.58	17.56	19.10
3GPP Rel 6	HSUPA Subtest-2	15.57	15.81	15.59	17.10
3GPP Rel 6	HSUPA Subtest-3	16.78	16.66	16.89	18.10
3GPP Rel 6	HSUPA Subtest-4	15.61	15.63	15.57	17.10
3GPP Rel 6	HSUPA Subtest-5	17.50	17.61	17.72	19.10
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	15.10	15.35	15.13	16.60

【WCDMA II_Ant 5_DS1】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	18.49	18.68	18.69	20.10
3GPP Rel 99	RMC 12.2Kbps	18.80	18.86	18.85	20.10
3GPP Rel 6	HSDPA Subtest-1	17.66	17.84	17.71	19.10
3GPP Rel 6	HSDPA Subtest-2	17.76	17.55	17.57	19.10
3GPP Rel 6	HSDPA Subtest-3	17.19	17.21	17.24	18.60
3GPP Rel 6	HSDPA Subtest-4	16.99	17.06	17.22	18.60
3GPP Rel 8	DC-HSDPA Subtest-1	17.69	17.80	17.57	19.10
3GPP Rel 8	DC-HSDPA Subtest-2	17.57	17.63	17.54	19.10
3GPP Rel 8	DC-HSDPA Subtest-3	17.02	17.13	17.08	18.60
3GPP Rel 8	DC-HSDPA Subtest-4	17.01	17.04	17.00	18.60
3GPP Rel 6	HSUPA Subtest-1	17.49	17.58	17.56	19.10
3GPP Rel 6	HSUPA Subtest-2	15.57	15.81	15.59	17.10
3GPP Rel 6	HSUPA Subtest-3	16.78	16.66	16.89	18.10
3GPP Rel 6	HSUPA Subtest-4	15.61	15.63	15.57	17.10
3GPP Rel 6	HSUPA Subtest-5	17.50	17.61	17.72	19.10
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	15.10	15.35	15.13	16.60

【WCDMA II_Ant 5_DSI5】

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	17.51	17.55	17.61	19.10
3GPP Rel 99	RMC 12.2Kbps	17.89	17.90	17.85	19.10
3GPP Rel 6	HSDPA Subtest-1	16.65	16.72	16.66	18.10
3GPP Rel 6	HSDPA Subtest-2	16.72	16.70	16.67	18.10
3GPP Rel 6	HSDPA Subtest-3	16.17	16.25	16.24	17.60
3GPP Rel 6	HSDPA Subtest-4	16.09	16.08	16.07	17.60
3GPP Rel 8	DC-HSDPA Subtest-1	16.67	16.71	16.67	18.10
3GPP Rel 8	DC-HSDPA Subtest-2	16.54	16.50	16.67	18.10
3GPP Rel 8	DC-HSDPA Subtest-3	16.11	16.19	16.04	17.60
3GPP Rel 8	DC-HSDPA Subtest-4	16.03	16.04	16.09	17.60
3GPP Rel 6	HSUPA Subtest-1	16.48	16.55	16.54	18.10
3GPP Rel 6	HSUPA Subtest-2	14.71	14.72	14.60	16.10
3GPP Rel 6	HSUPA Subtest-3	15.78	15.79	15.81	17.10
3GPP Rel 6	HSUPA Subtest-4	14.48	14.64	14.64	16.10
3GPP Rel 6	HSUPA Subtest-5	16.47	16.66	16.63	18.10
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	14.23	14.28	14.24	15.60

【WCDMA IV_Ant 4_Default】

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	24.17	24.26	24.27	25.00
3GPP Rel 99	RMC 12.2Kbps	24.29	24.34	24.16	25.00
3GPP Rel 6	HSDPA Subtest-1	23.30	23.38	23.28	24.00
3GPP Rel 6	HSDPA Subtest-2	23.27	23.35	23.29	24.00
3GPP Rel 6	HSDPA Subtest-3	22.82	22.89	22.75	23.50
3GPP Rel 6	HSDPA Subtest-4	22.67	22.76	22.72	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.15	23.27	23.27	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.22	23.32	23.19	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.61	22.80	22.63	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.48	22.71	22.68	23.50
3GPP Rel 6	HSUPA Subtest-1	23.18	23.13	23.23	24.00
3GPP Rel 6	HSUPA Subtest-2	21.24	21.29	21.32	22.00
3GPP Rel 6	HSUPA Subtest-3	22.40	22.39	22.32	23.00
3GPP Rel 6	HSUPA Subtest-4	21.26	21.31	21.16	22.00
3GPP Rel 6	HSUPA Subtest-5	23.08	23.22	23.18	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.81	20.90	20.77	21.50

【WCDMA IV_Ant 4_DSI1】

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	17.74	17.82	17.73	18.50
3GPP Rel 99	RMC 12.2Kbps	17.72	17.93	17.68	18.50
3GPP Rel 6	HSDPA Subtest-1	16.88	16.94	16.81	17.50
3GPP Rel 6	HSDPA Subtest-2	16.78	16.87	16.70	17.50
3GPP Rel 6	HSDPA Subtest-3	16.37	16.34	16.23	17.00
3GPP Rel 6	HSDPA Subtest-4	16.24	16.25	16.24	17.00
3GPP Rel 8	DC-HSDPA Subtest-1	16.69	16.80	16.74	17.50
3GPP Rel 8	DC-HSDPA Subtest-2	16.64	16.77	16.76	17.50
3GPP Rel 8	DC-HSDPA Subtest-3	16.10	16.30	16.09	17.00
3GPP Rel 8	DC-HSDPA Subtest-4	15.93	16.20	16.11	17.00
3GPP Rel 6	HSUPA Subtest-1	16.71	16.58	16.70	17.50
3GPP Rel 6	HSUPA Subtest-2	14.65	14.86	14.78	15.50
3GPP Rel 6	HSUPA Subtest-3	15.85	15.88	15.74	16.50
3GPP Rel 6	HSUPA Subtest-4	14.77	14.87	14.69	15.50
3GPP Rel 6	HSUPA Subtest-5	16.57	16.78	16.67	17.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	14.27	14.39	14.35	15.00

【WCDMA IV_Ant 4_DS13】

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	20.18	20.33	20.22	21.00
3GPP Rel 99	RMC 12.2Kbps	20.36	20.40	20.33	21.00
3GPP Rel 6	HSDPA Subtest-1	19.24	19.39	19.30	20.00
3GPP Rel 6	HSDPA Subtest-2	19.34	19.41	19.35	20.00
3GPP Rel 6	HSDPA Subtest-3	18.79	18.87	18.72	19.50
3GPP Rel 6	HSDPA Subtest-4	18.73	18.78	18.70	19.50
3GPP Rel 8	DC-HSDPA Subtest-1	19.08	19.34	19.35	20.00
3GPP Rel 8	DC-HSDPA Subtest-2	19.20	19.41	19.14	20.00
3GPP Rel 8	DC-HSDPA Subtest-3	18.53	18.73	18.61	19.50
3GPP Rel 8	DC-HSDPA Subtest-4	18.41	18.74	18.76	19.50
3GPP Rel 6	HSUPA Subtest-1	19.16	19.06	19.14	20.00
3GPP Rel 6	HSUPA Subtest-2	17.30	17.30	17.33	18.00
3GPP Rel 6	HSUPA Subtest-3	18.44	18.35	18.38	19.00
3GPP Rel 6	HSUPA Subtest-4	17.18	17.24	17.25	18.00
3GPP Rel 6	HSUPA Subtest-5	19.13	19.15	19.16	20.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	16.84	16.81	16.73	17.50

【WCDMA IV_Ant 4_DS14】

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.17	23.31	23.25	24.00
3GPP Rel 99	RMC 12.2Kbps	23.37	23.40	23.38	24.00
3GPP Rel 6	HSDPA Subtest-1	22.27	22.34	22.26	23.00
3GPP Rel 6	HSDPA Subtest-2	22.26	22.31	22.34	23.00
3GPP Rel 6	HSDPA Subtest-3	21.84	21.91	21.69	22.50
3GPP Rel 6	HSDPA Subtest-4	21.65	21.75	21.81	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.15	22.19	22.22	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.26	22.31	22.13	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.56	21.79	21.61	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.41	21.70	21.74	22.50
3GPP Rel 6	HSUPA Subtest-1	22.09	22.16	22.21	23.00
3GPP Rel 6	HSUPA Subtest-2	20.33	20.26	20.30	21.00
3GPP Rel 6	HSUPA Subtest-3	21.40	21.47	21.32	22.00
3GPP Rel 6	HSUPA Subtest-4	20.27	20.30	20.08	21.00
3GPP Rel 6	HSUPA Subtest-5	22.11	22.23	22.20	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.85	19.99	19.77	20.50

【WCDMA IV_Ant 4_DS15】

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	17.74	17.82	17.73	18.50
3GPP Rel 99	RMC 12.2Kbps	17.72	17.93	17.68	18.50
3GPP Rel 6	HSDPA Subtest-1	16.88	16.94	16.81	17.50
3GPP Rel 6	HSDPA Subtest-2	16.78	16.87	16.70	17.50
3GPP Rel 6	HSDPA Subtest-3	16.37	16.34	16.23	17.00
3GPP Rel 6	HSDPA Subtest-4	16.24	16.25	16.24	17.00
3GPP Rel 8	DC-HSDPA Subtest-1	16.69	16.80	16.74	17.50
3GPP Rel 8	DC-HSDPA Subtest-2	16.64	16.77	16.76	17.50
3GPP Rel 8	DC-HSDPA Subtest-3	16.10	16.30	16.09	17.00
3GPP Rel 8	DC-HSDPA Subtest-4	15.93	16.20	16.11	17.00
3GPP Rel 6	HSUPA Subtest-1	16.71	16.58	16.70	17.50
3GPP Rel 6	HSUPA Subtest-2	14.65	14.86	14.78	15.50
3GPP Rel 6	HSUPA Subtest-3	15.85	15.88	15.74	16.50
3GPP Rel 6	HSUPA Subtest-4	14.77	14.87	14.69	15.50
3GPP Rel 6	HSUPA Subtest-5	16.57	16.78	16.67	17.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	14.27	14.39	14.35	15.00

【WCDMA IV_Ant 5_Default】

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	24.17	24.39	24.27	25.50
3GPP Rel 99	RMC 12.2Kbps	24.36	24.42	24.39	25.50
3GPP Rel 6	HSDPA Subtest-1	23.37	23.38	23.33	24.50
3GPP Rel 6	HSDPA Subtest-2	23.31	23.42	23.38	24.50
3GPP Rel 6	HSDPA Subtest-3	22.90	22.89	22.82	24.00
3GPP Rel 6	HSDPA Subtest-4	22.67	22.87	22.79	24.00
3GPP Rel 8	DC-HSDPA Subtest-1	23.28	23.29	23.34	24.50
3GPP Rel 8	DC-HSDPA Subtest-2	23.26	23.31	23.23	24.50
3GPP Rel 8	DC-HSDPA Subtest-3	22.67	22.76	22.66	24.00
3GPP Rel 8	DC-HSDPA Subtest-4	22.55	22.78	22.82	24.00
3GPP Rel 6	HSUPA Subtest-1	23.21	23.24	23.30	24.50
3GPP Rel 6	HSUPA Subtest-2	21.29	21.32	21.29	22.50
3GPP Rel 6	HSUPA Subtest-3	22.34	22.41	22.45	23.50
3GPP Rel 6	HSUPA Subtest-4	21.27	21.34	21.27	22.50
3GPP Rel 6	HSUPA Subtest-5	23.19	23.30	23.18	24.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.86	20.92	20.83	22.00

【WCDMA IV_Ant 5_DSI1】

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	17.12	17.35	17.28	18.50
3GPP Rel 99	RMC 12.2Kbps	17.37	17.39	17.37	18.50
3GPP Rel 6	HSDPA Subtest-1	16.46	16.45	16.35	17.50
3GPP Rel 6	HSDPA Subtest-2	16.27	16.38	16.43	17.50
3GPP Rel 6	HSDPA Subtest-3	15.93	15.90	15.87	17.00
3GPP Rel 6	HSDPA Subtest-4	15.65	15.84	15.71	17.00
3GPP Rel 8	DC-HSDPA Subtest-1	16.25	16.37	16.35	17.50
3GPP Rel 8	DC-HSDPA Subtest-2	16.26	16.36	16.15	17.50
3GPP Rel 8	DC-HSDPA Subtest-3	15.70	15.69	15.64	17.00
3GPP Rel 8	DC-HSDPA Subtest-4	15.47	15.70	15.90	17.00
3GPP Rel 6	HSUPA Subtest-1	16.23	16.25	16.33	17.50
3GPP Rel 6	HSUPA Subtest-2	14.28	14.30	14.36	15.50
3GPP Rel 6	HSUPA Subtest-3	15.43	15.46	15.46	16.50
3GPP Rel 6	HSUPA Subtest-4	14.20	14.40	14.34	15.50
3GPP Rel 6	HSUPA Subtest-5	16.13	16.39	16.27	17.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	13.90	13.86	13.82	15.00

【WCDMA IV_Ant 5_DSI3】

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	18.51	18.73	18.69	20.00
3GPP Rel 99	RMC 12.2Kbps	18.84	18.86	18.79	20.00
3GPP Rel 6	HSDPA Subtest-1	17.90	17.80	17.73	19.00
3GPP Rel 6	HSDPA Subtest-2	17.76	17.79	17.84	19.00
3GPP Rel 6	HSDPA Subtest-3	17.33	17.28	17.19	18.50
3GPP Rel 6	HSDPA Subtest-4	17.08	17.39	17.11	18.50
3GPP Rel 8	DC-HSDPA Subtest-1	17.68	17.79	17.67	19.00
3GPP Rel 8	DC-HSDPA Subtest-2	17.72	17.67	17.69	19.00
3GPP Rel 8	DC-HSDPA Subtest-3	17.00	17.15	17.19	18.50
3GPP Rel 8	DC-HSDPA Subtest-4	16.82	17.18	17.19	18.50
3GPP Rel 6	HSUPA Subtest-1	17.71	17.66	17.61	19.00
3GPP Rel 6	HSUPA Subtest-2	15.59	15.67	15.81	17.00
3GPP Rel 6	HSUPA Subtest-3	16.82	16.74	16.95	18.00
3GPP Rel 6	HSUPA Subtest-4	15.68	15.80	15.78	17.00
3GPP Rel 6	HSUPA Subtest-5	17.65	17.73	17.69	19.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	15.22	15.29	15.20	16.50

【WCDMA IV_Ant 5_DSI4】

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	18.51	18.73	18.69	20.00
3GPP Rel 99	RMC 12.2Kbps	18.84	18.86	18.79	20.00
3GPP Rel 6	HSDPA Subtest-1	17.90	17.80	17.73	19.00
3GPP Rel 6	HSDPA Subtest-2	17.76	17.79	17.84	19.00
3GPP Rel 6	HSDPA Subtest-3	17.33	17.28	17.19	18.50
3GPP Rel 6	HSDPA Subtest-4	17.08	17.39	17.11	18.50
3GPP Rel 8	DC-HSDPA Subtest-1	17.68	17.79	17.67	19.00
3GPP Rel 8	DC-HSDPA Subtest-2	17.72	17.67	17.69	19.00
3GPP Rel 8	DC-HSDPA Subtest-3	17.00	17.15	17.19	18.50
3GPP Rel 8	DC-HSDPA Subtest-4	16.82	17.18	17.19	18.50
3GPP Rel 6	HSUPA Subtest-1	17.71	17.66	17.61	19.00
3GPP Rel 6	HSUPA Subtest-2	15.59	15.67	15.81	17.00
3GPP Rel 6	HSUPA Subtest-3	16.82	16.74	16.95	18.00
3GPP Rel 6	HSUPA Subtest-4	15.68	15.80	15.78	17.00
3GPP Rel 6	HSUPA Subtest-5	17.65	17.73	17.69	19.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	15.22	15.29	15.20	16.50

【WCDMA IV_Ant 5_DSI5】

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	17.12	17.35	17.28	18.50
3GPP Rel 99	RMC 12.2Kbps	17.37	17.39	17.37	18.50
3GPP Rel 6	HSDPA Subtest-1	16.46	16.45	16.35	17.50
3GPP Rel 6	HSDPA Subtest-2	16.27	16.38	16.43	17.50
3GPP Rel 6	HSDPA Subtest-3	15.93	15.90	15.87	17.00
3GPP Rel 6	HSDPA Subtest-4	15.65	15.84	15.71	17.00
3GPP Rel 8	DC-HSDPA Subtest-1	16.25	16.37	16.35	17.50
3GPP Rel 8	DC-HSDPA Subtest-2	16.26	16.36	16.15	17.50
3GPP Rel 8	DC-HSDPA Subtest-3	15.70	15.69	15.64	17.00
3GPP Rel 8	DC-HSDPA Subtest-4	15.47	15.70	15.90	17.00
3GPP Rel 6	HSUPA Subtest-1	16.23	16.25	16.33	17.50
3GPP Rel 6	HSUPA Subtest-2	14.28	14.30	14.36	15.50
3GPP Rel 6	HSUPA Subtest-3	15.43	15.46	15.46	16.50
3GPP Rel 6	HSUPA Subtest-4	14.20	14.40	14.34	15.50
3GPP Rel 6	HSUPA Subtest-5	16.13	16.39	16.27	17.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	13.90	13.86	13.82	15.00

【WCDMA V_Ant 0_Default】

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.32	24.41	24.43	25.00
3GPP Rel 99	RMC 12.2Kbps	24.30	24.52	24.43	25.00
3GPP Rel 6	HSDPA Subtest-1	23.43	23.44	23.43	24.00
3GPP Rel 6	HSDPA Subtest-2	23.42	23.38	23.33	24.00
3GPP Rel 6	HSDPA Subtest-3	22.85	22.95	22.90	23.50
3GPP Rel 6	HSDPA Subtest-4	22.87	22.92	22.84	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.42	23.43	23.36	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.26	23.43	23.36	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.74	22.99	22.85	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.70	22.83	22.90	23.50
3GPP Rel 6	HSUPA Subtest-1	23.23	23.40	23.36	24.00
3GPP Rel 6	HSUPA Subtest-2	21.35	21.48	21.36	22.00
3GPP Rel 6	HSUPA Subtest-3	22.44	22.57	22.52	23.00
3GPP Rel 6	HSUPA Subtest-4	21.39	21.33	21.38	22.00
3GPP Rel 6	HSUPA Subtest-5	23.35	23.43	23.38	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.88	21.09	20.99	21.50

【WCDMA V_Ant 0_DS11】

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.32	24.41	24.43	25.00
3GPP Rel 99	RMC 12.2Kbps	24.30	24.52	24.43	25.00
3GPP Rel 6	HSDPA Subtest-1	23.43	23.44	23.43	24.00
3GPP Rel 6	HSDPA Subtest-2	23.42	23.38	23.33	24.00
3GPP Rel 6	HSDPA Subtest-3	22.85	22.95	22.90	23.50
3GPP Rel 6	HSDPA Subtest-4	22.87	22.92	22.84	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.42	23.43	23.36	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.26	23.43	23.36	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.74	22.99	22.85	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.70	22.83	22.90	23.50
3GPP Rel 6	HSUPA Subtest-1	23.23	23.40	23.36	24.00
3GPP Rel 6	HSUPA Subtest-2	21.35	21.48	21.36	22.00
3GPP Rel 6	HSUPA Subtest-3	22.44	22.57	22.52	23.00
3GPP Rel 6	HSUPA Subtest-4	21.39	21.33	21.38	22.00
3GPP Rel 6	HSUPA Subtest-5	23.35	23.43	23.38	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.88	21.09	20.99	21.50

【WCDMA V_Ant 0_DS13】

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.32	24.41	24.43	25.00
3GPP Rel 99	RMC 12.2Kbps	24.30	24.52	24.43	25.00
3GPP Rel 6	HSDPA Subtest-1	23.43	23.44	23.43	24.00
3GPP Rel 6	HSDPA Subtest-2	23.42	23.38	23.33	24.00
3GPP Rel 6	HSDPA Subtest-3	22.85	22.95	22.90	23.50
3GPP Rel 6	HSDPA Subtest-4	22.87	22.92	22.84	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.42	23.43	23.36	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.26	23.43	23.36	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.74	22.99	22.85	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.70	22.83	22.90	23.50
3GPP Rel 6	HSUPA Subtest-1	23.23	23.40	23.36	24.00
3GPP Rel 6	HSUPA Subtest-2	21.35	21.48	21.36	22.00
3GPP Rel 6	HSUPA Subtest-3	22.44	22.57	22.52	23.00
3GPP Rel 6	HSUPA Subtest-4	21.39	21.33	21.38	22.00
3GPP Rel 6	HSUPA Subtest-5	23.35	23.43	23.38	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.88	21.09	20.99	21.50

【WCDMA V_Ant 0_DS14】

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.32	24.41	24.43	25.00
3GPP Rel 99	RMC 12.2Kbps	24.30	24.52	24.43	25.00
3GPP Rel 6	HSDPA Subtest-1	23.43	23.44	23.43	24.00
3GPP Rel 6	HSDPA Subtest-2	23.42	23.38	23.33	24.00
3GPP Rel 6	HSDPA Subtest-3	22.85	22.95	22.90	23.50
3GPP Rel 6	HSDPA Subtest-4	22.87	22.92	22.84	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.42	23.43	23.36	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.26	23.43	23.36	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.74	22.99	22.85	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.70	22.83	22.90	23.50
3GPP Rel 6	HSUPA Subtest-1	23.23	23.40	23.36	24.00
3GPP Rel 6	HSUPA Subtest-2	21.35	21.48	21.36	22.00
3GPP Rel 6	HSUPA Subtest-3	22.44	22.57	22.52	23.00
3GPP Rel 6	HSUPA Subtest-4	21.39	21.33	21.38	22.00
3GPP Rel 6	HSUPA Subtest-5	23.35	23.43	23.38	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.88	21.09	20.99	21.50

【WCDMA V_Ant 0_DSI5】

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.32	24.41	24.43	25.00
3GPP Rel 99	RMC 12.2Kbps	24.30	24.52	24.43	25.00
3GPP Rel 6	HSDPA Subtest-1	23.43	23.44	23.43	24.00
3GPP Rel 6	HSDPA Subtest-2	23.42	23.38	23.33	24.00
3GPP Rel 6	HSDPA Subtest-3	22.85	22.95	22.90	23.50
3GPP Rel 6	HSDPA Subtest-4	22.87	22.92	22.84	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.42	23.43	23.36	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.26	23.43	23.36	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.74	22.99	22.85	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.70	22.83	22.90	23.50
3GPP Rel 6	HSUPA Subtest-1	23.23	23.40	23.36	24.00
3GPP Rel 6	HSUPA Subtest-2	21.35	21.48	21.36	22.00
3GPP Rel 6	HSUPA Subtest-3	22.44	22.57	22.52	23.00
3GPP Rel 6	HSUPA Subtest-4	21.39	21.33	21.38	22.00
3GPP Rel 6	HSUPA Subtest-5	23.35	23.43	23.38	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.88	21.09	20.99	21.50

【WCDMA V_Ant 1_Default】

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.92	24.07	23.99	24.70
3GPP Rel 99	RMC 12.2Kbps	23.94	24.08	24.02	24.70
3GPP Rel 6	HSDPA Subtest-1	22.98	23.10	23.09	23.70
3GPP Rel 6	HSDPA Subtest-2	23.03	23.04	22.95	23.70
3GPP Rel 6	HSDPA Subtest-3	22.47	22.58	22.50	23.20
3GPP Rel 6	HSDPA Subtest-4	22.45	22.56	22.51	23.20
3GPP Rel 8	DC-HSDPA Subtest-1	23.00	23.00	23.00	23.70
3GPP Rel 8	DC-HSDPA Subtest-2	22.90	22.99	22.96	23.70
3GPP Rel 8	DC-HSDPA Subtest-3	22.34	22.52	22.44	23.20
3GPP Rel 8	DC-HSDPA Subtest-4	22.34	22.50	22.42	23.20
3GPP Rel 6	HSUPA Subtest-1	22.85	22.91	22.94	23.70
3GPP Rel 6	HSUPA Subtest-2	20.92	21.01	21.06	21.70
3GPP Rel 6	HSUPA Subtest-3	22.01	22.16	22.11	22.70
3GPP Rel 6	HSUPA Subtest-4	20.95	20.95	20.97	21.70
3GPP Rel 6	HSUPA Subtest-5	22.86	22.96	22.88	23.70
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.50	20.64	20.59	21.20

【WCDMA V_Ant 1_DSI1】

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	21.94	22.08	22.01	22.70
3GPP Rel 99	RMC 12.2Kbps	21.95	22.09	22.02	22.70
3GPP Rel 6	HSDPA Subtest-1	20.97	21.07	21.05	21.70
3GPP Rel 6	HSDPA Subtest-2	21.01	21.06	21.01	21.70
3GPP Rel 6	HSDPA Subtest-3	20.44	20.60	20.51	21.20
3GPP Rel 6	HSDPA Subtest-4	20.44	20.54	20.50	21.20
3GPP Rel 8	DC-HSDPA Subtest-1	21.00	21.01	20.96	21.70
3GPP Rel 8	DC-HSDPA Subtest-2	20.90	20.99	20.93	21.70
3GPP Rel 8	DC-HSDPA Subtest-3	20.36	20.48	20.45	21.20
3GPP Rel 8	DC-HSDPA Subtest-4	20.35	20.50	20.41	21.20
3GPP Rel 6	HSUPA Subtest-1	20.89	20.96	20.96	21.70
3GPP Rel 6	HSUPA Subtest-2	18.90	18.96	19.02	19.70
3GPP Rel 6	HSUPA Subtest-3	20.05	20.16	20.06	20.70
3GPP Rel 6	HSUPA Subtest-4	18.93	18.98	19.01	19.70
3GPP Rel 6	HSUPA Subtest-5	20.80	21.01	20.82	21.70
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.46	18.67	18.53	19.20

【WCDMA V_Ant 1_DSI3】

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	21.94	22.08	22.01	22.70
3GPP Rel 99	RMC 12.2Kbps	21.95	22.09	22.02	22.70
3GPP Rel 6	HSDPA Subtest-1	20.97	21.07	21.05	21.70
3GPP Rel 6	HSDPA Subtest-2	21.01	21.06	21.01	21.70
3GPP Rel 6	HSDPA Subtest-3	20.44	20.60	20.51	21.20
3GPP Rel 6	HSDPA Subtest-4	20.44	20.54	20.50	21.20
3GPP Rel 8	DC-HSDPA Subtest-1	21.00	21.01	20.96	21.70
3GPP Rel 8	DC-HSDPA Subtest-2	20.90	20.99	20.93	21.70
3GPP Rel 8	DC-HSDPA Subtest-3	20.36	20.48	20.45	21.20
3GPP Rel 8	DC-HSDPA Subtest-4	20.35	20.50	20.41	21.20
3GPP Rel 6	HSUPA Subtest-1	20.89	20.96	20.96	21.70
3GPP Rel 6	HSUPA Subtest-2	18.90	18.96	19.02	19.70
3GPP Rel 6	HSUPA Subtest-3	20.05	20.16	20.06	20.70
3GPP Rel 6	HSUPA Subtest-4	18.93	18.98	19.01	19.70
3GPP Rel 6	HSUPA Subtest-5	20.80	21.01	20.82	21.70
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.46	18.67	18.53	19.20

【WCDMA V_Ant 1_DSI4】

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	21.94	22.08	22.01	22.70
3GPP Rel 99	RMC 12.2Kbps	21.95	22.09	22.02	22.70
3GPP Rel 6	HSDPA Subtest-1	20.97	21.07	21.05	21.70
3GPP Rel 6	HSDPA Subtest-2	21.01	21.06	21.01	21.70
3GPP Rel 6	HSDPA Subtest-3	20.44	20.60	20.51	21.20
3GPP Rel 6	HSDPA Subtest-4	20.44	20.54	20.50	21.20
3GPP Rel 8	DC-HSDPA Subtest-1	21.00	21.01	20.96	21.70
3GPP Rel 8	DC-HSDPA Subtest-2	20.90	20.99	20.93	21.70
3GPP Rel 8	DC-HSDPA Subtest-3	20.36	20.48	20.45	21.20
3GPP Rel 8	DC-HSDPA Subtest-4	20.35	20.50	20.41	21.20
3GPP Rel 6	HSUPA Subtest-1	20.89	20.96	20.96	21.70
3GPP Rel 6	HSUPA Subtest-2	18.90	18.96	19.02	19.70
3GPP Rel 6	HSUPA Subtest-3	20.05	20.16	20.06	20.70
3GPP Rel 6	HSUPA Subtest-4	18.93	18.98	19.01	19.70
3GPP Rel 6	HSUPA Subtest-5	20.80	21.01	20.82	21.70
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.46	18.67	18.53	19.20

【WCDMA V_Ant 1_DSI5】

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	21.94	22.08	22.01	22.70
3GPP Rel 99	RMC 12.2Kbps	21.95	22.09	22.02	22.70
3GPP Rel 6	HSDPA Subtest-1	20.97	21.07	21.05	21.70
3GPP Rel 6	HSDPA Subtest-2	21.01	21.06	21.01	21.70
3GPP Rel 6	HSDPA Subtest-3	20.44	20.60	20.51	21.20
3GPP Rel 6	HSDPA Subtest-4	20.44	20.54	20.50	21.20
3GPP Rel 8	DC-HSDPA Subtest-1	21.00	21.01	20.96	21.70
3GPP Rel 8	DC-HSDPA Subtest-2	20.90	20.99	20.93	21.70
3GPP Rel 8	DC-HSDPA Subtest-3	20.36	20.48	20.45	21.20
3GPP Rel 8	DC-HSDPA Subtest-4	20.35	20.50	20.41	21.20
3GPP Rel 6	HSUPA Subtest-1	20.89	20.96	20.96	21.70
3GPP Rel 6	HSUPA Subtest-2	18.90	18.96	19.02	19.70
3GPP Rel 6	HSUPA Subtest-3	20.05	20.16	20.06	20.70
3GPP Rel 6	HSUPA Subtest-4	18.93	18.98	19.01	19.70
3GPP Rel 6	HSUPA Subtest-5	20.80	21.01	20.82	21.70
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.46	18.67	18.53	19.20

<LTE Conducted Power>

【LTE Band 2_Ant 4_Default】

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	25.09	25.29	25.22	25.70
20	QPSK	1	49	24.90	25.23	25.06	25.70
20	QPSK	1	99	24.88	25.18	25.09	25.70
20	QPSK	50	0	23.88	24.15	24.01	24.70
20	QPSK	50	24	23.72	24.04	23.88	24.70
20	QPSK	50	50	23.82	24.06	23.98	24.70
20	QPSK	100	0	23.92	24.26	24.18	24.70
20	16QAM	1	0	24.00	24.26	24.14	24.70
20	16QAM	1	49	23.91	24.18	23.99	24.70
20	16QAM	1	99	23.97	24.20	24.07	24.70
20	16QAM	50	0	22.88	23.14	22.96	23.70
20	16QAM	50	24	22.77	23.05	22.89	23.70
20	16QAM	50	50	22.82	23.08	22.92	23.70
20	16QAM	100	0	22.91	23.15	22.99	23.70
20	64QAM	1	0	22.85	23.14	22.97	23.70
20	64QAM	1	49	22.74	23.06	22.98	23.70
20	64QAM	1	99	22.80	23.00	22.89	23.70
20	64QAM	50	0	21.98	22.17	22.09	22.70
20	64QAM	50	24	21.77	22.06	21.94	22.70
20	64QAM	50	50	21.81	22.04	21.89	22.70
20	64QAM	100	0	21.97	22.27	22.19	22.70
20	256QAM	1	0	19.92	20.18	20.04	20.70
20	256QAM	1	49	19.87	20.13	19.95	20.70
20	256QAM	1	99	19.83	20.06	19.98	20.70
20	256QAM	50	0	19.95	20.12	20.00	20.70
20	256QAM	50	24	19.75	20.02	19.90	20.70
20	256QAM	50	50	19.81	20.03	19.92	20.70
20	256QAM	100	0	19.93	20.14	19.96	20.70
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	24.99	25.26	25.12	25.70
15	QPSK	1	37	24.80	25.14	25.00	25.70
15	QPSK	1	74	24.77	25.17	25.05	25.70
15	QPSK	36	0	23.76	24.12	23.91	24.70
15	QPSK	36	20	23.69	23.97	23.75	24.70
15	QPSK	36	39	23.68	23.95	23.83	24.70
15	QPSK	75	0	23.90	24.19	24.05	24.70
15	16QAM	1	0	23.87	24.17	24.05	24.70
15	16QAM	1	37	23.88	24.16	23.87	24.70
15	16QAM	1	74	23.89	24.18	24.05	24.70
15	16QAM	36	0	22.84	23.06	22.89	23.70
15	16QAM	36	20	22.65	23.00	22.85	23.70
15	16QAM	36	39	22.70	23.00	22.82	23.70
15	16QAM	75	0	22.85	23.12	22.90	23.70
15	64QAM	1	0	22.74	23.12	22.92	23.70
15	64QAM	1	37	22.65	22.92	22.94	23.70
15	64QAM	1	74	22.65	22.87	22.83	23.70
15	64QAM	36	0	21.84	22.13	22.07	22.70
15	64QAM	36	20	21.74	21.93	21.88	22.70
15	64QAM	36	39	21.73	22.00	21.76	22.70
15	64QAM	75	0	21.93	22.19	22.13	22.70
15	256QAM	1	0	19.88	20.03	19.99	20.70
15	256QAM	1	37	19.80	20.07	19.92	20.70
15	256QAM	1	74	19.74	19.91	19.89	20.70
15	256QAM	36	0	19.82	20.07	19.96	20.70
15	256QAM	36	20	19.69	20.00	19.88	20.70
15	256QAM	36	39	19.70	19.91	19.79	20.70
15	256QAM	75	0	19.91	20.12	19.93	20.70
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	25.01	25.22	25.08	25.70
10	QPSK	1	25	24.82	25.08	25.04	25.70
10	QPSK	1	49	24.78	25.09	25.01	25.70
10	QPSK	25	0	23.75	24.10	23.95	24.70
10	QPSK	25	12	23.60	23.94	23.84	24.70
10	QPSK	25	25	23.78	23.94	23.96	24.70
10	QPSK	50	0	23.83	24.19	24.12	24.70
10	16QAM	1	0	23.88	24.24	24.09	24.70

10	16QAM	1	25	23.76	24.12	23.89	24.70
10	16QAM	1	49	23.96	24.18	23.99	24.70
10	16QAM	25	0	22.77	23.03	22.93	23.70
10	16QAM	25	12	22.67	22.91	22.77	23.70
10	16QAM	25	25	22.70	22.99	22.82	23.70
10	16QAM	50	0	22.77	23.04	22.96	23.70
10	64QAM	1	0	22.73	23.07	22.95	23.70
10	64QAM	1	25	22.72	22.93	22.95	23.70
10	64QAM	1	49	22.75	22.95	22.86	23.70
10	64QAM	25	0	21.85	22.06	22.01	22.70
10	64QAM	25	12	21.76	21.95	21.79	22.70
10	64QAM	25	25	21.77	21.97	21.78	22.70
10	64QAM	50	0	21.92	22.24	22.12	22.70
10	256QAM	1	0	19.83	20.09	19.92	20.70
10	256QAM	1	25	19.84	20.02	19.92	20.70
10	256QAM	1	49	19.78	19.92	19.94	20.70
10	256QAM	25	0	19.87	20.07	19.90	20.70
10	256QAM	25	12	19.73	19.99	19.84	20.70
10	256QAM	25	25	19.79	20.01	19.84	20.70
10	256QAM	50	0	19.91	20.04	19.85	20.70
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	24.95	25.19	25.10	25.70
5	QPSK	1	12	24.78	25.13	24.98	25.70
5	QPSK	1	24	24.75	25.15	25.03	25.70
5	QPSK	12	0	23.87	24.13	23.88	24.70
5	QPSK	12	7	23.62	23.99	23.78	24.70
5	QPSK	12	13	23.75	24.04	23.89	24.70
5	QPSK	25	0	23.89	24.25	24.09	24.70
5	16QAM	1	0	23.96	24.20	24.10	24.70
5	16QAM	1	12	23.87	24.13	23.86	24.70
5	16QAM	1	24	23.96	24.05	23.97	24.70
5	16QAM	12	0	22.84	23.06	22.90	23.70
5	16QAM	12	7	22.62	22.97	22.84	23.70
5	16QAM	12	13	22.69	22.97	22.82	23.70
5	16QAM	25	0	22.79	23.11	22.94	23.70
5	64QAM	1	0	22.81	23.11	22.90	23.70
5	64QAM	1	12	22.67	22.93	22.94	23.70
5	64QAM	1	24	22.78	22.99	22.83	23.70
5	64QAM	12	0	21.87	22.11	22.04	22.70
5	64QAM	12	7	21.71	21.94	21.85	22.70
5	64QAM	12	13	21.69	21.90	21.82	22.70
5	64QAM	25	0	21.90	22.23	22.06	22.70
5	256QAM	1	0	19.81	20.05	19.97	20.70
5	256QAM	1	12	19.78	20.12	19.84	20.70
5	256QAM	1	24	19.81	19.94	19.90	20.70
5	256QAM	12	0	19.88	20.01	19.87	20.70
5	256QAM	12	7	19.67	19.93	19.82	20.70
5	256QAM	12	13	19.72	19.99	19.80	20.70
5	256QAM	25	0	19.90	20.10	19.89	20.70
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	25.07	25.24	25.13	25.70
3	QPSK	1	8	24.88	25.18	25.04	25.70
3	QPSK	1	14	24.86	25.05	25.07	25.70
3	QPSK	8	0	23.78	24.11	23.90	24.70
3	QPSK	8	4	23.61	23.99	23.82	24.70
3	QPSK	8	7	23.77	23.93	23.89	24.70
3	QPSK	15	0	23.81	24.12	24.04	24.70
3	16QAM	1	0	23.92	24.25	24.09	24.70
3	16QAM	1	8	23.78	24.16	23.91	24.70
3	16QAM	1	14	23.90	24.10	24.05	24.70
3	16QAM	8	0	22.82	22.99	22.86	23.70
3	16QAM	8	4	22.69	22.91	22.84	23.70
3	16QAM	8	7	22.80	23.06	22.77	23.70
3	16QAM	15	0	22.77	23.12	22.95	23.70
3	64QAM	1	0	22.77	23.00	22.93	23.70
3	64QAM	1	8	22.68	23.02	22.90	23.70
3	64QAM	1	14	22.73	22.89	22.77	23.70
3	64QAM	8	0	21.94	22.07	22.00	22.70
3	64QAM	8	4	21.69	21.98	21.84	22.70
3	64QAM	8	7	21.75	21.93	21.84	22.70
3	64QAM	15	0	21.83	22.15	22.07	22.70
3	256QAM	1	0	19.80	20.15	19.97	20.70
3	256QAM	1	8	19.78	20.08	19.89	20.70
3	256QAM	1	14	19.77	20.04	19.94	20.70
3	256QAM	8	0	19.82	20.08	19.94	20.70
3	256QAM	8	4	19.63	19.98	19.78	20.70

3	256QAM	8	7	19.74	19.94	19.89	20.70
3	256QAM	15	0	19.86	20.03	19.89	20.70
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	25.07	25.16	25.15	25.70
1.4	QPSK	1	3	24.76	25.09	25.03	25.70
1.4	QPSK	1	5	24.82	25.05	24.98	25.70
1.4	QPSK	3	0	24.85	25.09	24.97	25.70
1.4	QPSK	3	1	24.64	24.93	24.77	25.70
1.4	QPSK	3	3	24.74	25.00	24.93	25.70
1.4	QPSK	6	0	23.88	24.22	24.05	24.70
1.4	16QAM	1	0	23.97	24.25	24.02	24.70
1.4	16QAM	1	3	23.90	24.09	23.86	24.70
1.4	16QAM	1	5	23.88	24.06	24.02	24.70
1.4	16QAM	3	0	23.87	24.02	23.85	24.70
1.4	16QAM	3	1	23.74	23.91	23.86	24.70
1.4	16QAM	3	3	23.74	23.95	23.79	24.70
1.4	16QAM	6	0	22.86	23.02	22.88	23.70
1.4	64QAM	1	0	22.71	23.05	22.84	23.70
1.4	64QAM	1	3	22.63	23.02	22.94	23.70
1.4	64QAM	1	5	22.71	22.87	22.86	23.70
1.4	64QAM	3	0	22.86	23.12	23.01	23.70
1.4	64QAM	3	1	22.68	22.98	22.88	23.70
1.4	64QAM	3	3	22.75	22.98	22.83	23.70
1.4	64QAM	6	0	21.92	22.20	22.12	22.70
1.4	256QAM	1	0	19.79	20.11	19.99	20.70
1.4	256QAM	1	3	19.77	20.06	19.88	20.70
1.4	256QAM	1	5	19.68	20.05	19.94	20.70
1.4	256QAM	3	0	19.86	19.99	19.93	20.70
1.4	256QAM	3	1	19.66	19.97	19.76	20.70
1.4	256QAM	3	3	19.67	19.95	19.83	20.70
1.4	256QAM	6	0	19.86	20.12	19.83	20.70

【LTE Band 2_Ant 4_DSI1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	18.50	18.62	18.45	19.20
20	QPSK	1	49	18.32	18.48	18.21	19.20
20	QPSK	1	99	18.30	18.51	18.28	19.20
20	QPSK	50	0	18.35	18.52	18.32	19.20
20	QPSK	50	24	18.22	18.35	18.17	19.20
20	QPSK	50	50	18.24	18.40	18.20	19.20
20	QPSK	100	0	18.14	18.38	18.19	19.20
20	16QAM	1	0	18.13	18.35	18.08	19.20
20	16QAM	1	49	17.98	18.22	17.91	19.20
20	16QAM	1	99	18.07	18.31	17.99	19.20
20	16QAM	50	0	18.08	18.25	17.94	19.20
20	16QAM	50	24	18.26	18.42	18.13	19.20
20	16QAM	50	50	18.15	18.30	18.11	19.20
20	16QAM	100	0	18.36	18.55	18.25	19.20
20	64QAM	1	0	18.21	18.34	18.08	19.20
20	64QAM	1	49	18.11	18.28	17.97	19.20
20	64QAM	1	99	18.38	18.52	18.26	19.20
20	64QAM	50	0	18.15	18.40	18.13	19.20
20	64QAM	50	24	18.13	18.38	18.08	19.20
20	64QAM	50	50	18.32	18.50	18.30	19.20
20	64QAM	100	0	18.30	18.49	18.20	19.20
20	256QAM	1	0	18.22	18.46	18.15	19.20
20	256QAM	1	49	18.35	18.59	18.35	19.20
20	256QAM	1	99	18.24	18.37	18.09	19.20
20	256QAM	50	0	18.30	18.50	18.28	19.20
20	256QAM	50	24	18.25	18.43	18.22	19.20
20	256QAM	50	50	18.18	18.44	18.12	19.20
20	256QAM	100	0	18.09	18.36	18.17	19.20
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	18.46	18.58	18.37	19.20
15	QPSK	1	37	18.27	18.39	18.13	19.20
15	QPSK	1	74	18.15	18.44	18.19	19.20
15	QPSK	36	0	18.23	18.51	18.28	19.20

15	QPSK	36	20	18.18	18.25	18.09	19.20
15	QPSK	36	39	18.12	18.28	18.06	19.20
15	QPSK	75	0	18.09	18.33	18.18	19.20
15	16QAM	1	0	18.11	18.32	17.97	19.20
15	16QAM	1	37	17.91	18.19	17.85	19.20
15	16QAM	1	74	18.02	18.18	17.89	19.20
15	16QAM	36	0	18.00	18.16	17.88	19.20
15	16QAM	36	20	18.14	18.31	18.02	19.20
15	16QAM	36	39	18.14	18.15	18.01	19.20
15	16QAM	75	0	18.31	18.53	18.20	19.20
15	64QAM	1	0	18.12	18.28	17.96	19.20
15	64QAM	1	37	17.98	18.15	17.93	19.20
15	64QAM	1	74	18.37	18.48	18.13	19.20
15	64QAM	36	0	18.05	18.29	18.03	19.20
15	64QAM	36	20	18.08	18.30	17.98	19.20
15	64QAM	36	39	18.18	18.43	18.18	19.20
15	64QAM	75	0	18.18	18.39	18.19	19.20
15	256QAM	1	0	18.17	18.39	18.02	19.20
15	256QAM	1	37	18.27	18.47	18.31	19.20
15	256QAM	1	74	18.17	18.33	17.95	19.20
15	256QAM	36	0	18.17	18.42	18.22	19.20
15	256QAM	36	20	18.13	18.40	18.09	19.20
15	256QAM	36	39	18.03	18.35	18.04	19.20
15	256QAM	75	0	17.95	18.30	18.05	19.20
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	18.40	18.52	18.32	19.20
10	QPSK	1	25	18.27	18.38	18.18	19.20
10	QPSK	1	49	18.17	18.48	18.22	19.20
10	QPSK	25	0	18.23	18.37	18.22	19.20
10	QPSK	25	12	18.13	18.21	18.15	19.20
10	QPSK	25	25	18.11	18.32	18.15	19.20
10	QPSK	50	0	18.09	18.27	18.12	19.20
10	16QAM	1	0	18.02	18.27	18.06	19.20
10	16QAM	1	25	17.91	18.11	17.80	19.20
10	16QAM	1	49	18.01	18.23	17.91	19.20
10	16QAM	25	0	18.07	18.16	17.87	19.20
10	16QAM	25	12	18.15	18.39	17.99	19.20
10	16QAM	25	25	18.09	18.26	17.99	19.20
10	16QAM	50	0	18.21	18.50	18.10	19.20
10	64QAM	1	0	18.08	18.26	17.95	19.20
10	64QAM	1	25	17.98	18.26	17.89	19.20
10	64QAM	1	49	18.36	18.40	18.15	19.20
10	64QAM	25	0	18.01	18.26	18.00	19.20
10	64QAM	25	12	18.01	18.37	17.94	19.20
10	64QAM	25	25	18.28	18.39	18.28	19.20
10	64QAM	50	0	18.26	18.41	18.08	19.20
10	256QAM	1	0	18.15	18.32	18.05	19.20
10	256QAM	1	25	18.30	18.47	18.21	19.20
10	256QAM	1	49	18.15	18.22	17.99	19.20
10	256QAM	25	0	18.16	18.35	18.17	19.20
10	256QAM	25	12	18.14	18.31	18.16	19.20
10	256QAM	25	25	18.12	18.37	18.10	19.20
10	256QAM	50	0	17.97	18.29	18.04	19.20
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	18.44	18.51	18.43	19.20
5	QPSK	1	12	18.19	18.39	18.13	19.20
5	QPSK	1	24	18.27	18.38	18.27	19.20
5	QPSK	12	0	18.31	18.40	18.23	19.20
5	QPSK	12	7	18.18	18.29	18.05	19.20
5	QPSK	12	13	18.16	18.31	18.06	19.20
5	QPSK	25	0	18.01	18.26	18.06	19.20
5	16QAM	1	0	17.99	18.33	17.94	19.20
5	16QAM	1	12	17.96	18.12	17.90	19.20
5	16QAM	1	24	18.06	18.27	17.84	19.20
5	16QAM	12	0	17.97	18.10	17.82	19.20
5	16QAM	12	7	18.23	18.35	18.04	19.20
5	16QAM	12	13	18.12	18.17	18.04	19.20
5	16QAM	25	0	18.23	18.49	18.21	19.20
5	64QAM	1	0	18.08	18.21	17.93	19.20
5	64QAM	1	12	18.10	18.19	17.87	19.20
5	64QAM	1	24	18.28	18.48	18.13	19.20
5	64QAM	12	0	18.06	18.36	18.08	19.20
5	64QAM	12	7	18.08	18.34	18.02	19.20
5	64QAM	12	13	18.23	18.42	18.19	19.20
5	64QAM	25	0	18.28	18.39	18.08	19.20
5	256QAM	1	0	18.10	18.40	18.05	19.20

5	256QAM	1	12	18.24	18.50	18.29	19.20
5	256QAM	1	24	18.21	18.35	17.97	19.20
5	256QAM	12	0	18.27	18.36	18.21	19.20
5	256QAM	12	7	18.24	18.28	18.07	19.20
5	256QAM	12	13	18.16	18.32	18.03	19.20
5	256QAM	25	0	17.96	18.21	18.16	19.20
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	18.45	18.50	18.42	19.20
3	QPSK	1	8	18.25	18.37	18.11	19.20
3	QPSK	1	14	18.22	18.36	18.19	19.20
3	QPSK	8	0	18.23	18.48	18.19	19.20
3	QPSK	8	4	18.19	18.30	18.03	19.20
3	QPSK	8	7	18.11	18.37	18.09	19.20
3	QPSK	15	0	18.01	18.26	18.14	19.20
3	16QAM	1	0	18.11	18.24	18.05	19.20
3	16QAM	1	8	17.85	18.17	17.89	19.20
3	16QAM	1	14	17.96	18.24	17.96	19.20
3	16QAM	8	0	17.96	18.17	17.80	19.20
3	16QAM	8	4	18.18	18.27	18.05	19.20
3	16QAM	8	7	18.08	18.18	17.96	19.20
3	16QAM	15	0	18.30	18.42	18.19	19.20
3	64QAM	1	0	18.08	18.31	17.93	19.20
3	64QAM	1	8	18.05	18.25	17.93	19.20
3	64QAM	1	14	18.24	18.47	18.15	19.20
3	64QAM	8	0	18.10	18.32	18.03	19.20
3	64QAM	8	4	18.00	18.23	18.03	19.20
3	64QAM	8	7	18.24	18.46	18.23	19.20
3	64QAM	15	0	18.28	18.39	18.17	19.20
3	256QAM	1	0	18.11	18.40	18.02	19.20
3	256QAM	1	8	18.29	18.51	18.26	19.20
3	256QAM	1	14	18.20	18.26	18.06	19.20
3	256QAM	8	0	18.29	18.37	18.21	19.20
3	256QAM	8	4	18.18	18.42	18.10	19.20
3	256QAM	8	7	18.10	18.37	18.07	19.20
3	256QAM	15	0	18.02	18.35	18.13	19.20
Channel				18607	18900	19193	Tune-up limit
Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	18.39	18.50	18.40	19.20
1.4	QPSK	1	3	18.30	18.42	18.09	19.20
1.4	QPSK	1	5	18.19	18.45	18.21	19.20
1.4	QPSK	3	0	18.33	18.39	18.19	19.20
1.4	QPSK	3	1	18.11	18.27	18.16	19.20
1.4	QPSK	3	3	18.12	18.39	18.18	19.20
1.4	QPSK	6	0	18.02	18.26	18.15	19.20
1.4	16QAM	1	0	18.11	18.31	18.00	19.20
1.4	16QAM	1	3	17.89	18.19	17.89	19.20
1.4	16QAM	1	5	17.99	18.28	17.84	19.20
1.4	16QAM	3	0	18.01	18.15	17.80	19.20
1.4	16QAM	3	1	18.19	18.40	18.10	19.20
1.4	16QAM	3	3	18.05	18.25	18.02	19.20
1.4	16QAM	6	0	18.34	18.44	18.18	19.20
1.4	64QAM	1	0	18.09	18.22	18.03	19.20
1.4	64QAM	1	3	17.98	18.13	17.93	19.20
1.4	64QAM	1	5	18.23	18.43	18.20	19.20
1.4	64QAM	3	0	18.04	18.36	18.09	19.20
1.4	64QAM	3	1	18.02	18.29	18.01	19.20
1.4	64QAM	3	3	18.25	18.36	18.26	19.20
1.4	64QAM	6	0	18.17	18.35	18.11	19.20
1.4	256QAM	1	0	18.18	18.31	18.12	19.20
1.4	256QAM	1	3	18.26	18.50	18.25	19.20
1.4	256QAM	1	5	18.16	18.25	18.07	19.20
1.4	256QAM	3	0	18.19	18.47	18.21	19.20
1.4	256QAM	3	1	18.12	18.35	18.10	19.20
1.4	256QAM	3	3	18.09	18.41	18.11	19.20
1.4	256QAM	6	0	17.98	18.24	18.11	19.20

【LTE Band 2_Ant 4_DSI3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	20.98	21.11	21.04	21.70
20	QPSK	1	49	20.83	21.05	20.90	21.70
20	QPSK	1	99	20.94	20.96	20.89	21.70
20	QPSK	50	0	20.86	21.02	20.87	21.70
20	QPSK	50	24	20.84	20.85	20.86	21.70
20	QPSK	50	50	20.82	20.86	20.72	21.70
20	QPSK	100	0	20.71	20.81	20.71	21.70
20	16QAM	1	0	20.67	20.76	20.93	21.70
20	16QAM	1	49	20.76	20.70	20.81	21.70
20	16QAM	1	99	20.72	20.81	20.79	21.70
20	16QAM	50	0	20.85	20.77	20.83	21.70
20	16QAM	50	24	20.84	20.90	20.95	21.70
20	16QAM	50	50	20.94	20.78	20.85	21.70
20	16QAM	100	0	20.72	20.95	20.92	21.70
20	64QAM	1	0	20.78	20.80	21.00	21.70
20	64QAM	1	49	20.77	20.88	20.94	21.70
20	64QAM	1	99	20.79	21.06	20.89	21.70
20	64QAM	50	0	20.95	20.91	20.78	21.70
20	64QAM	50	24	20.87	20.84	20.78	21.70
20	64QAM	50	50	20.81	20.89	20.94	21.70
20	64QAM	100	0	20.84	20.95	20.89	21.70
20	256QAM	1	0	19.92	20.18	20.04	20.70
20	256QAM	1	49	19.87	20.13	19.95	20.70
20	256QAM	1	99	19.83	20.06	19.98	20.70
20	256QAM	50	0	19.95	20.12	20.00	20.70
20	256QAM	50	24	19.75	20.02	19.90	20.70
20	256QAM	50	50	19.81	20.03	19.92	20.70
20	256QAM	100	0	19.93	20.14	19.96	20.70
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	20.95	21.02	20.92	21.70
15	QPSK	1	37	20.80	20.93	20.87	21.70
15	QPSK	1	74	20.85	20.90	20.77	21.70
15	QPSK	36	0	20.83	20.98	20.75	21.70
15	QPSK	36	20	20.73	20.72	20.78	21.70
15	QPSK	36	39	20.70	20.76	20.67	21.70
15	QPSK	75	0	20.63	20.69	20.57	21.70
15	16QAM	1	0	20.60	20.69	20.78	21.70
15	16QAM	1	37	20.69	20.66	20.67	21.70
15	16QAM	1	74	20.66	20.72	20.68	21.70
15	16QAM	36	0	20.78	20.66	20.80	21.70
15	16QAM	36	20	20.79	20.78	20.91	21.70
15	16QAM	36	39	20.87	20.70	20.70	21.70
15	16QAM	75	0	20.63	20.86	20.86	21.70
15	64QAM	1	0	20.69	20.78	20.93	21.70
15	64QAM	1	37	20.64	20.85	20.84	21.70
15	64QAM	1	74	20.68	20.93	20.80	21.70
15	64QAM	36	0	20.86	20.82	20.66	21.70
15	64QAM	36	20	20.79	20.77	20.64	21.70
15	64QAM	36	39	20.73	20.80	20.86	21.70
15	64QAM	75	0	20.79	20.80	20.82	21.70
15	256QAM	1	0	19.85	20.05	19.92	20.70
15	256QAM	1	37	19.78	20.03	19.93	20.70
15	256QAM	1	74	19.78	20.05	19.89	20.70
15	256QAM	36	0	19.84	19.97	19.98	20.70
15	256QAM	36	20	19.62	19.93	19.85	20.70
15	256QAM	36	39	19.76	19.89	19.89	20.70
15	256QAM	75	0	19.78	20.01	19.93	20.70
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	20.94	21.02	20.95	21.70
10	QPSK	1	25	20.72	21.03	20.77	21.70
10	QPSK	1	49	20.83	20.90	20.88	21.70
10	QPSK	25	0	20.84	20.92	20.85	21.70
10	QPSK	25	12	20.77	20.74	20.79	21.70
10	QPSK	25	25	20.70	20.79	20.59	21.70
10	QPSK	50	0	20.64	20.77	20.62	21.70
10	16QAM	1	0	20.62	20.68	20.88	21.70
10	16QAM	1	25	20.62	20.65	20.72	21.70

10	16QAM	1	49	20.69	20.71	20.70	21.70
10	16QAM	25	0	20.79	20.73	20.75	21.70
10	16QAM	25	12	20.82	20.83	20.82	21.70
10	16QAM	25	25	20.85	20.74	20.75	21.70
10	16QAM	50	0	20.63	20.85	20.84	21.70
10	64QAM	1	0	20.70	20.68	20.98	21.70
10	64QAM	1	25	20.65	20.85	20.81	21.70
10	64QAM	1	49	20.67	21.03	20.74	21.70
10	64QAM	25	0	20.80	20.83	20.67	21.70
10	64QAM	25	12	20.75	20.75	20.64	21.70
10	64QAM	25	25	20.66	20.80	20.92	21.70
10	64QAM	50	0	20.75	20.82	20.81	21.70
10	256QAM	1	0	19.78	20.14	20.00	20.70
10	256QAM	1	25	19.75	20.09	19.88	20.70
10	256QAM	1	49	19.79	19.94	19.90	20.70
10	256QAM	25	0	19.84	19.99	19.95	20.70
10	256QAM	25	12	19.73	19.97	19.85	20.70
10	256QAM	25	25	19.72	19.92	19.89	20.70
10	256QAM	50	0	19.91	20.10	19.92	20.70
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	20.84	20.99	20.99	21.70
5	QPSK	1	12	20.72	21.03	20.79	21.70
5	QPSK	1	24	20.89	20.87	20.83	21.70
5	QPSK	12	0	20.78	20.98	20.80	21.70
5	QPSK	12	7	20.74	20.71	20.74	21.70
5	QPSK	12	13	20.78	20.81	20.58	21.70
5	QPSK	25	0	20.62	20.68	20.66	21.70
5	16QAM	1	0	20.66	20.65	20.83	21.70
5	16QAM	1	12	20.71	20.56	20.66	21.70
5	16QAM	1	24	20.68	20.79	20.67	21.70
5	16QAM	12	0	20.78	20.62	20.77	21.70
5	16QAM	12	7	20.73	20.82	20.82	21.70
5	16QAM	12	13	20.85	20.68	20.78	21.70
5	16QAM	25	0	20.58	20.81	20.82	21.70
5	64QAM	1	0	20.63	20.73	20.89	21.70
5	64QAM	1	12	20.75	20.82	20.89	21.70
5	64QAM	1	24	20.71	20.95	20.76	21.70
5	64QAM	12	0	20.94	20.80	20.74	21.70
5	64QAM	12	7	20.86	20.75	20.72	21.70
5	64QAM	12	13	20.77	20.80	20.88	21.70
5	64QAM	25	0	20.78	20.83	20.85	21.70
5	256QAM	1	0	19.87	20.13	19.89	20.70
5	256QAM	1	12	19.84	20.07	19.84	20.70
5	256QAM	1	24	19.77	19.97	19.93	20.70
5	256QAM	12	0	19.82	20.06	19.88	20.70
5	256QAM	12	7	19.61	19.93	19.88	20.70
5	256QAM	12	13	19.70	19.99	19.81	20.70
5	256QAM	25	0	19.81	20.11	19.86	20.70
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	20.92	21.01	20.99	21.70
3	QPSK	1	8	20.78	20.93	20.86	21.70
3	QPSK	1	14	20.90	20.87	20.82	21.70
3	QPSK	8	0	20.74	21.00	20.74	21.70
3	QPSK	8	4	20.81	20.76	20.80	21.70
3	QPSK	8	7	20.78	20.83	20.59	21.70
3	QPSK	15	0	20.65	20.75	20.65	21.70
3	16QAM	1	0	20.58	20.62	20.83	21.70
3	16QAM	1	8	20.68	20.66	20.75	21.70
3	16QAM	1	14	20.60	20.71	20.72	21.70
3	16QAM	8	0	20.80	20.65	20.73	21.70
3	16QAM	8	4	20.74	20.86	20.84	21.70
3	16QAM	8	7	20.85	20.74	20.81	21.70
3	16QAM	15	0	20.70	20.84	20.91	21.70
3	64QAM	1	0	20.72	20.69	20.97	21.70
3	64QAM	1	8	20.65	20.75	20.91	21.70
3	64QAM	1	14	20.75	21.03	20.83	21.70
3	64QAM	8	0	20.91	20.81	20.70	21.70
3	64QAM	8	4	20.85	20.81	20.75	21.70
3	64QAM	8	7	20.76	20.84	20.86	21.70
3	64QAM	15	0	20.77	20.81	20.82	21.70
3	256QAM	1	0	19.77	20.07	19.93	20.70
3	256QAM	1	8	19.82	20.03	19.88	20.70
3	256QAM	1	14	19.70	19.92	19.91	20.70
3	256QAM	8	0	19.80	20.06	19.86	20.70
3	256QAM	8	4	19.67	19.98	19.82	20.70
3	256QAM	8	7	19.72	19.99	19.88	20.70

3	256QAM	15	0	19.82	20.10	19.92	20.70
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	20.86	20.97	20.96	21.70
1.4	QPSK	1	3	20.75	21.02	20.77	21.70
1.4	QPSK	1	5	20.82	20.85	20.87	21.70
1.4	QPSK	3	0	20.73	20.98	20.74	21.70
1.4	QPSK	3	1	20.76	20.74	20.71	21.70
1.4	QPSK	3	3	20.72	20.85	20.68	21.70
1.4	QPSK	6	0	20.58	20.76	20.59	21.70
1.4	16QAM	1	0	20.61	20.64	20.88	21.70
1.4	16QAM	1	3	20.69	20.61	20.71	21.70
1.4	16QAM	1	5	20.70	20.78	20.73	21.70
1.4	16QAM	3	0	20.81	20.66	20.69	21.70
1.4	16QAM	3	1	20.77	20.78	20.89	21.70
1.4	16QAM	3	3	20.90	20.65	20.71	21.70
1.4	16QAM	6	0	20.58	20.89	20.77	21.70
1.4	64QAM	1	0	20.65	20.73	20.91	21.70
1.4	64QAM	1	3	20.72	20.82	20.85	21.70
1.4	64QAM	1	5	20.73	21.04	20.80	21.70
1.4	64QAM	3	0	20.81	20.80	20.72	21.70
1.4	64QAM	3	1	20.76	20.74	20.73	21.70
1.4	64QAM	3	3	20.67	20.84	20.90	21.70
1.4	64QAM	6	0	20.75	20.82	20.87	21.70
1.4	256QAM	1	0	19.78	20.15	20.01	20.70
1.4	256QAM	1	3	19.83	20.04	19.81	20.70
1.4	256QAM	1	5	19.68	19.96	19.86	20.70
1.4	256QAM	3	0	19.84	20.06	19.96	20.70
1.4	256QAM	3	1	19.65	19.97	19.75	20.70
1.4	256QAM	3	3	19.70	19.95	19.78	20.70
1.4	256QAM	6	0	19.85	20.03	19.82	20.70

【LTE Band 2_Ant 4_DS14】

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	24.04	24.06	23.96	24.70
20	QPSK	1	49	23.96	24.02	23.79	24.70
20	QPSK	1	99	23.99	23.95	23.80	24.70
20	QPSK	50	0	23.97	23.98	23.83	24.70
20	QPSK	50	24	23.72	23.82	23.73	24.70
20	QPSK	50	50	23.83	23.82	23.76	24.70
20	QPSK	100	0	23.73	23.78	23.70	24.70
20	16QAM	1	0	23.79	23.85	23.92	24.70
20	16QAM	1	49	23.80	23.73	23.90	24.70
20	16QAM	1	99	23.73	23.71	23.81	24.70
20	16QAM	50	0	22.88	23.14	22.96	23.70
20	16QAM	50	24	22.77	23.05	22.89	23.70
20	16QAM	50	50	22.82	23.08	22.92	23.70
20	16QAM	100	0	22.91	23.15	22.99	23.70
20	64QAM	1	0	22.85	23.14	22.97	23.70
20	64QAM	1	49	22.74	23.06	22.98	23.70
20	64QAM	1	99	22.80	23.00	22.89	23.70
20	64QAM	50	0	21.98	22.17	22.09	22.70
20	64QAM	50	24	21.77	22.06	21.94	22.70
20	64QAM	50	50	21.81	22.04	21.89	22.70
20	64QAM	100	0	21.97	22.27	22.19	22.70
20	256QAM	1	0	19.92	20.18	20.04	20.70
20	256QAM	1	49	19.87	20.13	19.95	20.70
20	256QAM	1	99	19.83	20.06	19.98	20.70
20	256QAM	50	0	19.95	20.12	20.00	20.70
20	256QAM	50	24	19.75	20.02	19.90	20.70
20	256QAM	50	50	19.81	20.03	19.92	20.70
20	256QAM	100	0	19.93	20.14	19.96	20.70
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	23.93	23.98	23.95	24.70
15	QPSK	1	37	23.89	23.95	23.75	24.70
15	QPSK	1	74	23.92	23.90	23.69	24.70
15	QPSK	36	0	23.88	23.90	23.82	24.70
15	QPSK	36	20	23.63	23.69	23.60	24.70

15	QPSK	36	39	23.71	23.68	23.65	24.70
15	QPSK	75	0	23.65	23.75	23.65	24.70
15	16QAM	1	0	23.65	23.73	23.78	24.70
15	16QAM	1	37	23.68	23.65	23.85	24.70
15	16QAM	1	74	23.68	23.64	23.75	24.70
15	16QAM	36	0	22.80	23.10	22.85	23.70
15	16QAM	36	20	22.65	23.01	22.82	23.70
15	16QAM	36	39	22.75	23.03	22.82	23.70
15	16QAM	75	0	22.79	23.04	22.87	23.70
15	64QAM	1	0	22.73	23.04	22.94	23.70
15	64QAM	1	37	22.66	23.00	22.95	23.70
15	64QAM	1	74	22.72	22.94	22.83	23.70
15	64QAM	36	0	21.90	22.10	21.97	22.70
15	64QAM	36	20	21.65	21.91	21.80	22.70
15	64QAM	36	39	21.67	21.92	21.75	22.70
15	64QAM	75	0	21.86	22.19	22.15	22.70
15	256QAM	1	0	19.77	20.04	20.02	20.70
15	256QAM	1	37	19.73	20.09	19.85	20.70
15	256QAM	1	74	19.79	20.05	19.86	20.70
15	256QAM	36	0	19.82	19.97	19.86	20.70
15	256QAM	36	20	19.71	19.98	19.84	20.70
15	256QAM	36	39	19.77	19.93	19.83	20.70
15	256QAM	75	0	19.80	20.07	19.91	20.70
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	23.91	24.00	23.94	24.70
10	QPSK	1	25	23.83	23.96	23.66	24.70
10	QPSK	1	49	23.86	23.82	23.68	24.70
10	QPSK	25	0	23.87	23.95	23.70	24.70
10	QPSK	25	12	23.64	23.80	23.69	24.70
10	QPSK	25	25	23.80	23.78	23.63	24.70
10	QPSK	50	0	23.71	23.74	23.59	24.70
10	16QAM	1	0	23.76	23.71	23.86	24.70
10	16QAM	1	25	23.68	23.58	23.79	24.70
10	16QAM	1	49	23.69	23.68	23.79	24.70
10	16QAM	25	0	22.82	23.01	22.85	23.70
10	16QAM	25	12	22.64	22.91	22.83	23.70
10	16QAM	25	25	22.71	23.06	22.81	23.70
10	16QAM	50	0	22.88	23.06	22.96	23.70
10	64QAM	1	0	22.71	23.08	22.86	23.70
10	64QAM	1	25	22.60	22.93	22.90	23.70
10	64QAM	1	49	22.66	22.92	22.85	23.70
10	64QAM	25	0	21.88	22.04	22.03	22.70
10	64QAM	25	12	21.74	22.03	21.82	22.70
10	64QAM	25	25	21.67	22.00	21.76	22.70
10	64QAM	50	0	21.83	22.21	22.15	22.70
10	256QAM	1	0	19.90	20.04	19.96	20.70
10	256QAM	1	25	19.77	20.10	19.93	20.70
10	256QAM	1	49	19.69	20.01	19.94	20.70
10	256QAM	25	0	19.92	20.02	19.90	20.70
10	256QAM	25	12	19.73	19.98	19.87	20.70
10	256QAM	25	25	19.80	19.95	19.88	20.70
10	256QAM	50	0	19.82	20.09	19.85	20.70
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	23.98	24.03	23.86	24.70
5	QPSK	1	12	23.85	23.95	23.66	24.70
5	QPSK	1	24	23.85	23.81	23.77	24.70
5	QPSK	12	0	23.95	23.87	23.69	24.70
5	QPSK	12	7	23.64	23.72	23.66	24.70
5	QPSK	12	13	23.75	23.79	23.73	24.70
5	QPSK	25	0	23.59	23.64	23.69	24.70
5	16QAM	1	0	23.68	23.82	23.81	24.70
5	16QAM	1	12	23.78	23.60	23.86	24.70
5	16QAM	1	24	23.61	23.61	23.70	24.70
5	16QAM	12	0	22.81	23.06	22.93	23.70
5	16QAM	12	7	22.69	22.95	22.85	23.70
5	16QAM	12	13	22.67	22.98	22.84	23.70
5	16QAM	25	0	22.86	23.04	22.86	23.70
5	64QAM	1	0	22.82	22.99	22.84	23.70
5	64QAM	1	12	22.72	22.98	22.95	23.70
5	64QAM	1	24	22.66	22.93	22.84	23.70
5	64QAM	12	0	21.83	22.13	22.01	22.70
5	64QAM	12	7	21.69	22.04	21.85	22.70
5	64QAM	12	13	21.77	21.94	21.84	22.70
5	64QAM	25	0	21.85	22.24	22.10	22.70
5	256QAM	1	0	19.79	20.13	19.96	20.70
5	256QAM	1	12	19.82	20.07	19.92	20.70

5	256QAM	1	24	19.75	20.01	19.93	20.70
5	256QAM	12	0	19.84	20.05	19.88	20.70
5	256QAM	12	7	19.70	19.94	19.81	20.70
5	256QAM	12	13	19.71	20.00	19.88	20.70
5	256QAM	25	0	19.80	20.07	19.90	20.70
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	23.95	23.99	23.83	24.70
3	QPSK	1	8	23.86	24.00	23.76	24.70
3	QPSK	1	14	23.87	23.86	23.68	24.70
3	QPSK	8	0	23.88	23.85	23.70	24.70
3	QPSK	8	4	23.68	23.72	23.69	24.70
3	QPSK	8	7	23.74	23.77	23.73	24.70
3	QPSK	15	0	23.60	23.69	23.64	24.70
3	16QAM	1	0	23.78	23.83	23.88	24.70
3	16QAM	1	8	23.78	23.69	23.87	24.70
3	16QAM	1	14	23.65	23.63	23.66	24.70
3	16QAM	8	0	22.73	23.04	22.90	23.70
3	16QAM	8	4	22.69	23.00	22.78	23.70
3	16QAM	8	7	22.78	22.95	22.78	23.70
3	16QAM	15	0	22.80	23.04	22.93	23.70
3	64QAM	1	0	22.72	23.01	22.83	23.70
3	64QAM	1	8	22.66	23.01	22.87	23.70
3	64QAM	1	14	22.78	22.92	22.85	23.70
3	64QAM	8	0	21.85	22.07	21.96	22.70
3	64QAM	8	4	21.65	21.93	21.83	22.70
3	64QAM	8	7	21.79	21.97	21.75	22.70
3	64QAM	15	0	21.87	22.13	22.14	22.70
3	256QAM	1	0	19.79	20.16	19.98	20.70
3	256QAM	1	8	19.78	20.01	19.91	20.70
3	256QAM	1	14	19.71	20.04	19.96	20.70
3	256QAM	8	0	19.88	19.98	19.90	20.70
3	256QAM	8	4	19.71	19.95	19.78	20.70
3	256QAM	8	7	19.78	19.88	19.78	20.70
3	256QAM	15	0	19.88	20.05	19.90	20.70
Channel				18607	18900	19193	Tune-up limit
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	24.02	23.93	23.86	24.70
1.4	QPSK	1	3	23.95	23.95	23.70	24.70
1.4	QPSK	1	5	23.87	23.84	23.71	24.70
1.4	QPSK	3	0	23.93	23.94	23.72	24.70
1.4	QPSK	3	1	23.66	23.73	23.70	24.70
1.4	QPSK	3	3	23.76	23.76	23.63	24.70
1.4	QPSK	6	0	23.67	23.69	23.66	24.70
1.4	16QAM	1	0	23.70	23.81	23.82	24.70
1.4	16QAM	1	3	23.75	23.70	23.77	24.70
1.4	16QAM	1	5	23.61	23.65	23.80	24.70
1.4	16QAM	3	0	23.75	24.09	23.90	24.70
1.4	16QAM	3	1	23.68	23.91	23.74	24.70
1.4	16QAM	3	3	23.76	23.99	23.90	24.70
1.4	16QAM	6	0	22.87	23.04	22.93	23.70
1.4	64QAM	1	0	22.72	23.09	22.90	23.70
1.4	64QAM	1	3	22.62	22.96	22.89	23.70
1.4	64QAM	1	5	22.70	22.90	22.82	23.70
1.4	64QAM	3	0	22.87	23.13	22.98	23.70
1.4	64QAM	3	1	22.70	22.93	22.93	23.70
1.4	64QAM	3	3	22.66	22.98	22.79	23.70
1.4	64QAM	6	0	21.86	22.17	22.07	22.70
1.4	256QAM	1	0	19.86	20.10	20.01	20.70
1.4	256QAM	1	3	19.74	20.09	19.85	20.70
1.4	256QAM	1	5	19.79	20.01	19.92	20.70
1.4	256QAM	3	0	19.93	20.07	19.94	20.70
1.4	256QAM	3	1	19.71	19.96	19.77	20.70
1.4	256QAM	3	3	19.77	19.96	19.85	20.70
1.4	256QAM	6	0	19.86	20.10	19.90	20.70

【LTE Band 2_Ant 4_DSI5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	18.50	18.62	18.45	19.20
20	QPSK	1	49	18.32	18.48	18.21	19.20
20	QPSK	1	99	18.30	18.51	18.28	19.20
20	QPSK	50	0	18.35	18.52	18.32	19.20
20	QPSK	50	24	18.22	18.35	18.17	19.20
20	QPSK	50	50	18.24	18.40	18.20	19.20
20	QPSK	100	0	18.14	18.38	18.19	19.20
20	16QAM	1	0	18.13	18.35	18.08	19.20
20	16QAM	1	49	17.98	18.22	17.91	19.20
20	16QAM	1	99	18.07	18.31	17.99	19.20
20	16QAM	50	0	18.08	18.25	17.94	19.20
20	16QAM	50	24	18.26	18.42	18.13	19.20
20	16QAM	50	50	18.15	18.30	18.11	19.20
20	16QAM	100	0	18.36	18.55	18.25	19.20
20	64QAM	1	0	18.21	18.34	18.08	19.20
20	64QAM	1	49	18.11	18.28	17.97	19.20
20	64QAM	1	99	18.38	18.52	18.26	19.20
20	64QAM	50	0	18.15	18.40	18.13	19.20
20	64QAM	50	24	18.13	18.38	18.08	19.20
20	64QAM	50	50	18.32	18.50	18.30	19.20
20	64QAM	100	0	18.30	18.49	18.20	19.20
20	256QAM	1	0	18.22	18.46	18.15	19.20
20	256QAM	1	49	18.35	18.59	18.35	19.20
20	256QAM	1	99	18.24	18.37	18.09	19.20
20	256QAM	50	0	18.30	18.50	18.28	19.20
20	256QAM	50	24	18.25	18.43	18.22	19.20
20	256QAM	50	50	18.18	18.44	18.12	19.20
20	256QAM	100	0	18.09	18.36	18.17	19.20
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	18.46	18.58	18.37	19.20
15	QPSK	1	37	18.27	18.39	18.13	19.20
15	QPSK	1	74	18.15	18.44	18.19	19.20
15	QPSK	36	0	18.23	18.51	18.28	19.20
15	QPSK	36	20	18.18	18.25	18.09	19.20
15	QPSK	36	39	18.12	18.28	18.06	19.20
15	QPSK	75	0	18.09	18.33	18.18	19.20
15	16QAM	1	0	18.11	18.32	17.97	19.20
15	16QAM	1	37	17.91	18.19	17.85	19.20
15	16QAM	1	74	18.02	18.18	17.89	19.20
15	16QAM	36	0	18.00	18.16	17.88	19.20
15	16QAM	36	20	18.14	18.31	18.02	19.20
15	16QAM	36	39	18.14	18.15	18.01	19.20
15	16QAM	75	0	18.31	18.53	18.20	19.20
15	64QAM	1	0	18.12	18.28	17.96	19.20
15	64QAM	1	37	17.98	18.15	17.93	19.20
15	64QAM	1	74	18.37	18.48	18.13	19.20
15	64QAM	36	0	18.05	18.29	18.03	19.20
15	64QAM	36	20	18.08	18.30	17.98	19.20
15	64QAM	36	39	18.18	18.43	18.18	19.20
15	64QAM	75	0	18.18	18.39	18.19	19.20
15	256QAM	1	0	18.17	18.39	18.02	19.20
15	256QAM	1	37	18.27	18.47	18.31	19.20
15	256QAM	1	74	18.17	18.33	17.95	19.20
15	256QAM	36	0	18.17	18.42	18.22	19.20
15	256QAM	36	20	18.13	18.40	18.09	19.20
15	256QAM	36	39	18.03	18.35	18.04	19.20
15	256QAM	75	0	17.95	18.30	18.05	19.20
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	18.40	18.52	18.32	19.20
10	QPSK	1	25	18.27	18.38	18.18	19.20
10	QPSK	1	49	18.17	18.48	18.22	19.20
10	QPSK	25	0	18.23	18.37	18.22	19.20
10	QPSK	25	12	18.13	18.21	18.15	19.20
10	QPSK	25	25	18.11	18.32	18.15	19.20
10	QPSK	50	0	18.09	18.27	18.12	19.20
10	16QAM	1	0	18.02	18.27	18.06	19.20

10	16QAM	1	25	17.91	18.11	17.80	19.20
10	16QAM	1	49	18.01	18.23	17.91	19.20
10	16QAM	25	0	18.07	18.16	17.87	19.20
10	16QAM	25	12	18.15	18.39	17.99	19.20
10	16QAM	25	25	18.09	18.26	17.99	19.20
10	16QAM	50	0	18.21	18.50	18.10	19.20
10	64QAM	1	0	18.08	18.26	17.95	19.20
10	64QAM	1	25	17.98	18.26	17.89	19.20
10	64QAM	1	49	18.36	18.40	18.15	19.20
10	64QAM	25	0	18.01	18.26	18.00	19.20
10	64QAM	25	12	18.01	18.37	17.94	19.20
10	64QAM	25	25	18.28	18.39	18.28	19.20
10	64QAM	50	0	18.26	18.41	18.08	19.20
10	256QAM	1	0	18.15	18.32	18.05	19.20
10	256QAM	1	25	18.30	18.47	18.21	19.20
10	256QAM	1	49	18.15	18.22	17.99	19.20
10	256QAM	25	0	18.16	18.35	18.17	19.20
10	256QAM	25	12	18.14	18.31	18.16	19.20
10	256QAM	25	25	18.12	18.37	18.10	19.20
10	256QAM	50	0	17.97	18.29	18.04	19.20
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	18.44	18.51	18.43	19.20
5	QPSK	1	12	18.19	18.39	18.13	19.20
5	QPSK	1	24	18.27	18.38	18.27	19.20
5	QPSK	12	0	18.31	18.40	18.23	19.20
5	QPSK	12	7	18.18	18.29	18.05	19.20
5	QPSK	12	13	18.16	18.31	18.06	19.20
5	QPSK	25	0	18.01	18.26	18.06	19.20
5	16QAM	1	0	17.99	18.33	17.94	19.20
5	16QAM	1	12	17.96	18.12	17.90	19.20
5	16QAM	1	24	18.06	18.27	17.84	19.20
5	16QAM	12	0	17.97	18.10	17.82	19.20
5	16QAM	12	7	18.23	18.35	18.04	19.20
5	16QAM	12	13	18.12	18.17	18.04	19.20
5	16QAM	25	0	18.23	18.49	18.21	19.20
5	64QAM	1	0	18.08	18.21	17.93	19.20
5	64QAM	1	12	18.10	18.19	17.87	19.20
5	64QAM	1	24	18.28	18.48	18.13	19.20
5	64QAM	12	0	18.06	18.36	18.08	19.20
5	64QAM	12	7	18.08	18.34	18.02	19.20
5	64QAM	12	13	18.23	18.42	18.19	19.20
5	64QAM	25	0	18.28	18.39	18.08	19.20
5	256QAM	1	0	18.10	18.40	18.05	19.20
5	256QAM	1	12	18.24	18.50	18.29	19.20
5	256QAM	1	24	18.21	18.35	17.97	19.20
5	256QAM	12	0	18.27	18.36	18.21	19.20
5	256QAM	12	7	18.24	18.28	18.07	19.20
5	256QAM	12	13	18.16	18.32	18.03	19.20
5	256QAM	25	0	17.96	18.21	18.16	19.20
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	18.45	18.50	18.42	19.20
3	QPSK	1	8	18.25	18.37	18.11	19.20
3	QPSK	1	14	18.22	18.36	18.19	19.20
3	QPSK	8	0	18.23	18.48	18.19	19.20
3	QPSK	8	4	18.19	18.30	18.03	19.20
3	QPSK	8	7	18.11	18.37	18.09	19.20
3	QPSK	15	0	18.01	18.26	18.14	19.20
3	16QAM	1	0	18.11	18.24	18.05	19.20
3	16QAM	1	8	17.85	18.17	17.89	19.20
3	16QAM	1	14	17.96	18.24	17.96	19.20
3	16QAM	8	0	17.96	18.17	17.80	19.20
3	16QAM	8	4	18.18	18.27	18.05	19.20
3	16QAM	8	7	18.08	18.18	17.96	19.20
3	16QAM	15	0	18.30	18.42	18.19	19.20
3	64QAM	1	0	18.08	18.31	17.93	19.20
3	64QAM	1	8	18.05	18.25	17.93	19.20
3	64QAM	1	14	18.24	18.47	18.15	19.20
3	64QAM	8	0	18.10	18.32	18.03	19.20
3	64QAM	8	4	18.00	18.23	18.03	19.20
3	64QAM	8	7	18.24	18.46	18.23	19.20
3	64QAM	15	0	18.28	18.39	18.17	19.20
3	256QAM	1	0	18.11	18.40	18.02	19.20
3	256QAM	1	8	18.29	18.51	18.26	19.20
3	256QAM	1	14	18.20	18.26	18.06	19.20
3	256QAM	8	0	18.29	18.37	18.21	19.20
3	256QAM	8	4	18.18	18.42	18.10	19.20

3	256QAM	8	7	18.10	18.37	18.07	19.20
3	256QAM	15	0	18.02	18.35	18.13	19.20
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	18.39	18.50	18.40	19.20
1.4	QPSK	1	3	18.30	18.42	18.09	19.20
1.4	QPSK	1	5	18.19	18.45	18.21	19.20
1.4	QPSK	3	0	18.33	18.39	18.19	19.20
1.4	QPSK	3	1	18.11	18.27	18.16	19.20
1.4	QPSK	3	3	18.12	18.39	18.18	19.20
1.4	QPSK	6	0	18.02	18.26	18.15	19.20
1.4	16QAM	1	0	18.11	18.31	18.00	19.20
1.4	16QAM	1	3	17.89	18.19	17.89	19.20
1.4	16QAM	1	5	17.99	18.28	17.84	19.20
1.4	16QAM	3	0	18.01	18.15	17.80	19.20
1.4	16QAM	3	1	18.19	18.40	18.10	19.20
1.4	16QAM	3	3	18.05	18.25	18.02	19.20
1.4	16QAM	6	0	18.34	18.44	18.18	19.20
1.4	64QAM	1	0	18.09	18.22	18.03	19.20
1.4	64QAM	1	3	17.98	18.13	17.93	19.20
1.4	64QAM	1	5	18.23	18.43	18.20	19.20
1.4	64QAM	3	0	18.04	18.36	18.09	19.20
1.4	64QAM	3	1	18.02	18.29	18.01	19.20
1.4	64QAM	3	3	18.25	18.36	18.26	19.20
1.4	64QAM	6	0	18.17	18.35	18.11	19.20
1.4	256QAM	1	0	18.18	18.31	18.12	19.20
1.4	256QAM	1	3	18.26	18.50	18.25	19.20
1.4	256QAM	1	5	18.16	18.25	18.07	19.20
1.4	256QAM	3	0	18.19	18.47	18.21	19.20
1.4	256QAM	3	1	18.12	18.35	18.10	19.20
1.4	256QAM	3	3	18.09	18.41	18.11	19.20
1.4	256QAM	6	0	17.98	18.24	18.11	19.20

【LTE Band 2_Ant 5_Default】

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	25.10	25.23	25.05	25.70
20	QPSK	1	49	24.97	25.12	24.85	25.70
20	QPSK	1	99	24.95	25.11	24.87	25.70
20	QPSK	50	0	24.01	24.14	23.91	24.70
20	QPSK	50	24	23.85	24.01	23.71	24.70
20	QPSK	50	50	23.87	24.10	23.92	24.70
20	QPSK	100	0	23.90	24.09	23.79	24.70
20	16QAM	1	0	24.14	24.37	24.15	24.70
20	16QAM	1	49	24.02	24.27	24.00	24.70
20	16QAM	1	99	24.12	24.33	24.05	24.70
20	16QAM	50	0	22.92	23.10	22.87	23.70
20	16QAM	50	24	22.89	23.06	22.83	23.70
20	16QAM	50	50	22.72	22.96	22.73	23.70
20	16QAM	100	0	22.85	23.01	22.83	23.70
20	64QAM	1	0	23.07	23.32	23.09	23.70
20	64QAM	1	49	23.12	23.24	23.07	23.70
20	64QAM	1	99	22.95	23.18	22.91	23.70
20	64QAM	50	0	22.01	22.20	21.90	22.70
20	64QAM	50	24	21.99	22.13	21.97	22.70
20	64QAM	50	50	21.93	22.14	21.98	22.70
20	64QAM	100	0	22.08	22.30	22.01	22.70
20	256QAM	1	0	19.95	20.10	19.87	20.70
20	256QAM	1	49	19.78	19.97	19.73	20.70
20	256QAM	1	99	19.77	19.95	19.78	20.70
20	256QAM	50	0	19.93	20.09	19.84	20.70
20	256QAM	50	24	19.75	19.95	19.68	20.70
20	256QAM	50	50	19.73	19.93	19.70	20.70
20	256QAM	100	0	19.99	20.13	19.92	20.70
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	24.99	25.20	25.00	25.70
15	QPSK	1	37	24.84	25.06	24.83	25.70
15	QPSK	1	74	24.89	25.05	24.80	25.70
15	QPSK	36	0	23.88	24.13	23.86	24.70

15	QPSK	36	20	23.77	23.97	23.63	24.70
15	QPSK	36	39	23.80	24.00	23.90	24.70
15	QPSK	75	0	23.82	23.95	23.71	24.70
15	16QAM	1	0	23.99	24.30	24.11	24.70
15	16QAM	1	37	24.00	24.21	23.88	24.70
15	16QAM	1	74	24.04	24.31	24.01	24.70
15	16QAM	36	0	22.86	23.08	22.73	23.70
15	16QAM	36	20	22.82	22.98	22.73	23.70
15	16QAM	36	39	22.57	22.90	22.62	23.70
15	16QAM	75	0	22.78	22.92	22.71	23.70
15	64QAM	1	0	23.05	23.23	23.04	23.70
15	64QAM	1	37	22.99	23.14	23.00	23.70
15	64QAM	1	74	22.94	23.13	22.79	23.70
15	64QAM	36	0	21.92	22.13	21.87	22.70
15	64QAM	36	20	21.96	21.99	21.91	22.70
15	64QAM	36	39	21.80	22.01	21.86	22.70
15	64QAM	75	0	22.05	22.21	21.92	22.70
15	256QAM	1	0	19.94	20.09	19.80	20.70
15	256QAM	1	37	19.69	19.94	19.64	20.70
15	256QAM	1	74	19.66	19.92	19.71	20.70
15	256QAM	36	0	19.89	19.99	19.72	20.70
15	256QAM	36	20	19.70	19.82	19.54	20.70
15	256QAM	36	39	19.67	19.84	19.59	20.70
15	256QAM	75	0	19.90	20.03	19.90	20.70
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	24.98	25.08	24.93	25.70
10	QPSK	1	25	24.88	24.99	24.82	25.70
10	QPSK	1	49	24.82	25.02	24.74	25.70
10	QPSK	25	0	23.88	24.03	23.81	24.70
10	QPSK	25	12	23.70	23.98	23.58	24.70
10	QPSK	25	25	23.83	24.01	23.83	24.70
10	QPSK	50	0	23.86	23.95	23.67	24.70
10	16QAM	1	0	24.02	24.27	24.04	24.70
10	16QAM	1	25	23.95	24.18	23.99	24.70
10	16QAM	1	49	23.99	24.19	24.03	24.70
10	16QAM	25	0	22.90	23.00	22.78	23.70
10	16QAM	25	12	22.75	22.93	22.82	23.70
10	16QAM	25	25	22.69	22.86	22.62	23.70
10	16QAM	50	0	22.70	22.87	22.77	23.70
10	64QAM	1	0	22.97	23.23	23.01	23.70
10	64QAM	1	25	22.98	23.20	22.94	23.70
10	64QAM	1	49	22.85	23.11	22.88	23.70
10	64QAM	25	0	21.89	22.11	21.79	22.70
10	64QAM	25	12	21.96	21.99	21.94	22.70
10	64QAM	25	25	21.83	22.03	21.89	22.70
10	64QAM	50	0	21.99	22.23	21.98	22.70
10	256QAM	1	0	19.93	20.02	19.85	20.70
10	256QAM	1	25	19.70	19.84	19.71	20.70
10	256QAM	1	49	19.74	19.88	19.75	20.70
10	256QAM	25	0	19.79	20.01	19.80	20.70
10	256QAM	25	12	19.73	19.86	19.66	20.70
10	256QAM	25	25	19.69	19.83	19.58	20.70
10	256QAM	50	0	19.95	20.03	19.85	20.70
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	24.98	25.09	25.01	25.70
5	QPSK	1	12	24.88	25.03	24.78	25.70
5	QPSK	1	24	24.82	25.00	24.75	25.70
5	QPSK	12	0	23.94	24.11	23.84	24.70
5	QPSK	12	7	23.79	23.90	23.70	24.70
5	QPSK	12	13	23.83	23.95	23.89	24.70
5	QPSK	25	0	23.82	24.05	23.71	24.70
5	16QAM	1	0	24.02	24.30	24.06	24.70
5	16QAM	1	12	23.91	24.17	23.86	24.70
5	16QAM	1	24	24.11	24.21	24.04	24.70
5	16QAM	12	0	22.78	22.97	22.80	23.70
5	16QAM	12	7	22.84	22.98	22.73	23.70
5	16QAM	12	13	22.59	22.86	22.72	23.70
5	16QAM	25	0	22.70	22.98	22.74	23.70
5	64QAM	1	0	23.02	23.22	23.01	23.70
5	64QAM	1	12	22.99	23.18	23.03	23.70
5	64QAM	1	24	22.94	23.04	22.79	23.70
5	64QAM	12	0	21.88	22.16	21.82	22.70
5	64QAM	12	7	21.95	22.04	21.87	22.70
5	64QAM	12	13	21.85	22.06	21.85	22.70
5	64QAM	25	0	21.99	22.21	21.94	22.70
5	256QAM	1	0	19.89	20.03	19.79	20.70

5	256QAM	1	12	19.76	19.88	19.69	20.70
5	256QAM	1	24	19.70	19.93	19.71	20.70
5	256QAM	12	0	19.79	20.07	19.81	20.70
5	256QAM	12	7	19.61	19.83	19.55	20.70
5	256QAM	12	13	19.65	19.92	19.59	20.70
5	256QAM	25	0	19.88	20.05	19.85	20.70
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	25.04	25.10	24.96	25.70
3	QPSK	1	8	24.87	25.04	24.80	25.70
3	QPSK	1	14	24.88	25.06	24.81	25.70
3	QPSK	8	0	23.92	24.02	23.80	24.70
3	QPSK	8	4	23.72	23.95	23.58	24.70
3	QPSK	8	7	23.83	23.95	23.90	24.70
3	QPSK	15	0	23.87	23.97	23.77	24.70
3	16QAM	1	0	24.04	24.33	24.05	24.70
3	16QAM	1	8	23.94	24.22	23.96	24.70
3	16QAM	1	14	24.09	24.29	23.95	24.70
3	16QAM	8	0	22.85	22.98	22.78	23.70
3	16QAM	8	4	22.84	22.93	22.73	23.70
3	16QAM	8	7	22.66	22.86	22.65	23.70
3	16QAM	15	0	22.72	22.97	22.80	23.70
3	64QAM	1	0	22.99	23.27	23.00	23.70
3	64QAM	1	8	23.00	23.22	22.96	23.70
3	64QAM	1	14	22.81	23.09	22.86	23.70
3	64QAM	8	0	21.93	22.09	21.77	22.70
3	64QAM	8	4	21.87	22.02	21.86	22.70
3	64QAM	8	7	21.82	22.10	21.92	22.70
3	64QAM	15	0	21.94	22.29	21.89	22.70
3	256QAM	1	0	19.93	19.97	19.80	20.70
3	256QAM	1	8	19.73	19.88	19.71	20.70
3	256QAM	1	14	19.71	19.93	19.72	20.70
3	256QAM	8	0	19.87	20.04	19.82	20.70
3	256QAM	8	4	19.68	19.82	19.62	20.70
3	256QAM	8	7	19.58	19.79	19.69	20.70
3	256QAM	15	0	19.97	20.01	19.79	20.70
Channel				18607	18900	19193	Tune-up limit
Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	24.96	25.12	25.01	25.70
1.4	QPSK	1	3	24.88	25.05	24.74	25.70
1.4	QPSK	1	5	24.83	25.07	24.84	25.70
1.4	QPSK	3	0	24.94	24.99	24.79	25.70
1.4	QPSK	3	1	24.73	24.93	24.63	25.70
1.4	QPSK	3	3	24.78	24.99	24.79	25.70
1.4	QPSK	6	0	23.76	24.04	23.65	24.70
1.4	16QAM	1	0	24.00	24.25	24.06	24.70
1.4	16QAM	1	3	23.99	24.18	23.95	24.70
1.4	16QAM	1	5	24.01	24.20	23.97	24.70
1.4	16QAM	3	0	23.87	24.08	23.81	24.70
1.4	16QAM	3	1	23.75	23.94	23.82	24.70
1.4	16QAM	3	3	23.63	23.86	23.64	24.70
1.4	16QAM	6	0	22.74	22.88	22.72	23.70
1.4	64QAM	1	0	22.98	23.30	22.96	23.70
1.4	64QAM	1	3	23.05	23.15	23.06	23.70
1.4	64QAM	1	5	22.81	23.07	22.76	23.70
1.4	64QAM	3	0	22.92	23.10	22.85	23.70
1.4	64QAM	3	1	22.94	23.09	22.91	23.70
1.4	64QAM	3	3	22.85	23.04	22.90	23.70
1.4	64QAM	6	0	22.06	22.22	21.98	22.70
1.4	256QAM	1	0	19.83	20.01	19.77	20.70
1.4	256QAM	1	3	19.68	19.85	19.70	20.70
1.4	256QAM	1	5	19.65	19.83	19.74	20.70
1.4	256QAM	3	0	19.88	20.02	19.73	20.70
1.4	256QAM	3	1	19.70	19.89	19.60	20.70
1.4	256QAM	3	3	19.69	19.86	19.57	20.70
1.4	256QAM	6	0	19.91	20.06	19.83	20.70

【LTE Band 2_Ant 5_DSI1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	17.03	17.07	16.94	17.70
20	QPSK	1	49	16.88	16.99	16.92	17.70
20	QPSK	1	99	16.94	16.91	16.83	17.70
20	QPSK	50	0	16.91	16.95	16.94	17.70
20	QPSK	50	24	16.78	16.93	16.77	17.70
20	QPSK	50	50	16.86	16.90	16.84	17.70
20	QPSK	100	0	16.73	16.78	16.70	17.70
20	16QAM	1	0	16.67	16.89	16.91	17.70
20	16QAM	1	49	16.83	16.72	16.82	17.70
20	16QAM	1	99	16.83	16.81	16.71	17.70
20	16QAM	50	0	16.83	16.89	16.90	17.70
20	16QAM	50	24	16.90	16.77	17.02	17.70
20	16QAM	50	50	16.94	16.80	16.90	17.70
20	16QAM	100	0	16.86	16.90	16.94	17.70
20	64QAM	1	0	16.83	16.80	16.91	17.70
20	64QAM	1	49	16.90	16.82	16.84	17.70
20	64QAM	1	99	16.90	16.96	16.85	17.70
20	64QAM	50	0	16.94	16.86	16.84	17.70
20	64QAM	50	24	16.87	16.84	16.74	17.70
20	64QAM	50	50	16.80	16.93	17.02	17.70
20	64QAM	100	0	16.87	16.94	16.99	17.70
20	256QAM	1	0	16.80	16.93	16.86	17.70
20	256QAM	1	49	16.74	17.11	16.86	17.70
20	256QAM	1	99	16.99	16.95	16.91	17.70
20	256QAM	50	0	16.83	17.03	16.94	17.70
20	256QAM	50	24	16.71	16.88	16.97	17.70
20	256QAM	50	50	16.85	16.82	16.87	17.70
20	256QAM	100	0	16.84	16.98	16.85	17.70
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	16.97	16.97	16.91	17.70
15	QPSK	1	37	16.81	16.85	16.85	17.70
15	QPSK	1	74	16.90	16.77	16.73	17.70
15	QPSK	36	0	16.80	16.87	16.83	17.70
15	QPSK	36	20	16.77	16.82	16.66	17.70
15	QPSK	36	39	16.83	16.80	16.81	17.70
15	QPSK	75	0	16.69	16.72	16.68	17.70
15	16QAM	1	0	16.58	16.83	16.87	17.70
15	16QAM	1	37	16.76	16.64	16.74	17.70
15	16QAM	1	74	16.78	16.74	16.58	17.70
15	16QAM	36	0	16.76	16.84	16.79	17.70
15	16QAM	36	20	16.81	16.64	16.98	17.70
15	16QAM	36	39	16.92	16.78	16.84	17.70
15	16QAM	75	0	16.76	16.82	16.86	17.70
15	64QAM	1	0	16.73	16.75	16.87	17.70
15	64QAM	1	37	16.84	16.74	16.83	17.70
15	64QAM	1	74	16.83	16.91	16.82	17.70
15	64QAM	36	0	16.85	16.72	16.81	17.70
15	64QAM	36	20	16.80	16.78	16.70	17.70
15	64QAM	36	39	16.69	16.89	16.91	17.70
15	64QAM	75	0	16.78	16.85	16.91	17.70
15	256QAM	1	0	16.73	16.80	16.80	17.70
15	256QAM	1	37	16.70	16.99	16.75	17.70
15	256QAM	1	74	16.97	16.89	16.77	17.70
15	256QAM	36	0	16.77	16.98	16.84	17.70
15	256QAM	36	20	16.59	16.86	16.93	17.70
15	256QAM	36	39	16.71	16.76	16.83	17.70
15	256QAM	75	0	16.72	16.89	16.81	17.70
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	16.91	16.96	16.87	17.70
10	QPSK	1	25	16.86	16.93	16.91	17.70
10	QPSK	1	49	16.91	16.81	16.80	17.70
10	QPSK	25	0	16.90	16.82	16.90	17.70
10	QPSK	25	12	16.72	16.79	16.68	17.70
10	QPSK	25	25	16.78	16.80	16.79	17.70
10	QPSK	50	0	16.64	16.68	16.62	17.70
10	16QAM	1	0	16.53	16.86	16.76	17.70
10	16QAM	1	25	16.70	16.64	16.79	17.70

10	16QAM	1	49	16.81	16.77	16.62	17.70
10	16QAM	25	0	16.80	16.86	16.86	17.70
10	16QAM	25	12	16.83	16.68	16.92	17.70
10	16QAM	25	25	16.83	16.79	16.76	17.70
10	16QAM	50	0	16.75	16.81	16.90	17.70
10	64QAM	1	0	16.79	16.74	16.83	17.70
10	64QAM	1	25	16.85	16.68	16.70	17.70
10	64QAM	1	49	16.82	16.85	16.71	17.70
10	64QAM	25	0	16.89	16.78	16.81	17.70
10	64QAM	25	12	16.83	16.76	16.65	17.70
10	64QAM	25	25	16.68	16.81	16.93	17.70
10	64QAM	50	0	16.84	16.80	16.90	17.70
10	256QAM	1	0	16.76	16.90	16.72	17.70
10	256QAM	1	25	16.61	17.08	16.78	17.70
10	256QAM	1	49	16.87	16.88	16.79	17.70
10	256QAM	25	0	16.71	16.95	16.81	17.70
10	256QAM	25	12	16.66	16.81	16.84	17.70
10	256QAM	25	25	16.76	16.78	16.74	17.70
10	256QAM	50	0	16.75	16.90	16.77	17.70
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	16.98	17.03	16.92	17.70
5	QPSK	1	12	16.82	16.86	16.81	17.70
5	QPSK	1	24	16.84	16.84	16.80	17.70
5	QPSK	12	0	16.89	16.86	16.83	17.70
5	QPSK	12	7	16.66	16.83	16.67	17.70
5	QPSK	12	13	16.77	16.87	16.78	17.70
5	QPSK	25	0	16.69	16.76	16.55	17.70
5	16QAM	1	0	16.59	16.85	16.85	17.70
5	16QAM	1	12	16.69	16.62	16.69	17.70
5	16QAM	1	24	16.73	16.71	16.70	17.70
5	16QAM	12	0	16.80	16.86	16.77	17.70
5	16QAM	12	7	16.83	16.72	16.95	17.70
5	16QAM	12	13	16.85	16.68	16.85	17.70
5	16QAM	25	0	16.81	16.81	16.82	17.70
5	64QAM	1	0	16.69	16.69	16.82	17.70
5	64QAM	1	12	16.83	16.77	16.72	17.70
5	64QAM	1	24	16.76	16.86	16.81	17.70
5	64QAM	12	0	16.81	16.84	16.76	17.70
5	64QAM	12	7	16.77	16.72	16.70	17.70
5	64QAM	12	13	16.69	16.90	16.97	17.70
5	64QAM	25	0	16.81	16.91	16.94	17.70
5	256QAM	1	0	16.68	16.88	16.83	17.70
5	256QAM	1	12	16.62	17.07	16.72	17.70
5	256QAM	1	24	16.91	16.89	16.86	17.70
5	256QAM	12	0	16.78	16.89	16.91	17.70
5	256QAM	12	7	16.58	16.75	16.83	17.70
5	256QAM	12	13	16.72	16.77	16.76	17.70
5	256QAM	25	0	16.74	16.91	16.78	17.70
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	16.94	16.94	16.85	17.70
3	QPSK	1	8	16.82	16.88	16.83	17.70
3	QPSK	1	14	16.85	16.90	16.77	17.70
3	QPSK	8	0	16.82	16.84	16.84	17.70
3	QPSK	8	4	16.64	16.91	16.76	17.70
3	QPSK	8	7	16.81	16.89	16.82	17.70
3	QPSK	15	0	16.58	16.70	16.63	17.70
3	16QAM	1	0	16.63	16.79	16.77	17.70
3	16QAM	1	8	16.71	16.71	16.76	17.70
3	16QAM	1	14	16.76	16.75	16.58	17.70
3	16QAM	8	0	16.71	16.80	16.79	17.70
3	16QAM	8	4	16.79	16.75	16.93	17.70
3	16QAM	8	7	16.83	16.77	16.86	17.70
3	16QAM	15	0	16.82	16.88	16.86	17.70
3	64QAM	1	0	16.68	16.69	16.84	17.70
3	64QAM	1	8	16.87	16.79	16.76	17.70
3	64QAM	1	14	16.77	16.85	16.75	17.70
3	64QAM	8	0	16.88	16.74	16.83	17.70
3	64QAM	8	4	16.84	16.80	16.67	17.70
3	64QAM	8	7	16.68	16.81	16.94	17.70
3	64QAM	15	0	16.85	16.84	16.95	17.70
3	256QAM	1	0	16.69	16.80	16.74	17.70
3	256QAM	1	8	16.63	17.02	16.75	17.70
3	256QAM	1	14	16.91	16.85	16.81	17.70
3	256QAM	8	0	16.82	16.97	16.87	17.70
3	256QAM	8	4	16.62	16.83	16.95	17.70
3	256QAM	8	7	16.81	16.73	16.72	17.70

3	256QAM	15	0	16.71	16.87	16.81	17.70
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	17.01	17.03	16.80	17.70
1.4	QPSK	1	3	16.83	16.91	16.78	17.70
1.4	QPSK	1	5	16.82	16.81	16.69	17.70
1.4	QPSK	3	0	16.84	16.83	16.80	17.70
1.4	QPSK	3	1	16.76	16.91	16.69	17.70
1.4	QPSK	3	3	16.78	16.76	16.73	17.70
1.4	QPSK	6	0	16.63	16.74	16.66	17.70
1.4	16QAM	1	0	16.64	16.85	16.87	17.70
1.4	16QAM	1	3	16.69	16.70	16.68	17.70
1.4	16QAM	1	5	16.79	16.71	16.58	17.70
1.4	16QAM	3	0	16.76	16.87	16.80	17.70
1.4	16QAM	3	1	16.88	16.75	16.96	17.70
1.4	16QAM	3	3	16.87	16.77	16.75	17.70
1.4	16QAM	6	0	16.80	16.85	16.83	17.70
1.4	64QAM	1	0	16.80	16.79	16.85	17.70
1.4	64QAM	1	3	16.78	16.70	16.70	17.70
1.4	64QAM	1	5	16.80	16.82	16.82	17.70
1.4	64QAM	3	0	16.93	16.73	16.83	17.70
1.4	64QAM	3	1	16.84	16.70	16.66	17.70
1.4	64QAM	3	3	16.71	16.79	16.91	17.70
1.4	64QAM	6	0	16.79	16.83	16.90	17.70
1.4	256QAM	1	0	16.67	16.87	16.73	17.70
1.4	256QAM	1	3	16.59	17.03	16.76	17.70
1.4	256QAM	1	5	16.89	16.80	16.77	17.70
1.4	256QAM	3	0	16.76	16.92	16.92	17.70
1.4	256QAM	3	1	16.64	16.73	16.94	17.70
1.4	256QAM	3	3	16.82	16.71	16.76	17.70
1.4	256QAM	6	0	16.83	16.83	16.77	17.70

【LTE Band 2_Ant 5_DSI3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	17.56	17.64	17.48	18.20
20	QPSK	1	49	17.34	17.53	17.34	18.20
20	QPSK	1	99	17.46	17.40	17.37	18.20
20	QPSK	50	0	17.38	17.53	17.39	18.20
20	QPSK	50	24	17.32	17.34	17.31	18.20
20	QPSK	50	50	17.37	17.28	17.35	18.20
20	QPSK	100	0	17.15	17.32	17.18	18.20
20	16QAM	1	0	17.29	17.30	17.35	18.20
20	16QAM	1	49	17.20	17.31	17.30	18.20
20	16QAM	1	99	17.19	17.29	17.34	18.20
20	16QAM	50	0	17.45	17.32	17.25	18.20
20	16QAM	50	24	17.42	17.27	17.49	18.20
20	16QAM	50	50	17.45	17.43	17.33	18.20
20	16QAM	100	0	17.27	17.49	17.45	18.20
20	64QAM	1	0	17.41	17.41	17.36	18.20
20	64QAM	1	49	17.34	17.29	17.46	18.20
20	64QAM	1	99	17.34	17.56	17.38	18.20
20	64QAM	50	0	17.32	17.44	17.37	18.20
20	64QAM	50	24	17.25	17.39	17.23	18.20
20	64QAM	50	50	17.34	17.39	17.47	18.20
20	64QAM	100	0	17.39	17.41	17.49	18.20
20	256QAM	1	0	17.43	17.40	17.29	18.20
20	256QAM	1	49	17.19	17.62	17.29	18.20
20	256QAM	1	99	17.47	17.38	17.45	18.20
20	256QAM	50	0	17.41	17.39	17.33	18.20
20	256QAM	50	24	17.19	17.34	17.37	18.20
20	256QAM	50	50	17.33	17.44	17.36	18.20
20	256QAM	100	0	17.33	17.33	17.43	18.20
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	17.53	17.61	17.42	18.20
15	QPSK	1	37	17.32	17.50	17.26	18.20
15	QPSK	1	74	17.41	17.38	17.27	18.20
15	QPSK	36	0	17.33	17.39	17.30	18.20
15	QPSK	36	20	17.29	17.19	17.17	18.20

15	QPSK	36	39	17.35	17.20	17.20	18.20
15	QPSK	75	0	17.05	17.30	17.14	18.20
15	16QAM	1	0	17.22	17.21	17.23	18.20
15	16QAM	1	37	17.06	17.18	17.29	18.20
15	16QAM	1	74	17.17	17.22	17.26	18.20
15	16QAM	36	0	17.41	17.21	17.20	18.20
15	16QAM	36	20	17.40	17.22	17.42	18.20
15	16QAM	36	39	17.30	17.30	17.30	18.20
15	16QAM	75	0	17.21	17.41	17.31	18.20
15	64QAM	1	0	17.39	17.37	17.30	18.20
15	64QAM	1	37	17.32	17.24	17.37	18.20
15	64QAM	1	74	17.28	17.53	17.31	18.20
15	64QAM	36	0	17.28	17.33	17.25	18.20
15	64QAM	36	20	17.15	17.26	17.17	18.20
15	64QAM	36	39	17.28	17.30	17.43	18.20
15	64QAM	75	0	17.31	17.40	17.39	18.20
15	256QAM	1	0	17.28	17.35	17.20	18.20
15	256QAM	1	37	17.08	17.56	17.25	18.20
15	256QAM	1	74	17.41	17.23	17.36	18.20
15	256QAM	36	0	17.31	17.31	17.20	18.20
15	256QAM	36	20	17.08	17.20	17.25	18.20
15	256QAM	36	39	17.21	17.39	17.23	18.20
15	256QAM	75	0	17.30	17.23	17.36	18.20
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	17.46	17.61	17.41	18.20
10	QPSK	1	25	17.30	17.48	17.24	18.20
10	QPSK	1	49	17.38	17.25	17.23	18.20
10	QPSK	25	0	17.32	17.42	17.26	18.20
10	QPSK	25	12	17.20	17.24	17.23	18.20
10	QPSK	25	25	17.27	17.21	17.33	18.20
10	QPSK	50	0	17.02	17.30	17.04	18.20
10	16QAM	1	0	17.22	17.20	17.29	18.20
10	16QAM	1	25	17.16	17.19	17.17	18.20
10	16QAM	1	49	17.17	17.25	17.29	18.20
10	16QAM	25	0	17.39	17.26	17.23	18.20
10	16QAM	25	12	17.29	17.20	17.43	18.20
10	16QAM	25	25	17.32	17.32	17.28	18.20
10	16QAM	50	0	17.23	17.45	17.43	18.20
10	64QAM	1	0	17.31	17.32	17.35	18.20
10	64QAM	1	25	17.23	17.19	17.34	18.20
10	64QAM	1	49	17.29	17.53	17.30	18.20
10	64QAM	25	0	17.28	17.39	17.27	18.20
10	64QAM	25	12	17.16	17.32	17.19	18.20
10	64QAM	25	25	17.31	17.24	17.36	18.20
10	64QAM	50	0	17.36	17.31	17.43	18.20
10	256QAM	1	0	17.29	17.38	17.21	18.20
10	256QAM	1	25	17.17	17.51	17.15	18.20
10	256QAM	1	49	17.36	17.29	17.35	18.20
10	256QAM	25	0	17.35	17.30	17.31	18.20
10	256QAM	25	12	17.12	17.29	17.25	18.20
10	256QAM	25	25	17.20	17.41	17.28	18.20
10	256QAM	50	0	17.32	17.22	17.32	18.20
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	17.44	17.56	17.43	18.20
5	QPSK	1	12	17.20	17.41	17.33	18.20
5	QPSK	1	24	17.32	17.26	17.26	18.20
5	QPSK	12	0	17.25	17.42	17.30	18.20
5	QPSK	12	7	17.23	17.29	17.20	18.20
5	QPSK	12	13	17.23	17.16	17.32	18.20
5	QPSK	25	0	17.08	17.30	17.04	18.20
5	16QAM	1	0	17.21	17.19	17.33	18.20
5	16QAM	1	12	17.07	17.16	17.19	18.20
5	16QAM	1	24	17.13	17.26	17.26	18.20
5	16QAM	12	0	17.42	17.30	17.10	18.20
5	16QAM	12	7	17.32	17.21	17.39	18.20
5	16QAM	12	13	17.37	17.36	17.30	18.20
5	16QAM	25	0	17.22	17.46	17.42	18.20
5	64QAM	1	0	17.33	17.38	17.27	18.20
5	64QAM	1	12	17.26	17.24	17.35	18.20
5	64QAM	1	24	17.22	17.50	17.25	18.20
5	64QAM	12	0	17.23	17.41	17.24	18.20
5	64QAM	12	7	17.23	17.26	17.16	18.20
5	64QAM	12	13	17.32	17.33	17.33	18.20
5	64QAM	25	0	17.26	17.39	17.42	18.20
5	256QAM	1	0	17.28	17.30	17.26	18.20
5	256QAM	1	12	17.08	17.53	17.27	18.20

5	256QAM	1	24	17.33	17.32	17.35	18.20
5	256QAM	12	0	17.31	17.36	17.23	18.20
5	256QAM	12	7	17.06	17.28	17.36	18.20
5	256QAM	12	13	17.32	17.34	17.34	18.20
5	256QAM	25	0	17.24	17.24	17.28	18.20
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	17.46	17.54	17.45	18.20
3	QPSK	1	8	17.26	17.50	17.24	18.20
3	QPSK	1	14	17.34	17.29	17.31	18.20
3	QPSK	8	0	17.30	17.44	17.32	18.20
3	QPSK	8	4	17.22	17.20	17.21	18.20
3	QPSK	8	7	17.35	17.18	17.29	18.20
3	QPSK	15	0	17.10	17.17	17.12	18.20
3	16QAM	1	0	17.15	17.22	17.21	18.20
3	16QAM	1	8	17.10	17.25	17.24	18.20
3	16QAM	1	14	17.12	17.16	17.25	18.20
3	16QAM	8	0	17.36	17.18	17.22	18.20
3	16QAM	8	4	17.36	17.14	17.35	18.20
3	16QAM	8	7	17.33	17.39	17.31	18.20
3	16QAM	15	0	17.21	17.42	17.44	18.20
3	64QAM	1	0	17.33	17.36	17.22	18.20
3	64QAM	1	8	17.32	17.23	17.35	18.20
3	64QAM	1	14	17.22	17.42	17.33	18.20
3	64QAM	8	0	17.31	17.40	17.29	18.20
3	64QAM	8	4	17.20	17.29	17.14	18.20
3	64QAM	8	7	17.23	17.30	17.44	18.20
3	64QAM	15	0	17.31	17.38	17.44	18.20
3	256QAM	1	0	17.39	17.38	17.17	18.20
3	256QAM	1	8	17.06	17.57	17.19	18.20
3	256QAM	1	14	17.39	17.27	17.37	18.20
3	256QAM	8	0	17.39	17.36	17.21	18.20
3	256QAM	8	4	17.14	17.32	17.27	18.20
3	256QAM	8	7	17.27	17.42	17.26	18.20
3	256QAM	15	0	17.26	17.24	17.42	18.20
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	17.48	17.50	17.36	18.20
1.4	QPSK	1	3	17.32	17.52	17.20	18.20
1.4	QPSK	1	5	17.42	17.30	17.31	18.20
1.4	QPSK	3	0	17.27	17.51	17.36	18.20
1.4	QPSK	3	1	17.25	17.29	17.23	18.20
1.4	QPSK	3	3	17.22	17.19	17.31	18.20
1.4	QPSK	6	0	17.01	17.28	17.16	18.20
1.4	16QAM	1	0	17.22	17.29	17.34	18.20
1.4	16QAM	1	3	17.17	17.29	17.20	18.20
1.4	16QAM	1	5	17.04	17.18	17.30	18.20
1.4	16QAM	3	0	17.30	17.22	17.13	18.20
1.4	16QAM	3	1	17.30	17.24	17.34	18.20
1.4	16QAM	3	3	17.32	17.29	17.22	18.20
1.4	16QAM	6	0	17.25	17.43	17.42	18.20
1.4	64QAM	1	0	17.27	17.32	17.27	18.20
1.4	64QAM	1	3	17.21	17.15	17.32	18.20
1.4	64QAM	1	5	17.29	17.53	17.29	18.20
1.4	64QAM	3	0	17.19	17.34	17.22	18.20
1.4	64QAM	3	1	17.16	17.29	17.17	18.20
1.4	64QAM	3	3	17.22	17.28	17.44	18.20
1.4	64QAM	6	0	17.33	17.38	17.43	18.20
1.4	256QAM	1	0	17.40	17.28	17.20	18.20
1.4	256QAM	1	3	17.08	17.54	17.22	18.20
1.4	256QAM	1	5	17.35	17.36	17.34	18.20
1.4	256QAM	3	0	17.28	17.25	17.24	18.20
1.4	256QAM	3	1	17.15	17.25	17.22	18.20
1.4	256QAM	3	3	17.30	17.38	17.32	18.20
1.4	256QAM	6	0	17.26	17.20	17.31	18.20

【LTE Band 2_Ant 5_DSI4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	17.56	17.64	17.48	18.20
20	QPSK	1	49	17.34	17.53	17.34	18.20
20	QPSK	1	99	17.46	17.40	17.37	18.20
20	QPSK	50	0	17.38	17.53	17.39	18.20
20	QPSK	50	24	17.32	17.34	17.31	18.20
20	QPSK	50	50	17.37	17.28	17.35	18.20
20	QPSK	100	0	17.15	17.32	17.18	18.20
20	16QAM	1	0	17.29	17.30	17.35	18.20
20	16QAM	1	49	17.20	17.31	17.30	18.20
20	16QAM	1	99	17.19	17.29	17.34	18.20
20	16QAM	50	0	17.45	17.32	17.25	18.20
20	16QAM	50	24	17.42	17.27	17.49	18.20
20	16QAM	50	50	17.45	17.43	17.33	18.20
20	16QAM	100	0	17.27	17.49	17.45	18.20
20	64QAM	1	0	17.41	17.41	17.36	18.20
20	64QAM	1	49	17.34	17.29	17.46	18.20
20	64QAM	1	99	17.34	17.56	17.38	18.20
20	64QAM	50	0	17.32	17.44	17.37	18.20
20	64QAM	50	24	17.25	17.39	17.23	18.20
20	64QAM	50	50	17.34	17.39	17.47	18.20
20	64QAM	100	0	17.39	17.41	17.49	18.20
20	256QAM	1	0	17.43	17.40	17.29	18.20
20	256QAM	1	49	17.19	17.62	17.29	18.20
20	256QAM	1	99	17.47	17.38	17.45	18.20
20	256QAM	50	0	17.41	17.39	17.33	18.20
20	256QAM	50	24	17.19	17.34	17.37	18.20
20	256QAM	50	50	17.33	17.44	17.36	18.20
20	256QAM	100	0	17.33	17.33	17.43	18.20
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	17.53	17.61	17.42	18.20
15	QPSK	1	37	17.32	17.50	17.26	18.20
15	QPSK	1	74	17.41	17.38	17.27	18.20
15	QPSK	36	0	17.33	17.39	17.30	18.20
15	QPSK	36	20	17.29	17.19	17.17	18.20
15	QPSK	36	39	17.35	17.20	17.20	18.20
15	QPSK	75	0	17.05	17.30	17.14	18.20
15	16QAM	1	0	17.22	17.21	17.23	18.20
15	16QAM	1	37	17.06	17.18	17.29	18.20
15	16QAM	1	74	17.17	17.22	17.26	18.20
15	16QAM	36	0	17.41	17.21	17.20	18.20
15	16QAM	36	20	17.40	17.22	17.42	18.20
15	16QAM	36	39	17.30	17.30	17.30	18.20
15	16QAM	75	0	17.21	17.41	17.31	18.20
15	64QAM	1	0	17.39	17.37	17.30	18.20
15	64QAM	1	37	17.32	17.24	17.37	18.20
15	64QAM	1	74	17.28	17.53	17.31	18.20
15	64QAM	36	0	17.28	17.33	17.25	18.20
15	64QAM	36	20	17.15	17.26	17.17	18.20
15	64QAM	36	39	17.28	17.30	17.43	18.20
15	64QAM	75	0	17.31	17.40	17.39	18.20
15	256QAM	1	0	17.28	17.35	17.20	18.20
15	256QAM	1	37	17.08	17.56	17.25	18.20
15	256QAM	1	74	17.41	17.23	17.36	18.20
15	256QAM	36	0	17.31	17.31	17.20	18.20
15	256QAM	36	20	17.08	17.20	17.25	18.20
15	256QAM	36	39	17.21	17.39	17.23	18.20
15	256QAM	75	0	17.30	17.23	17.36	18.20
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	17.46	17.61	17.41	18.20
10	QPSK	1	25	17.30	17.48	17.24	18.20
10	QPSK	1	49	17.38	17.25	17.23	18.20
10	QPSK	25	0	17.32	17.42	17.26	18.20
10	QPSK	25	12	17.20	17.24	17.23	18.20
10	QPSK	25	25	17.27	17.21	17.33	18.20
10	QPSK	50	0	17.02	17.30	17.04	18.20
10	16QAM	1	0	17.22	17.20	17.29	18.20

10	16QAM	1	25	17.16	17.19	17.17	18.20
10	16QAM	1	49	17.17	17.25	17.29	18.20
10	16QAM	25	0	17.39	17.26	17.23	18.20
10	16QAM	25	12	17.29	17.20	17.43	18.20
10	16QAM	25	25	17.32	17.32	17.28	18.20
10	16QAM	50	0	17.23	17.45	17.43	18.20
10	64QAM	1	0	17.31	17.32	17.35	18.20
10	64QAM	1	25	17.23	17.19	17.34	18.20
10	64QAM	1	49	17.29	17.53	17.30	18.20
10	64QAM	25	0	17.28	17.39	17.27	18.20
10	64QAM	25	12	17.16	17.32	17.19	18.20
10	64QAM	25	25	17.31	17.24	17.36	18.20
10	64QAM	50	0	17.36	17.31	17.43	18.20
10	256QAM	1	0	17.29	17.38	17.21	18.20
10	256QAM	1	25	17.17	17.51	17.15	18.20
10	256QAM	1	49	17.36	17.29	17.35	18.20
10	256QAM	25	0	17.35	17.30	17.31	18.20
10	256QAM	25	12	17.12	17.29	17.25	18.20
10	256QAM	25	25	17.20	17.41	17.28	18.20
10	256QAM	50	0	17.32	17.22	17.32	18.20
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	17.44	17.56	17.43	18.20
5	QPSK	1	12	17.20	17.41	17.33	18.20
5	QPSK	1	24	17.32	17.26	17.26	18.20
5	QPSK	12	0	17.25	17.42	17.30	18.20
5	QPSK	12	7	17.23	17.29	17.20	18.20
5	QPSK	12	13	17.23	17.16	17.32	18.20
5	QPSK	25	0	17.08	17.30	17.04	18.20
5	16QAM	1	0	17.21	17.19	17.33	18.20
5	16QAM	1	12	17.07	17.16	17.19	18.20
5	16QAM	1	24	17.13	17.26	17.26	18.20
5	16QAM	12	0	17.42	17.30	17.10	18.20
5	16QAM	12	7	17.32	17.21	17.39	18.20
5	16QAM	12	13	17.37	17.36	17.30	18.20
5	16QAM	25	0	17.22	17.46	17.42	18.20
5	64QAM	1	0	17.33	17.38	17.27	18.20
5	64QAM	1	12	17.26	17.24	17.35	18.20
5	64QAM	1	24	17.22	17.50	17.25	18.20
5	64QAM	12	0	17.23	17.41	17.24	18.20
5	64QAM	12	7	17.23	17.26	17.16	18.20
5	64QAM	12	13	17.32	17.33	17.33	18.20
5	64QAM	25	0	17.26	17.39	17.42	18.20
5	256QAM	1	0	17.28	17.30	17.26	18.20
5	256QAM	1	12	17.08	17.53	17.27	18.20
5	256QAM	1	24	17.33	17.32	17.35	18.20
5	256QAM	12	0	17.31	17.36	17.23	18.20
5	256QAM	12	7	17.06	17.28	17.36	18.20
5	256QAM	12	13	17.32	17.34	17.34	18.20
5	256QAM	25	0	17.24	17.24	17.28	18.20
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	17.46	17.54	17.45	18.20
3	QPSK	1	8	17.26	17.50	17.24	18.20
3	QPSK	1	14	17.34	17.29	17.31	18.20
3	QPSK	8	0	17.30	17.44	17.32	18.20
3	QPSK	8	4	17.22	17.20	17.21	18.20
3	QPSK	8	7	17.35	17.18	17.29	18.20
3	QPSK	15	0	17.10	17.17	17.12	18.20
3	16QAM	1	0	17.15	17.22	17.21	18.20
3	16QAM	1	8	17.10	17.25	17.24	18.20
3	16QAM	1	14	17.12	17.16	17.25	18.20
3	16QAM	8	0	17.36	17.18	17.22	18.20
3	16QAM	8	4	17.36	17.14	17.35	18.20
3	16QAM	8	7	17.33	17.39	17.31	18.20
3	16QAM	15	0	17.21	17.42	17.44	18.20
3	64QAM	1	0	17.33	17.36	17.22	18.20
3	64QAM	1	8	17.32	17.23	17.35	18.20
3	64QAM	1	14	17.22	17.42	17.33	18.20
3	64QAM	8	0	17.31	17.40	17.29	18.20
3	64QAM	8	4	17.20	17.29	17.14	18.20
3	64QAM	8	7	17.23	17.30	17.44	18.20
3	64QAM	15	0	17.31	17.38	17.44	18.20
3	256QAM	1	0	17.39	17.38	17.17	18.20
3	256QAM	1	8	17.06	17.57	17.19	18.20
3	256QAM	1	14	17.39	17.27	17.37	18.20
3	256QAM	8	0	17.39	17.36	17.21	18.20
3	256QAM	8	4	17.14	17.32	17.27	18.20

3	256QAM	8	7	17.27	17.42	17.26	18.20
3	256QAM	15	0	17.26	17.24	17.42	18.20
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	17.48	17.50	17.36	18.20
1.4	QPSK	1	3	17.32	17.52	17.20	18.20
1.4	QPSK	1	5	17.42	17.30	17.31	18.20
1.4	QPSK	3	0	17.27	17.51	17.36	18.20
1.4	QPSK	3	1	17.25	17.29	17.23	18.20
1.4	QPSK	3	3	17.22	17.19	17.31	18.20
1.4	QPSK	6	0	17.01	17.28	17.16	18.20
1.4	16QAM	1	0	17.22	17.29	17.34	18.20
1.4	16QAM	1	3	17.17	17.29	17.20	18.20
1.4	16QAM	1	5	17.04	17.18	17.30	18.20
1.4	16QAM	3	0	17.30	17.22	17.13	18.20
1.4	16QAM	3	1	17.30	17.24	17.34	18.20
1.4	16QAM	3	3	17.32	17.29	17.22	18.20
1.4	16QAM	6	0	17.25	17.43	17.42	18.20
1.4	64QAM	1	0	17.27	17.32	17.27	18.20
1.4	64QAM	1	3	17.21	17.15	17.32	18.20
1.4	64QAM	1	5	17.29	17.53	17.29	18.20
1.4	64QAM	3	0	17.19	17.34	17.22	18.20
1.4	64QAM	3	1	17.16	17.29	17.17	18.20
1.4	64QAM	3	3	17.22	17.28	17.44	18.20
1.4	64QAM	6	0	17.33	17.38	17.43	18.20
1.4	256QAM	1	0	17.40	17.28	17.20	18.20
1.4	256QAM	1	3	17.08	17.54	17.22	18.20
1.4	256QAM	1	5	17.35	17.36	17.34	18.20
1.4	256QAM	3	0	17.28	17.25	17.24	18.20
1.4	256QAM	3	1	17.15	17.25	17.22	18.20
1.4	256QAM	3	3	17.30	17.38	17.32	18.20
1.4	256QAM	6	0	17.26	17.20	17.31	18.20

【LTE Band 2_Ant 5_DSI5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	17.03	17.07	16.94	17.70
20	QPSK	1	49	16.88	16.99	16.92	17.70
20	QPSK	1	99	16.94	16.91	16.83	17.70
20	QPSK	50	0	16.91	16.95	16.94	17.70
20	QPSK	50	24	16.78	16.93	16.77	17.70
20	QPSK	50	50	16.86	16.90	16.84	17.70
20	QPSK	100	0	16.73	16.78	16.70	17.70
20	16QAM	1	0	16.67	16.89	16.91	17.70
20	16QAM	1	49	16.83	16.72	16.82	17.70
20	16QAM	1	99	16.83	16.81	16.71	17.70
20	16QAM	50	0	16.83	16.89	16.90	17.70
20	16QAM	50	24	16.90	16.77	17.02	17.70
20	16QAM	50	50	16.94	16.80	16.90	17.70
20	16QAM	100	0	16.86	16.90	16.94	17.70
20	64QAM	1	0	16.83	16.80	16.91	17.70
20	64QAM	1	49	16.90	16.82	16.84	17.70
20	64QAM	1	99	16.90	16.96	16.85	17.70
20	64QAM	50	0	16.94	16.86	16.84	17.70
20	64QAM	50	24	16.87	16.84	16.74	17.70
20	64QAM	50	50	16.80	16.93	17.02	17.70
20	64QAM	100	0	16.87	16.94	16.99	17.70
20	256QAM	1	0	16.80	16.93	16.86	17.70
20	256QAM	1	49	16.74	17.11	16.86	17.70
20	256QAM	1	99	16.99	16.95	16.91	17.70
20	256QAM	50	0	16.83	17.03	16.94	17.70
20	256QAM	50	24	16.71	16.88	16.97	17.70
20	256QAM	50	50	16.85	16.82	16.87	17.70
20	256QAM	100	0	16.84	16.98	16.85	17.70
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	16.97	16.97	16.91	17.70
15	QPSK	1	37	16.81	16.85	16.85	17.70
15	QPSK	1	74	16.90	16.77	16.73	17.70
15	QPSK	36	0	16.80	16.87	16.83	17.70

15	QPSK	36	20	16.77	16.82	16.66	17.70
15	QPSK	36	39	16.83	16.80	16.81	17.70
15	QPSK	75	0	16.69	16.72	16.68	17.70
15	16QAM	1	0	16.58	16.83	16.87	17.70
15	16QAM	1	37	16.76	16.64	16.74	17.70
15	16QAM	1	74	16.78	16.74	16.58	17.70
15	16QAM	36	0	16.76	16.84	16.79	17.70
15	16QAM	36	20	16.81	16.64	16.98	17.70
15	16QAM	36	39	16.92	16.78	16.84	17.70
15	16QAM	75	0	16.76	16.82	16.86	17.70
15	64QAM	1	0	16.73	16.75	16.87	17.70
15	64QAM	1	37	16.84	16.74	16.83	17.70
15	64QAM	1	74	16.83	16.91	16.82	17.70
15	64QAM	36	0	16.85	16.72	16.81	17.70
15	64QAM	36	20	16.80	16.78	16.70	17.70
15	64QAM	36	39	16.69	16.89	16.91	17.70
15	64QAM	75	0	16.78	16.85	16.91	17.70
15	256QAM	1	0	16.73	16.80	16.80	17.70
15	256QAM	1	37	16.70	16.99	16.75	17.70
15	256QAM	1	74	16.97	16.89	16.77	17.70
15	256QAM	36	0	16.77	16.98	16.84	17.70
15	256QAM	36	20	16.59	16.86	16.93	17.70
15	256QAM	36	39	16.71	16.76	16.83	17.70
15	256QAM	75	0	16.72	16.89	16.81	17.70
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	16.91	16.96	16.87	17.70
10	QPSK	1	25	16.86	16.93	16.91	17.70
10	QPSK	1	49	16.91	16.81	16.80	17.70
10	QPSK	25	0	16.90	16.82	16.90	17.70
10	QPSK	25	12	16.72	16.79	16.68	17.70
10	QPSK	25	25	16.78	16.80	16.79	17.70
10	QPSK	50	0	16.64	16.68	16.62	17.70
10	16QAM	1	0	16.53	16.86	16.76	17.70
10	16QAM	1	25	16.70	16.64	16.79	17.70
10	16QAM	1	49	16.81	16.77	16.62	17.70
10	16QAM	25	0	16.80	16.86	16.86	17.70
10	16QAM	25	12	16.83	16.68	16.92	17.70
10	16QAM	25	25	16.83	16.79	16.76	17.70
10	16QAM	50	0	16.75	16.81	16.90	17.70
10	64QAM	1	0	16.79	16.74	16.83	17.70
10	64QAM	1	25	16.85	16.68	16.70	17.70
10	64QAM	1	49	16.82	16.85	16.71	17.70
10	64QAM	25	0	16.89	16.78	16.81	17.70
10	64QAM	25	12	16.83	16.76	16.65	17.70
10	64QAM	25	25	16.68	16.81	16.93	17.70
10	64QAM	50	0	16.84	16.80	16.90	17.70
10	256QAM	1	0	16.76	16.90	16.72	17.70
10	256QAM	1	25	16.61	17.08	16.78	17.70
10	256QAM	1	49	16.87	16.88	16.79	17.70
10	256QAM	25	0	16.71	16.95	16.81	17.70
10	256QAM	25	12	16.66	16.81	16.84	17.70
10	256QAM	25	25	16.76	16.78	16.74	17.70
10	256QAM	50	0	16.75	16.90	16.77	17.70
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	16.98	17.03	16.92	17.70
5	QPSK	1	12	16.82	16.86	16.81	17.70
5	QPSK	1	24	16.84	16.84	16.80	17.70
5	QPSK	12	0	16.89	16.86	16.83	17.70
5	QPSK	12	7	16.66	16.83	16.67	17.70
5	QPSK	12	13	16.77	16.87	16.78	17.70
5	QPSK	25	0	16.69	16.76	16.55	17.70
5	16QAM	1	0	16.59	16.85	16.85	17.70
5	16QAM	1	12	16.69	16.62	16.69	17.70
5	16QAM	1	24	16.73	16.71	16.70	17.70
5	16QAM	12	0	16.80	16.86	16.77	17.70
5	16QAM	12	7	16.83	16.72	16.95	17.70
5	16QAM	12	13	16.85	16.68	16.85	17.70
5	16QAM	25	0	16.81	16.81	16.82	17.70
5	64QAM	1	0	16.69	16.69	16.82	17.70
5	64QAM	1	12	16.83	16.77	16.72	17.70
5	64QAM	1	24	16.76	16.86	16.81	17.70
5	64QAM	12	0	16.81	16.84	16.76	17.70
5	64QAM	12	7	16.77	16.72	16.70	17.70
5	64QAM	12	13	16.69	16.90	16.97	17.70
5	64QAM	25	0	16.81	16.91	16.94	17.70
5	256QAM	1	0	16.68	16.88	16.83	17.70

5	256QAM	1	12	16.62	17.07	16.72	17.70
5	256QAM	1	24	16.91	16.89	16.86	17.70
5	256QAM	12	0	16.78	16.89	16.91	17.70
5	256QAM	12	7	16.58	16.75	16.83	17.70
5	256QAM	12	13	16.72	16.77	16.76	17.70
5	256QAM	25	0	16.74	16.91	16.78	17.70
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	16.94	16.94	16.85	17.70
3	QPSK	1	8	16.82	16.88	16.83	17.70
3	QPSK	1	14	16.85	16.90	16.77	17.70
3	QPSK	8	0	16.82	16.84	16.84	17.70
3	QPSK	8	4	16.64	16.91	16.76	17.70
3	QPSK	8	7	16.81	16.89	16.82	17.70
3	QPSK	15	0	16.58	16.70	16.63	17.70
3	16QAM	1	0	16.63	16.79	16.77	17.70
3	16QAM	1	8	16.71	16.71	16.76	17.70
3	16QAM	1	14	16.76	16.75	16.58	17.70
3	16QAM	8	0	16.71	16.80	16.79	17.70
3	16QAM	8	4	16.79	16.75	16.93	17.70
3	16QAM	8	7	16.83	16.77	16.86	17.70
3	16QAM	15	0	16.82	16.88	16.86	17.70
3	64QAM	1	0	16.68	16.69	16.84	17.70
3	64QAM	1	8	16.87	16.79	16.76	17.70
3	64QAM	1	14	16.77	16.85	16.75	17.70
3	64QAM	8	0	16.88	16.74	16.83	17.70
3	64QAM	8	4	16.84	16.80	16.67	17.70
3	64QAM	8	7	16.68	16.81	16.94	17.70
3	64QAM	15	0	16.85	16.84	16.95	17.70
3	256QAM	1	0	16.69	16.80	16.74	17.70
3	256QAM	1	8	16.63	17.02	16.75	17.70
3	256QAM	1	14	16.91	16.85	16.81	17.70
3	256QAM	8	0	16.82	16.97	16.87	17.70
3	256QAM	8	4	16.62	16.83	16.95	17.70
3	256QAM	8	7	16.81	16.73	16.72	17.70
3	256QAM	15	0	16.71	16.87	16.81	17.70
Channel				18607	18900	19193	Tune-up limit
Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	17.01	17.03	16.80	17.70
1.4	QPSK	1	3	16.83	16.91	16.78	17.70
1.4	QPSK	1	5	16.82	16.81	16.69	17.70
1.4	QPSK	3	0	16.84	16.83	16.80	17.70
1.4	QPSK	3	1	16.76	16.91	16.69	17.70
1.4	QPSK	3	3	16.78	16.76	16.73	17.70
1.4	QPSK	6	0	16.63	16.74	16.66	17.70
1.4	16QAM	1	0	16.64	16.85	16.87	17.70
1.4	16QAM	1	3	16.69	16.70	16.68	17.70
1.4	16QAM	1	5	16.79	16.71	16.58	17.70
1.4	16QAM	3	0	16.76	16.87	16.80	17.70
1.4	16QAM	3	1	16.88	16.75	16.96	17.70
1.4	16QAM	3	3	16.87	16.77	16.75	17.70
1.4	16QAM	6	0	16.80	16.85	16.83	17.70
1.4	64QAM	1	0	16.80	16.79	16.85	17.70
1.4	64QAM	1	3	16.78	16.70	16.70	17.70
1.4	64QAM	1	5	16.80	16.82	16.82	17.70
1.4	64QAM	3	0	16.93	16.73	16.83	17.70
1.4	64QAM	3	1	16.84	16.70	16.66	17.70
1.4	64QAM	3	3	16.71	16.79	16.91	17.70
1.4	64QAM	6	0	16.79	16.83	16.90	17.70
1.4	256QAM	1	0	16.67	16.87	16.73	17.70
1.4	256QAM	1	3	16.59	17.03	16.76	17.70
1.4	256QAM	1	5	16.89	16.80	16.77	17.70
1.4	256QAM	3	0	16.76	16.92	16.92	17.70
1.4	256QAM	3	1	16.64	16.73	16.94	17.70
1.4	256QAM	3	3	16.82	16.71	16.76	17.70
1.4	256QAM	6	0	16.83	16.83	16.77	17.70

【LTE Band 2_Ant 6_default】

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	25.08	25.21	24.87	25.70
20	QPSK	1	49	24.91	25.19	24.81	25.70
20	QPSK	1	99	24.91	25.11	24.69	25.70
20	QPSK	50	0	23.68	23.95	23.55	24.70
20	QPSK	50	24	23.72	23.92	23.48	24.70
20	QPSK	50	50	23.63	23.85	23.46	24.70
20	QPSK	100	0	23.55	23.81	23.40	24.70
20	16QAM	1	0	23.78	24.01	23.64	24.70
20	16QAM	1	49	23.74	23.96	23.56	24.70
20	16QAM	1	99	23.75	24.01	23.63	24.70
20	16QAM	50	0	22.75	22.90	22.50	23.70
20	16QAM	50	24	22.65	22.86	22.45	23.70
20	16QAM	50	50	22.58	22.82	22.38	23.70
20	16QAM	100	0	22.66	22.86	22.48	23.70
20	64QAM	1	0	22.65	22.79	22.45	23.70
20	64QAM	1	49	22.44	22.70	22.85	23.70
20	64QAM	1	99	22.53	22.77	22.36	23.70
20	64QAM	50	0	21.65	21.89	21.58	22.70
20	64QAM	50	24	21.75	21.89	21.50	22.70
20	64QAM	50	50	21.60	21.80	21.46	22.70
20	64QAM	100	0	21.86	21.89	21.76	22.70
20	256QAM	1	0	19.60	19.73	19.36	20.70
20	256QAM	1	49	19.49	19.67	19.37	20.70
20	256QAM	1	99	19.54	19.68	19.71	20.70
20	256QAM	50	0	19.61	19.82	19.53	20.70
20	256QAM	50	24	19.54	19.70	19.38	20.70
20	256QAM	50	50	19.63	19.75	19.47	20.70
20	256QAM	100	0	19.56	19.76	19.46	20.70
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	25.00	25.18	24.81	25.70
15	QPSK	1	37	24.76	25.09	24.67	25.70
15	QPSK	1	74	24.88	25.08	24.57	25.70
15	QPSK	36	0	23.65	23.81	23.52	24.70
15	QPSK	36	20	23.64	23.80	23.38	24.70
15	QPSK	36	39	23.60	23.78	23.32	24.70
15	QPSK	75	0	23.44	23.79	23.37	24.70
15	16QAM	1	0	23.68	23.96	23.62	24.70
15	16QAM	1	37	23.61	23.82	23.47	24.70
15	16QAM	1	74	23.65	23.91	23.52	24.70
15	16QAM	36	0	22.74	22.89	22.41	23.70
15	16QAM	36	20	22.52	22.76	22.30	23.70
15	16QAM	36	39	22.43	22.71	22.34	23.70
15	16QAM	75	0	22.64	22.82	22.43	23.70
15	64QAM	1	0	22.61	22.64	22.36	23.70
15	64QAM	1	37	22.31	22.56	22.83	23.70
15	64QAM	1	74	22.51	22.73	22.30	23.70
15	64QAM	36	0	21.52	21.84	21.54	22.70
15	64QAM	36	20	21.70	21.78	21.40	22.70
15	64QAM	36	39	21.56	21.79	21.33	22.70
15	64QAM	75	0	21.71	21.74	21.72	22.70
15	256QAM	1	0	19.51	19.71	19.31	20.70
15	256QAM	1	37	19.43	19.66	19.31	20.70
15	256QAM	1	74	19.49	19.63	19.65	20.70
15	256QAM	36	0	19.52	19.72	19.49	20.70
15	256QAM	36	20	19.51	19.63	19.30	20.70
15	256QAM	36	39	19.54	19.60	19.35	20.70
15	256QAM	75	0	19.45	19.67	19.43	20.70
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	25.01	25.06	24.77	25.70
10	QPSK	1	25	24.80	25.08	24.78	25.70
10	QPSK	1	49	24.84	25.06	24.65	25.70
10	QPSK	25	0	23.63	23.88	23.49	24.70
10	QPSK	25	12	23.67	23.87	23.45	24.70
10	QPSK	25	25	23.61	23.84	23.39	24.70
10	QPSK	50	0	23.41	23.66	23.32	24.70
10	16QAM	1	0	23.74	23.91	23.52	24.70
10	16QAM	1	25	23.60	23.91	23.51	24.70

10	16QAM	1	49	23.62	23.96	23.51	24.70
10	16QAM	25	0	22.66	22.82	22.41	23.70
10	16QAM	25	12	22.63	22.85	22.30	23.70
10	16QAM	25	25	22.55	22.78	22.31	23.70
10	16QAM	50	0	22.63	22.75	22.39	23.70
10	64QAM	1	0	22.52	22.65	22.43	23.70
10	64QAM	1	25	22.32	22.57	22.81	23.70
10	64QAM	1	49	22.41	22.68	22.34	23.70
10	64QAM	25	0	21.60	21.80	21.48	22.70
10	64QAM	25	12	21.64	21.83	21.45	22.70
10	64QAM	25	25	21.54	21.70	21.36	22.70
10	64QAM	50	0	21.81	21.74	21.74	22.70
10	256QAM	1	0	19.47	19.65	19.30	20.70
10	256QAM	1	25	19.48	19.57	19.30	20.70
10	256QAM	1	49	19.40	19.54	19.68	20.70
10	256QAM	25	0	19.59	19.68	19.44	20.70
10	256QAM	25	12	19.50	19.61	19.35	20.70
10	256QAM	25	25	19.51	19.61	19.40	20.70
10	256QAM	50	0	19.52	19.72	19.41	20.70
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	25.03	25.16	24.82	25.70
5	QPSK	1	12	24.83	25.17	24.72	25.70
5	QPSK	1	24	24.80	25.06	24.68	25.70
5	QPSK	12	0	23.53	23.86	23.52	24.70
5	QPSK	12	7	23.70	23.90	23.42	24.70
5	QPSK	12	13	23.49	23.78	23.37	24.70
5	QPSK	25	0	23.45	23.67	23.30	24.70
5	16QAM	1	0	23.73	23.88	23.61	24.70
5	16QAM	1	12	23.71	23.90	23.48	24.70
5	16QAM	1	24	23.61	23.87	23.61	24.70
5	16QAM	12	0	22.69	22.88	22.42	23.70
5	16QAM	12	7	22.63	22.81	22.43	23.70
5	16QAM	12	13	22.47	22.72	22.30	23.70
5	16QAM	25	0	22.55	22.81	22.34	23.70
5	64QAM	1	0	22.53	22.65	22.31	23.70
5	64QAM	1	12	22.30	22.61	22.77	23.70
5	64QAM	1	24	22.48	22.69	22.32	23.70
5	64QAM	12	0	21.64	21.83	21.53	22.70
5	64QAM	12	7	21.60	21.74	21.42	22.70
5	64QAM	12	13	21.52	21.65	21.31	22.70
5	64QAM	25	0	21.81	21.79	21.71	22.70
5	256QAM	1	0	19.45	19.69	19.35	20.70
5	256QAM	1	12	19.40	19.56	19.33	20.70
5	256QAM	1	24	19.50	19.62	19.60	20.70
5	256QAM	12	0	19.57	19.68	19.41	20.70
5	256QAM	12	7	19.46	19.62	19.31	20.70
5	256QAM	12	13	19.61	19.66	19.44	20.70
5	256QAM	25	0	19.53	19.62	19.37	20.70
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	24.96	25.16	24.78	25.70
3	QPSK	1	8	24.86	25.11	24.75	25.70
3	QPSK	1	14	24.82	25.01	24.62	25.70
3	QPSK	8	0	23.60	23.92	23.50	24.70
3	QPSK	8	4	23.70	23.88	23.41	24.70
3	QPSK	8	7	23.62	23.73	23.44	24.70
3	QPSK	15	0	23.52	23.74	23.36	24.70
3	16QAM	1	0	23.64	23.88	23.54	24.70
3	16QAM	1	8	23.62	23.82	23.52	24.70
3	16QAM	1	14	23.72	23.93	23.59	24.70
3	16QAM	8	0	22.69	22.87	22.49	23.70
3	16QAM	8	4	22.51	22.77	22.32	23.70
3	16QAM	8	7	22.53	22.74	22.34	23.70
3	16QAM	15	0	22.52	22.76	22.37	23.70
3	64QAM	1	0	22.52	22.73	22.42	23.70
3	64QAM	1	8	22.34	22.56	22.78	23.70
3	64QAM	1	14	22.52	22.75	22.30	23.70
3	64QAM	8	0	21.60	21.83	21.43	22.70
3	64QAM	8	4	21.72	21.86	21.39	22.70
3	64QAM	8	7	21.53	21.74	21.39	22.70
3	64QAM	15	0	21.74	21.86	21.67	22.70
3	256QAM	1	0	19.56	19.70	19.30	20.70
3	256QAM	1	8	19.46	19.58	19.35	20.70
3	256QAM	1	14	19.40	19.62	19.63	20.70
3	256QAM	8	0	19.52	19.68	19.45	20.70
3	256QAM	8	4	19.39	19.55	19.30	20.70
3	256QAM	8	7	19.53	19.69	19.35	20.70

3	256QAM	15	0	19.43	19.63	19.35	20.70
Channel				18607	18900	19193	Tune-up limit
Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	25.00	25.17	24.73	25.70
1.4	QPSK	1	3	24.76	25.14	24.73	25.70
1.4	QPSK	1	5	24.76	25.02	24.58	25.70
1.4	QPSK	3	0	24.59	24.92	24.42	25.70
1.4	QPSK	3	1	24.58	24.89	24.43	25.70
1.4	QPSK	3	3	24.51	24.81	24.40	25.70
1.4	QPSK	6	0	23.48	23.72	23.35	24.70
1.4	16QAM	1	0	23.74	23.98	23.50	24.70
1.4	16QAM	1	3	23.69	23.87	23.44	24.70
1.4	16QAM	1	5	23.60	23.93	23.50	24.70
1.4	16QAM	3	0	23.66	23.83	23.47	24.70
1.4	16QAM	3	1	23.55	23.73	23.39	24.70
1.4	16QAM	3	3	23.53	23.78	23.33	24.70
1.4	16QAM	6	0	22.62	22.71	22.38	23.70
1.4	64QAM	1	0	22.53	22.75	22.37	23.70
1.4	64QAM	1	3	22.37	22.62	22.73	23.70
1.4	64QAM	1	5	22.46	22.63	22.30	23.70
1.4	64QAM	3	0	22.55	22.83	22.55	23.70
1.4	64QAM	3	1	22.69	22.84	22.36	23.70
1.4	64QAM	3	3	22.56	22.68	22.41	23.70
1.4	64QAM	6	0	21.83	21.84	21.68	22.70
1.4	256QAM	1	0	19.58	19.62	19.35	20.70
1.4	256QAM	1	3	19.34	19.65	19.34	20.70
1.4	256QAM	1	5	19.47	19.66	19.65	20.70
1.4	256QAM	3	0	19.56	19.73	19.48	20.70
1.4	256QAM	3	1	19.47	19.62	19.33	20.70
1.4	256QAM	3	3	19.60	19.71	19.36	20.70
1.4	256QAM	6	0	19.46	19.64	19.37	20.70

【LTE Band 2_Ant 6_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	25.08	25.21	24.87	25.70
20	QPSK	1	49	24.91	25.19	24.81	25.70
20	QPSK	1	99	24.91	25.11	24.69	25.70
20	QPSK	50	0	23.68	23.95	23.55	24.70
20	QPSK	50	24	23.72	23.92	23.48	24.70
20	QPSK	50	50	23.63	23.85	23.46	24.70
20	QPSK	100	0	23.55	23.81	23.40	24.70
20	16QAM	1	0	23.78	24.01	23.64	24.70
20	16QAM	1	49	23.74	23.96	23.56	24.70
20	16QAM	1	99	23.75	24.01	23.63	24.70
20	16QAM	50	0	22.75	22.90	22.50	23.70
20	16QAM	50	24	22.65	22.86	22.45	23.70
20	16QAM	50	50	22.58	22.82	22.38	23.70
20	16QAM	100	0	22.66	22.86	22.48	23.70
20	64QAM	1	0	22.65	22.79	22.45	23.70
20	64QAM	1	49	22.44	22.70	22.85	23.70
20	64QAM	1	99	22.53	22.77	22.36	23.70
20	64QAM	50	0	21.65	21.89	21.58	22.70
20	64QAM	50	24	21.75	21.89	21.50	22.70
20	64QAM	50	50	21.60	21.80	21.46	22.70
20	64QAM	100	0	21.86	21.89	21.76	22.70
20	256QAM	1	0	19.60	19.73	19.36	20.70
20	256QAM	1	49	19.49	19.67	19.37	20.70
20	256QAM	1	99	19.54	19.68	19.71	20.70
20	256QAM	50	0	19.61	19.82	19.53	20.70
20	256QAM	50	24	19.54	19.70	19.38	20.70
20	256QAM	50	50	19.63	19.75	19.47	20.70
20	256QAM	100	0	19.56	19.76	19.46	20.70
Channel				18675	18900	19125	
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	25.00	25.18	24.81	25.70
15	QPSK	1	37	24.76	25.09	24.67	25.70
15	QPSK	1	74	24.88	25.08	24.57	25.70
15	QPSK	36	0	23.65	23.81	23.52	24.70
15	QPSK	36	20	23.64	23.80	23.38	24.70

15	QPSK	36	39	23.60	23.78	23.32	24.70
15	QPSK	75	0	23.44	23.79	23.37	24.70
15	16QAM	1	0	23.68	23.96	23.62	24.70
15	16QAM	1	37	23.61	23.82	23.47	24.70
15	16QAM	1	74	23.65	23.91	23.52	24.70
15	16QAM	36	0	22.74	22.89	22.41	23.70
15	16QAM	36	20	22.52	22.76	22.30	23.70
15	16QAM	36	39	22.43	22.71	22.34	23.70
15	16QAM	75	0	22.64	22.82	22.43	23.70
15	64QAM	1	0	22.61	22.64	22.36	23.70
15	64QAM	1	37	22.31	22.56	22.83	23.70
15	64QAM	1	74	22.51	22.73	22.30	23.70
15	64QAM	36	0	21.52	21.84	21.54	22.70
15	64QAM	36	20	21.70	21.78	21.40	22.70
15	64QAM	36	39	21.56	21.79	21.33	22.70
15	64QAM	75	0	21.71	21.74	21.72	22.70
15	256QAM	1	0	19.51	19.71	19.31	20.70
15	256QAM	1	37	19.43	19.66	19.31	20.70
15	256QAM	1	74	19.49	19.63	19.65	20.70
15	256QAM	36	0	19.52	19.72	19.49	20.70
15	256QAM	36	20	19.51	19.63	19.30	20.70
15	256QAM	36	39	19.54	19.60	19.35	20.70
15	256QAM	75	0	19.45	19.67	19.43	20.70
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	25.01	25.06	24.77	25.70
10	QPSK	1	25	24.80	25.08	24.78	25.70
10	QPSK	1	49	24.84	25.06	24.65	25.70
10	QPSK	25	0	23.63	23.88	23.49	24.70
10	QPSK	25	12	23.67	23.87	23.45	24.70
10	QPSK	25	25	23.61	23.84	23.39	24.70
10	QPSK	50	0	23.41	23.66	23.32	24.70
10	16QAM	1	0	23.74	23.91	23.52	24.70
10	16QAM	1	25	23.60	23.91	23.51	24.70
10	16QAM	1	49	23.62	23.96	23.51	24.70
10	16QAM	25	0	22.66	22.82	22.41	23.70
10	16QAM	25	12	22.63	22.85	22.30	23.70
10	16QAM	25	25	22.55	22.78	22.31	23.70
10	16QAM	50	0	22.63	22.75	22.39	23.70
10	64QAM	1	0	22.52	22.65	22.43	23.70
10	64QAM	1	25	22.32	22.57	22.81	23.70
10	64QAM	1	49	22.41	22.68	22.34	23.70
10	64QAM	25	0	21.60	21.80	21.48	22.70
10	64QAM	25	12	21.64	21.83	21.45	22.70
10	64QAM	25	25	21.54	21.70	21.36	22.70
10	64QAM	50	0	21.81	21.74	21.74	22.70
10	256QAM	1	0	19.47	19.65	19.30	20.70
10	256QAM	1	25	19.48	19.57	19.30	20.70
10	256QAM	1	49	19.40	19.54	19.68	20.70
10	256QAM	25	0	19.59	19.68	19.44	20.70
10	256QAM	25	12	19.50	19.61	19.35	20.70
10	256QAM	25	25	19.51	19.61	19.40	20.70
10	256QAM	50	0	19.52	19.72	19.41	20.70
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	25.03	25.16	24.82	25.70
5	QPSK	1	12	24.83	25.17	24.72	25.70
5	QPSK	1	24	24.80	25.06	24.68	25.70
5	QPSK	12	0	23.53	23.86	23.52	24.70
5	QPSK	12	7	23.70	23.90	23.42	24.70
5	QPSK	12	13	23.49	23.78	23.37	24.70
5	QPSK	25	0	23.45	23.67	23.30	24.70
5	16QAM	1	0	23.73	23.88	23.61	24.70
5	16QAM	1	12	23.71	23.90	23.48	24.70
5	16QAM	1	24	23.61	23.87	23.61	24.70
5	16QAM	12	0	22.69	22.88	22.42	23.70
5	16QAM	12	7	22.63	22.81	22.43	23.70
5	16QAM	12	13	22.47	22.72	22.30	23.70
5	16QAM	25	0	22.55	22.81	22.34	23.70
5	64QAM	1	0	22.53	22.65	22.31	23.70
5	64QAM	1	12	22.30	22.61	22.77	23.70
5	64QAM	1	24	22.48	22.69	22.32	23.70
5	64QAM	12	0	21.64	21.83	21.53	22.70
5	64QAM	12	7	21.60	21.74	21.42	22.70
5	64QAM	12	13	21.52	21.65	21.31	22.70
5	64QAM	25	0	21.81	21.79	21.71	22.70
5	256QAM	1	0	19.45	19.69	19.35	20.70
5	256QAM	1	12	19.40	19.56	19.33	20.70

5	256QAM	1	24	19.50	19.62	19.60	20.70
5	256QAM	12	0	19.57	19.68	19.41	20.70
5	256QAM	12	7	19.46	19.62	19.31	20.70
5	256QAM	12	13	19.61	19.66	19.44	20.70
5	256QAM	25	0	19.53	19.62	19.37	20.70
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	24.96	25.16	24.78	25.70
3	QPSK	1	8	24.86	25.11	24.75	25.70
3	QPSK	1	14	24.82	25.01	24.62	25.70
3	QPSK	8	0	23.60	23.92	23.50	24.70
3	QPSK	8	4	23.70	23.88	23.41	24.70
3	QPSK	8	7	23.62	23.73	23.44	24.70
3	QPSK	15	0	23.52	23.74	23.36	24.70
3	16QAM	1	0	23.64	23.88	23.54	24.70
3	16QAM	1	8	23.62	23.82	23.52	24.70
3	16QAM	1	14	23.72	23.93	23.59	24.70
3	16QAM	8	0	22.69	22.87	22.49	23.70
3	16QAM	8	4	22.51	22.77	22.32	23.70
3	16QAM	8	7	22.53	22.74	22.34	23.70
3	16QAM	15	0	22.52	22.76	22.37	23.70
3	64QAM	1	0	22.52	22.73	22.42	23.70
3	64QAM	1	8	22.34	22.56	22.78	23.70
3	64QAM	1	14	22.52	22.75	22.30	23.70
3	64QAM	8	0	21.60	21.83	21.43	22.70
3	64QAM	8	4	21.72	21.86	21.39	22.70
3	64QAM	8	7	21.53	21.74	21.39	22.70
3	64QAM	15	0	21.74	21.86	21.67	22.70
3	256QAM	1	0	19.56	19.70	19.30	20.70
3	256QAM	1	8	19.46	19.58	19.35	20.70
3	256QAM	1	14	19.40	19.62	19.63	20.70
3	256QAM	8	0	19.52	19.68	19.45	20.70
3	256QAM	8	4	19.39	19.55	19.30	20.70
3	256QAM	8	7	19.53	19.69	19.35	20.70
3	256QAM	15	0	19.43	19.63	19.35	20.70
Channel				18607	18900	19193	Tune-up limit
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	25.00	25.17	24.73	25.70
1.4	QPSK	1	3	24.76	25.14	24.73	25.70
1.4	QPSK	1	5	24.76	25.02	24.58	25.70
1.4	QPSK	3	0	24.59	24.92	24.42	25.70
1.4	QPSK	3	1	24.58	24.89	24.43	25.70
1.4	QPSK	3	3	24.51	24.81	24.40	25.70
1.4	QPSK	6	0	23.48	23.72	23.35	24.70
1.4	16QAM	1	0	23.74	23.98	23.50	24.70
1.4	16QAM	1	3	23.69	23.87	23.44	24.70
1.4	16QAM	1	5	23.60	23.93	23.50	24.70
1.4	16QAM	3	0	23.66	23.83	23.47	24.70
1.4	16QAM	3	1	23.55	23.73	23.39	24.70
1.4	16QAM	3	3	23.53	23.78	23.33	24.70
1.4	16QAM	6	0	22.62	22.71	22.38	23.70
1.4	64QAM	1	0	22.53	22.75	22.37	23.70
1.4	64QAM	1	3	22.37	22.62	22.73	23.70
1.4	64QAM	1	5	22.46	22.63	22.30	23.70
1.4	64QAM	3	0	22.55	22.83	22.55	23.70
1.4	64QAM	3	1	22.69	22.84	22.36	23.70
1.4	64QAM	3	3	22.56	22.68	22.41	23.70
1.4	64QAM	6	0	21.83	21.84	21.68	22.70
1.4	256QAM	1	0	19.58	19.62	19.35	20.70
1.4	256QAM	1	3	19.34	19.65	19.34	20.70
1.4	256QAM	1	5	19.47	19.66	19.65	20.70
1.4	256QAM	3	0	19.56	19.73	19.48	20.70
1.4	256QAM	3	1	19.47	19.62	19.33	20.70
1.4	256QAM	3	3	19.60	19.71	19.36	20.70
1.4	256QAM	6	0	19.46	19.64	19.37	20.70

【LTE Band 2_Ant 6_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	20.20
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	19.75	19.76	19.68	20.20
20	QPSK	1	49	19.73	19.66	19.66	20.20
20	QPSK	1	99	19.66	19.71	19.70	20.20
20	QPSK	50	0	19.66	19.74	19.73	20.20
20	QPSK	50	24	19.61	19.71	19.71	20.20
20	QPSK	50	50	19.62	19.73	19.64	20.20
20	QPSK	100	0	19.58	19.68	19.61	20.20
20	16QAM	1	0	19.75	19.67	19.69	20.20
20	16QAM	1	49	19.74	19.70	19.65	20.20
20	16QAM	1	99	19.72	19.71	19.69	20.20
20	16QAM	50	0	19.76	19.66	19.69	20.20
20	16QAM	50	24	19.68	19.71	19.77	20.20
20	16QAM	50	50	19.77	19.70	19.75	20.20
20	16QAM	100	0	19.74	19.68	19.66	20.20
20	64QAM	1	0	19.69	19.68	19.77	20.20
20	64QAM	1	49	19.70	19.67	19.74	20.20
20	64QAM	1	99	19.69	19.70	19.75	20.20
20	64QAM	50	0	19.74	19.74	19.65	20.20
20	64QAM	50	24	19.73	19.69	19.68	20.20
20	64QAM	50	50	19.67	19.69	19.70	20.20
20	64QAM	100	0	19.71	19.69	19.75	20.20
20	256QAM	1	0	19.60	19.73	19.36	20.20
20	256QAM	1	49	19.49	19.67	19.37	20.20
20	256QAM	1	99	19.54	19.68	19.71	20.20
20	256QAM	50	0	19.61	19.82	19.53	20.20
20	256QAM	50	24	19.54	19.70	19.38	20.20
20	256QAM	50	50	19.63	19.75	19.47	20.20
20	256QAM	100	0	19.56	19.76	19.46	20.20
Channel				18675	18900	19125	20.20
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	19.61	19.71	19.54	20.20
15	QPSK	1	37	19.59	19.56	19.56	20.20
15	QPSK	1	74	19.60	19.58	19.60	20.20
15	QPSK	36	0	19.65	19.61	19.70	20.20
15	QPSK	36	20	19.49	19.62	19.66	20.20
15	QPSK	36	39	19.51	19.60	19.57	20.20
15	QPSK	75	0	19.48	19.55	19.56	20.20
15	16QAM	1	0	19.71	19.57	19.59	20.20
15	16QAM	1	37	19.70	19.61	19.62	20.20
15	16QAM	1	74	19.64	19.66	19.55	20.20
15	16QAM	36	0	19.63	19.63	19.65	20.20
15	16QAM	36	20	19.65	19.63	19.70	20.20
15	16QAM	36	39	19.66	19.60	19.67	20.20
15	16QAM	75	0	19.72	19.61	19.56	20.20
15	64QAM	1	0	19.54	19.60	19.64	20.20
15	64QAM	1	37	19.67	19.58	19.72	20.20
15	64QAM	1	74	19.55	19.60	19.62	20.20
15	64QAM	36	0	19.59	19.70	19.60	20.20
15	64QAM	36	20	19.69	19.67	19.60	20.20
15	64QAM	36	39	19.54	19.60	19.56	20.20
15	64QAM	75	0	19.61	19.68	19.65	20.20
15	256QAM	1	0	19.51	19.68	19.27	20.20
15	256QAM	1	37	19.42	19.60	19.35	20.20
15	256QAM	1	74	19.48	19.64	19.69	20.20
15	256QAM	36	0	19.50	19.78	19.45	20.20
15	256QAM	36	20	19.52	19.60	19.30	20.20
15	256QAM	36	39	19.53	19.74	19.33	20.20
15	256QAM	75	0	19.43	19.70	19.32	20.20
Channel				18650	18900	19150	20.20
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	19.70	19.72	19.59	20.20
10	QPSK	1	25	19.62	19.54	19.57	20.20
10	QPSK	1	49	19.53	19.61	19.56	20.20
10	QPSK	25	0	19.56	19.70	19.65	20.20
10	QPSK	25	12	19.56	19.56	19.70	20.20
10	QPSK	25	25	19.60	19.65	19.53	20.20
10	QPSK	50	0	19.49	19.67	19.46	20.20
10	16QAM	1	0	19.69	19.66	19.59	20.20
10	16QAM	1	25	19.69	19.56	19.57	20.20
10	16QAM	1	49	19.64	19.61	19.54	20.20
10	16QAM	25	0	19.73	19.59	19.64	20.20

10	16QAM	25	12	19.63	19.60	19.72	20.20
10	16QAM	25	25	19.71	19.67	19.60	20.20
10	16QAM	50	0	19.65	19.64	19.59	20.20
10	64QAM	1	0	19.60	19.54	19.65	20.20
10	64QAM	1	25	19.60	19.59	19.72	20.20
10	64QAM	1	49	19.59	19.59	19.63	20.20
10	64QAM	25	0	19.72	19.62	19.63	20.20
10	64QAM	25	12	19.60	19.56	19.62	20.20
10	64QAM	25	25	19.64	19.58	19.60	20.20
10	64QAM	50	0	19.58	19.68	19.70	20.20
10	256QAM	1	0	19.47	19.69	19.29	20.20
10	256QAM	1	25	19.48	19.55	19.25	20.20
10	256QAM	1	49	19.50	19.64	19.68	20.20
10	256QAM	25	0	19.48	19.77	19.47	20.20
10	256QAM	25	12	19.51	19.64	19.35	20.20
10	256QAM	25	25	19.53	19.70	19.40	20.20
10	256QAM	50	0	19.43	19.69	19.37	20.20
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	19.67	19.68	19.66	20.20
5	QPSK	1	12	19.59	19.58	19.53	20.20
5	QPSK	1	24	19.54	19.56	19.68	20.20
5	QPSK	12	0	19.57	19.60	19.66	20.20
5	QPSK	12	7	19.57	19.60	19.65	20.20
5	QPSK	12	13	19.53	19.66	19.51	20.20
5	QPSK	25	0	19.48	19.65	19.55	20.20
5	16QAM	1	0	19.73	19.56	19.67	20.20
5	16QAM	1	12	19.67	19.66	19.63	20.20
5	16QAM	1	24	19.70	19.64	19.62	20.20
5	16QAM	12	0	19.65	19.52	19.58	20.20
5	16QAM	12	7	19.60	19.69	19.76	20.20
5	16QAM	12	13	19.63	19.64	19.61	20.20
5	16QAM	25	0	19.65	19.57	19.56	20.20
5	64QAM	1	0	19.55	19.61	19.75	20.20
5	64QAM	1	12	19.62	19.64	19.70	20.20
5	64QAM	1	24	19.67	19.64	19.62	20.20
5	64QAM	12	0	19.59	19.61	19.59	20.20
5	64QAM	12	7	19.70	19.64	19.58	20.20
5	64QAM	12	13	19.62	19.56	19.64	20.20
5	64QAM	25	0	19.69	19.55	19.65	20.20
5	256QAM	1	0	19.52	19.58	19.23	20.20
5	256QAM	1	12	19.37	19.59	19.28	20.20
5	256QAM	1	24	19.46	19.59	19.66	20.20
5	256QAM	12	0	19.58	19.69	19.50	20.20
5	256QAM	12	7	19.46	19.61	19.25	20.20
5	256QAM	12	13	19.57	19.64	19.43	20.20
5	256QAM	25	0	19.47	19.71	19.31	20.20
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	19.69	19.65	19.63	20.20
3	QPSK	1	8	19.71	19.57	19.57	20.20
3	QPSK	1	14	19.56	19.63	19.64	20.20
3	QPSK	8	0	19.63	19.68	19.59	20.20
3	QPSK	8	4	19.51	19.58	19.65	20.20
3	QPSK	8	7	19.52	19.61	19.50	20.20
3	QPSK	15	0	19.45	19.61	19.49	20.20
3	16QAM	1	0	19.62	19.57	19.54	20.20
3	16QAM	1	8	19.71	19.58	19.64	20.20
3	16QAM	1	14	19.62	19.68	19.61	20.20
3	16QAM	8	0	19.71	19.51	19.56	20.20
3	16QAM	8	4	19.63	19.57	19.73	20.20
3	16QAM	8	7	19.72	19.65	19.60	20.20
3	16QAM	15	0	19.62	19.59	19.62	20.20
3	64QAM	1	0	19.60	19.54	19.64	20.20
3	64QAM	1	8	19.64	19.53	19.73	20.20
3	64QAM	1	14	19.67	19.56	19.70	20.20
3	64QAM	8	0	19.73	19.60	19.51	20.20
3	64QAM	8	4	19.65	19.59	19.58	20.20
3	64QAM	8	7	19.61	19.62	19.65	20.20
3	64QAM	15	0	19.61	19.63	19.68	20.20
3	256QAM	1	0	19.56	19.58	19.34	20.20
3	256QAM	1	8	19.47	19.53	19.32	20.20
3	256QAM	1	14	19.43	19.57	19.59	20.20
3	256QAM	8	0	19.52	19.77	19.46	20.20
3	256QAM	8	4	19.52	19.62	19.34	20.20
3	256QAM	8	7	19.62	19.66	19.42	20.20
3	256QAM	15	0	19.53	19.74	19.40	20.20
Channel				18607	18900	19193	Tune-up limit

Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	19.63	19.74	19.64	20.20
1.4	QPSK	1	3	19.67	19.54	19.53	20.20
1.4	QPSK	1	5	19.57	19.67	19.67	20.20
1.4	QPSK	3	0	19.59	19.70	19.66	20.20
1.4	QPSK	3	1	19.57	19.61	19.62	20.20
1.4	QPSK	3	3	19.50	19.63	19.60	20.20
1.4	QPSK	6	0	19.49	19.61	19.47	20.20
1.4	16QAM	1	0	19.74	19.55	19.65	20.20
1.4	16QAM	1	3	19.68	19.60	19.62	20.20
1.4	16QAM	1	5	19.61	19.63	19.67	20.20
1.4	16QAM	3	0	19.74	19.60	19.66	20.20
1.4	16QAM	3	1	19.60	19.59	19.67	20.20
1.4	16QAM	3	3	19.68	19.68	19.63	20.20
1.4	16QAM	6	0	19.68	19.63	19.61	20.20
1.4	64QAM	1	0	19.55	19.56	19.69	20.20
1.4	64QAM	1	3	19.63	19.65	19.59	20.20
1.4	64QAM	1	5	19.65	19.69	19.63	20.20
1.4	64QAM	3	0	19.66	19.70	19.50	20.20
1.4	64QAM	3	1	19.71	19.57	19.58	20.20
1.4	64QAM	3	3	19.65	19.54	19.68	20.20
1.4	64QAM	6	0	19.59	19.56	19.68	20.20
1.4	256QAM	1	0	19.57	19.70	19.29	20.20
1.4	256QAM	1	3	19.36	19.59	19.27	20.20
1.4	256QAM	1	5	19.48	19.63	19.59	20.20
1.4	256QAM	3	0	19.57	19.70	19.45	20.20
1.4	256QAM	3	1	19.44	19.65	19.23	20.20
1.4	256QAM	3	3	19.54	19.70	19.38	20.20
1.4	256QAM	6	0	19.54	19.73	19.44	20.20

【LTE Band 2_Ant 6_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	24.22	24.26	24.25	24.70
20	QPSK	1	49	24.24	24.20	24.24	24.70
20	QPSK	1	99	24.21	24.19	24.21	24.70
20	QPSK	50	0	23.68	23.95	23.55	24.70
20	QPSK	50	24	23.72	23.92	23.48	24.70
20	QPSK	50	50	23.63	23.85	23.46	24.70
20	QPSK	100	0	23.55	23.81	23.40	24.70
20	16QAM	1	0	23.78	24.01	23.64	24.70
20	16QAM	1	49	23.74	23.96	23.56	24.70
20	16QAM	1	99	23.75	24.01	23.63	24.70
20	16QAM	50	0	22.75	22.90	22.50	23.70
20	16QAM	50	24	22.65	22.86	22.45	23.70
20	16QAM	50	50	22.58	22.82	22.38	23.70
20	16QAM	100	0	22.66	22.86	22.48	23.70
20	64QAM	1	0	22.65	22.79	22.45	23.70
20	64QAM	1	49	22.44	22.70	22.85	23.70
20	64QAM	1	99	22.53	22.77	22.36	23.70
20	64QAM	50	0	21.65	21.89	21.58	22.70
20	64QAM	50	24	21.75	21.89	21.50	22.70
20	64QAM	50	50	21.60	21.80	21.46	22.70
20	64QAM	100	0	21.86	21.89	21.76	22.70
20	256QAM	1	0	19.60	19.73	19.36	20.70
20	256QAM	1	49	19.49	19.67	19.37	20.70
20	256QAM	1	99	19.54	19.68	19.71	20.70
20	256QAM	50	0	19.61	19.82	19.53	20.70
20	256QAM	50	24	19.54	19.70	19.38	20.70
20	256QAM	50	50	19.63	19.75	19.47	20.70
20	256QAM	100	0	19.56	19.76	19.46	20.70
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	24.14	24.11	24.23	24.70
15	QPSK	1	37	24.18	24.08	24.11	24.70
15	QPSK	1	74	24.16	24.07	24.08	24.70
15	QPSK	36	0	23.65	23.81	23.52	24.70
15	QPSK	36	20	23.64	23.80	23.38	24.70
15	QPSK	36	39	23.60	23.78	23.32	24.70
15	QPSK	75	0	23.44	23.79	23.37	24.70

15	16QAM	1	0	23.68	23.96	23.62	24.70
15	16QAM	1	37	23.61	23.82	23.47	24.70
15	16QAM	1	74	23.65	23.91	23.52	24.70
15	16QAM	36	0	22.74	22.89	22.41	23.70
15	16QAM	36	20	22.52	22.76	22.30	23.70
15	16QAM	36	39	22.43	22.71	22.34	23.70
15	16QAM	75	0	22.64	22.82	22.43	23.70
15	64QAM	1	0	22.61	22.64	22.36	23.70
15	64QAM	1	37	22.31	22.56	22.83	23.70
15	64QAM	1	74	22.51	22.73	22.30	23.70
15	64QAM	36	0	21.52	21.84	21.54	22.70
15	64QAM	36	20	21.70	21.78	21.40	22.70
15	64QAM	36	39	21.56	21.79	21.33	22.70
15	64QAM	75	0	21.71	21.74	21.72	22.70
15	256QAM	1	0	19.51	19.71	19.31	20.70
15	256QAM	1	37	19.43	19.66	19.31	20.70
15	256QAM	1	74	19.49	19.63	19.65	20.70
15	256QAM	36	0	19.52	19.72	19.49	20.70
15	256QAM	36	20	19.51	19.63	19.30	20.70
15	256QAM	36	39	19.54	19.60	19.35	20.70
15	256QAM	75	0	19.45	19.67	19.43	20.70
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	24.16	24.21	24.21	24.70
10	QPSK	1	25	24.15	24.17	24.10	24.70
10	QPSK	1	49	24.12	24.07	24.13	24.70
10	QPSK	25	0	23.63	23.88	23.49	24.70
10	QPSK	25	12	23.67	23.87	23.45	24.70
10	QPSK	25	25	23.61	23.84	23.39	24.70
10	QPSK	50	0	23.41	23.66	23.32	24.70
10	16QAM	1	0	23.74	23.91	23.52	24.70
10	16QAM	1	25	23.60	23.91	23.51	24.70
10	16QAM	1	49	23.62	23.96	23.51	24.70
10	16QAM	25	0	22.66	22.82	22.41	23.70
10	16QAM	25	12	22.63	22.85	22.30	23.70
10	16QAM	25	25	22.55	22.78	22.31	23.70
10	16QAM	50	0	22.63	22.75	22.39	23.70
10	64QAM	1	0	22.52	22.65	22.43	23.70
10	64QAM	1	25	22.32	22.57	22.81	23.70
10	64QAM	1	49	22.41	22.68	22.34	23.70
10	64QAM	25	0	21.60	21.80	21.48	22.70
10	64QAM	25	12	21.64	21.83	21.45	22.70
10	64QAM	25	25	21.54	21.70	21.36	22.70
10	64QAM	50	0	21.81	21.74	21.74	22.70
10	256QAM	1	0	19.47	19.65	19.30	20.70
10	256QAM	1	25	19.48	19.57	19.30	20.70
10	256QAM	1	49	19.40	19.54	19.68	20.70
10	256QAM	25	0	19.59	19.68	19.44	20.70
10	256QAM	25	12	19.50	19.61	19.35	20.70
10	256QAM	25	25	19.51	19.61	19.40	20.70
10	256QAM	50	0	19.52	19.72	19.41	20.70
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	24.13	24.22	24.20	24.70
5	QPSK	1	12	24.20	24.19	24.19	24.70
5	QPSK	1	24	24.16	24.08	24.15	24.70
5	QPSK	12	0	23.53	23.86	23.52	24.70
5	QPSK	12	7	23.70	23.90	23.42	24.70
5	QPSK	12	13	23.49	23.78	23.37	24.70
5	QPSK	25	0	23.45	23.67	23.30	24.70
5	16QAM	1	0	23.73	23.88	23.61	24.70
5	16QAM	1	12	23.71	23.90	23.48	24.70
5	16QAM	1	24	23.61	23.87	23.61	24.70
5	16QAM	12	0	22.69	22.88	22.42	23.70
5	16QAM	12	7	22.63	22.81	22.43	23.70
5	16QAM	12	13	22.47	22.72	22.30	23.70
5	16QAM	25	0	22.55	22.81	22.34	23.70
5	64QAM	1	0	22.53	22.65	22.31	23.70
5	64QAM	1	12	22.30	22.61	22.77	23.70
5	64QAM	1	24	22.48	22.69	22.32	23.70
5	64QAM	12	0	21.64	21.83	21.53	22.70
5	64QAM	12	7	21.60	21.74	21.42	22.70
5	64QAM	12	13	21.52	21.65	21.31	22.70
5	64QAM	25	0	21.81	21.79	21.71	22.70
5	256QAM	1	0	19.45	19.69	19.35	20.70
5	256QAM	1	12	19.40	19.56	19.33	20.70
5	256QAM	1	24	19.50	19.62	19.60	20.70
5	256QAM	12	0	19.57	19.68	19.41	20.70

5	256QAM	12	7	19.46	19.62	19.31	20.70
5	256QAM	12	13	19.61	19.66	19.44	20.70
5	256QAM	25	0	19.53	19.62	19.37	20.70
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	24.15	24.13	24.11	24.70
3	QPSK	1	8	24.16	24.19	24.14	24.70
3	QPSK	1	14	24.07	24.13	24.19	24.70
3	QPSK	8	0	23.60	23.92	23.50	24.70
3	QPSK	8	4	23.70	23.88	23.41	24.70
3	QPSK	8	7	23.62	23.73	23.44	24.70
3	QPSK	15	0	23.52	23.74	23.36	24.70
3	16QAM	1	0	23.64	23.88	23.54	24.70
3	16QAM	1	8	23.62	23.82	23.52	24.70
3	16QAM	1	14	23.72	23.93	23.59	24.70
3	16QAM	8	0	22.69	22.87	22.49	23.70
3	16QAM	8	4	22.51	22.77	22.32	23.70
3	16QAM	8	7	22.53	22.74	22.34	23.70
3	16QAM	15	0	22.52	22.76	22.37	23.70
3	64QAM	1	0	22.52	22.73	22.42	23.70
3	64QAM	1	8	22.34	22.56	22.78	23.70
3	64QAM	1	14	22.52	22.75	22.30	23.70
3	64QAM	8	0	21.60	21.83	21.43	22.70
3	64QAM	8	4	21.72	21.86	21.39	22.70
3	64QAM	8	7	21.53	21.74	21.39	22.70
3	64QAM	15	0	21.74	21.86	21.67	22.70
3	256QAM	1	0	19.56	19.70	19.30	20.70
3	256QAM	1	8	19.46	19.58	19.35	20.70
3	256QAM	1	14	19.40	19.62	19.63	20.70
3	256QAM	8	0	19.52	19.68	19.45	20.70
3	256QAM	8	4	19.39	19.55	19.30	20.70
3	256QAM	8	7	19.53	19.69	19.35	20.70
3	256QAM	15	0	19.43	19.63	19.35	20.70
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	24.15	24.15	24.15	24.70
1.4	QPSK	1	3	24.19	24.18	24.17	24.70
1.4	QPSK	1	5	24.19	24.11	24.16	24.70
1.4	QPSK	3	0	24.59	23.92	24.42	24.70
1.4	QPSK	3	1	24.58	23.84	24.43	24.70
1.4	QPSK	3	3	24.51	23.77	24.40	24.70
1.4	QPSK	6	0	23.48	23.72	23.35	24.70
1.4	16QAM	1	0	23.74	23.98	23.50	24.70
1.4	16QAM	1	3	23.69	23.87	23.44	24.70
1.4	16QAM	1	5	23.60	23.93	23.50	24.70
1.4	16QAM	3	0	23.66	23.83	23.47	24.70
1.4	16QAM	3	1	23.55	23.73	23.39	24.70
1.4	16QAM	3	3	23.53	23.78	23.33	24.70
1.4	16QAM	6	0	22.62	22.71	22.38	23.70
1.4	64QAM	1	0	22.53	22.75	22.37	23.70
1.4	64QAM	1	3	22.37	22.62	22.73	23.70
1.4	64QAM	1	5	22.46	22.63	22.30	23.70
1.4	64QAM	3	0	22.55	22.83	22.55	23.70
1.4	64QAM	3	1	22.69	22.84	22.36	23.70
1.4	64QAM	3	3	22.56	22.68	22.41	23.70
1.4	64QAM	6	0	21.83	21.84	21.68	22.70
1.4	256QAM	1	0	19.58	19.62	19.35	20.70
1.4	256QAM	1	3	19.34	19.65	19.34	20.70
1.4	256QAM	1	5	19.47	19.66	19.65	20.70
1.4	256QAM	3	0	19.56	19.73	19.48	20.70
1.4	256QAM	3	1	19.47	19.62	19.33	20.70
1.4	256QAM	3	3	19.60	19.71	19.36	20.70
1.4	256QAM	6	0	19.46	19.64	19.37	20.70

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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	19.75	19.76	19.68	20.20
20	QPSK	1	49	19.73	19.66	19.66	20.20
20	QPSK	1	99	19.66	19.71	19.70	20.20
20	QPSK	50	0	19.66	19.74	19.73	20.20
20	QPSK	50	24	19.61	19.71	19.71	20.20
20	QPSK	50	50	19.62	19.73	19.64	20.20
20	QPSK	100	0	19.58	19.68	19.61	20.20
20	16QAM	1	0	19.75	19.67	19.69	20.20
20	16QAM	1	49	19.74	19.70	19.65	20.20
20	16QAM	1	99	19.72	19.71	19.69	20.20
20	16QAM	50	0	19.76	19.66	19.69	20.20
20	16QAM	50	24	19.68	19.71	19.77	20.20
20	16QAM	50	50	19.77	19.70	19.75	20.20
20	16QAM	100	0	19.74	19.68	19.66	20.20
20	64QAM	1	0	19.69	19.68	19.77	20.20
20	64QAM	1	49	19.70	19.67	19.74	20.20
20	64QAM	1	99	19.69	19.70	19.75	20.20
20	64QAM	50	0	19.74	19.74	19.65	20.20
20	64QAM	50	24	19.73	19.69	19.68	20.20
20	64QAM	50	50	19.67	19.69	19.70	20.20
20	64QAM	100	0	19.71	19.69	19.75	20.20
20	256QAM	1	0	19.60	19.73	19.36	20.20
20	256QAM	1	49	19.49	19.67	19.37	20.20
20	256QAM	1	99	19.54	19.68	19.71	20.20
20	256QAM	50	0	19.61	19.82	19.53	20.20
20	256QAM	50	24	19.54	19.70	19.38	20.20
20	256QAM	50	50	19.63	19.75	19.47	20.20
20	256QAM	100	0	19.56	19.76	19.46	20.20
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	19.61	19.71	19.54	20.20
15	QPSK	1	37	19.59	19.56	19.56	20.20
15	QPSK	1	74	19.60	19.58	19.60	20.20
15	QPSK	36	0	19.65	19.61	19.70	20.20
15	QPSK	36	20	19.49	19.62	19.66	20.20
15	QPSK	36	39	19.51	19.60	19.57	20.20
15	QPSK	75	0	19.48	19.55	19.56	20.20
15	16QAM	1	0	19.71	19.57	19.59	20.20
15	16QAM	1	37	19.70	19.61	19.62	20.20
15	16QAM	1	74	19.64	19.66	19.55	20.20
15	16QAM	36	0	19.63	19.63	19.65	20.20
15	16QAM	36	20	19.65	19.63	19.70	20.20
15	16QAM	36	39	19.66	19.60	19.67	20.20
15	16QAM	75	0	19.72	19.61	19.56	20.20
15	64QAM	1	0	19.54	19.60	19.64	20.20
15	64QAM	1	37	19.67	19.58	19.72	20.20
15	64QAM	1	74	19.55	19.60	19.62	20.20
15	64QAM	36	0	19.59	19.70	19.60	20.20
15	64QAM	36	20	19.69	19.67	19.60	20.20
15	64QAM	36	39	19.54	19.60	19.56	20.20
15	64QAM	75	0	19.61	19.68	19.65	20.20
15	256QAM	1	0	19.51	19.68	19.27	20.20
15	256QAM	1	37	19.42	19.60	19.35	20.20
15	256QAM	1	74	19.48	19.64	19.69	20.20
15	256QAM	36	0	19.50	19.78	19.45	20.20
15	256QAM	36	20	19.52	19.60	19.30	20.20
15	256QAM	36	39	19.53	19.74	19.33	20.20
15	256QAM	75	0	19.43	19.70	19.32	20.20
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	19.70	19.72	19.59	20.20
10	QPSK	1	25	19.62	19.54	19.57	20.20
10	QPSK	1	49	19.53	19.61	19.56	20.20
10	QPSK	25	0	19.56	19.70	19.65	20.20
10	QPSK	25	12	19.56	19.56	19.70	20.20
10	QPSK	25	25	19.60	19.65	19.53	20.20
10	QPSK	50	0	19.49	19.67	19.46	20.20
10	16QAM	1	0	19.69	19.66	19.59	20.20
10	16QAM	1	25	19.69	19.56	19.57	20.20

10	16QAM	1	49	19.64	19.61	19.54	20.20
10	16QAM	25	0	19.73	19.59	19.64	20.20
10	16QAM	25	12	19.63	19.60	19.72	20.20
10	16QAM	25	25	19.71	19.67	19.60	20.20
10	16QAM	50	0	19.65	19.64	19.59	20.20
10	64QAM	1	0	19.60	19.54	19.65	20.20
10	64QAM	1	25	19.60	19.59	19.72	20.20
10	64QAM	1	49	19.59	19.59	19.63	20.20
10	64QAM	25	0	19.72	19.62	19.63	20.20
10	64QAM	25	12	19.60	19.56	19.62	20.20
10	64QAM	25	25	19.64	19.58	19.60	20.20
10	64QAM	50	0	19.58	19.68	19.70	20.20
10	256QAM	1	0	19.47	19.69	19.29	20.20
10	256QAM	1	25	19.48	19.55	19.25	20.20
10	256QAM	1	49	19.50	19.64	19.68	20.20
10	256QAM	25	0	19.48	19.77	19.47	20.20
10	256QAM	25	12	19.51	19.64	19.35	20.20
10	256QAM	25	25	19.53	19.70	19.40	20.20
10	256QAM	50	0	19.43	19.69	19.37	20.20
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	19.67	19.68	19.66	20.20
5	QPSK	1	12	19.59	19.58	19.53	20.20
5	QPSK	1	24	19.54	19.56	19.68	20.20
5	QPSK	12	0	19.57	19.60	19.66	20.20
5	QPSK	12	7	19.57	19.60	19.65	20.20
5	QPSK	12	13	19.53	19.66	19.51	20.20
5	QPSK	25	0	19.48	19.65	19.55	20.20
5	16QAM	1	0	19.73	19.56	19.67	20.20
5	16QAM	1	12	19.67	19.66	19.63	20.20
5	16QAM	1	24	19.70	19.64	19.62	20.20
5	16QAM	12	0	19.65	19.52	19.58	20.20
5	16QAM	12	7	19.60	19.69	19.76	20.20
5	16QAM	12	13	19.63	19.64	19.61	20.20
5	16QAM	25	0	19.65	19.57	19.56	20.20
5	64QAM	1	0	19.55	19.61	19.75	20.20
5	64QAM	1	12	19.62	19.64	19.70	20.20
5	64QAM	1	24	19.67	19.64	19.62	20.20
5	64QAM	12	0	19.59	19.61	19.59	20.20
5	64QAM	12	7	19.70	19.64	19.58	20.20
5	64QAM	12	13	19.62	19.56	19.64	20.20
5	64QAM	25	0	19.69	19.55	19.65	20.20
5	256QAM	1	0	19.52	19.58	19.23	20.20
5	256QAM	1	12	19.37	19.59	19.28	20.20
5	256QAM	1	24	19.46	19.59	19.66	20.20
5	256QAM	12	0	19.58	19.69	19.50	20.20
5	256QAM	12	7	19.46	19.61	19.25	20.20
5	256QAM	12	13	19.57	19.64	19.43	20.20
5	256QAM	25	0	19.47	19.71	19.31	20.20
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	19.69	19.65	19.63	20.20
3	QPSK	1	8	19.71	19.57	19.57	20.20
3	QPSK	1	14	19.56	19.63	19.64	20.20
3	QPSK	8	0	19.63	19.68	19.59	20.20
3	QPSK	8	4	19.51	19.58	19.65	20.20
3	QPSK	8	7	19.52	19.61	19.50	20.20
3	QPSK	15	0	19.45	19.61	19.49	20.20
3	16QAM	1	0	19.62	19.57	19.54	20.20
3	16QAM	1	8	19.71	19.58	19.64	20.20
3	16QAM	1	14	19.62	19.68	19.61	20.20
3	16QAM	8	0	19.71	19.51	19.56	20.20
3	16QAM	8	4	19.63	19.57	19.73	20.20
3	16QAM	8	7	19.72	19.65	19.60	20.20
3	16QAM	15	0	19.62	19.59	19.62	20.20
3	64QAM	1	0	19.60	19.54	19.64	20.20
3	64QAM	1	8	19.64	19.53	19.73	20.20
3	64QAM	1	14	19.67	19.56	19.70	20.20
3	64QAM	8	0	19.73	19.60	19.51	20.20
3	64QAM	8	4	19.65	19.59	19.58	20.20
3	64QAM	8	7	19.61	19.62	19.65	20.20
3	64QAM	15	0	19.61	19.63	19.68	20.20
3	256QAM	1	0	19.56	19.58	19.34	20.20
3	256QAM	1	8	19.47	19.53	19.32	20.20
3	256QAM	1	14	19.43	19.57	19.59	20.20
3	256QAM	8	0	19.52	19.77	19.46	20.20
3	256QAM	8	4	19.52	19.62	19.34	20.20
3	256QAM	8	7	19.62	19.66	19.42	20.20

3	256QAM	15	0	19.53	19.74	19.40	20.20
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	19.63	19.74	19.64	20.20
1.4	QPSK	1	3	19.67	19.54	19.53	20.20
1.4	QPSK	1	5	19.57	19.67	19.67	20.20
1.4	QPSK	3	0	19.59	19.70	19.66	20.20
1.4	QPSK	3	1	19.57	19.61	19.62	20.20
1.4	QPSK	3	3	19.50	19.63	19.60	20.20
1.4	QPSK	6	0	19.49	19.61	19.47	20.20
1.4	16QAM	1	0	19.74	19.55	19.65	20.20
1.4	16QAM	1	3	19.68	19.60	19.62	20.20
1.4	16QAM	1	5	19.61	19.63	19.67	20.20
1.4	16QAM	3	0	19.74	19.60	19.66	20.20
1.4	16QAM	3	1	19.60	19.59	19.67	20.20
1.4	16QAM	3	3	19.68	19.68	19.63	20.20
1.4	16QAM	6	0	19.68	19.63	19.61	20.20
1.4	64QAM	1	0	19.55	19.56	19.69	20.20
1.4	64QAM	1	3	19.63	19.65	19.59	20.20
1.4	64QAM	1	5	19.65	19.69	19.63	20.20
1.4	64QAM	3	0	19.66	19.70	19.50	20.20
1.4	64QAM	3	1	19.71	19.57	19.58	20.20
1.4	64QAM	3	3	19.65	19.54	19.68	20.20
1.4	64QAM	6	0	19.59	19.56	19.68	20.20
1.4	256QAM	1	0	19.57	19.70	19.29	20.20
1.4	256QAM	1	3	19.36	19.59	19.27	20.20
1.4	256QAM	1	5	19.48	19.63	19.59	20.20
1.4	256QAM	3	0	19.57	19.70	19.45	20.20
1.4	256QAM	3	1	19.44	19.65	19.23	20.20
1.4	256QAM	3	3	19.54	19.70	19.38	20.20
1.4	256QAM	6	0	19.54	19.73	19.44	20.20

【LTE Band 2_Ant 7_default】

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	23.47	23.81	23.67	25.10
20	QPSK	1	49	23.27	23.76	23.49	25.10
20	QPSK	1	99	23.23	23.72	23.54	25.10
20	QPSK	50	0	22.14	22.52	22.35	24.10
20	QPSK	50	24	21.99	22.41	22.24	24.10
20	QPSK	50	50	22.02	22.44	22.18	24.10
20	QPSK	100	0	22.19	22.48	22.31	24.10
20	16QAM	1	0	22.46	22.81	22.64	24.10
20	16QAM	1	49	22.31	22.73	22.56	24.10
20	16QAM	1	99	22.38	22.74	22.56	24.10
20	16QAM	50	0	21.09	21.50	21.30	23.10
20	16QAM	50	24	21.03	21.42	21.15	23.10
20	16QAM	50	50	21.00	21.44	21.30	23.10
20	16QAM	100	0	21.12	21.56	21.30	23.10
20	64QAM	1	0	21.08	21.52	21.27	23.10
20	64QAM	1	49	21.02	21.41	21.15	23.10
20	64QAM	1	99	21.05	21.41	21.15	23.10
20	64QAM	50	0	20.11	20.47	20.24	22.10
20	64QAM	50	24	20.05	20.43	20.27	22.10
20	64QAM	50	50	20.03	20.41	20.24	22.10
20	64QAM	100	0	20.20	20.53	20.33	22.10
20	256QAM	1	0	18.17	18.51	18.31	20.10
20	256QAM	1	49	18.20	18.48	18.30	20.10
20	256QAM	1	99	18.15	18.49	18.28	20.10
20	256QAM	50	0	18.17	18.49	18.32	20.10
20	256QAM	50	24	18.05	18.45	18.33	20.10
20	256QAM	50	50	18.09	18.47	18.22	20.10
20	256QAM	100	0	18.15	18.50	18.34	20.10
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	23.35	23.72	23.62	25.10
15	QPSK	1	37	23.19	23.73	23.40	25.10
15	QPSK	1	74	23.18	23.68	23.49	25.10
15	QPSK	36	0	22.01	22.48	22.30	24.10
15	QPSK	36	20	21.90	22.39	22.17	24.10

15	QPSK	36	39	21.97	22.39	22.17	24.10
15	QPSK	75	0	22.17	22.38	22.22	24.10
15	16QAM	1	0	22.39	22.67	22.63	24.10
15	16QAM	1	37	22.27	22.62	22.53	24.10
15	16QAM	1	74	22.29	22.64	22.54	24.10
15	16QAM	36	0	21.05	21.39	21.18	23.10
15	16QAM	36	20	20.95	21.33	21.09	23.10
15	16QAM	36	39	20.95	21.39	21.20	23.10
15	16QAM	75	0	21.06	21.47	21.21	23.10
15	64QAM	1	0	20.97	21.49	21.14	23.10
15	64QAM	1	37	20.90	21.31	21.05	23.10
15	64QAM	1	74	21.00	21.36	21.09	23.10
15	64QAM	36	0	20.09	20.45	20.12	22.10
15	64QAM	36	20	19.94	20.37	20.23	22.10
15	64QAM	36	39	19.89	20.37	20.19	22.10
15	64QAM	75	0	20.10	20.51	20.31	22.10
15	256QAM	1	0	18.04	18.41	18.24	20.10
15	256QAM	1	37	18.07	18.47	18.18	20.10
15	256QAM	1	74	18.09	18.36	18.19	20.10
15	256QAM	36	0	18.12	18.35	18.22	20.10
15	256QAM	36	20	17.96	18.36	18.26	20.10
15	256QAM	36	39	18.02	18.33	18.11	20.10
15	256QAM	75	0	18.11	18.36	18.25	20.10
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	23.40	23.68	23.58	25.10
10	QPSK	1	25	23.23	23.72	23.39	25.10
10	QPSK	1	49	23.21	23.58	23.50	25.10
10	QPSK	25	0	22.03	22.38	22.28	24.10
10	QPSK	25	12	21.85	22.34	22.13	24.10
10	QPSK	25	25	21.93	22.41	22.12	24.10
10	QPSK	50	0	22.06	22.45	22.23	24.10
10	16QAM	1	0	22.44	22.77	22.49	24.10
10	16QAM	1	25	22.30	22.60	22.41	24.10
10	16QAM	1	49	22.33	22.72	22.50	24.10
10	16QAM	25	0	20.94	21.46	21.24	23.10
10	16QAM	25	12	20.97	21.36	21.14	23.10
10	16QAM	25	25	20.98	21.34	21.20	23.10
10	16QAM	50	0	21.08	21.51	21.22	23.10
10	64QAM	1	0	20.97	21.43	21.17	23.10
10	64QAM	1	25	20.94	21.30	21.11	23.10
10	64QAM	1	49	20.97	21.36	21.10	23.10
10	64QAM	25	0	20.00	20.41	20.15	22.10
10	64QAM	25	12	19.94	20.35	20.22	22.10
10	64QAM	25	25	19.97	20.38	20.09	22.10
10	64QAM	50	0	20.19	20.46	20.25	22.10
10	256QAM	1	0	18.05	18.44	18.19	20.10
10	256QAM	1	25	18.15	18.38	18.21	20.10
10	256QAM	1	49	18.05	18.45	18.14	20.10
10	256QAM	25	0	18.08	18.37	18.31	20.10
10	256QAM	25	12	17.93	18.31	18.18	20.10
10	256QAM	25	25	18.06	18.38	18.20	20.10
10	256QAM	50	0	18.06	18.39	18.31	20.10
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	23.37	23.72	23.64	25.10
5	QPSK	1	12	23.17	23.74	23.45	25.10
5	QPSK	1	24	23.12	23.67	23.53	25.10
5	QPSK	12	0	22.10	22.49	22.32	24.10
5	QPSK	12	7	21.93	22.29	22.19	24.10
5	QPSK	12	13	22.00	22.30	22.07	24.10
5	QPSK	25	0	22.09	22.45	22.28	24.10
5	16QAM	1	0	22.36	22.75	22.60	24.10
5	16QAM	1	12	22.21	22.68	22.46	24.10
5	16QAM	1	24	22.32	22.71	22.47	24.10
5	16QAM	12	0	21.01	21.38	21.21	23.10
5	16QAM	12	7	20.90	21.40	21.02	23.10
5	16QAM	12	13	20.86	21.30	21.27	23.10
5	16QAM	25	0	21.03	21.53	21.16	23.10
5	64QAM	1	0	20.95	21.39	21.13	23.10
5	64QAM	1	12	20.96	21.27	21.13	23.10
5	64QAM	1	24	20.93	21.35	21.07	23.10
5	64QAM	12	0	20.10	20.36	20.13	22.10
5	64QAM	12	7	19.92	20.37	20.13	22.10
5	64QAM	12	13	19.92	20.32	20.17	22.10
5	64QAM	25	0	20.09	20.51	20.25	22.10
5	256QAM	1	0	18.08	18.47	18.21	20.10
5	256QAM	1	12	18.14	18.40	18.16	20.10

5	256QAM	1	24	18.05	18.45	18.15	20.10
5	256QAM	12	0	18.05	18.47	18.29	20.10
5	256QAM	12	7	18.00	18.35	18.28	20.10
5	256QAM	12	13	18.08	18.37	18.10	20.10
5	256QAM	25	0	18.01	18.41	18.22	20.10
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	23.37	23.71	23.61	25.10
3	QPSK	1	8	23.20	23.74	23.36	25.10
3	QPSK	1	14	23.11	23.63	23.47	25.10
3	QPSK	8	0	21.99	22.38	22.22	24.10
3	QPSK	8	4	21.88	22.40	22.21	24.10
3	QPSK	8	7	21.91	22.31	22.11	24.10
3	QPSK	15	0	22.06	22.46	22.29	24.10
3	16QAM	1	0	22.38	22.73	22.62	24.10
3	16QAM	1	8	22.21	22.67	22.52	24.10
3	16QAM	1	14	22.29	22.67	22.50	24.10
3	16QAM	8	0	21.03	21.46	21.25	23.10
3	16QAM	8	4	20.95	21.28	21.07	23.10
3	16QAM	8	7	20.96	21.33	21.27	23.10
3	16QAM	15	0	20.99	21.48	21.21	23.10
3	64QAM	1	0	21.02	21.49	21.19	23.10
3	64QAM	1	8	20.96	21.39	21.11	23.10
3	64QAM	1	14	21.04	21.34	21.01	23.10
3	64QAM	8	0	20.10	20.46	20.13	22.10
3	64QAM	8	4	19.91	20.39	20.19	22.10
3	64QAM	8	7	19.91	20.37	20.17	22.10
3	64QAM	15	0	20.11	20.48	20.31	22.10
3	256QAM	1	0	18.09	18.38	18.23	20.10
3	256QAM	1	8	18.13	18.39	18.22	20.10
3	256QAM	1	14	18.05	18.41	18.19	20.10
3	256QAM	8	0	18.06	18.41	18.29	20.10
3	256QAM	8	4	17.95	18.34	18.30	20.10
3	256QAM	8	7	17.96	18.40	18.20	20.10
3	256QAM	15	0	18.01	18.43	18.27	20.10
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	23.43	23.68	23.54	25.10
1.4	QPSK	1	3	23.22	23.68	23.37	25.10
1.4	QPSK	1	5	23.12	23.66	23.51	25.10
1.4	QPSK	3	0	23.00	23.50	23.25	25.10
1.4	QPSK	3	1	22.97	23.29	23.17	25.10
1.4	QPSK	3	3	22.93	23.33	23.12	25.10
1.4	QPSK	6	0	22.12	22.47	22.17	24.10
1.4	16QAM	1	0	22.36	22.70	22.60	24.10
1.4	16QAM	1	3	22.19	22.69	22.43	24.10
1.4	16QAM	1	5	22.30	22.64	22.45	24.10
1.4	16QAM	3	0	21.95	22.44	22.19	24.10
1.4	16QAM	3	1	21.94	22.41	22.04	24.10
1.4	16QAM	3	3	21.98	22.41	22.29	24.10
1.4	16QAM	6	0	21.01	21.42	21.26	23.10
1.4	64QAM	1	0	21.00	21.41	21.21	23.10
1.4	64QAM	1	3	20.98	21.31	21.01	23.10
1.4	64QAM	1	5	21.00	21.37	21.04	23.10
1.4	64QAM	3	0	21.03	21.39	21.20	23.10
1.4	64QAM	3	1	21.03	21.32	21.12	23.10
1.4	64QAM	3	3	20.96	21.39	21.21	23.10
1.4	64QAM	6	0	20.10	20.42	20.31	22.10
1.4	256QAM	1	0	18.11	18.48	18.24	20.10
1.4	256QAM	1	3	18.14	18.35	18.21	20.10
1.4	256QAM	1	5	18.09	18.36	18.17	20.10
1.4	256QAM	3	0	18.03	18.47	18.30	20.10
1.4	256QAM	3	1	17.99	18.43	18.21	20.10
1.4	256QAM	3	3	18.03	18.43	18.20	20.10
1.4	256QAM	6	0	18.12	18.47	18.26	20.10

【LTE Band 2_Ant 7_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	17.72	17.79	17.78	19.10
20	QPSK	1	49	17.55	17.76	17.65	19.10
20	QPSK	1	99	17.62	17.73	17.66	19.10
20	QPSK	50	0	17.71	17.76	17.68	19.10
20	QPSK	50	24	17.59	17.72	17.61	19.10
20	QPSK	50	50	17.60	17.75	17.65	19.10
20	QPSK	100	0	17.63	17.74	17.63	19.10
20	16QAM	1	0	17.61	17.73	17.60	19.10
20	16QAM	1	49	17.47	17.68	17.53	19.10
20	16QAM	1	99	17.54	17.67	17.65	19.10
20	16QAM	50	0	17.52	17.73	17.69	19.10
20	16QAM	50	24	17.62	17.77	17.65	19.10
20	16QAM	50	50	17.50	17.65	17.53	19.10
20	16QAM	100	0	17.62	17.77	17.71	19.10
20	64QAM	1	0	17.53	17.71	17.57	19.10
20	64QAM	1	49	17.56	17.72	17.59	19.10
20	64QAM	1	99	17.49	17.70	17.57	19.10
20	64QAM	50	0	17.53	17.67	17.53	19.10
20	64QAM	50	24	17.60	17.73	17.68	19.10
20	64QAM	50	50	17.65	17.75	17.73	19.10
20	64QAM	100	0	17.64	17.73	17.69	19.10
20	256QAM	1	0	17.59	17.68	17.56	19.10
20	256QAM	1	49	17.62	17.71	17.66	19.10
20	256QAM	1	99	17.58	17.73	17.59	19.10
20	256QAM	50	0	17.45	17.65	17.57	19.10
20	256QAM	50	24	17.54	17.71	17.67	19.10
20	256QAM	50	50	17.59	17.70	17.64	19.10
20	256QAM	100	0	17.54	17.66	17.51	19.10
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	17.65	17.72	17.73	19.10
15	QPSK	1	37	17.43	17.63	17.60	19.10
15	QPSK	1	74	17.55	17.63	17.61	19.10
15	QPSK	36	0	17.64	17.71	17.58	19.10
15	QPSK	36	20	17.53	17.67	17.59	19.10
15	QPSK	36	39	17.59	17.72	17.66	19.10
15	QPSK	75	0	17.53	17.66	17.60	19.10
15	16QAM	1	0	17.48	17.60	17.56	19.10
15	16QAM	1	37	17.39	17.55	17.44	19.10
15	16QAM	1	74	17.51	17.61	17.57	19.10
15	16QAM	36	0	17.41	17.61	17.62	19.10
15	16QAM	36	20	17.57	17.74	17.63	19.10
15	16QAM	36	39	17.36	17.58	17.38	19.10
15	16QAM	75	0	17.52	17.67	17.66	19.10
15	64QAM	1	0	17.39	17.63	17.51	19.10
15	64QAM	1	37	17.54	17.71	17.48	19.10
15	64QAM	1	74	17.34	17.60	17.46	19.10
15	64QAM	36	0	17.49	17.61	17.42	19.10
15	64QAM	36	20	17.58	17.72	17.55	19.10
15	64QAM	36	39	17.56	17.65	17.68	19.10
15	64QAM	75	0	17.57	17.69	17.55	19.10
15	256QAM	1	0	17.52	17.64	17.41	19.10
15	256QAM	1	37	17.50	17.59	17.55	19.10
15	256QAM	1	74	17.52	17.71	17.50	19.10
15	256QAM	36	0	17.32	17.51	17.56	19.10
15	256QAM	36	20	17.45	17.57	17.65	19.10
15	256QAM	36	39	17.50	17.65	17.54	19.10
15	256QAM	75	0	17.39	17.57	17.44	19.10
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	17.66	17.67	17.68	19.10
10	QPSK	1	25	17.42	17.63	17.60	19.10
10	QPSK	1	49	17.55	17.65	17.55	19.10
10	QPSK	25	0	17.62	17.62	17.51	19.10
10	QPSK	25	12	17.51	17.58	17.50	19.10
10	QPSK	25	25	17.54	17.73	17.69	19.10
10	QPSK	50	0	17.49	17.61	17.54	19.10
10	16QAM	1	0	17.56	17.72	17.50	19.10

10	16QAM	1	25	17.41	17.54	17.41	19.10
10	16QAM	1	49	17.45	17.57	17.50	19.10
10	16QAM	25	0	17.49	17.67	17.60	19.10
10	16QAM	25	12	17.55	17.67	17.60	19.10
10	16QAM	25	25	17.47	17.57	17.47	19.10
10	16QAM	50	0	17.54	17.74	17.58	19.10
10	64QAM	1	0	17.45	17.58	17.45	19.10
10	64QAM	1	25	17.41	17.61	17.45	19.10
10	64QAM	1	49	17.39	17.57	17.54	19.10
10	64QAM	25	0	17.41	17.57	17.45	19.10
10	64QAM	25	12	17.55	17.70	17.56	19.10
10	64QAM	25	25	17.60	17.65	17.59	19.10
10	64QAM	50	0	17.59	17.64	17.58	19.10
10	256QAM	1	0	17.57	17.61	17.52	19.10
10	256QAM	1	25	17.54	17.57	17.61	19.10
10	256QAM	1	49	17.52	17.66	17.45	19.10
10	256QAM	25	0	17.39	17.63	17.48	19.10
10	256QAM	25	12	17.50	17.58	17.58	19.10
10	256QAM	25	25	17.50	17.65	17.62	19.10
10	256QAM	50	0	17.42	17.52	17.39	19.10
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	17.60	17.72	17.64	19.10
5	QPSK	1	12	17.49	17.64	17.54	19.10
5	QPSK	1	24	17.60	17.61	17.59	19.10
5	QPSK	12	0	17.55	17.62	17.58	19.10
5	QPSK	12	7	17.54	17.65	17.47	19.10
5	QPSK	12	13	17.47	17.63	17.69	19.10
5	QPSK	25	0	17.52	17.61	17.55	19.10
5	16QAM	1	0	17.58	17.65	17.47	19.10
5	16QAM	1	12	17.36	17.63	17.45	19.10
5	16QAM	1	24	17.52	17.55	17.61	19.10
5	16QAM	12	0	17.40	17.68	17.65	19.10
5	16QAM	12	7	17.49	17.72	17.61	19.10
5	16QAM	12	13	17.44	17.54	17.41	19.10
5	16QAM	25	0	17.53	17.73	17.65	19.10
5	64QAM	1	0	17.39	17.69	17.42	19.10
5	64QAM	1	12	17.50	17.58	17.51	19.10
5	64QAM	1	24	17.42	17.63	17.54	19.10
5	64QAM	12	0	17.49	17.52	17.48	19.10
5	64QAM	12	7	17.53	17.60	17.60	19.10
5	64QAM	12	13	17.57	17.66	17.66	19.10
5	64QAM	25	0	17.61	17.62	17.59	19.10
5	256QAM	1	0	17.49	17.63	17.55	19.10
5	256QAM	1	12	17.60	17.56	17.63	19.10
5	256QAM	1	24	17.56	17.69	17.50	19.10
5	256QAM	12	0	17.42	17.58	17.46	19.10
5	256QAM	12	7	17.40	17.61	17.57	19.10
5	256QAM	12	13	17.52	17.62	17.51	19.10
5	256QAM	25	0	17.40	17.56	17.45	19.10
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	17.64	17.69	17.68	19.10
3	QPSK	1	8	17.53	17.67	17.54	19.10
3	QPSK	1	14	17.53	17.71	17.53	19.10
3	QPSK	8	0	17.58	17.70	17.56	19.10
3	QPSK	8	4	17.51	17.66	17.50	19.10
3	QPSK	8	7	17.45	17.60	17.66	19.10
3	QPSK	15	0	17.55	17.59	17.51	19.10
3	16QAM	1	0	17.48	17.70	17.48	19.10
3	16QAM	1	8	17.33	17.55	17.51	19.10
3	16QAM	1	14	17.42	17.52	17.51	19.10
3	16QAM	8	0	17.40	17.60	17.67	19.10
3	16QAM	8	4	17.55	17.65	17.55	19.10
3	16QAM	8	7	17.38	17.52	17.40	19.10
3	16QAM	15	0	17.47	17.67	17.69	19.10
3	64QAM	1	0	17.50	17.61	17.56	19.10
3	64QAM	1	8	17.49	17.69	17.50	19.10
3	64QAM	1	14	17.38	17.61	17.55	19.10
3	64QAM	8	0	17.50	17.59	17.43	19.10
3	64QAM	8	4	17.52	17.66	17.66	19.10
3	64QAM	8	7	17.60	17.74	17.67	19.10
3	64QAM	15	0	17.55	17.70	17.56	19.10
3	256QAM	1	0	17.49	17.56	17.44	19.10
3	256QAM	1	8	17.51	17.66	17.54	19.10
3	256QAM	1	14	17.53	17.71	17.50	19.10
3	256QAM	8	0	17.32	17.59	17.46	19.10
3	256QAM	8	4	17.53	17.58	17.62	19.10

3	256QAM	8	7	17.47	17.64	17.51	19.10
3	256QAM	15	0	17.50	17.63	17.47	19.10
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	17.66	17.67	17.66	19.10
1.4	QPSK	1	3	17.47	17.64	17.55	19.10
1.4	QPSK	1	5	17.54	17.63	17.53	19.10
1.4	QPSK	3	0	17.59	17.75	17.59	19.10
1.4	QPSK	3	1	17.49	17.57	17.59	19.10
1.4	QPSK	3	3	17.48	17.70	17.61	19.10
1.4	QPSK	6	0	17.60	17.60	17.57	19.10
1.4	16QAM	1	0	17.47	17.65	17.55	19.10
1.4	16QAM	1	3	17.39	17.54	17.47	19.10
1.4	16QAM	1	5	17.51	17.60	17.51	19.10
1.4	16QAM	3	0	17.40	17.70	17.64	19.10
1.4	16QAM	3	1	17.55	17.70	17.58	19.10
1.4	16QAM	3	3	17.37	17.60	17.48	19.10
1.4	16QAM	6	0	17.48	17.69	17.66	19.10
1.4	64QAM	1	0	17.43	17.58	17.51	19.10
1.4	64QAM	1	3	17.43	17.67	17.55	19.10
1.4	64QAM	1	5	17.36	17.67	17.45	19.10
1.4	64QAM	3	0	17.40	17.60	17.38	19.10
1.4	64QAM	3	1	17.50	17.67	17.56	19.10
1.4	64QAM	3	3	17.52	17.62	17.62	19.10
1.4	64QAM	6	0	17.60	17.66	17.60	19.10
1.4	256QAM	1	0	17.57	17.54	17.45	19.10
1.4	256QAM	1	3	17.58	17.57	17.51	19.10
1.4	256QAM	1	5	17.46	17.62	17.55	19.10
1.4	256QAM	3	0	17.31	17.63	17.44	19.10
1.4	256QAM	3	1	17.44	17.58	17.53	19.10
1.4	256QAM	3	3	17.58	17.56	17.56	19.10
1.4	256QAM	6	0	17.49	17.58	17.39	19.10

【LTE Band 2_Ant 7_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	19.18	19.26	19.21	20.60
20	QPSK	1	49	18.99	19.15	18.96	20.60
20	QPSK	1	99	19.11	19.21	19.15	20.60
20	QPSK	50	0	19.18	19.25	19.11	20.60
20	QPSK	50	24	18.97	19.15	19.00	20.60
20	QPSK	50	50	19.01	19.23	19.08	20.60
20	QPSK	100	0	19.08	19.22	19.10	20.60
20	16QAM	1	0	18.90	19.12	18.92	20.60
20	16QAM	1	49	19.02	19.20	19.10	20.60
20	16QAM	1	99	19.03	19.22	19.04	20.60
20	16QAM	50	0	19.06	19.20	19.14	20.60
20	16QAM	50	24	19.01	19.19	19.04	20.60
20	16QAM	50	50	19.06	19.23	19.06	20.60
20	16QAM	100	0	19.02	19.22	19.06	20.60
20	64QAM	1	0	19.01	19.15	19.05	20.60
20	64QAM	1	49	19.05	19.19	19.02	20.60
20	64QAM	1	99	19.04	19.17	19.00	20.60
20	64QAM	50	0	19.01	19.12	18.96	20.60
20	64QAM	50	24	19.02	19.21	19.03	20.60
20	64QAM	50	50	19.06	19.24	19.14	20.60
20	64QAM	100	0	19.10	19.23	19.12	20.60
20	256QAM	1	0	18.17	18.51	18.31	20.10
20	256QAM	1	49	18.20	18.48	18.30	20.10
20	256QAM	1	99	18.15	18.49	18.28	20.10
20	256QAM	50	0	18.17	18.49	18.32	20.10
20	256QAM	50	24	18.05	18.45	18.33	20.10
20	256QAM	50	50	18.09	18.47	18.22	20.10
20	256QAM	100	0	18.15	18.50	18.34	20.10
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	19.07	19.16	19.18	20.60
15	QPSK	1	37	18.84	19.02	18.86	20.60
15	QPSK	1	74	19.09	19.18	19.06	20.60
15	QPSK	36	0	19.12	19.16	19.05	20.60

15	QPSK	36	20	18.90	19.13	18.98	20.60
15	QPSK	36	39	18.98	19.20	18.93	20.60
15	QPSK	75	0	18.98	19.09	18.96	20.60
15	16QAM	1	0	18.75	19.02	18.78	20.60
15	16QAM	1	37	18.93	19.07	19.01	20.60
15	16QAM	1	74	18.89	19.14	18.89	20.60
15	16QAM	36	0	18.96	19.17	19.07	20.60
15	16QAM	36	20	18.98	19.16	19.02	20.60
15	16QAM	36	39	18.92	19.08	19.04	20.60
15	16QAM	75	0	18.95	19.08	18.94	20.60
15	64QAM	1	0	18.91	19.06	18.98	20.60
15	64QAM	1	37	18.92	19.16	18.96	20.60
15	64QAM	1	74	18.91	19.02	18.95	20.60
15	64QAM	36	0	18.96	19.10	18.94	20.60
15	64QAM	36	20	18.98	19.07	18.92	20.60
15	64QAM	36	39	19.04	19.22	19.08	20.60
15	64QAM	75	0	19.00	19.20	18.97	20.60
15	256QAM	1	0	18.06	18.36	18.21	20.10
15	256QAM	1	37	18.07	18.42	18.21	20.10
15	256QAM	1	74	18.10	18.35	18.23	20.10
15	256QAM	36	0	18.03	18.36	18.27	20.10
15	256QAM	36	20	18.00	18.41	18.20	20.10
15	256QAM	36	39	18.04	18.36	18.08	20.10
15	256QAM	75	0	18.06	18.42	18.29	20.10
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	19.05	19.17	19.11	20.60
10	QPSK	1	25	18.96	19.02	18.81	20.60
10	QPSK	1	49	19.07	19.11	19.10	20.60
10	QPSK	25	0	19.09	19.20	19.00	20.60
10	QPSK	25	12	18.94	19.07	18.92	20.60
10	QPSK	25	25	18.90	19.19	19.03	20.60
10	QPSK	50	0	19.03	19.14	19.02	20.60
10	16QAM	1	0	18.83	18.97	18.85	20.60
10	16QAM	1	25	18.88	19.13	19.02	20.60
10	16QAM	1	49	18.93	19.20	18.90	20.60
10	16QAM	25	0	18.93	19.12	19.04	20.60
10	16QAM	25	12	18.91	19.08	18.91	20.60
10	16QAM	25	25	18.97	19.20	18.92	20.60
10	16QAM	50	0	18.96	19.17	18.94	20.60
10	64QAM	1	0	18.95	19.06	18.91	20.60
10	64QAM	1	25	18.90	19.10	18.98	20.60
10	64QAM	1	49	19.01	19.07	18.89	20.60
10	64QAM	25	0	18.89	19.04	18.82	20.60
10	64QAM	25	12	18.93	19.16	18.99	20.60
10	64QAM	25	25	18.93	19.15	19.13	20.60
10	64QAM	50	0	18.99	19.12	19.06	20.60
10	256QAM	1	0	18.09	18.48	18.25	20.10
10	256QAM	1	25	18.17	18.34	18.19	20.10
10	256QAM	1	49	18.05	18.41	18.17	20.10
10	256QAM	25	0	18.10	18.37	18.28	20.10
10	256QAM	25	12	18.01	18.34	18.29	20.10
10	256QAM	25	25	18.05	18.34	18.15	20.10
10	256QAM	50	0	18.03	18.42	18.27	20.10
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	19.03	19.14	19.07	20.60
5	QPSK	1	12	18.89	19.08	18.83	20.60
5	QPSK	1	24	19.01	19.18	19.01	20.60
5	QPSK	12	0	19.08	19.24	19.02	20.60
5	QPSK	12	7	18.91	19.03	18.91	20.60
5	QPSK	12	13	18.98	19.19	19.03	20.60
5	QPSK	25	0	18.97	19.17	18.98	20.60
5	16QAM	1	0	18.76	19.05	18.79	20.60
5	16QAM	1	12	18.95	19.06	19.01	20.60
5	16QAM	1	24	19.01	19.13	19.02	20.60
5	16QAM	12	0	18.97	19.15	19.09	20.60
5	16QAM	12	7	18.87	19.07	18.97	20.60
5	16QAM	12	13	19.02	19.14	19.03	20.60
5	16QAM	25	0	19.00	19.20	19.00	20.60
5	64QAM	1	0	18.96	19.12	18.98	20.60
5	64QAM	1	12	18.96	19.11	18.94	20.60
5	64QAM	1	24	18.91	19.07	18.87	20.60
5	64QAM	12	0	18.87	19.02	18.85	20.60
5	64QAM	12	7	18.98	19.08	18.96	20.60
5	64QAM	12	13	18.94	19.15	19.03	20.60
5	64QAM	25	0	19.03	19.14	19.02	20.60
5	256QAM	1	0	18.08	18.40	18.27	20.10

5	256QAM	1	12	18.16	18.42	18.18	20.10
5	256QAM	1	24	18.05	18.37	18.18	20.10
5	256QAM	12	0	18.04	18.39	18.27	20.10
5	256QAM	12	7	17.97	18.39	18.27	20.10
5	256QAM	12	13	17.98	18.40	18.21	20.10
5	256QAM	25	0	18.13	18.41	18.28	20.10
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	19.06	19.16	19.09	20.60
3	QPSK	1	8	18.93	19.00	18.85	20.60
3	QPSK	1	14	19.01	19.18	19.08	20.60
3	QPSK	8	0	19.03	19.16	19.02	20.60
3	QPSK	8	4	18.88	19.05	18.92	20.60
3	QPSK	8	7	18.92	19.20	19.01	20.60
3	QPSK	15	0	19.04	19.17	19.02	20.60
3	16QAM	1	0	18.77	19.07	18.79	20.60
3	16QAM	1	8	18.99	19.10	19.02	20.60
3	16QAM	1	14	18.91	19.11	19.02	20.60
3	16QAM	8	0	19.00	19.18	19.10	20.60
3	16QAM	8	4	18.98	19.17	18.98	20.60
3	16QAM	8	7	18.92	19.22	18.99	20.60
3	16QAM	15	0	18.96	19.12	19.04	20.60
3	64QAM	1	0	18.97	19.09	19.01	20.60
3	64QAM	1	8	18.99	19.12	18.88	20.60
3	64QAM	1	14	18.91	19.14	18.97	20.60
3	64QAM	8	0	18.93	19.07	18.92	20.60
3	64QAM	8	4	18.97	19.09	19.01	20.60
3	64QAM	8	7	19.04	19.17	19.11	20.60
3	64QAM	15	0	18.97	19.17	18.99	20.60
3	256QAM	1	0	18.12	18.42	18.21	20.10
3	256QAM	1	8	18.13	18.38	18.19	20.10
3	256QAM	1	14	18.13	18.40	18.24	20.10
3	256QAM	8	0	18.12	18.36	18.22	20.10
3	256QAM	8	4	17.98	18.37	18.26	20.10
3	256QAM	8	7	18.08	18.38	18.20	20.10
3	256QAM	15	0	18.10	18.42	18.28	20.10
Channel				18607	18900	19193	Tune-up limit
Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	19.10	19.22	19.17	20.60
1.4	QPSK	1	3	18.94	19.10	18.85	20.60
1.4	QPSK	1	5	19.00	19.15	19.03	20.60
1.4	QPSK	3	0	19.11	19.16	19.06	20.60
1.4	QPSK	3	1	18.90	19.06	18.85	20.60
1.4	QPSK	3	3	18.91	19.14	18.99	20.60
1.4	QPSK	6	0	18.93	19.09	19.03	20.60
1.4	16QAM	1	0	18.83	19.09	18.78	20.60
1.4	16QAM	1	3	18.92	19.18	19.04	20.60
1.4	16QAM	1	5	18.94	19.15	19.01	20.60
1.4	16QAM	3	0	18.97	19.12	19.08	20.60
1.4	16QAM	3	1	18.94	19.16	18.95	20.60
1.4	16QAM	3	3	18.93	19.22	18.99	20.60
1.4	16QAM	6	0	18.88	19.18	18.97	20.60
1.4	64QAM	1	0	18.90	19.09	18.99	20.60
1.4	64QAM	1	3	19.00	19.07	18.94	20.60
1.4	64QAM	1	5	18.96	19.14	18.89	20.60
1.4	64QAM	3	0	18.93	19.00	18.82	20.60
1.4	64QAM	3	1	18.92	19.16	18.96	20.60
1.4	64QAM	3	3	18.99	19.15	19.08	20.60
1.4	64QAM	6	0	19.07	19.13	18.98	20.60
1.4	256QAM	1	0	18.14	18.46	18.26	20.10
1.4	256QAM	1	3	18.10	18.36	18.22	20.10
1.4	256QAM	1	5	18.09	18.38	18.26	20.10
1.4	256QAM	3	0	18.08	18.39	18.29	20.10
1.4	256QAM	3	1	17.95	18.38	18.26	20.10
1.4	256QAM	3	3	18.04	18.41	18.15	20.10
1.4	256QAM	6	0	18.12	18.39	18.24	20.10

【LTE Band 2_Ant 7_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	19.18	19.26	19.21	20.60
20	QPSK	1	49	18.99	19.15	18.96	20.60
20	QPSK	1	99	19.11	19.21	19.15	20.60
20	QPSK	50	0	19.18	19.25	19.11	20.60
20	QPSK	50	24	18.97	19.15	19.00	20.60
20	QPSK	50	50	19.01	19.23	19.08	20.60
20	QPSK	100	0	19.08	19.22	19.10	20.60
20	16QAM	1	0	18.90	19.12	18.92	20.60
20	16QAM	1	49	19.02	19.20	19.10	20.60
20	16QAM	1	99	19.03	19.22	19.04	20.60
20	16QAM	50	0	19.06	19.20	19.14	20.60
20	16QAM	50	24	19.01	19.19	19.04	20.60
20	16QAM	50	50	19.06	19.23	19.06	20.60
20	16QAM	100	0	19.02	19.22	19.06	20.60
20	64QAM	1	0	19.01	19.15	19.05	20.60
20	64QAM	1	49	19.05	19.19	19.02	20.60
20	64QAM	1	99	19.04	19.17	19.00	20.60
20	64QAM	50	0	19.01	19.12	18.96	20.60
20	64QAM	50	24	19.02	19.21	19.03	20.60
20	64QAM	50	50	19.06	19.24	19.14	20.60
20	64QAM	100	0	19.10	19.23	19.12	20.60
20	256QAM	1	0	18.17	18.51	18.31	20.10
20	256QAM	1	49	18.20	18.48	18.30	20.10
20	256QAM	1	99	18.15	18.49	18.28	20.10
20	256QAM	50	0	18.17	18.49	18.32	20.10
20	256QAM	50	24	18.05	18.45	18.33	20.10
20	256QAM	50	50	18.09	18.47	18.22	20.10
20	256QAM	100	0	18.15	18.50	18.34	20.10
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	19.07	19.16	19.18	20.60
15	QPSK	1	37	18.84	19.02	18.86	20.60
15	QPSK	1	74	19.09	19.18	19.06	20.60
15	QPSK	36	0	19.12	19.16	19.05	20.60
15	QPSK	36	20	18.90	19.13	18.98	20.60
15	QPSK	36	39	18.98	19.20	18.93	20.60
15	QPSK	75	0	18.98	19.09	18.96	20.60
15	16QAM	1	0	18.75	19.02	18.78	20.60
15	16QAM	1	37	18.93	19.07	19.01	20.60
15	16QAM	1	74	18.89	19.14	18.89	20.60
15	16QAM	36	0	18.96	19.17	19.07	20.60
15	16QAM	36	20	18.98	19.16	19.02	20.60
15	16QAM	36	39	18.92	19.08	19.04	20.60
15	16QAM	75	0	18.95	19.08	18.94	20.60
15	64QAM	1	0	18.91	19.06	18.98	20.60
15	64QAM	1	37	18.92	19.16	18.96	20.60
15	64QAM	1	74	18.91	19.02	18.95	20.60
15	64QAM	36	0	18.96	19.10	18.94	20.60
15	64QAM	36	20	18.98	19.07	18.92	20.60
15	64QAM	36	39	19.04	19.22	19.08	20.60
15	64QAM	75	0	19.00	19.20	18.97	20.60
15	256QAM	1	0	18.06	18.36	18.21	20.10
15	256QAM	1	37	18.07	18.42	18.21	20.10
15	256QAM	1	74	18.10	18.35	18.23	20.10
15	256QAM	36	0	18.03	18.36	18.27	20.10
15	256QAM	36	20	18.00	18.41	18.20	20.10
15	256QAM	36	39	18.04	18.36	18.08	20.10
15	256QAM	75	0	18.06	18.42	18.29	20.10
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	19.05	19.17	19.11	20.60
10	QPSK	1	25	18.96	19.02	18.81	20.60
10	QPSK	1	49	19.07	19.11	19.10	20.60
10	QPSK	25	0	19.09	19.20	19.00	20.60
10	QPSK	25	12	18.94	19.07	18.92	20.60
10	QPSK	25	25	18.90	19.19	19.03	20.60
10	QPSK	50	0	19.03	19.14	19.02	20.60
10	16QAM	1	0	18.83	18.97	18.85	20.60

10	16QAM	1	25	18.88	19.13	19.02	20.60
10	16QAM	1	49	18.93	19.20	18.90	20.60
10	16QAM	25	0	18.93	19.12	19.04	20.60
10	16QAM	25	12	18.91	19.08	18.91	20.60
10	16QAM	25	25	18.97	19.20	18.92	20.60
10	16QAM	50	0	18.96	19.17	18.94	20.60
10	64QAM	1	0	18.95	19.06	18.91	20.60
10	64QAM	1	25	18.90	19.10	18.98	20.60
10	64QAM	1	49	19.01	19.07	18.89	20.60
10	64QAM	25	0	18.89	19.04	18.82	20.60
10	64QAM	25	12	18.93	19.16	18.99	20.60
10	64QAM	25	25	18.93	19.15	19.13	20.60
10	64QAM	50	0	18.99	19.12	19.06	20.60
10	256QAM	1	0	18.09	18.48	18.25	20.10
10	256QAM	1	25	18.17	18.34	18.19	20.10
10	256QAM	1	49	18.05	18.41	18.17	20.10
10	256QAM	25	0	18.10	18.37	18.28	20.10
10	256QAM	25	12	18.01	18.34	18.29	20.10
10	256QAM	25	25	18.05	18.34	18.15	20.10
10	256QAM	50	0	18.03	18.42	18.27	20.10
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	19.03	19.14	19.07	20.60
5	QPSK	1	12	18.89	19.08	18.83	20.60
5	QPSK	1	24	19.01	19.18	19.01	20.60
5	QPSK	12	0	19.08	19.24	19.02	20.60
5	QPSK	12	7	18.91	19.03	18.91	20.60
5	QPSK	12	13	18.98	19.19	19.03	20.60
5	QPSK	25	0	18.97	19.17	18.98	20.60
5	16QAM	1	0	18.76	19.05	18.79	20.60
5	16QAM	1	12	18.95	19.06	19.01	20.60
5	16QAM	1	24	19.01	19.13	19.02	20.60
5	16QAM	12	0	18.97	19.15	19.09	20.60
5	16QAM	12	7	18.87	19.07	18.97	20.60
5	16QAM	12	13	19.02	19.14	19.03	20.60
5	16QAM	25	0	19.00	19.20	19.00	20.60
5	64QAM	1	0	18.96	19.12	18.98	20.60
5	64QAM	1	12	18.96	19.11	18.94	20.60
5	64QAM	1	24	18.91	19.07	18.87	20.60
5	64QAM	12	0	18.87	19.02	18.85	20.60
5	64QAM	12	7	18.98	19.08	18.96	20.60
5	64QAM	12	13	18.94	19.15	19.03	20.60
5	64QAM	25	0	19.03	19.14	19.02	20.60
5	256QAM	1	0	18.08	18.40	18.27	20.10
5	256QAM	1	12	18.16	18.42	18.18	20.10
5	256QAM	1	24	18.05	18.37	18.18	20.10
5	256QAM	12	0	18.04	18.39	18.27	20.10
5	256QAM	12	7	17.97	18.39	18.27	20.10
5	256QAM	12	13	17.98	18.40	18.21	20.10
5	256QAM	25	0	18.13	18.41	18.28	20.10
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	19.06	19.16	19.09	20.60
3	QPSK	1	8	18.93	19.00	18.85	20.60
3	QPSK	1	14	19.01	19.18	19.08	20.60
3	QPSK	8	0	19.03	19.16	19.02	20.60
3	QPSK	8	4	18.88	19.05	18.92	20.60
3	QPSK	8	7	18.92	19.20	19.01	20.60
3	QPSK	15	0	19.04	19.17	19.02	20.60
3	16QAM	1	0	18.77	19.07	18.79	20.60
3	16QAM	1	8	18.99	19.10	19.02	20.60
3	16QAM	1	14	18.91	19.11	19.02	20.60
3	16QAM	8	0	19.00	19.18	19.10	20.60
3	16QAM	8	4	18.98	19.17	18.98	20.60
3	16QAM	8	7	18.92	19.22	18.99	20.60
3	16QAM	15	0	18.96	19.12	19.04	20.60
3	64QAM	1	0	18.97	19.09	19.01	20.60
3	64QAM	1	8	18.99	19.12	18.88	20.60
3	64QAM	1	14	18.91	19.14	18.97	20.60
3	64QAM	8	0	18.93	19.07	18.92	20.60
3	64QAM	8	4	18.97	19.09	19.01	20.60
3	64QAM	8	7	19.04	19.17	19.11	20.60
3	64QAM	15	0	18.97	19.17	18.99	20.60
3	256QAM	1	0	18.12	18.42	18.21	20.10
3	256QAM	1	8	18.13	18.38	18.19	20.10
3	256QAM	1	14	18.13	18.40	18.24	20.10
3	256QAM	8	0	18.12	18.36	18.22	20.10
3	256QAM	8	4	17.98	18.37	18.26	20.10

3	256QAM	8	7	18.08	18.38	18.20	20.10
3	256QAM	15	0	18.10	18.42	18.28	20.10
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	19.10	19.22	19.17	20.60
1.4	QPSK	1	3	18.94	19.10	18.85	20.60
1.4	QPSK	1	5	19.00	19.15	19.03	20.60
1.4	QPSK	3	0	19.11	19.16	19.06	20.60
1.4	QPSK	3	1	18.90	19.06	18.85	20.60
1.4	QPSK	3	3	18.91	19.14	18.99	20.60
1.4	QPSK	6	0	18.93	19.09	19.03	20.60
1.4	16QAM	1	0	18.83	19.09	18.78	20.60
1.4	16QAM	1	3	18.92	19.18	19.04	20.60
1.4	16QAM	1	5	18.94	19.15	19.01	20.60
1.4	16QAM	3	0	18.97	19.12	19.08	20.60
1.4	16QAM	3	1	18.94	19.16	18.95	20.60
1.4	16QAM	3	3	18.93	19.22	18.99	20.60
1.4	16QAM	6	0	18.88	19.18	18.97	20.60
1.4	64QAM	1	0	18.90	19.09	18.99	20.60
1.4	64QAM	1	3	19.00	19.07	18.94	20.60
1.4	64QAM	1	5	18.96	19.14	18.89	20.60
1.4	64QAM	3	0	18.93	19.00	18.82	20.60
1.4	64QAM	3	1	18.92	19.16	18.96	20.60
1.4	64QAM	3	3	18.99	19.15	19.08	20.60
1.4	64QAM	6	0	19.07	19.13	18.98	20.60
1.4	256QAM	1	0	18.14	18.46	18.26	20.10
1.4	256QAM	1	3	18.10	18.36	18.22	20.10
1.4	256QAM	1	5	18.09	18.38	18.26	20.10
1.4	256QAM	3	0	18.08	18.39	18.29	20.10
1.4	256QAM	3	1	17.95	18.38	18.26	20.10
1.4	256QAM	3	3	18.04	18.41	18.15	20.10
1.4	256QAM	6	0	18.12	18.39	18.24	20.10

【LTE Band 2_Ant 7_DSI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	17.72	17.79	17.78	19.10
20	QPSK	1	49	17.55	17.76	17.65	19.10
20	QPSK	1	99	17.62	17.73	17.66	19.10
20	QPSK	50	0	17.71	17.76	17.68	19.10
20	QPSK	50	24	17.59	17.72	17.61	19.10
20	QPSK	50	50	17.60	17.75	17.65	19.10
20	QPSK	100	0	17.63	17.74	17.63	19.10
20	16QAM	1	0	17.61	17.73	17.60	19.10
20	16QAM	1	49	17.47	17.68	17.53	19.10
20	16QAM	1	99	17.54	17.67	17.65	19.10
20	16QAM	50	0	17.52	17.73	17.69	19.10
20	16QAM	50	24	17.62	17.77	17.65	19.10
20	16QAM	50	50	17.50	17.65	17.53	19.10
20	16QAM	100	0	17.62	17.77	17.71	19.10
20	64QAM	1	0	17.53	17.71	17.57	19.10
20	64QAM	1	49	17.56	17.72	17.59	19.10
20	64QAM	1	99	17.49	17.70	17.57	19.10
20	64QAM	50	0	17.53	17.67	17.53	19.10
20	64QAM	50	24	17.60	17.73	17.68	19.10
20	64QAM	50	50	17.65	17.75	17.73	19.10
20	64QAM	100	0	17.64	17.73	17.69	19.10
20	256QAM	1	0	17.59	17.68	17.56	19.10
20	256QAM	1	49	17.62	17.71	17.66	19.10
20	256QAM	1	99	17.58	17.73	17.59	19.10
20	256QAM	50	0	17.45	17.65	17.57	19.10
20	256QAM	50	24	17.54	17.71	17.67	19.10
20	256QAM	50	50	17.59	17.70	17.64	19.10
20	256QAM	100	0	17.54	17.66	17.51	19.10
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	17.65	17.72	17.73	19.10
15	QPSK	1	37	17.43	17.63	17.60	19.10
15	QPSK	1	74	17.55	17.63	17.61	19.10
15	QPSK	36	0	17.64	17.71	17.58	19.10

15	QPSK	36	20	17.53	17.67	17.59	19.10
15	QPSK	36	39	17.59	17.72	17.66	19.10
15	QPSK	75	0	17.53	17.66	17.60	19.10
15	16QAM	1	0	17.48	17.60	17.56	19.10
15	16QAM	1	37	17.39	17.55	17.44	19.10
15	16QAM	1	74	17.51	17.61	17.57	19.10
15	16QAM	36	0	17.41	17.61	17.62	19.10
15	16QAM	36	20	17.57	17.74	17.63	19.10
15	16QAM	36	39	17.36	17.58	17.38	19.10
15	16QAM	75	0	17.52	17.67	17.66	19.10
15	64QAM	1	0	17.39	17.63	17.51	19.10
15	64QAM	1	37	17.54	17.71	17.48	19.10
15	64QAM	1	74	17.34	17.60	17.46	19.10
15	64QAM	36	0	17.49	17.61	17.42	19.10
15	64QAM	36	20	17.58	17.72	17.55	19.10
15	64QAM	36	39	17.56	17.65	17.68	19.10
15	64QAM	75	0	17.57	17.69	17.55	19.10
15	256QAM	1	0	17.52	17.64	17.41	19.10
15	256QAM	1	37	17.50	17.59	17.55	19.10
15	256QAM	1	74	17.52	17.71	17.50	19.10
15	256QAM	36	0	17.32	17.51	17.56	19.10
15	256QAM	36	20	17.45	17.57	17.65	19.10
15	256QAM	36	39	17.50	17.65	17.54	19.10
15	256QAM	75	0	17.39	17.57	17.44	19.10
Channel				18650	18900	19150	Tune-up limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	17.66	17.67	17.68	19.10
10	QPSK	1	25	17.42	17.63	17.60	19.10
10	QPSK	1	49	17.55	17.65	17.55	19.10
10	QPSK	25	0	17.62	17.62	17.51	19.10
10	QPSK	25	12	17.51	17.58	17.50	19.10
10	QPSK	25	25	17.54	17.73	17.69	19.10
10	QPSK	50	0	17.49	17.61	17.54	19.10
10	16QAM	1	0	17.56	17.72	17.50	19.10
10	16QAM	1	25	17.41	17.54	17.41	19.10
10	16QAM	1	49	17.45	17.57	17.50	19.10
10	16QAM	25	0	17.49	17.67	17.60	19.10
10	16QAM	25	12	17.55	17.67	17.60	19.10
10	16QAM	25	25	17.47	17.57	17.47	19.10
10	16QAM	50	0	17.54	17.74	17.58	19.10
10	64QAM	1	0	17.45	17.58	17.45	19.10
10	64QAM	1	25	17.41	17.61	17.45	19.10
10	64QAM	1	49	17.39	17.57	17.54	19.10
10	64QAM	25	0	17.41	17.57	17.45	19.10
10	64QAM	25	12	17.55	17.70	17.56	19.10
10	64QAM	25	25	17.60	17.65	17.59	19.10
10	64QAM	50	0	17.59	17.64	17.58	19.10
10	256QAM	1	0	17.57	17.61	17.52	19.10
10	256QAM	1	25	17.54	17.57	17.61	19.10
10	256QAM	1	49	17.52	17.66	17.45	19.10
10	256QAM	25	0	17.39	17.63	17.48	19.10
10	256QAM	25	12	17.50	17.58	17.58	19.10
10	256QAM	25	25	17.50	17.65	17.62	19.10
10	256QAM	50	0	17.42	17.52	17.39	19.10
Channel				18625	18900	19175	Tune-up limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	17.60	17.72	17.64	19.10
5	QPSK	1	12	17.49	17.64	17.54	19.10
5	QPSK	1	24	17.60	17.61	17.59	19.10
5	QPSK	12	0	17.55	17.62	17.58	19.10
5	QPSK	12	7	17.54	17.65	17.47	19.10
5	QPSK	12	13	17.47	17.63	17.69	19.10
5	QPSK	25	0	17.52	17.61	17.55	19.10
5	16QAM	1	0	17.58	17.65	17.47	19.10
5	16QAM	1	12	17.36	17.63	17.45	19.10
5	16QAM	1	24	17.52	17.55	17.61	19.10
5	16QAM	12	0	17.40	17.68	17.65	19.10
5	16QAM	12	7	17.49	17.72	17.61	19.10
5	16QAM	12	13	17.44	17.54	17.41	19.10
5	16QAM	25	0	17.53	17.73	17.65	19.10
5	64QAM	1	0	17.39	17.69	17.42	19.10
5	64QAM	1	12	17.50	17.58	17.51	19.10
5	64QAM	1	24	17.42	17.63	17.54	19.10
5	64QAM	12	0	17.49	17.52	17.48	19.10
5	64QAM	12	7	17.53	17.60	17.60	19.10
5	64QAM	12	13	17.57	17.66	17.66	19.10
5	64QAM	25	0	17.61	17.62	17.59	19.10
5	256QAM	1	0	17.49	17.63	17.55	19.10

5	256QAM	1	12	17.60	17.56	17.63	19.10
5	256QAM	1	24	17.56	17.69	17.50	19.10
5	256QAM	12	0	17.42	17.58	17.46	19.10
5	256QAM	12	7	17.40	17.61	17.57	19.10
5	256QAM	12	13	17.52	17.62	17.51	19.10
5	256QAM	25	0	17.40	17.56	17.45	19.10
Channel				18615	18900	19185	Tune-up limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	17.64	17.69	17.68	19.10
3	QPSK	1	8	17.53	17.67	17.54	19.10
3	QPSK	1	14	17.53	17.71	17.53	19.10
3	QPSK	8	0	17.58	17.70	17.56	19.10
3	QPSK	8	4	17.51	17.66	17.50	19.10
3	QPSK	8	7	17.45	17.60	17.66	19.10
3	QPSK	15	0	17.55	17.59	17.51	19.10
3	16QAM	1	0	17.48	17.70	17.48	19.10
3	16QAM	1	8	17.33	17.55	17.51	19.10
3	16QAM	1	14	17.42	17.52	17.51	19.10
3	16QAM	8	0	17.40	17.60	17.67	19.10
3	16QAM	8	4	17.55	17.65	17.55	19.10
3	16QAM	8	7	17.38	17.52	17.40	19.10
3	16QAM	15	0	17.47	17.67	17.69	19.10
3	64QAM	1	0	17.50	17.61	17.56	19.10
3	64QAM	1	8	17.49	17.69	17.50	19.10
3	64QAM	1	14	17.38	17.61	17.55	19.10
3	64QAM	8	0	17.50	17.59	17.43	19.10
3	64QAM	8	4	17.52	17.66	17.66	19.10
3	64QAM	8	7	17.60	17.74	17.67	19.10
3	64QAM	15	0	17.55	17.70	17.56	19.10
3	256QAM	1	0	17.49	17.56	17.44	19.10
3	256QAM	1	8	17.51	17.66	17.54	19.10
3	256QAM	1	14	17.53	17.71	17.50	19.10
3	256QAM	8	0	17.32	17.59	17.46	19.10
3	256QAM	8	4	17.53	17.58	17.62	19.10
3	256QAM	8	7	17.47	17.64	17.51	19.10
3	256QAM	15	0	17.50	17.63	17.47	19.10
Channel				18607	18900	19193	Tune-up limit
Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	17.66	17.67	17.66	19.10
1.4	QPSK	1	3	17.47	17.64	17.55	19.10
1.4	QPSK	1	5	17.54	17.63	17.53	19.10
1.4	QPSK	3	0	17.59	17.75	17.59	19.10
1.4	QPSK	3	1	17.49	17.57	17.59	19.10
1.4	QPSK	3	3	17.48	17.70	17.61	19.10
1.4	QPSK	6	0	17.60	17.60	17.57	19.10
1.4	16QAM	1	0	17.47	17.65	17.55	19.10
1.4	16QAM	1	3	17.39	17.54	17.47	19.10
1.4	16QAM	1	5	17.51	17.60	17.51	19.10
1.4	16QAM	3	0	17.40	17.70	17.64	19.10
1.4	16QAM	3	1	17.55	17.70	17.58	19.10
1.4	16QAM	3	3	17.37	17.60	17.48	19.10
1.4	16QAM	6	0	17.48	17.69	17.66	19.10
1.4	64QAM	1	0	17.43	17.58	17.51	19.10
1.4	64QAM	1	3	17.43	17.67	17.55	19.10
1.4	64QAM	1	5	17.36	17.67	17.45	19.10
1.4	64QAM	3	0	17.40	17.60	17.38	19.10
1.4	64QAM	3	1	17.50	17.67	17.56	19.10
1.4	64QAM	3	3	17.52	17.62	17.62	19.10
1.4	64QAM	6	0	17.60	17.66	17.60	19.10
1.4	256QAM	1	0	17.57	17.54	17.45	19.10
1.4	256QAM	1	3	17.58	17.57	17.51	19.10
1.4	256QAM	1	5	17.46	17.62	17.55	19.10
1.4	256QAM	3	0	17.31	17.63	17.44	19.10
1.4	256QAM	3	1	17.44	17.58	17.53	19.10
1.4	256QAM	3	3	17.58	17.56	17.56	19.10
1.4	256QAM	6	0	17.49	17.58	17.39	19.10

【LTE Band 4_Ant 4_Default】

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	25.05	25.28	25.18	25.70
20	QPSK	1	49	24.80	25.15	25.00	25.70
20	QPSK	1	99	24.88	25.19	24.98	25.70
20	QPSK	50	0	23.86	24.17	23.97	24.70
20	QPSK	50	24	23.78	24.12	23.98	24.70
20	QPSK	50	50	23.71	24.06	23.88	24.70
20	QPSK	100	0	23.90	24.14	24.01	24.70
20	16QAM	1	0	24.00	24.35	24.22	24.70
20	16QAM	1	49	23.96	24.23	24.00	24.70
20	16QAM	1	99	23.88	24.24	24.06	24.70
20	16QAM	50	0	22.86	23.15	23.00	23.70
20	16QAM	50	24	22.68	23.03	22.80	23.70
20	16QAM	50	50	22.73	23.07	22.90	23.70
20	16QAM	100	0	22.80	23.07	22.91	23.70
20	64QAM	1	0	22.84	23.18	22.99	23.70
20	64QAM	1	49	22.82	23.07	22.90	23.70
20	64QAM	1	99	22.66	23.03	22.87	23.70
20	64QAM	50	0	21.83	22.06	21.93	22.70
20	64QAM	50	24	21.57	21.92	21.79	22.70
20	64QAM	50	50	21.68	21.93	21.76	22.70
20	64QAM	100	0	21.76	22.06	21.86	22.70
20	256QAM	1	0	19.89	20.16	19.96	20.70
20	256QAM	1	49	19.87	20.09	19.94	20.70
20	256QAM	1	99	19.80	20.01	19.85	20.70
20	256QAM	50	0	19.86	20.11	19.95	20.70
20	256QAM	50	24	19.79	20.07	19.84	20.70
20	256QAM	50	50	19.79	20.01	19.84	20.70
20	256QAM	100	0	19.67	19.93	19.74	20.70
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	24.91	25.26	25.11	25.70
15	QPSK	1	37	24.73	25.04	24.86	25.70
15	QPSK	1	74	24.84	25.06	24.95	25.70
15	QPSK	36	0	23.80	24.12	23.89	24.70
15	QPSK	36	20	23.69	24.09	23.88	24.70
15	QPSK	36	39	23.68	23.92	23.81	24.70
15	QPSK	75	0	23.79	24.04	23.87	24.70
15	16QAM	1	0	23.91	24.30	24.20	24.70
15	16QAM	1	37	23.93	24.10	23.89	24.70
15	16QAM	1	74	23.75	24.15	23.97	24.70
15	16QAM	36	0	22.79	23.13	22.95	23.70
15	16QAM	36	20	22.56	22.93	22.68	23.70
15	16QAM	36	39	22.60	23.03	22.79	23.70
15	16QAM	75	0	22.72	23.03	22.82	23.70
15	64QAM	1	0	22.76	23.11	22.93	23.70
15	64QAM	1	37	22.79	23.05	22.87	23.70
15	64QAM	1	74	22.65	23.00	22.78	23.70
15	64QAM	36	0	21.81	21.97	21.86	22.70
15	64QAM	36	20	21.51	21.85	21.75	22.70
15	64QAM	36	39	21.60	21.81	21.65	22.70
15	64QAM	75	0	21.73	21.94	21.81	22.70
15	256QAM	1	0	19.79	20.07	19.83	20.70
15	256QAM	1	37	19.81	20.02	19.88	20.70
15	256QAM	1	74	19.70	19.93	19.79	20.70
15	256QAM	36	0	19.74	19.96	19.90	20.70
15	256QAM	36	20	19.66	20.03	19.74	20.70
15	256QAM	36	39	19.72	19.96	19.70	20.70
15	256QAM	75	0	19.54	19.82	19.62	20.70
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	24.95	25.25	25.15	25.70
10	QPSK	1	25	24.72	25.11	24.91	25.70
10	QPSK	1	49	24.83	25.08	24.90	25.70
10	QPSK	25	0	23.83	24.11	23.85	24.70
10	QPSK	25	12	23.77	24.04	23.93	24.70
10	QPSK	25	25	23.59	24.01	23.75	24.70
10	QPSK	50	0	23.80	24.05	23.94	24.70
10	16QAM	1	0	23.94	24.33	24.21	24.70
10	16QAM	1	25	23.92	24.10	23.86	24.70

10	16QAM	1	49	23.79	24.10	23.93	24.70
10	16QAM	25	0	22.80	23.03	22.91	23.70
10	16QAM	25	12	22.58	22.89	22.72	23.70
10	16QAM	25	25	22.62	22.97	22.84	23.70
10	16QAM	50	0	22.66	23.02	22.87	23.70
10	64QAM	1	0	22.74	23.13	22.89	23.70
10	64QAM	1	25	22.81	23.05	22.83	23.70
10	64QAM	1	49	22.63	22.93	22.76	23.70
10	64QAM	25	0	21.79	21.92	21.84	22.70
10	64QAM	25	12	21.52	21.91	21.68	22.70
10	64QAM	25	25	21.59	21.85	21.62	22.70
10	64QAM	50	0	21.73	21.94	21.85	22.70
10	256QAM	1	0	19.85	20.14	19.93	20.70
10	256QAM	1	25	19.83	20.01	19.82	20.70
10	256QAM	1	49	19.74	19.89	19.82	20.70
10	256QAM	25	0	19.75	20.04	19.80	20.70
10	256QAM	25	12	19.77	20.05	19.73	20.70
10	256QAM	25	25	19.74	19.88	19.69	20.70
10	256QAM	50	0	19.65	19.83	19.64	20.70
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	24.90	25.26	25.12	25.70
5	QPSK	1	12	24.67	25.12	24.97	25.70
5	QPSK	1	24	24.75	25.04	24.89	25.70
5	QPSK	12	0	23.84	24.08	23.86	24.70
5	QPSK	12	7	23.75	24.01	23.86	24.70
5	QPSK	12	13	23.61	24.04	23.77	24.70
5	QPSK	25	0	23.87	24.06	23.94	24.70
5	16QAM	1	0	23.88	24.33	24.15	24.70
5	16QAM	1	12	23.93	24.10	23.91	24.70
5	16QAM	1	24	23.84	24.11	23.93	24.70
5	16QAM	12	0	22.74	23.08	22.99	23.70
5	16QAM	12	7	22.66	22.99	22.65	23.70
5	16QAM	12	13	22.61	23.00	22.88	23.70
5	16QAM	25	0	22.74	23.02	22.77	23.70
5	64QAM	1	0	22.81	23.05	22.86	23.70
5	64QAM	1	12	22.70	23.03	22.85	23.70
5	64QAM	1	24	22.64	23.01	22.77	23.70
5	64QAM	12	0	21.79	22.01	21.89	22.70
5	64QAM	12	7	21.53	21.81	21.73	22.70
5	64QAM	12	13	21.53	21.90	21.69	22.70
5	64QAM	25	0	21.63	21.93	21.78	22.70
5	256QAM	1	0	19.85	20.05	19.93	20.70
5	256QAM	1	12	19.77	20.07	19.86	20.70
5	256QAM	1	24	19.68	19.91	19.78	20.70
5	256QAM	12	0	19.78	20.01	19.87	20.70
5	256QAM	12	7	19.72	19.95	19.71	20.70
5	256QAM	12	13	19.75	19.87	19.82	20.70
5	256QAM	25	0	19.58	19.82	19.68	20.70
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	25.02	25.25	25.07	25.70
3	QPSK	1	8	24.70	25.03	24.90	25.70
3	QPSK	1	14	24.84	25.05	24.92	25.70
3	QPSK	8	0	23.81	24.09	23.87	24.70
3	QPSK	8	4	23.76	24.03	23.92	24.70
3	QPSK	8	7	23.61	23.99	23.73	24.70
3	QPSK	15	0	23.84	24.06	23.95	24.70
3	16QAM	1	0	23.94	24.28	24.13	24.70
3	16QAM	1	8	23.94	24.14	23.87	24.70
3	16QAM	1	14	23.86	24.11	23.96	24.70
3	16QAM	8	0	22.72	23.13	22.97	23.70
3	16QAM	8	4	22.61	23.01	22.79	23.70
3	16QAM	8	7	22.70	23.06	22.85	23.70
3	16QAM	15	0	22.74	23.03	22.88	23.70
3	64QAM	1	0	22.78	23.15	22.95	23.70
3	64QAM	1	8	22.68	22.92	22.76	23.70
3	64QAM	1	14	22.57	22.92	22.84	23.70
3	64QAM	8	0	21.69	21.96	21.81	22.70
3	64QAM	8	4	21.53	21.84	21.69	22.70
3	64QAM	8	7	21.67	21.92	21.73	22.70
3	64QAM	15	0	21.70	22.01	21.79	22.70
3	256QAM	1	0	19.76	20.14	19.93	20.70
3	256QAM	1	8	19.73	19.98	19.90	20.70
3	256QAM	1	14	19.69	19.97	19.82	20.70
3	256QAM	8	0	19.80	20.02	19.80	20.70
3	256QAM	8	4	19.75	20.01	19.70	20.70
3	256QAM	8	7	19.75	19.96	19.72	20.70

3	256QAM	15	0	19.64	19.87	19.65	20.70
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	24.92	25.27	25.14	25.70
1.4	QPSK	1	3	24.74	25.13	24.94	25.70
1.4	QPSK	1	5	24.82	25.05	24.94	25.70
1.4	QPSK	3	0	24.79	25.10	24.84	25.70
1.4	QPSK	3	1	24.68	25.02	24.96	25.70
1.4	QPSK	3	3	24.70	24.92	24.85	25.70
1.4	QPSK	6	0	23.85	24.07	23.99	24.70
1.4	16QAM	1	0	23.93	24.22	24.19	24.70
1.4	16QAM	1	3	23.94	24.22	23.91	24.70
1.4	16QAM	1	5	23.84	24.10	23.91	24.70
1.4	16QAM	3	0	23.79	24.10	23.93	24.70
1.4	16QAM	3	1	23.57	23.98	23.79	24.70
1.4	16QAM	3	3	23.60	24.05	23.87	24.70
1.4	16QAM	6	0	22.69	23.02	22.78	23.70
1.4	64QAM	1	0	22.71	23.17	22.96	23.70
1.4	64QAM	1	3	22.72	22.92	22.87	23.70
1.4	64QAM	1	5	22.57	22.92	22.76	23.70
1.4	64QAM	3	0	22.81	22.99	22.90	23.70
1.4	64QAM	3	1	22.55	22.85	22.74	23.70
1.4	64QAM	3	3	22.59	22.91	22.68	23.70
1.4	64QAM	6	0	21.66	22.03	21.82	22.70
1.4	256QAM	1	0	19.77	20.04	19.84	20.70
1.4	256QAM	1	3	19.76	19.96	19.90	20.70
1.4	256QAM	1	5	19.76	19.90	19.77	20.70
1.4	256QAM	3	0	19.84	20.05	19.86	20.70
1.4	256QAM	3	1	19.71	19.97	19.74	20.70
1.4	256QAM	3	3	19.65	19.87	19.72	20.70
1.4	256QAM	6	0	19.66	19.91	19.67	20.70

【LTE Band 4_Ant 4_DS11】

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	18.02	18.14	17.92	18.70
20	QPSK	1	49	17.86	18.00	17.90	18.70
20	QPSK	1	99	17.91	18.02	17.87	18.70
20	QPSK	50	0	17.96	18.03	17.84	18.70
20	QPSK	50	24	17.84	17.81	17.76	18.70
20	QPSK	50	50	17.75	17.81	17.75	18.70
20	QPSK	100	0	17.63	17.83	17.57	18.70
20	16QAM	1	0	17.73	17.89	17.84	18.70
20	16QAM	1	49	17.76	17.71	17.91	18.70
20	16QAM	1	99	17.69	17.82	17.74	18.70
20	16QAM	50	0	17.94	17.77	17.86	18.70
20	16QAM	50	24	17.93	17.91	17.90	18.70
20	16QAM	50	50	17.83	17.81	17.88	18.70
20	16QAM	100	0	17.84	17.99	17.95	18.70
20	64QAM	1	0	17.82	17.92	17.95	18.70
20	64QAM	1	49	17.87	17.83	17.96	18.70
20	64QAM	1	99	17.86	18.03	17.97	18.70
20	64QAM	50	0	17.96	17.92	17.83	18.70
20	64QAM	50	24	17.77	17.92	17.76	18.70
20	64QAM	50	50	17.81	17.90	17.90	18.70
20	64QAM	100	0	17.93	17.84	17.98	18.70
20	256QAM	1	0	17.87	18.02	17.88	18.70
20	256QAM	1	49	17.69	18.01	17.91	18.70
20	256QAM	1	99	17.90	17.93	17.92	18.70
20	256QAM	50	0	17.91	18.00	17.81	18.70
20	256QAM	50	24	17.76	17.88	17.87	18.70
20	256QAM	50	50	17.90	17.90	17.89	18.70
20	256QAM	100	0	17.79	17.98	17.95	18.70
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	18.00	18.04	17.78	18.70
15	QPSK	1	37	17.75	17.97	17.76	18.70
15	QPSK	1	74	17.85	17.99	17.72	18.70
15	QPSK	36	0	17.85	18.00	17.78	18.70
15	QPSK	36	20	17.80	17.80	17.67	18.70

15	QPSK	36	39	17.69	17.68	17.62	18.70
15	QPSK	75	0	17.55	17.82	17.48	18.70
15	16QAM	1	0	17.70	17.76	17.81	18.70
15	16QAM	1	37	17.66	17.61	17.79	18.70
15	16QAM	1	74	17.60	17.68	17.60	18.70
15	16QAM	36	0	17.90	17.72	17.78	18.70
15	16QAM	36	20	17.91	17.90	17.89	18.70
15	16QAM	36	39	17.82	17.67	17.77	18.70
15	16QAM	75	0	17.71	17.85	17.81	18.70
15	64QAM	1	0	17.69	17.84	17.88	18.70
15	64QAM	1	37	17.81	17.81	17.92	18.70
15	64QAM	1	74	17.82	17.93	17.88	18.70
15	64QAM	36	0	17.90	17.89	17.73	18.70
15	64QAM	36	20	17.74	17.82	17.64	18.70
15	64QAM	36	39	17.69	17.82	17.80	18.70
15	64QAM	75	0	17.83	17.80	17.96	18.70
15	256QAM	1	0	17.78	17.93	17.74	18.70
15	256QAM	1	37	17.61	17.97	17.88	18.70
15	256QAM	1	74	17.89	17.84	17.81	18.70
15	256QAM	36	0	17.79	17.85	17.67	18.70
15	256QAM	36	20	17.67	17.81	17.78	18.70
15	256QAM	36	39	17.81	17.88	17.78	18.70
15	256QAM	75	0	17.78	17.91	17.82	18.70
Channel				20000	20175	20350	Tune-up limit
Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	17.98	18.13	17.82	18.70
10	QPSK	1	25	17.71	17.89	17.87	18.70
10	QPSK	1	49	17.89	17.96	17.83	18.70
10	QPSK	25	0	17.91	17.97	17.78	18.70
10	QPSK	25	12	17.75	17.76	17.61	18.70
10	QPSK	25	25	17.63	17.74	17.66	18.70
10	QPSK	50	0	17.54	17.74	17.53	18.70
10	16QAM	1	0	17.60	17.86	17.80	18.70
10	16QAM	1	25	17.67	17.62	17.89	18.70
10	16QAM	1	49	17.60	17.78	17.66	18.70
10	16QAM	25	0	17.85	17.63	17.79	18.70
10	16QAM	25	12	17.85	17.80	17.83	18.70
10	16QAM	25	25	17.71	17.76	17.84	18.70
10	16QAM	50	0	17.74	17.97	17.89	18.70
10	64QAM	1	0	17.76	17.80	17.93	18.70
10	64QAM	1	25	17.73	17.74	17.88	18.70
10	64QAM	1	49	17.73	17.91	17.95	18.70
10	64QAM	25	0	17.93	17.83	17.82	18.70
10	64QAM	25	12	17.69	17.85	17.62	18.70
10	64QAM	25	25	17.80	17.82	17.80	18.70
10	64QAM	50	0	17.86	17.75	17.86	18.70
10	256QAM	1	0	17.72	17.89	17.78	18.70
10	256QAM	1	25	17.66	17.93	17.82	18.70
10	256QAM	1	49	17.81	17.85	17.79	18.70
10	256QAM	25	0	17.78	17.93	17.66	18.70
10	256QAM	25	12	17.67	17.73	17.80	18.70
10	256QAM	25	25	17.78	17.85	17.78	18.70
10	256QAM	50	0	17.70	17.87	17.86	18.70
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	17.89	18.06	17.91	18.70
5	QPSK	1	12	17.79	17.91	17.87	18.70
5	QPSK	1	24	17.86	17.95	17.82	18.70
5	QPSK	12	0	17.89	18.00	17.70	18.70
5	QPSK	12	7	17.72	17.79	17.69	18.70
5	QPSK	12	13	17.65	17.73	17.66	18.70
5	QPSK	25	0	17.55	17.69	17.43	18.70
5	16QAM	1	0	17.67	17.88	17.71	18.70
5	16QAM	1	12	17.63	17.66	17.86	18.70
5	16QAM	1	24	17.60	17.72	17.66	18.70
5	16QAM	12	0	17.91	17.69	17.81	18.70
5	16QAM	12	7	17.85	17.78	17.86	18.70
5	16QAM	12	13	17.69	17.73	17.82	18.70
5	16QAM	25	0	17.71	17.91	17.92	18.70
5	64QAM	1	0	17.77	17.82	17.83	18.70
5	64QAM	1	12	17.85	17.72	17.92	18.70
5	64QAM	1	24	17.84	17.92	17.86	18.70
5	64QAM	12	0	17.82	17.86	17.79	18.70
5	64QAM	12	7	17.68	17.90	17.68	18.70
5	64QAM	12	13	17.72	17.87	17.76	18.70
5	64QAM	25	0	17.91	17.79	17.88	18.70
5	256QAM	1	0	17.76	17.91	17.75	18.70
5	256QAM	1	12	17.54	17.94	17.82	18.70

5	256QAM	1	24	17.78	17.90	17.81	18.70
5	256QAM	12	0	17.84	17.86	17.80	18.70
5	256QAM	12	7	17.65	17.78	17.80	18.70
5	256QAM	12	13	17.77	17.79	17.83	18.70
5	256QAM	25	0	17.68	17.92	17.93	18.70
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	17.94	18.11	17.88	18.70
3	QPSK	1	8	17.83	17.92	17.81	18.70
3	QPSK	1	14	17.77	17.99	17.76	18.70
3	QPSK	8	0	17.87	17.91	17.73	18.70
3	QPSK	8	4	17.83	17.73	17.67	18.70
3	QPSK	8	7	17.68	17.66	17.65	18.70
3	QPSK	15	0	17.59	17.74	17.54	18.70
3	16QAM	1	0	17.62	17.84	17.83	18.70
3	16QAM	1	8	17.72	17.63	17.89	18.70
3	16QAM	1	14	17.62	17.76	17.63	18.70
3	16QAM	8	0	17.86	17.75	17.72	18.70
3	16QAM	8	4	17.81	17.81	17.80	18.70
3	16QAM	8	7	17.74	17.74	17.79	18.70
3	16QAM	15	0	17.76	17.87	17.82	18.70
3	64QAM	1	0	17.68	17.86	17.92	18.70
3	64QAM	1	8	17.75	17.75	17.93	18.70
3	64QAM	1	14	17.81	17.89	17.94	18.70
3	64QAM	8	0	17.85	17.81	17.72	18.70
3	64QAM	8	4	17.76	17.84	17.74	18.70
3	64QAM	8	7	17.74	17.85	17.78	18.70
3	64QAM	15	0	17.85	17.75	17.93	18.70
3	256QAM	1	0	17.80	17.91	17.82	18.70
3	256QAM	1	8	17.54	17.92	17.77	18.70
3	256QAM	1	14	17.89	17.80	17.78	18.70
3	256QAM	8	0	17.80	17.91	17.71	18.70
3	256QAM	8	4	17.63	17.76	17.76	18.70
3	256QAM	8	7	17.83	17.85	17.77	18.70
3	256QAM	15	0	17.78	17.87	17.87	18.70
Channel				19957	20175	20393	Tune-up limit
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	18.00	18.03	17.84	18.70
1.4	QPSK	1	3	17.75	17.97	17.80	18.70
1.4	QPSK	1	5	17.81	17.88	17.77	18.70
1.4	QPSK	3	0	17.81	18.02	17.82	18.70
1.4	QPSK	3	1	17.83	17.66	17.74	18.70
1.4	QPSK	3	3	17.65	17.67	17.70	18.70
1.4	QPSK	6	0	17.48	17.71	17.51	18.70
1.4	16QAM	1	0	17.70	17.79	17.69	18.70
1.4	16QAM	1	3	17.69	17.66	17.79	18.70
1.4	16QAM	1	5	17.56	17.78	17.69	18.70
1.4	16QAM	3	0	17.87	17.72	17.84	18.70
1.4	16QAM	3	1	17.85	17.80	17.83	18.70
1.4	16QAM	3	3	17.71	17.70	17.78	18.70
1.4	16QAM	6	0	17.74	17.88	17.93	18.70
1.4	64QAM	1	0	17.69	17.82	17.81	18.70
1.4	64QAM	1	3	17.79	17.76	17.92	18.70
1.4	64QAM	1	5	17.78	17.93	17.93	18.70
1.4	64QAM	3	0	17.87	17.87	17.69	18.70
1.4	64QAM	3	1	17.64	17.88	17.70	18.70
1.4	64QAM	3	3	17.73	17.81	17.78	18.70
1.4	64QAM	6	0	17.85	17.78	17.93	18.70
1.4	256QAM	1	0	17.76	17.95	17.87	18.70
1.4	256QAM	1	3	17.67	17.98	17.84	18.70
1.4	256QAM	1	5	17.83	17.78	17.84	18.70
1.4	256QAM	3	0	17.82	17.85	17.78	18.70
1.4	256QAM	3	1	17.67	17.80	17.84	18.70
1.4	256QAM	3	3	17.86	17.81	17.78	18.70
1.4	256QAM	6	0	17.76	17.96	17.83	18.70

【LTE Band 4_Ant 4_DSI3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	21.00	21.08	21.03	21.70
20	QPSK	1	49	20.93	20.99	20.88	21.70
20	QPSK	1	99	20.98	20.90	20.88	21.70
20	QPSK	50	0	20.88	20.98	20.94	21.70
20	QPSK	50	24	20.72	20.87	20.72	21.70
20	QPSK	50	50	20.85	20.87	20.79	21.70
20	QPSK	100	0	20.66	20.82	20.63	21.70
20	16QAM	1	0	20.79	20.82	20.83	21.70
20	16QAM	1	49	20.72	20.83	20.83	21.70
20	16QAM	1	99	20.75	20.66	20.78	21.70
20	16QAM	50	0	20.83	20.89	20.83	21.70
20	16QAM	50	24	20.87	20.90	21.03	21.70
20	16QAM	50	50	20.85	20.85	20.87	21.70
20	16QAM	100	0	20.76	21.04	20.95	21.70
20	64QAM	1	0	20.80	20.83	20.91	21.70
20	64QAM	1	49	20.84	20.77	20.89	21.70
20	64QAM	1	99	20.88	21.04	20.96	21.70
20	64QAM	50	0	20.91	20.94	20.87	21.70
20	64QAM	50	24	20.79	20.93	20.86	21.70
20	64QAM	50	50	20.87	21.00	20.98	21.70
20	64QAM	100	0	20.80	20.86	20.98	21.70
20	256QAM	1	0	19.89	20.16	19.96	20.70
20	256QAM	1	49	19.87	20.09	19.94	20.70
20	256QAM	1	99	19.80	20.01	19.85	20.70
20	256QAM	50	0	19.86	20.11	19.95	20.70
20	256QAM	50	24	19.79	20.07	19.84	20.70
20	256QAM	50	50	19.79	20.01	19.84	20.70
20	256QAM	100	0	19.67	19.93	19.74	20.70
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	20.87	21.04	20.88	21.70
15	QPSK	1	37	20.91	20.97	20.84	21.70
15	QPSK	1	74	20.89	20.79	20.83	21.70
15	QPSK	36	0	20.84	20.86	20.86	21.70
15	QPSK	36	20	20.70	20.77	20.70	21.70
15	QPSK	36	39	20.79	20.77	20.77	21.70
15	QPSK	75	0	20.62	20.69	20.52	21.70
15	16QAM	1	0	20.71	20.75	20.80	21.70
15	16QAM	1	37	20.67	20.68	20.75	21.70
15	16QAM	1	74	20.63	20.64	20.76	21.70
15	16QAM	36	0	20.73	20.84	20.78	21.70
15	16QAM	36	20	20.76	20.84	21.01	21.70
15	16QAM	36	39	20.82	20.78	20.84	21.70
15	16QAM	75	0	20.63	20.93	20.80	21.70
15	64QAM	1	0	20.77	20.82	20.76	21.70
15	64QAM	1	37	20.80	20.62	20.83	21.70
15	64QAM	1	74	20.79	21.03	20.82	21.70
15	64QAM	36	0	20.77	20.85	20.74	21.70
15	64QAM	36	20	20.77	20.85	20.84	21.70
15	64QAM	36	39	20.80	20.88	20.94	21.70
15	64QAM	75	0	20.67	20.76	20.95	21.70
15	256QAM	1	0	19.86	20.05	19.93	20.70
15	256QAM	1	37	19.81	20.02	19.83	20.70
15	256QAM	1	74	19.70	19.97	19.79	20.70
15	256QAM	36	0	19.79	20.02	19.86	20.70
15	256QAM	36	20	19.70	19.92	19.69	20.70
15	256QAM	36	39	19.65	19.97	19.77	20.70
15	256QAM	75	0	19.54	19.79	19.66	20.70
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	20.96	20.94	20.92	21.70
10	QPSK	1	25	20.91	20.97	20.77	21.70
10	QPSK	1	49	20.93	20.87	20.82	21.70
10	QPSK	25	0	20.79	20.87	20.91	21.70
10	QPSK	25	12	20.67	20.73	20.67	21.70
10	QPSK	25	25	20.70	20.83	20.74	21.70
10	QPSK	50	0	20.57	20.73	20.57	21.70
10	16QAM	1	0	20.65	20.78	20.70	21.70
10	16QAM	1	25	20.65	20.71	20.70	21.70

10	16QAM	1	49	20.69	20.52	20.70	21.70
10	16QAM	25	0	20.72	20.84	20.81	21.70
10	16QAM	25	12	20.80	20.85	20.94	21.70
10	16QAM	25	25	20.77	20.79	20.82	21.70
10	16QAM	50	0	20.67	21.02	20.85	21.70
10	64QAM	1	0	20.69	20.69	20.89	21.70
10	64QAM	1	25	20.81	20.62	20.75	21.70
10	64QAM	1	49	20.82	20.90	20.83	21.70
10	64QAM	25	0	20.78	20.91	20.83	21.70
10	64QAM	25	12	20.77	20.81	20.81	21.70
10	64QAM	25	25	20.74	20.94	20.85	21.70
10	64QAM	50	0	20.76	20.77	20.94	21.70
10	256QAM	1	0	19.85	20.03	19.93	20.70
10	256QAM	1	25	19.78	20.07	19.83	20.70
10	256QAM	1	49	19.77	19.94	19.72	20.70
10	256QAM	25	0	19.71	20.00	19.91	20.70
10	256QAM	25	12	19.73	19.98	19.77	20.70
10	256QAM	25	25	19.70	19.91	19.74	20.70
10	256QAM	50	0	19.63	19.89	19.67	20.70
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	20.88	20.98	21.00	21.70
5	QPSK	1	12	20.82	20.84	20.87	21.70
5	QPSK	1	24	20.86	20.80	20.73	21.70
5	QPSK	12	0	20.81	20.87	20.86	21.70
5	QPSK	12	7	20.64	20.77	20.62	21.70
5	QPSK	12	13	20.80	20.85	20.69	21.70
5	QPSK	25	0	20.54	20.78	20.57	21.70
5	16QAM	1	0	20.70	20.77	20.81	21.70
5	16QAM	1	12	20.58	20.75	20.79	21.70
5	16QAM	1	24	20.66	20.64	20.64	21.70
5	16QAM	12	0	20.70	20.83	20.72	21.70
5	16QAM	12	7	20.76	20.76	20.99	21.70
5	16QAM	12	13	20.75	20.77	20.73	21.70
5	16QAM	25	0	20.64	20.94	20.88	21.70
5	64QAM	1	0	20.67	20.69	20.78	21.70
5	64QAM	1	12	20.71	20.74	20.80	21.70
5	64QAM	1	24	20.87	20.94	20.94	21.70
5	64QAM	12	0	20.84	20.82	20.76	21.70
5	64QAM	12	7	20.69	20.81	20.75	21.70
5	64QAM	12	13	20.83	20.96	20.89	21.70
5	64QAM	25	0	20.69	20.76	20.84	21.70
5	256QAM	1	0	19.84	20.04	19.83	20.70
5	256QAM	1	12	19.79	20.03	19.87	20.70
5	256QAM	1	24	19.68	19.99	19.71	20.70
5	256QAM	12	0	19.81	19.98	19.83	20.70
5	256QAM	12	7	19.69	20.00	19.70	20.70
5	256QAM	12	13	19.65	19.98	19.77	20.70
5	256QAM	25	0	19.63	19.89	19.59	20.70
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	20.97	21.04	21.01	21.70
3	QPSK	1	8	20.86	20.91	20.84	21.70
3	QPSK	1	14	20.84	20.82	20.76	21.70
3	QPSK	8	0	20.78	20.86	20.89	21.70
3	QPSK	8	4	20.60	20.72	20.63	21.70
3	QPSK	8	7	20.79	20.75	20.71	21.70
3	QPSK	15	0	20.57	20.69	20.55	21.70
3	16QAM	1	0	20.75	20.77	20.74	21.70
3	16QAM	1	8	20.68	20.77	20.76	21.70
3	16QAM	1	14	20.62	20.59	20.65	21.70
3	16QAM	8	0	20.82	20.81	20.75	21.70
3	16QAM	8	4	20.81	20.81	21.01	21.70
3	16QAM	8	7	20.75	20.83	20.84	21.70
3	16QAM	15	0	20.69	20.89	20.88	21.70
3	64QAM	1	0	20.68	20.80	20.83	21.70
3	64QAM	1	8	20.72	20.71	20.84	21.70
3	64QAM	1	14	20.85	20.93	20.89	21.70
3	64QAM	8	0	20.86	20.89	20.79	21.70
3	64QAM	8	4	20.70	20.87	20.71	21.70
3	64QAM	8	7	20.75	20.94	20.90	21.70
3	64QAM	15	0	20.71	20.81	20.91	21.70
3	256QAM	1	0	19.78	20.02	19.90	20.70
3	256QAM	1	8	19.80	20.06	19.87	20.70
3	256QAM	1	14	19.65	19.96	19.78	20.70
3	256QAM	8	0	19.73	20.02	19.89	20.70
3	256QAM	8	4	19.67	20.06	19.82	20.70
3	256QAM	8	7	19.67	19.88	19.74	20.70

3	256QAM	15	0	19.61	19.79	19.70	20.70
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	20.91	21.04	20.93	21.70
1.4	QPSK	1	3	20.89	20.97	20.74	21.70
1.4	QPSK	1	5	20.96	20.88	20.87	21.70
1.4	QPSK	3	0	20.77	20.89	20.84	21.70
1.4	QPSK	3	1	20.65	20.76	20.61	21.70
1.4	QPSK	3	3	20.72	20.82	20.73	21.70
1.4	QPSK	6	0	20.58	20.78	20.56	21.70
1.4	16QAM	1	0	20.69	20.78	20.79	21.70
1.4	16QAM	1	3	20.64	20.69	20.70	21.70
1.4	16QAM	1	5	20.67	20.54	20.67	21.70
1.4	16QAM	3	0	20.78	20.84	20.82	21.70
1.4	16QAM	3	1	20.81	20.84	20.95	21.70
1.4	16QAM	3	3	20.79	20.79	20.84	21.70
1.4	16QAM	6	0	20.73	20.92	20.93	21.70
1.4	64QAM	1	0	20.75	20.77	20.89	21.70
1.4	64QAM	1	3	20.80	20.68	20.86	21.70
1.4	64QAM	1	5	20.84	20.97	20.89	21.70
1.4	64QAM	3	0	20.84	20.84	20.85	21.70
1.4	64QAM	3	1	20.78	20.85	20.77	21.70
1.4	64QAM	3	3	20.85	20.92	20.89	21.70
1.4	64QAM	6	0	20.78	20.71	20.93	21.70
1.4	256QAM	1	0	19.80	20.08	19.94	20.70
1.4	256QAM	1	3	19.83	20.00	19.81	20.70
1.4	256QAM	1	5	19.74	19.87	19.78	20.70
1.4	256QAM	3	0	19.72	20.05	19.89	20.70
1.4	256QAM	3	1	19.69	20.02	19.78	20.70
1.4	256QAM	3	3	19.69	19.95	19.77	20.70
1.4	256QAM	6	0	19.55	19.87	19.60	20.70

【LTE Band 4_Ant 4_DS14】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	24.45	24.53	24.43	25.20
20	QPSK	1	49	24.48	24.50	24.35	25.20
20	QPSK	1	99	24.40	24.41	24.40	25.20
20	QPSK	50	0	23.86	24.17	23.97	24.70
20	QPSK	50	24	23.78	24.12	23.98	24.70
20	QPSK	50	50	23.71	24.06	23.88	24.70
20	QPSK	100	0	23.90	24.14	24.01	24.70
20	16QAM	1	0	24.00	24.35	24.22	24.70
20	16QAM	1	49	23.96	24.23	24.00	24.70
20	16QAM	1	99	23.88	24.24	24.06	24.70
20	16QAM	50	0	22.86	23.15	23.00	23.70
20	16QAM	50	24	22.68	23.03	22.80	23.70
20	16QAM	50	50	22.73	23.07	22.90	23.70
20	16QAM	100	0	22.80	23.07	22.91	23.70
20	64QAM	1	0	22.84	23.18	22.99	23.70
20	64QAM	1	49	22.82	23.07	22.90	23.70
20	64QAM	1	99	22.66	23.03	22.87	23.70
20	64QAM	50	0	21.83	22.06	21.93	22.70
20	64QAM	50	24	21.57	21.92	21.79	22.70
20	64QAM	50	50	21.68	21.93	21.76	22.70
20	64QAM	100	0	21.76	22.06	21.86	22.70
20	256QAM	1	0	19.89	20.16	19.96	20.70
20	256QAM	1	49	19.87	20.09	19.94	20.70
20	256QAM	1	99	19.80	20.01	19.85	20.70
20	256QAM	50	0	19.86	20.11	19.95	20.70
20	256QAM	50	24	19.79	20.07	19.84	20.70
20	256QAM	50	50	19.79	20.01	19.84	20.70
20	256QAM	100	0	19.67	19.93	19.74	20.70
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	24.43	24.47	24.38	25.20
15	QPSK	1	37	24.38	24.39	24.23	25.20
15	QPSK	1	74	24.30	24.31	24.33	25.20
15	QPSK	36	0	23.85	24.10	23.93	24.70
15	QPSK	36	20	23.74	24.00	23.92	24.70

15	QPSK	36	39	23.58	23.92	23.80	24.70
15	QPSK	75	0	23.88	24.06	23.99	24.70
15	16QAM	1	0	23.88	24.33	24.18	24.70
15	16QAM	1	37	23.81	24.22	23.91	24.70
15	16QAM	1	74	23.87	24.13	23.93	24.70
15	16QAM	36	0	22.84	23.09	22.88	23.70
15	16QAM	36	20	22.67	22.93	22.71	23.70
15	16QAM	36	39	22.71	22.93	22.83	23.70
15	16QAM	75	0	22.68	22.99	22.84	23.70
15	64QAM	1	0	22.82	23.13	22.89	23.70
15	64QAM	1	37	22.78	22.98	22.87	23.70
15	64QAM	1	74	22.60	22.90	22.76	23.70
15	64QAM	36	0	21.77	22.01	21.87	22.70
15	64QAM	36	20	21.54	21.83	21.78	22.70
15	64QAM	36	39	21.61	21.82	21.62	22.70
15	64QAM	75	0	21.73	22.00	21.78	22.70
15	256QAM	1	0	19.77	20.14	19.86	20.70
15	256QAM	1	37	19.81	20.02	19.89	20.70
15	256QAM	1	74	19.71	19.87	19.72	20.70
15	256QAM	36	0	19.76	19.96	19.91	20.70
15	256QAM	36	20	19.68	20.00	19.77	20.70
15	256QAM	36	39	19.69	19.93	19.76	20.70
15	256QAM	75	0	19.64	19.80	19.70	20.70
Channel				20000	20175	20350	Tune-up limit
Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	24.43	24.39	24.37	25.20
10	QPSK	1	25	24.36	24.49	24.26	25.20
10	QPSK	1	49	24.38	24.38	24.27	25.20
10	QPSK	25	0	23.80	24.09	23.86	24.70
10	QPSK	25	12	23.75	24.01	23.87	24.70
10	QPSK	25	25	23.62	23.98	23.78	24.70
10	QPSK	50	0	23.82	24.04	23.92	24.70
10	16QAM	1	0	23.92	24.32	24.18	24.70
10	16QAM	1	25	23.90	24.17	23.94	24.70
10	16QAM	1	49	23.81	24.17	23.96	24.70
10	16QAM	25	0	22.78	23.05	22.91	23.70
10	16QAM	25	12	22.64	22.99	22.69	23.70
10	16QAM	25	25	22.71	23.04	22.81	23.70
10	16QAM	50	0	22.72	23.04	22.81	23.70
10	64QAM	1	0	22.71	23.11	22.88	23.70
10	64QAM	1	25	22.74	22.93	22.79	23.70
10	64QAM	1	49	22.63	22.92	22.76	23.70
10	64QAM	25	0	21.78	21.94	21.91	22.70
10	64QAM	25	12	21.49	21.82	21.77	22.70
10	64QAM	25	25	21.55	21.84	21.66	22.70
10	64QAM	50	0	21.69	21.99	21.77	22.70
10	256QAM	1	0	19.79	20.10	19.92	20.70
10	256QAM	1	25	19.85	20.03	19.85	20.70
10	256QAM	1	49	19.67	19.95	19.78	20.70
10	256QAM	25	0	19.76	19.98	19.88	20.70
10	256QAM	25	12	19.74	20.05	19.83	20.70
10	256QAM	25	25	19.69	19.94	19.75	20.70
10	256QAM	50	0	19.65	19.78	19.71	20.70
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	24.42	24.40	24.36	25.20
5	QPSK	1	12	24.46	24.40	24.23	25.20
5	QPSK	1	24	24.32	24.37	24.28	25.20
5	QPSK	12	0	23.74	24.08	23.83	24.70
5	QPSK	12	7	23.64	24.09	23.89	24.70
5	QPSK	12	13	23.67	23.95	23.74	24.70
5	QPSK	25	0	23.77	24.10	23.91	24.70
5	16QAM	1	0	23.98	24.24	24.09	24.70
5	16QAM	1	12	23.86	24.17	23.91	24.70
5	16QAM	1	24	23.81	24.12	23.96	24.70
5	16QAM	12	0	22.77	23.07	22.87	23.70
5	16QAM	12	7	22.61	22.95	22.65	23.70
5	16QAM	12	13	22.64	23.02	22.88	23.70
5	16QAM	25	0	22.71	23.02	22.83	23.70
5	64QAM	1	0	22.77	23.05	22.85	23.70
5	64QAM	1	12	22.73	22.94	22.77	23.70
5	64QAM	1	24	22.63	22.91	22.78	23.70
5	64QAM	12	0	21.81	21.95	21.90	22.70
5	64QAM	12	7	21.43	21.83	21.67	22.70
5	64QAM	12	13	21.61	21.89	21.68	22.70
5	64QAM	25	0	21.68	21.94	21.80	22.70
5	256QAM	1	0	19.84	20.11	19.95	20.70
5	256QAM	1	12	19.84	20.05	19.90	20.70

5	256QAM	1	24	19.66	19.92	19.84	20.70
5	256QAM	12	0	19.78	20.08	19.87	20.70
5	256QAM	12	7	19.65	19.96	19.82	20.70
5	256QAM	12	13	19.70	19.89	19.75	20.70
5	256QAM	25	0	19.61	19.82	19.59	20.70
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	24.43	24.40	24.32	25.20
3	QPSK	1	8	24.45	24.43	24.22	25.20
3	QPSK	1	14	24.26	24.35	24.31	25.20
3	QPSK	8	0	23.72	24.04	23.92	24.70
3	QPSK	8	4	23.76	24.09	23.96	24.70
3	QPSK	8	7	23.59	24.02	23.75	24.70
3	QPSK	15	0	23.78	24.13	23.90	24.70
3	16QAM	1	0	23.98	24.34	24.07	24.70
3	16QAM	1	8	23.82	24.19	23.93	24.70
3	16QAM	1	14	23.83	24.19	24.04	24.70
3	16QAM	8	0	22.80	23.00	22.98	23.70
3	16QAM	8	4	22.53	22.99	22.69	23.70
3	16QAM	8	7	22.68	23.00	22.80	23.70
3	16QAM	15	0	22.72	22.93	22.77	23.70
3	64QAM	1	0	22.70	23.16	22.90	23.70
3	64QAM	1	8	22.75	23.00	22.88	23.70
3	64QAM	1	14	22.62	22.88	22.73	23.70
3	64QAM	8	0	21.79	22.00	21.89	22.70
3	64QAM	8	4	21.48	21.84	21.71	22.70
3	64QAM	8	7	21.58	21.89	21.66	22.70
3	64QAM	15	0	21.72	21.91	21.73	22.70
3	256QAM	1	0	19.80	20.07	19.89	20.70
3	256QAM	1	8	19.85	19.96	19.80	20.70
3	256QAM	1	14	19.75	19.99	19.79	20.70
3	256QAM	8	0	19.83	20.04	19.80	20.70
3	256QAM	8	4	19.73	20.05	19.83	20.70
3	256QAM	8	7	19.71	19.88	19.78	20.70
3	256QAM	15	0	19.53	19.82	19.72	20.70
Channel				19957	20175	20393	Tune-up limit
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	24.43	24.43	24.40	25.20
1.4	QPSK	1	3	24.43	24.49	24.31	25.20
1.4	QPSK	1	5	24.37	24.31	24.28	25.20
1.4	QPSK	3	0	24.21	24.65	24.46	25.20
1.4	QPSK	3	1	24.22	24.48	24.33	25.20
1.4	QPSK	3	3	24.19	24.52	24.29	25.20
1.4	QPSK	6	0	23.84	24.02	23.98	24.70
1.4	16QAM	1	0	23.92	24.26	24.08	24.70
1.4	16QAM	1	3	23.91	24.18	23.94	24.70
1.4	16QAM	1	5	23.76	24.20	24.01	24.70
1.4	16QAM	3	0	23.76	24.03	23.95	24.70
1.4	16QAM	3	1	23.57	23.95	23.71	24.70
1.4	16QAM	3	3	23.66	24.03	23.85	24.70
1.4	16QAM	6	0	22.71	22.93	22.86	23.70
1.4	64QAM	1	0	22.80	23.05	22.89	23.70
1.4	64QAM	1	3	22.78	22.94	22.87	23.70
1.4	64QAM	1	5	22.61	22.93	22.72	23.70
1.4	64QAM	3	0	22.77	22.93	22.86	23.70
1.4	64QAM	3	1	22.45	22.80	22.67	23.70
1.4	64QAM	3	3	22.56	22.85	22.69	23.70
1.4	64QAM	6	0	21.64	22.03	21.79	22.70
1.4	256QAM	1	0	19.87	20.12	19.83	20.70
1.4	256QAM	1	3	19.76	19.98	19.80	20.70
1.4	256QAM	1	5	19.68	19.98	19.73	20.70
1.4	256QAM	3	0	19.80	19.99	19.82	20.70
1.4	256QAM	3	1	19.66	19.96	19.81	20.70
1.4	256QAM	3	3	19.74	19.88	19.79	20.70
1.4	256QAM	6	0	19.58	19.87	19.66	20.70

【LTE Band 4_Ant 4_DSI5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	18.02	18.14	17.92	18.70
20	QPSK	1	49	17.86	18.00	17.90	18.70
20	QPSK	1	99	17.91	18.02	17.87	18.70
20	QPSK	50	0	17.96	18.03	17.84	18.70
20	QPSK	50	24	17.84	17.81	17.76	18.70
20	QPSK	50	50	17.75	17.81	17.75	18.70
20	QPSK	100	0	17.63	17.83	17.57	18.70
20	16QAM	1	0	17.73	17.89	17.84	18.70
20	16QAM	1	49	17.76	17.71	17.91	18.70
20	16QAM	1	99	17.69	17.82	17.74	18.70
20	16QAM	50	0	17.94	17.77	17.86	18.70
20	16QAM	50	24	17.93	17.91	17.90	18.70
20	16QAM	50	50	17.83	17.81	17.88	18.70
20	16QAM	100	0	17.84	17.99	17.95	18.70
20	64QAM	1	0	17.82	17.92	17.95	18.70
20	64QAM	1	49	17.87	17.83	17.96	18.70
20	64QAM	1	99	17.86	18.03	17.97	18.70
20	64QAM	50	0	17.96	17.92	17.83	18.70
20	64QAM	50	24	17.77	17.92	17.76	18.70
20	64QAM	50	50	17.81	17.90	17.90	18.70
20	64QAM	100	0	17.93	17.84	17.98	18.70
20	256QAM	1	0	17.87	18.02	17.88	18.70
20	256QAM	1	49	17.69	18.01	17.91	18.70
20	256QAM	1	99	17.90	17.93	17.92	18.70
20	256QAM	50	0	17.91	18.00	17.81	18.70
20	256QAM	50	24	17.76	17.88	17.87	18.70
20	256QAM	50	50	17.90	17.90	17.89	18.70
20	256QAM	100	0	17.79	17.98	17.95	18.70
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	18.00	18.04	17.78	18.70
15	QPSK	1	37	17.75	17.97	17.76	18.70
15	QPSK	1	74	17.85	17.99	17.72	18.70
15	QPSK	36	0	17.85	18.00	17.78	18.70
15	QPSK	36	20	17.80	17.80	17.67	18.70
15	QPSK	36	39	17.69	17.68	17.62	18.70
15	QPSK	75	0	17.55	17.82	17.48	18.70
15	16QAM	1	0	17.70	17.76	17.81	18.70
15	16QAM	1	37	17.66	17.61	17.79	18.70
15	16QAM	1	74	17.60	17.68	17.60	18.70
15	16QAM	36	0	17.90	17.72	17.78	18.70
15	16QAM	36	20	17.91	17.90	17.89	18.70
15	16QAM	36	39	17.82	17.67	17.77	18.70
15	16QAM	75	0	17.71	17.85	17.81	18.70
15	64QAM	1	0	17.69	17.84	17.88	18.70
15	64QAM	1	37	17.81	17.81	17.92	18.70
15	64QAM	1	74	17.82	17.93	17.88	18.70
15	64QAM	36	0	17.90	17.89	17.73	18.70
15	64QAM	36	20	17.74	17.82	17.64	18.70
15	64QAM	36	39	17.69	17.82	17.80	18.70
15	64QAM	75	0	17.83	17.80	17.96	18.70
15	256QAM	1	0	17.78	17.93	17.74	18.70
15	256QAM	1	37	17.61	17.97	17.88	18.70
15	256QAM	1	74	17.89	17.84	17.81	18.70
15	256QAM	36	0	17.79	17.85	17.67	18.70
15	256QAM	36	20	17.67	17.81	17.78	18.70
15	256QAM	36	39	17.81	17.88	17.78	18.70
15	256QAM	75	0	17.78	17.91	17.82	18.70
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	17.98	18.13	17.82	18.70
10	QPSK	1	25	17.71	17.89	17.87	18.70
10	QPSK	1	49	17.89	17.96	17.83	18.70
10	QPSK	25	0	17.91	17.97	17.78	18.70
10	QPSK	25	12	17.75	17.76	17.61	18.70
10	QPSK	25	25	17.63	17.74	17.66	18.70
10	QPSK	50	0	17.54	17.74	17.53	18.70
10	16QAM	1	0	17.60	17.86	17.80	18.70
10	16QAM	1	25	17.67	17.62	17.89	18.70

10	16QAM	1	49	17.60	17.78	17.66	18.70
10	16QAM	25	0	17.85	17.63	17.79	18.70
10	16QAM	25	12	17.85	17.80	17.83	18.70
10	16QAM	25	25	17.71	17.76	17.84	18.70
10	16QAM	50	0	17.74	17.97	17.89	18.70
10	64QAM	1	0	17.76	17.80	17.93	18.70
10	64QAM	1	25	17.73	17.74	17.88	18.70
10	64QAM	1	49	17.73	17.91	17.95	18.70
10	64QAM	25	0	17.93	17.83	17.82	18.70
10	64QAM	25	12	17.69	17.85	17.62	18.70
10	64QAM	25	25	17.80	17.82	17.80	18.70
10	64QAM	50	0	17.86	17.75	17.86	18.70
10	256QAM	1	0	17.72	17.89	17.78	18.70
10	256QAM	1	25	17.66	17.93	17.82	18.70
10	256QAM	1	49	17.81	17.85	17.79	18.70
10	256QAM	25	0	17.78	17.93	17.66	18.70
10	256QAM	25	12	17.67	17.73	17.80	18.70
10	256QAM	25	25	17.78	17.85	17.78	18.70
10	256QAM	50	0	17.70	17.87	17.86	18.70
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	17.89	18.06	17.91	18.70
5	QPSK	1	12	17.79	17.91	17.87	18.70
5	QPSK	1	24	17.86	17.95	17.82	18.70
5	QPSK	12	0	17.89	18.00	17.70	18.70
5	QPSK	12	7	17.72	17.79	17.69	18.70
5	QPSK	12	13	17.65	17.73	17.66	18.70
5	QPSK	25	0	17.55	17.69	17.43	18.70
5	16QAM	1	0	17.67	17.88	17.71	18.70
5	16QAM	1	12	17.63	17.66	17.86	18.70
5	16QAM	1	24	17.60	17.72	17.66	18.70
5	16QAM	12	0	17.91	17.69	17.81	18.70
5	16QAM	12	7	17.85	17.78	17.86	18.70
5	16QAM	12	13	17.69	17.73	17.82	18.70
5	16QAM	25	0	17.71	17.91	17.92	18.70
5	64QAM	1	0	17.77	17.82	17.83	18.70
5	64QAM	1	12	17.85	17.72	17.92	18.70
5	64QAM	1	24	17.84	17.92	17.86	18.70
5	64QAM	12	0	17.82	17.86	17.79	18.70
5	64QAM	12	7	17.68	17.90	17.68	18.70
5	64QAM	12	13	17.72	17.87	17.76	18.70
5	64QAM	25	0	17.91	17.79	17.88	18.70
5	256QAM	1	0	17.76	17.91	17.75	18.70
5	256QAM	1	12	17.54	17.94	17.82	18.70
5	256QAM	1	24	17.78	17.90	17.81	18.70
5	256QAM	12	0	17.84	17.86	17.80	18.70
5	256QAM	12	7	17.65	17.78	17.80	18.70
5	256QAM	12	13	17.77	17.79	17.83	18.70
5	256QAM	25	0	17.68	17.92	17.93	18.70
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	17.94	18.11	17.88	18.70
3	QPSK	1	8	17.83	17.92	17.81	18.70
3	QPSK	1	14	17.77	17.99	17.76	18.70
3	QPSK	8	0	17.87	17.91	17.73	18.70
3	QPSK	8	4	17.83	17.73	17.67	18.70
3	QPSK	8	7	17.68	17.66	17.65	18.70
3	QPSK	15	0	17.59	17.74	17.54	18.70
3	16QAM	1	0	17.62	17.84	17.83	18.70
3	16QAM	1	8	17.72	17.63	17.89	18.70
3	16QAM	1	14	17.62	17.76	17.63	18.70
3	16QAM	8	0	17.86	17.75	17.72	18.70
3	16QAM	8	4	17.81	17.81	17.80	18.70
3	16QAM	8	7	17.74	17.74	17.79	18.70
3	16QAM	15	0	17.76	17.87	17.82	18.70
3	64QAM	1	0	17.68	17.86	17.92	18.70
3	64QAM	1	8	17.75	17.75	17.93	18.70
3	64QAM	1	14	17.81	17.89	17.94	18.70
3	64QAM	8	0	17.85	17.81	17.72	18.70
3	64QAM	8	4	17.76	17.84	17.74	18.70
3	64QAM	8	7	17.74	17.85	17.78	18.70
3	64QAM	15	0	17.85	17.75	17.93	18.70
3	256QAM	1	0	17.80	17.91	17.82	18.70
3	256QAM	1	8	17.54	17.92	17.77	18.70
3	256QAM	1	14	17.89	17.80	17.78	18.70
3	256QAM	8	0	17.80	17.91	17.71	18.70
3	256QAM	8	4	17.63	17.76	17.76	18.70
3	256QAM	8	7	17.83	17.85	17.77	18.70

3	256QAM	15	0	17.78	17.87	17.87	18.70
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	18.00	18.03	17.84	18.70
1.4	QPSK	1	3	17.75	17.97	17.80	18.70
1.4	QPSK	1	5	17.81	17.88	17.77	18.70
1.4	QPSK	3	0	17.81	18.02	17.82	18.70
1.4	QPSK	3	1	17.83	17.66	17.74	18.70
1.4	QPSK	3	3	17.65	17.67	17.70	18.70
1.4	QPSK	6	0	17.48	17.71	17.51	18.70
1.4	16QAM	1	0	17.70	17.79	17.69	18.70
1.4	16QAM	1	3	17.69	17.66	17.79	18.70
1.4	16QAM	1	5	17.56	17.78	17.69	18.70
1.4	16QAM	3	0	17.87	17.72	17.84	18.70
1.4	16QAM	3	1	17.85	17.80	17.83	18.70
1.4	16QAM	3	3	17.71	17.70	17.78	18.70
1.4	16QAM	6	0	17.74	17.88	17.93	18.70
1.4	64QAM	1	0	17.69	17.82	17.81	18.70
1.4	64QAM	1	3	17.79	17.76	17.92	18.70
1.4	64QAM	1	5	17.78	17.93	17.93	18.70
1.4	64QAM	3	0	17.87	17.87	17.69	18.70
1.4	64QAM	3	1	17.64	17.88	17.70	18.70
1.4	64QAM	3	3	17.73	17.81	17.78	18.70
1.4	64QAM	6	0	17.85	17.78	17.93	18.70
1.4	256QAM	1	0	17.76	17.95	17.87	18.70
1.4	256QAM	1	3	17.67	17.98	17.84	18.70
1.4	256QAM	1	5	17.83	17.78	17.84	18.70
1.4	256QAM	3	0	17.82	17.85	17.78	18.70
1.4	256QAM	3	1	17.67	17.80	17.84	18.70
1.4	256QAM	3	3	17.86	17.81	17.78	18.70
1.4	256QAM	6	0	17.76	17.96	17.83	18.70

【LTE Band 4_Ant 5_Default】

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	25.16	25.27	25.12	25.70
20	QPSK	1	49	24.96	25.19	24.95	25.70
20	QPSK	1	99	24.97	25.14	24.93	25.70
20	QPSK	50	0	24.09	24.24	24.02	24.70
20	QPSK	50	24	23.96	24.18	23.96	24.70
20	QPSK	50	50	24.07	24.20	23.94	24.70
20	QPSK	100	0	24.05	24.25	23.99	24.70
20	16QAM	1	0	24.18	24.36	24.13	24.70
20	16QAM	1	49	24.13	24.28	24.03	24.70
20	16QAM	1	99	24.20	24.32	24.10	24.70
20	16QAM	50	0	23.03	23.25	23.04	23.70
20	16QAM	50	24	22.99	23.19	23.02	23.70
20	16QAM	50	50	22.98	23.14	22.93	23.70
20	16QAM	100	0	23.11	23.27	23.06	23.70
20	64QAM	1	0	23.00	23.21	23.04	23.70
20	64QAM	1	49	22.87	23.11	22.82	23.70
20	64QAM	1	99	23.01	23.15	22.95	23.70
20	64QAM	50	0	22.11	22.24	22.07	22.70
20	64QAM	50	24	21.99	22.13	21.95	22.70
20	64QAM	50	50	21.94	22.11	21.97	22.70
20	64QAM	100	0	22.21	22.33	22.10	22.70
20	256QAM	1	0	19.96	20.19	20.03	20.70
20	256QAM	1	49	19.95	20.05	19.84	20.70
20	256QAM	1	99	19.89	20.10	19.89	20.70
20	256QAM	50	0	20.08	20.23	19.96	20.70
20	256QAM	50	24	20.03	20.16	20.03	20.70
20	256QAM	50	50	19.90	20.13	19.95	20.70
20	256QAM	100	0	20.19	20.32	20.09	20.70
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	25.02	25.13	25.08	25.70
15	QPSK	1	37	24.91	25.09	24.86	25.70
15	QPSK	1	74	24.92	25.00	24.81	25.70
15	QPSK	36	0	24.07	24.15	23.88	24.70
15	QPSK	36	20	23.81	24.08	23.91	24.70

15	QPSK	36	39	23.92	24.16	23.90	24.70
15	QPSK	75	0	24.03	24.10	23.95	24.70
15	16QAM	1	0	24.06	24.27	24.03	24.70
15	16QAM	1	37	24.08	24.24	23.95	24.70
15	16QAM	1	74	24.08	24.27	23.96	24.70
15	16QAM	36	0	23.00	23.22	23.02	23.70
15	16QAM	36	20	22.97	23.06	22.92	23.70
15	16QAM	36	39	22.92	23.08	22.82	23.70
15	16QAM	75	0	23.04	23.24	23.04	23.70
15	64QAM	1	0	22.90	23.18	23.00	23.70
15	64QAM	1	37	22.84	23.10	22.75	23.70
15	64QAM	1	74	22.96	23.09	22.93	23.70
15	64QAM	36	0	22.04	22.22	22.02	22.70
15	64QAM	36	20	21.95	22.09	21.84	22.70
15	64QAM	36	39	21.89	22.07	21.90	22.70
15	64QAM	75	0	22.10	22.26	22.05	22.70
15	256QAM	1	0	19.91	20.11	19.88	20.70
15	256QAM	1	37	19.87	20.03	19.81	20.70
15	256QAM	1	74	19.78	20.07	19.82	20.70
15	256QAM	36	0	20.00	20.13	19.90	20.70
15	256QAM	36	20	20.00	20.10	19.96	20.70
15	256QAM	36	39	19.85	20.08	19.83	20.70
15	256QAM	75	0	20.08	20.22	20.05	20.70
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	25.05	25.25	25.10	25.70
10	QPSK	1	25	24.85	25.12	24.86	25.70
10	QPSK	1	49	24.94	25.04	24.78	25.70
10	QPSK	25	0	24.06	24.15	23.98	24.70
10	QPSK	25	12	23.81	24.17	23.88	24.70
10	QPSK	25	25	23.96	24.08	23.87	24.70
10	QPSK	50	0	23.90	24.12	23.97	24.70
10	16QAM	1	0	24.14	24.33	24.06	24.70
10	16QAM	1	25	24.09	24.25	23.91	24.70
10	16QAM	1	49	24.17	24.19	24.05	24.70
10	16QAM	25	0	22.93	23.21	22.90	23.70
10	16QAM	25	12	22.84	23.05	22.97	23.70
10	16QAM	25	25	22.91	23.05	22.80	23.70
10	16QAM	50	0	23.02	23.17	22.94	23.70
10	64QAM	1	0	22.96	23.07	22.90	23.70
10	64QAM	1	25	22.78	23.04	22.70	23.70
10	64QAM	1	49	22.92	23.09	22.88	23.70
10	64QAM	25	0	22.09	22.22	22.03	22.70
10	64QAM	25	12	21.90	22.01	21.87	22.70
10	64QAM	25	25	21.82	21.98	21.95	22.70
10	64QAM	50	0	22.08	22.20	22.01	22.70
10	256QAM	1	0	19.83	20.11	19.95	20.70
10	256QAM	1	25	19.83	19.90	19.76	20.70
10	256QAM	1	49	19.86	19.99	19.81	20.70
10	256QAM	25	0	19.95	20.15	19.88	20.70
10	256QAM	25	12	19.94	20.14	19.97	20.70
10	256QAM	25	25	19.80	20.03	19.84	20.70
10	256QAM	50	0	20.06	20.24	20.06	20.70
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	25.11	25.19	24.98	25.70
5	QPSK	1	12	24.84	25.11	24.85	25.70
5	QPSK	1	24	24.85	25.08	24.82	25.70
5	QPSK	12	0	23.94	24.18	23.93	24.70
5	QPSK	12	7	23.92	24.05	23.91	24.70
5	QPSK	12	13	23.99	24.09	23.84	24.70
5	QPSK	25	0	23.98	24.11	23.87	24.70
5	16QAM	1	0	24.06	24.21	24.06	24.70
5	16QAM	1	12	24.10	24.15	23.92	24.70
5	16QAM	1	24	24.09	24.25	24.07	24.70
5	16QAM	12	0	22.88	23.13	23.02	23.70
5	16QAM	12	7	22.98	23.18	23.00	23.70
5	16QAM	12	13	22.84	23.07	22.82	23.70
5	16QAM	25	0	23.08	23.22	23.01	23.70
5	64QAM	1	0	22.89	23.10	22.94	23.70
5	64QAM	1	12	22.80	23.01	22.81	23.70
5	64QAM	1	24	22.93	23.05	22.80	23.70
5	64QAM	12	0	22.07	22.13	22.06	22.70
5	64QAM	12	7	21.97	22.11	21.84	22.70
5	64QAM	12	13	21.80	22.06	21.95	22.70
5	64QAM	25	0	22.07	22.29	21.98	22.70
5	256QAM	1	0	19.84	20.05	19.97	20.70
5	256QAM	1	12	19.87	19.93	19.72	20.70

5	256QAM	1	24	19.80	20.01	19.76	20.70
5	256QAM	12	0	20.02	20.13	19.81	20.70
5	256QAM	12	7	20.00	20.13	19.94	20.70
5	256QAM	12	13	19.81	20.06	19.89	20.70
5	256QAM	25	0	20.09	20.25	19.97	20.70
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	25.09	25.21	25.01	25.70
3	QPSK	1	8	24.85	25.08	24.80	25.70
3	QPSK	1	14	24.86	25.01	24.80	25.70
3	QPSK	8	0	23.95	24.13	23.98	24.70
3	QPSK	8	4	23.89	24.08	23.91	24.70
3	QPSK	8	7	23.98	24.16	23.87	24.70
3	QPSK	15	0	23.93	24.22	23.96	24.70
3	16QAM	1	0	24.06	24.22	24.08	24.70
3	16QAM	1	8	24.03	24.25	24.01	24.70
3	16QAM	1	14	24.10	24.17	23.98	24.70
3	16QAM	8	0	22.98	23.11	22.95	23.70
3	16QAM	8	4	22.90	23.16	22.93	23.70
3	16QAM	8	7	22.91	23.09	22.80	23.70
3	16QAM	15	0	22.97	23.25	22.96	23.70
3	64QAM	1	0	22.97	23.06	22.97	23.70
3	64QAM	1	8	22.77	23.04	22.78	23.70
3	64QAM	1	14	22.88	23.08	22.89	23.70
3	64QAM	8	0	22.01	22.21	21.96	22.70
3	64QAM	8	4	21.95	22.05	21.86	22.70
3	64QAM	8	7	21.90	22.06	21.94	22.70
3	64QAM	15	0	22.11	22.28	22.00	22.70
3	256QAM	1	0	19.85	20.16	20.01	20.70
3	256QAM	1	8	19.87	20.04	19.77	20.70
3	256QAM	1	14	19.86	20.05	19.74	20.70
3	256QAM	8	0	20.05	20.15	19.86	20.70
3	256QAM	8	4	19.96	20.01	19.90	20.70
3	256QAM	8	7	19.81	20.09	19.83	20.70
3	256QAM	15	0	20.10	20.17	19.98	20.70
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	25.03	25.17	25.07	25.70
1.4	QPSK	1	3	24.91	25.06	24.88	25.70
1.4	QPSK	1	5	24.94	25.05	24.88	25.70
1.4	QPSK	3	0	25.00	25.19	25.00	25.70
1.4	QPSK	3	1	24.82	25.05	24.85	25.70
1.4	QPSK	3	3	24.98	25.11	24.83	25.70
1.4	QPSK	6	0	23.93	24.20	23.87	24.70
1.4	16QAM	1	0	24.17	24.25	24.09	24.70
1.4	16QAM	1	3	24.06	24.27	23.93	24.70
1.4	16QAM	1	5	24.19	24.24	23.99	24.70
1.4	16QAM	3	0	23.91	24.21	23.89	24.70
1.4	16QAM	3	1	23.88	24.16	23.96	24.70
1.4	16QAM	3	3	23.86	24.06	23.88	24.70
1.4	16QAM	6	0	23.09	23.25	22.92	23.70
1.4	64QAM	1	0	22.99	23.12	23.02	23.70
1.4	64QAM	1	3	22.77	23.10	22.72	23.70
1.4	64QAM	1	5	22.97	23.06	22.80	23.70
1.4	64QAM	3	0	23.08	23.12	22.95	23.70
1.4	64QAM	3	1	22.88	23.03	22.87	23.70
1.4	64QAM	3	3	22.83	22.98	22.93	23.70
1.4	64QAM	6	0	22.11	22.32	22.05	22.70
1.4	256QAM	1	0	19.92	20.12	19.93	20.70
1.4	256QAM	1	3	19.92	19.99	19.73	20.70
1.4	256QAM	1	5	19.86	19.98	19.81	20.70
1.4	256QAM	3	0	20.06	20.16	19.84	20.70
1.4	256QAM	3	1	20.00	20.06	19.98	20.70
1.4	256QAM	3	3	19.80	20.04	19.84	20.70
1.4	256QAM	6	0	20.15	20.29	20.07	20.70

【LTE Band 4_Ant 5_DSI1】

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	17.04	17.16	17.00	17.70
20	QPSK	1	49	16.88	17.04	16.81	17.70
20	QPSK	1	99	16.95	16.90	16.81	17.70
20	QPSK	50	0	16.88	16.96	16.86	17.70
20	QPSK	50	24	16.78	16.87	16.82	17.70
20	QPSK	50	50	16.87	16.80	16.81	17.70
20	QPSK	100	0	16.63	16.80	16.70	17.70
20	16QAM	1	0	16.70	16.81	16.79	17.70
20	16QAM	1	49	16.83	16.83	16.77	17.70
20	16QAM	1	99	16.69	16.79	16.70	17.70
20	16QAM	50	0	16.94	16.83	16.77	17.70
20	16QAM	50	24	16.83	16.91	16.92	17.70
20	16QAM	50	50	16.88	16.93	16.83	17.70
20	16QAM	100	0	16.77	17.02	16.86	17.70
20	64QAM	1	0	16.78	16.85	16.88	17.70
20	64QAM	1	49	16.86	16.80	16.89	17.70
20	64QAM	1	99	16.87	16.96	16.94	17.70
20	64QAM	50	0	16.88	16.91	16.88	17.70
20	64QAM	50	24	16.80	16.86	16.87	17.70
20	64QAM	50	50	16.72	17.00	17.03	17.70
20	64QAM	100	0	16.91	16.95	16.99	17.70
20	256QAM	1	0	16.88	16.99	16.78	17.70
20	256QAM	1	49	16.76	17.09	16.79	17.70
20	256QAM	1	99	16.86	16.90	16.92	17.70
20	256QAM	50	0	16.83	16.92	16.87	17.70
20	256QAM	50	24	16.83	16.92	16.89	17.70
20	256QAM	50	50	16.78	16.96	16.97	17.70
20	256QAM	100	0	16.90	16.99	16.93	17.70
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	16.95	17.12	16.92	17.70
15	QPSK	1	37	16.86	16.96	16.73	17.70
15	QPSK	1	74	16.93	16.78	16.73	17.70
15	QPSK	36	0	16.84	16.87	16.72	17.70
15	QPSK	36	20	16.74	16.73	16.67	17.70
15	QPSK	36	39	16.82	16.68	16.75	17.70
15	QPSK	75	0	16.51	16.78	16.65	17.70
15	16QAM	1	0	16.58	16.80	16.73	17.70
15	16QAM	1	37	16.78	16.72	16.66	17.70
15	16QAM	1	74	16.59	16.67	16.62	17.70
15	16QAM	36	0	16.90	16.76	16.64	17.70
15	16QAM	36	20	16.81	16.85	16.89	17.70
15	16QAM	36	39	16.84	16.83	16.76	17.70
15	16QAM	75	0	16.63	16.89	16.73	17.70
15	64QAM	1	0	16.69	16.81	16.87	17.70
15	64QAM	1	37	16.71	16.66	16.80	17.70
15	64QAM	1	74	16.79	16.85	16.91	17.70
15	64QAM	36	0	16.80	16.76	16.74	17.70
15	64QAM	36	20	16.78	16.78	16.72	17.70
15	64QAM	36	39	16.71	16.87	16.91	17.70
15	64QAM	75	0	16.78	16.87	16.96	17.70
15	256QAM	1	0	16.80	16.93	16.76	17.70
15	256QAM	1	37	16.68	17.08	16.74	17.70
15	256QAM	1	74	16.78	16.82	16.91	17.70
15	256QAM	36	0	16.81	16.86	16.75	17.70
15	256QAM	36	20	16.82	16.87	16.86	17.70
15	256QAM	36	39	16.64	16.95	16.83	17.70
15	256QAM	75	0	16.88	16.85	16.91	17.70
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	16.94	17.06	16.86	17.70
10	QPSK	1	25	16.74	16.92	16.66	17.70
10	QPSK	1	49	16.82	16.84	16.68	17.70
10	QPSK	25	0	16.75	16.85	16.72	17.70
10	QPSK	25	12	16.66	16.72	16.71	17.70
10	QPSK	25	25	16.75	16.69	16.75	17.70
10	QPSK	50	0	16.60	16.77	16.65	17.70
10	16QAM	1	0	16.65	16.69	16.76	17.70
10	16QAM	1	25	16.69	16.81	16.74	17.70
10	16QAM	1	49	16.64	16.70	16.67	17.70
10	16QAM	25	0	16.82	16.73	16.66	17.70

10	16QAM	25	12	16.75	16.78	16.77	17.70
10	16QAM	25	25	16.83	16.83	16.68	17.70
10	16QAM	50	0	16.72	16.89	16.77	17.70
10	64QAM	1	0	16.73	16.71	16.87	17.70
10	64QAM	1	25	16.80	16.68	16.84	17.70
10	64QAM	1	49	16.82	16.92	16.89	17.70
10	64QAM	25	0	16.83	16.87	16.79	17.70
10	64QAM	25	12	16.68	16.82	16.84	17.70
10	64QAM	25	25	16.66	16.92	16.92	17.70
10	64QAM	50	0	16.84	16.89	16.98	17.70
10	256QAM	1	0	16.80	16.85	16.64	17.70
10	256QAM	1	25	16.72	17.05	16.77	17.70
10	256QAM	1	49	16.73	16.82	16.87	17.70
10	256QAM	25	0	16.81	16.79	16.84	17.70
10	256QAM	25	12	16.82	16.85	16.84	17.70
10	256QAM	25	25	16.77	16.92	16.87	17.70
10	256QAM	50	0	16.81	16.90	16.80	17.70
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	16.97	17.11	16.91	17.70
5	QPSK	1	12	16.79	16.89	16.76	17.70
5	QPSK	1	24	16.93	16.83	16.77	17.70
5	QPSK	12	0	16.80	16.95	16.82	17.70
5	QPSK	12	7	16.73	16.75	16.69	17.70
5	QPSK	12	13	16.86	16.79	16.70	17.70
5	QPSK	25	0	16.55	16.73	16.63	17.70
5	16QAM	1	0	16.55	16.66	16.75	17.70
5	16QAM	1	12	16.80	16.74	16.74	17.70
5	16QAM	1	24	16.63	16.68	16.68	17.70
5	16QAM	12	0	16.82	16.78	16.74	17.70
5	16QAM	12	7	16.76	16.90	16.80	17.70
5	16QAM	12	13	16.85	16.81	16.73	17.70
5	16QAM	25	0	16.64	16.95	16.72	17.70
5	64QAM	1	0	16.72	16.80	16.77	17.70
5	64QAM	1	12	16.77	16.65	16.82	17.70
5	64QAM	1	24	16.81	16.86	16.85	17.70
5	64QAM	12	0	16.75	16.83	16.80	17.70
5	64QAM	12	7	16.70	16.76	16.84	17.70
5	64QAM	12	13	16.70	16.99	16.89	17.70
5	64QAM	25	0	16.79	16.81	16.87	17.70
5	256QAM	1	0	16.79	16.86	16.74	17.70
5	256QAM	1	12	16.71	17.03	16.78	17.70
5	256QAM	1	24	16.84	16.80	16.85	17.70
5	256QAM	12	0	16.82	16.90	16.84	17.70
5	256QAM	12	7	16.69	16.86	16.82	17.70
5	256QAM	12	13	16.76	16.94	16.93	17.70
5	256QAM	25	0	16.84	16.91	16.79	17.70
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	16.95	17.08	16.94	17.70
3	QPSK	1	8	16.77	16.90	16.71	17.70
3	QPSK	1	14	16.87	16.76	16.74	17.70
3	QPSK	8	0	16.81	16.85	16.72	17.70
3	QPSK	8	4	16.69	16.84	16.79	17.70
3	QPSK	8	7	16.80	16.72	16.74	17.70
3	QPSK	15	0	16.61	16.70	16.66	17.70
3	16QAM	1	0	16.63	16.70	16.74	17.70
3	16QAM	1	8	16.73	16.74	16.71	17.70
3	16QAM	1	14	16.59	16.68	16.58	17.70
3	16QAM	8	0	16.80	16.78	16.70	17.70
3	16QAM	8	4	16.77	16.81	16.78	17.70
3	16QAM	8	7	16.80	16.79	16.70	17.70
3	16QAM	15	0	16.70	16.89	16.78	17.70
3	64QAM	1	0	16.65	16.71	16.78	17.70
3	64QAM	1	8	16.75	16.76	16.76	17.70
3	64QAM	1	14	16.78	16.81	16.89	17.70
3	64QAM	8	0	16.74	16.89	16.85	17.70
3	64QAM	8	4	16.69	16.71	16.72	17.70
3	64QAM	8	7	16.64	16.87	16.90	17.70
3	64QAM	15	0	16.83	16.80	16.85	17.70
3	256QAM	1	0	16.84	16.87	16.65	17.70
3	256QAM	1	8	16.64	17.05	16.75	17.70
3	256QAM	1	14	16.81	16.85	16.84	17.70
3	256QAM	8	0	16.80	16.81	16.81	17.70
3	256QAM	8	4	16.72	16.90	16.77	17.70
3	256QAM	8	7	16.69	16.91	16.89	17.70
3	256QAM	15	0	16.76	16.95	16.83	17.70
Channel				19957	20175	20393	Tune-up limit

Frequency (MHz)				1710.7	1732.5	1754.3	(dBm)
1.4	QPSK	1	0	17.01	17.11	16.90	17.70
1.4	QPSK	1	3	16.84	16.99	16.70	17.70
1.4	QPSK	1	5	16.88	16.76	16.72	17.70
1.4	QPSK	3	0	16.87	16.84	16.74	17.70
1.4	QPSK	3	1	16.68	16.80	16.76	17.70
1.4	QPSK	3	3	16.75	16.74	16.75	17.70
1.4	QPSK	6	0	16.55	16.78	16.64	17.70
1.4	16QAM	1	0	16.63	16.78	16.78	17.70
1.4	16QAM	1	3	16.77	16.75	16.74	17.70
1.4	16QAM	1	5	16.55	16.68	16.56	17.70
1.4	16QAM	3	0	16.89	16.72	16.72	17.70
1.4	16QAM	3	1	16.70	16.85	16.79	17.70
1.4	16QAM	3	3	16.80	16.79	16.74	17.70
1.4	16QAM	6	0	16.65	16.97	16.79	17.70
1.4	64QAM	1	0	16.72	16.77	16.75	17.70
1.4	64QAM	1	3	16.78	16.79	16.82	17.70
1.4	64QAM	1	5	16.78	16.87	16.81	17.70
1.4	64QAM	3	0	16.76	16.77	16.77	17.70
1.4	64QAM	3	1	16.72	16.80	16.84	17.70
1.4	64QAM	3	3	16.61	16.90	17.02	17.70
1.4	64QAM	6	0	16.83	16.92	16.95	17.70
1.4	256QAM	1	0	16.84	16.93	16.69	17.70
1.4	256QAM	1	3	16.73	16.96	16.69	17.70
1.4	256QAM	1	5	16.75	16.79	16.81	17.70
1.4	256QAM	3	0	16.75	16.90	16.85	17.70
1.4	256QAM	3	1	16.76	16.90	16.76	17.70
1.4	256QAM	3	3	16.64	16.94	16.84	17.70
1.4	256QAM	6	0	16.80	16.87	16.83	17.70

【LTE Band 4_Ant 5_DSI3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	Tune-up limit (dBm)
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	18.44	18.56	18.53	19.20
20	QPSK	1	49	18.45	18.44	18.39	19.20
20	QPSK	1	99	18.50	18.44	18.41	19.20
20	QPSK	50	0	18.34	18.54	18.40	19.20
20	QPSK	50	24	18.29	18.28	18.33	19.20
20	QPSK	50	50	18.24	18.42	18.22	19.20
20	QPSK	100	0	18.16	18.27	18.15	19.20
20	16QAM	1	0	18.33	18.29	18.36	19.20
20	16QAM	1	49	18.25	18.23	18.28	19.20
20	16QAM	1	99	18.28	18.24	18.29	19.20
20	16QAM	50	0	18.41	18.30	18.29	19.20
20	16QAM	50	24	18.43	18.30	18.45	19.20
20	16QAM	50	50	18.45	18.38	18.36	19.20
20	16QAM	100	0	18.29	18.50	18.37	19.20
20	64QAM	1	0	18.35	18.36	18.50	19.20
20	64QAM	1	49	18.34	18.28	18.41	19.20
20	64QAM	1	99	18.32	18.41	18.41	19.20
20	64QAM	50	0	18.47	18.44	18.38	19.20
20	64QAM	50	24	18.32	18.44	18.28	19.20
20	64QAM	50	50	18.37	18.45	18.55	19.20
20	64QAM	100	0	18.31	18.48	18.37	19.20
20	256QAM	1	0	18.34	18.45	18.44	19.20
20	256QAM	1	49	18.30	18.56	18.39	19.20
20	256QAM	1	99	18.39	18.37	18.33	19.20
20	256QAM	50	0	18.30	18.41	18.43	19.20
20	256QAM	50	24	18.34	18.42	18.43	19.20
20	256QAM	50	50	18.30	18.40	18.46	19.20
20	256QAM	100	0	18.34	18.49	18.35	19.20
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	18.32	18.45	18.46	19.20
15	QPSK	1	37	18.37	18.35	18.30	19.20
15	QPSK	1	74	18.37	18.31	18.34	19.20
15	QPSK	36	0	18.27	18.49	18.31	19.20
15	QPSK	36	20	18.15	18.22	18.24	19.20
15	QPSK	36	39	18.13	18.40	18.18	19.20
15	QPSK	75	0	18.05	18.15	18.11	19.20

15	16QAM	1	0	18.25	18.19	18.29	19.20
15	16QAM	1	37	18.17	18.12	18.21	19.20
15	16QAM	1	74	18.26	18.20	18.25	19.20
15	16QAM	36	0	18.39	18.22	18.21	19.20
15	16QAM	36	20	18.37	18.16	18.35	19.20
15	16QAM	36	39	18.37	18.35	18.30	19.20
15	16QAM	75	0	18.16	18.44	18.23	19.20
15	64QAM	1	0	18.28	18.33	18.45	19.20
15	64QAM	1	37	18.24	18.22	18.35	19.20
15	64QAM	1	74	18.23	18.31	18.36	19.20
15	64QAM	36	0	18.43	18.30	18.25	19.20
15	64QAM	36	20	18.31	18.38	18.14	19.20
15	64QAM	36	39	18.24	18.31	18.42	19.20
15	64QAM	75	0	18.21	18.43	18.28	19.20
15	256QAM	1	0	18.29	18.34	18.42	19.20
15	256QAM	1	37	18.20	18.54	18.25	19.20
15	256QAM	1	74	18.29	18.33	18.23	19.20
15	256QAM	36	0	18.16	18.40	18.28	19.20
15	256QAM	36	20	18.32	18.36	18.30	19.20
15	256QAM	36	39	18.20	18.29	18.45	19.20
15	256QAM	75	0	18.24	18.43	18.30	19.20
Channel				20000	20175	20350	Tune-up limit
Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	18.43	18.42	18.43	19.20
10	QPSK	1	25	18.40	18.39	18.31	19.20
10	QPSK	1	49	18.37	18.36	18.27	19.20
10	QPSK	25	0	18.31	18.42	18.25	19.20
10	QPSK	25	12	18.20	18.26	18.24	19.20
10	QPSK	25	25	18.19	18.40	18.11	19.20
10	QPSK	50	0	18.07	18.17	18.04	19.20
10	16QAM	1	0	18.29	18.21	18.22	19.20
10	16QAM	1	25	18.17	18.12	18.21	19.20
10	16QAM	1	49	18.22	18.09	18.16	19.20
10	16QAM	25	0	18.40	18.19	18.26	19.20
10	16QAM	25	12	18.37	18.24	18.44	19.20
10	16QAM	25	25	18.31	18.28	18.32	19.20
10	16QAM	50	0	18.23	18.44	18.29	19.20
10	64QAM	1	0	18.21	18.25	18.45	19.20
10	64QAM	1	25	18.29	18.23	18.27	19.20
10	64QAM	1	49	18.17	18.31	18.36	19.20
10	64QAM	25	0	18.42	18.35	18.33	19.20
10	64QAM	25	12	18.18	18.29	18.25	19.20
10	64QAM	25	25	18.27	18.31	18.47	19.20
10	64QAM	50	0	18.29	18.36	18.33	19.20
10	256QAM	1	0	18.22	18.39	18.31	19.20
10	256QAM	1	25	18.24	18.55	18.30	19.20
10	256QAM	1	49	18.27	18.23	18.20	19.20
10	256QAM	25	0	18.19	18.35	18.35	19.20
10	256QAM	25	12	18.32	18.28	18.30	19.20
10	256QAM	25	25	18.16	18.32	18.32	19.20
10	256QAM	50	0	18.30	18.48	18.26	19.20
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	18.37	18.55	18.43	19.20
5	QPSK	1	12	18.33	18.36	18.32	19.20
5	QPSK	1	24	18.36	18.30	18.35	19.20
5	QPSK	12	0	18.21	18.40	18.29	19.20
5	QPSK	12	7	18.28	18.20	18.23	19.20
5	QPSK	12	13	18.21	18.32	18.13	19.20
5	QPSK	25	0	18.02	18.15	18.04	19.20
5	16QAM	1	0	18.21	18.16	18.30	19.20
5	16QAM	1	12	18.22	18.18	18.24	19.20
5	16QAM	1	24	18.15	18.21	18.27	19.20
5	16QAM	12	0	18.30	18.27	18.16	19.20
5	16QAM	12	7	18.28	18.25	18.31	19.20
5	16QAM	12	13	18.39	18.27	18.34	19.20
5	16QAM	25	0	18.19	18.45	18.24	19.20
5	64QAM	1	0	18.21	18.22	18.40	19.20
5	64QAM	1	12	18.32	18.26	18.35	19.20
5	64QAM	1	24	18.31	18.29	18.35	19.20
5	64QAM	12	0	18.43	18.40	18.31	19.20
5	64QAM	12	7	18.29	18.40	18.22	19.20
5	64QAM	12	13	18.33	18.36	18.46	19.20
5	64QAM	25	0	18.22	18.41	18.24	19.20
5	256QAM	1	0	18.25	18.30	18.32	19.20
5	256QAM	1	12	18.25	18.55	18.26	19.20
5	256QAM	1	24	18.31	18.28	18.26	19.20
5	256QAM	12	0	18.22	18.36	18.29	19.20

5	256QAM	12	7	18.27	18.37	18.38	19.20
5	256QAM	12	13	18.24	18.27	18.41	19.20
5	256QAM	25	0	18.21	18.47	18.32	19.20
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	18.32	18.50	18.40	19.20
3	QPSK	1	8	18.43	18.30	18.31	19.20
3	QPSK	1	14	18.47	18.34	18.28	19.20
3	QPSK	8	0	18.32	18.51	18.37	19.20
3	QPSK	8	4	18.22	18.17	18.25	19.20
3	QPSK	8	7	18.17	18.32	18.12	19.20
3	QPSK	15	0	18.05	18.21	18.13	19.20
3	16QAM	1	0	18.27	18.22	18.21	19.20
3	16QAM	1	8	18.23	18.21	18.14	19.20
3	16QAM	1	14	18.18	18.18	18.28	19.20
3	16QAM	8	0	18.27	18.19	18.23	19.20
3	16QAM	8	4	18.29	18.25	18.40	19.20
3	16QAM	8	7	18.37	18.26	18.28	19.20
3	16QAM	15	0	18.20	18.46	18.30	19.20
3	64QAM	1	0	18.32	18.25	18.41	19.20
3	64QAM	1	8	18.30	18.18	18.37	19.20
3	64QAM	1	14	18.28	18.39	18.32	19.20
3	64QAM	8	0	18.41	18.39	18.28	19.20
3	64QAM	8	4	18.17	18.33	18.24	19.20
3	64QAM	8	7	18.24	18.42	18.53	19.20
3	64QAM	15	0	18.29	18.38	18.34	19.20
3	256QAM	1	0	18.23	18.36	18.41	19.20
3	256QAM	1	8	18.19	18.54	18.33	19.20
3	256QAM	1	14	18.38	18.28	18.26	19.20
3	256QAM	8	0	18.28	18.39	18.38	19.20
3	256QAM	8	4	18.24	18.31	18.33	19.20
3	256QAM	8	7	18.29	18.33	18.43	19.20
3	256QAM	15	0	18.23	18.36	18.27	19.20
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	18.42	18.52	18.42	19.20
1.4	QPSK	1	3	18.44	18.36	18.36	19.20
1.4	QPSK	1	5	18.46	18.31	18.31	19.20
1.4	QPSK	3	0	18.23	18.53	18.36	19.20
1.4	QPSK	3	1	18.15	18.19	18.24	19.20
1.4	QPSK	3	3	18.10	18.33	18.09	19.20
1.4	QPSK	6	0	18.05	18.15	18.03	19.20
1.4	16QAM	1	0	18.29	18.17	18.23	19.20
1.4	16QAM	1	3	18.18	18.12	18.19	19.20
1.4	16QAM	1	5	18.14	18.19	18.23	19.20
1.4	16QAM	3	0	18.34	18.27	18.28	19.20
1.4	16QAM	3	1	18.35	18.25	18.42	19.20
1.4	16QAM	3	3	18.35	18.27	18.24	19.20
1.4	16QAM	6	0	18.26	18.44	18.27	19.20
1.4	64QAM	1	0	18.23	18.21	18.46	19.20
1.4	64QAM	1	3	18.20	18.14	18.29	19.20
1.4	64QAM	1	5	18.26	18.33	18.39	19.20
1.4	64QAM	3	0	18.39	18.37	18.26	19.20
1.4	64QAM	3	1	18.30	18.37	18.21	19.20
1.4	64QAM	3	3	18.33	18.34	18.43	19.20
1.4	64QAM	6	0	18.18	18.42	18.33	19.20
1.4	256QAM	1	0	18.22	18.35	18.37	19.20
1.4	256QAM	1	3	18.18	18.43	18.34	19.20
1.4	256QAM	1	5	18.24	18.33	18.32	19.20
1.4	256QAM	3	0	18.25	18.33	18.41	19.20
1.4	256QAM	3	1	18.29	18.32	18.42	19.20
1.4	256QAM	3	3	18.23	18.34	18.34	19.20
1.4	256QAM	6	0	18.20	18.44	18.24	19.20

【LTE Band 4_Ant 5_DSI4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	18.44	18.56	18.53	19.20
20	QPSK	1	49	18.45	18.44	18.39	19.20
20	QPSK	1	99	18.50	18.44	18.41	19.20
20	QPSK	50	0	18.34	18.54	18.40	19.20
20	QPSK	50	24	18.29	18.28	18.33	19.20
20	QPSK	50	50	18.24	18.42	18.22	19.20
20	QPSK	100	0	18.16	18.27	18.15	19.20
20	16QAM	1	0	18.33	18.29	18.36	19.20
20	16QAM	1	49	18.25	18.23	18.28	19.20
20	16QAM	1	99	18.28	18.24	18.29	19.20
20	16QAM	50	0	18.41	18.30	18.29	19.20
20	16QAM	50	24	18.43	18.30	18.45	19.20
20	16QAM	50	50	18.45	18.38	18.36	19.20
20	16QAM	100	0	18.29	18.50	18.37	19.20
20	64QAM	1	0	18.35	18.36	18.50	19.20
20	64QAM	1	49	18.34	18.28	18.41	19.20
20	64QAM	1	99	18.32	18.41	18.41	19.20
20	64QAM	50	0	18.47	18.44	18.38	19.20
20	64QAM	50	24	18.32	18.44	18.28	19.20
20	64QAM	50	50	18.37	18.45	18.55	19.20
20	64QAM	100	0	18.31	18.48	18.37	19.20
20	256QAM	1	0	18.34	18.45	18.44	19.20
20	256QAM	1	49	18.30	18.56	18.39	19.20
20	256QAM	1	99	18.39	18.37	18.33	19.20
20	256QAM	50	0	18.30	18.41	18.43	19.20
20	256QAM	50	24	18.34	18.42	18.43	19.20
20	256QAM	50	50	18.30	18.40	18.46	19.20
20	256QAM	100	0	18.34	18.49	18.35	19.20
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	18.32	18.45	18.46	19.20
15	QPSK	1	37	18.37	18.35	18.30	19.20
15	QPSK	1	74	18.37	18.31	18.34	19.20
15	QPSK	36	0	18.27	18.49	18.31	19.20
15	QPSK	36	20	18.15	18.22	18.24	19.20
15	QPSK	36	39	18.13	18.40	18.18	19.20
15	QPSK	75	0	18.05	18.15	18.11	19.20
15	16QAM	1	0	18.25	18.19	18.29	19.20
15	16QAM	1	37	18.17	18.12	18.21	19.20
15	16QAM	1	74	18.26	18.20	18.25	19.20
15	16QAM	36	0	18.39	18.22	18.21	19.20
15	16QAM	36	20	18.37	18.16	18.35	19.20
15	16QAM	36	39	18.37	18.35	18.30	19.20
15	16QAM	75	0	18.16	18.44	18.23	19.20
15	64QAM	1	0	18.28	18.33	18.45	19.20
15	64QAM	1	37	18.24	18.22	18.35	19.20
15	64QAM	1	74	18.23	18.31	18.36	19.20
15	64QAM	36	0	18.43	18.30	18.25	19.20
15	64QAM	36	20	18.31	18.38	18.14	19.20
15	64QAM	36	39	18.24	18.31	18.42	19.20
15	64QAM	75	0	18.21	18.43	18.28	19.20
15	256QAM	1	0	18.29	18.34	18.42	19.20
15	256QAM	1	37	18.20	18.54	18.25	19.20
15	256QAM	1	74	18.29	18.33	18.23	19.20
15	256QAM	36	0	18.16	18.40	18.28	19.20
15	256QAM	36	20	18.32	18.36	18.30	19.20
15	256QAM	36	39	18.20	18.29	18.45	19.20
15	256QAM	75	0	18.24	18.43	18.30	19.20
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	18.43	18.42	18.43	19.20
10	QPSK	1	25	18.40	18.39	18.31	19.20
10	QPSK	1	49	18.37	18.36	18.27	19.20
10	QPSK	25	0	18.31	18.42	18.25	19.20
10	QPSK	25	12	18.20	18.26	18.24	19.20
10	QPSK	25	25	18.19	18.40	18.11	19.20
10	QPSK	50	0	18.07	18.17	18.04	19.20
10	16QAM	1	0	18.29	18.21	18.22	19.20
10	16QAM	1	25	18.17	18.12	18.21	19.20

10	16QAM	1	49	18.22	18.09	18.16	19.20
10	16QAM	25	0	18.40	18.19	18.26	19.20
10	16QAM	25	12	18.37	18.24	18.44	19.20
10	16QAM	25	25	18.31	18.28	18.32	19.20
10	16QAM	50	0	18.23	18.44	18.29	19.20
10	64QAM	1	0	18.21	18.25	18.45	19.20
10	64QAM	1	25	18.29	18.23	18.27	19.20
10	64QAM	1	49	18.17	18.31	18.36	19.20
10	64QAM	25	0	18.42	18.35	18.33	19.20
10	64QAM	25	12	18.18	18.29	18.25	19.20
10	64QAM	25	25	18.27	18.31	18.47	19.20
10	64QAM	50	0	18.29	18.36	18.33	19.20
10	256QAM	1	0	18.22	18.39	18.31	19.20
10	256QAM	1	25	18.24	18.55	18.30	19.20
10	256QAM	1	49	18.27	18.23	18.20	19.20
10	256QAM	25	0	18.19	18.35	18.35	19.20
10	256QAM	25	12	18.32	18.28	18.30	19.20
10	256QAM	25	25	18.16	18.32	18.32	19.20
10	256QAM	50	0	18.30	18.48	18.26	19.20
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	18.37	18.55	18.43	19.20
5	QPSK	1	12	18.33	18.36	18.32	19.20
5	QPSK	1	24	18.36	18.30	18.35	19.20
5	QPSK	12	0	18.21	18.40	18.29	19.20
5	QPSK	12	7	18.28	18.20	18.23	19.20
5	QPSK	12	13	18.21	18.32	18.13	19.20
5	QPSK	25	0	18.02	18.15	18.04	19.20
5	16QAM	1	0	18.21	18.16	18.30	19.20
5	16QAM	1	12	18.22	18.18	18.24	19.20
5	16QAM	1	24	18.15	18.21	18.27	19.20
5	16QAM	12	0	18.30	18.27	18.16	19.20
5	16QAM	12	7	18.28	18.25	18.31	19.20
5	16QAM	12	13	18.39	18.27	18.34	19.20
5	16QAM	25	0	18.19	18.45	18.24	19.20
5	64QAM	1	0	18.21	18.22	18.40	19.20
5	64QAM	1	12	18.32	18.26	18.35	19.20
5	64QAM	1	24	18.31	18.29	18.35	19.20
5	64QAM	12	0	18.43	18.40	18.31	19.20
5	64QAM	12	7	18.29	18.40	18.22	19.20
5	64QAM	12	13	18.33	18.36	18.46	19.20
5	64QAM	25	0	18.22	18.41	18.24	19.20
5	256QAM	1	0	18.25	18.30	18.32	19.20
5	256QAM	1	12	18.25	18.55	18.26	19.20
5	256QAM	1	24	18.31	18.28	18.26	19.20
5	256QAM	12	0	18.22	18.36	18.29	19.20
5	256QAM	12	7	18.27	18.37	18.38	19.20
5	256QAM	12	13	18.24	18.27	18.41	19.20
5	256QAM	25	0	18.21	18.47	18.32	19.20
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	18.32	18.50	18.40	19.20
3	QPSK	1	8	18.43	18.30	18.31	19.20
3	QPSK	1	14	18.47	18.34	18.28	19.20
3	QPSK	8	0	18.32	18.51	18.37	19.20
3	QPSK	8	4	18.22	18.17	18.25	19.20
3	QPSK	8	7	18.17	18.32	18.12	19.20
3	QPSK	15	0	18.05	18.21	18.13	19.20
3	16QAM	1	0	18.27	18.22	18.21	19.20
3	16QAM	1	8	18.23	18.21	18.14	19.20
3	16QAM	1	14	18.18	18.18	18.28	19.20
3	16QAM	8	0	18.27	18.19	18.23	19.20
3	16QAM	8	4	18.29	18.25	18.40	19.20
3	16QAM	8	7	18.37	18.26	18.28	19.20
3	16QAM	15	0	18.20	18.46	18.30	19.20
3	64QAM	1	0	18.32	18.25	18.41	19.20
3	64QAM	1	8	18.30	18.18	18.37	19.20
3	64QAM	1	14	18.28	18.39	18.32	19.20
3	64QAM	8	0	18.41	18.39	18.28	19.20
3	64QAM	8	4	18.17	18.33	18.24	19.20
3	64QAM	8	7	18.24	18.42	18.53	19.20
3	64QAM	15	0	18.29	18.38	18.34	19.20
3	256QAM	1	0	18.23	18.36	18.41	19.20
3	256QAM	1	8	18.19	18.54	18.33	19.20
3	256QAM	1	14	18.38	18.28	18.26	19.20
3	256QAM	8	0	18.28	18.39	18.38	19.20
3	256QAM	8	4	18.24	18.31	18.33	19.20
3	256QAM	8	7	18.29	18.33	18.43	19.20

3	256QAM	15	0	18.23	18.36	18.27	19.20
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	18.42	18.52	18.42	19.20
1.4	QPSK	1	3	18.44	18.36	18.36	19.20
1.4	QPSK	1	5	18.46	18.31	18.31	19.20
1.4	QPSK	3	0	18.23	18.53	18.36	19.20
1.4	QPSK	3	1	18.15	18.19	18.24	19.20
1.4	QPSK	3	3	18.10	18.33	18.09	19.20
1.4	QPSK	6	0	18.05	18.15	18.03	19.20
1.4	16QAM	1	0	18.29	18.17	18.23	19.20
1.4	16QAM	1	3	18.18	18.12	18.19	19.20
1.4	16QAM	1	5	18.14	18.19	18.23	19.20
1.4	16QAM	3	0	18.34	18.27	18.28	19.20
1.4	16QAM	3	1	18.35	18.25	18.42	19.20
1.4	16QAM	3	3	18.35	18.27	18.24	19.20
1.4	16QAM	6	0	18.26	18.44	18.27	19.20
1.4	64QAM	1	0	18.23	18.21	18.46	19.20
1.4	64QAM	1	3	18.20	18.14	18.29	19.20
1.4	64QAM	1	5	18.26	18.33	18.39	19.20
1.4	64QAM	3	0	18.39	18.37	18.26	19.20
1.4	64QAM	3	1	18.30	18.37	18.21	19.20
1.4	64QAM	3	3	18.33	18.34	18.43	19.20
1.4	64QAM	6	0	18.18	18.42	18.33	19.20
1.4	256QAM	1	0	18.22	18.35	18.37	19.20
1.4	256QAM	1	3	18.18	18.43	18.34	19.20
1.4	256QAM	1	5	18.24	18.33	18.32	19.20
1.4	256QAM	3	0	18.25	18.33	18.41	19.20
1.4	256QAM	3	1	18.29	18.32	18.42	19.20
1.4	256QAM	3	3	18.23	18.34	18.34	19.20
1.4	256QAM	6	0	18.20	18.44	18.24	19.20

【LTE Band 4_Ant 5_DSI5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	17.04	17.16	17.00	17.70
20	QPSK	1	49	16.88	17.04	16.81	17.70
20	QPSK	1	99	16.95	16.90	16.81	17.70
20	QPSK	50	0	16.88	16.96	16.86	17.70
20	QPSK	50	24	16.78	16.87	16.82	17.70
20	QPSK	50	50	16.87	16.80	16.81	17.70
20	QPSK	100	0	16.63	16.80	16.70	17.70
20	16QAM	1	0	16.70	16.81	16.79	17.70
20	16QAM	1	49	16.83	16.83	16.77	17.70
20	16QAM	1	99	16.69	16.79	16.70	17.70
20	16QAM	50	0	16.94	16.83	16.77	17.70
20	16QAM	50	24	16.83	16.91	16.92	17.70
20	16QAM	50	50	16.88	16.93	16.83	17.70
20	16QAM	100	0	16.77	17.02	16.86	17.70
20	64QAM	1	0	16.78	16.85	16.88	17.70
20	64QAM	1	49	16.86	16.80	16.89	17.70
20	64QAM	1	99	16.87	16.96	16.94	17.70
20	64QAM	50	0	16.88	16.91	16.88	17.70
20	64QAM	50	24	16.80	16.86	16.87	17.70
20	64QAM	50	50	16.72	17.00	17.03	17.70
20	64QAM	100	0	16.91	16.95	16.99	17.70
20	256QAM	1	0	16.88	16.99	16.78	17.70
20	256QAM	1	49	16.76	17.09	16.79	17.70
20	256QAM	1	99	16.86	16.90	16.92	17.70
20	256QAM	50	0	16.83	16.92	16.87	17.70
20	256QAM	50	24	16.83	16.92	16.89	17.70
20	256QAM	50	50	16.78	16.96	16.97	17.70
20	256QAM	100	0	16.90	16.99	16.93	17.70
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	16.95	17.12	16.92	17.70
15	QPSK	1	37	16.86	16.96	16.73	17.70
15	QPSK	1	74	16.93	16.78	16.73	17.70
15	QPSK	36	0	16.84	16.87	16.72	17.70
15	QPSK	36	20	16.74	16.73	16.67	17.70

15	QPSK	36	39	16.82	16.68	16.75	17.70
15	QPSK	75	0	16.51	16.78	16.65	17.70
15	16QAM	1	0	16.58	16.80	16.73	17.70
15	16QAM	1	37	16.78	16.72	16.66	17.70
15	16QAM	1	74	16.59	16.67	16.62	17.70
15	16QAM	36	0	16.90	16.76	16.64	17.70
15	16QAM	36	20	16.81	16.85	16.89	17.70
15	16QAM	36	39	16.84	16.83	16.76	17.70
15	16QAM	75	0	16.63	16.89	16.73	17.70
15	64QAM	1	0	16.69	16.81	16.87	17.70
15	64QAM	1	37	16.71	16.66	16.80	17.70
15	64QAM	1	74	16.79	16.85	16.91	17.70
15	64QAM	36	0	16.80	16.76	16.74	17.70
15	64QAM	36	20	16.78	16.78	16.72	17.70
15	64QAM	36	39	16.71	16.87	16.91	17.70
15	64QAM	75	0	16.78	16.87	16.96	17.70
15	256QAM	1	0	16.80	16.93	16.76	17.70
15	256QAM	1	37	16.68	17.08	16.74	17.70
15	256QAM	1	74	16.78	16.82	16.91	17.70
15	256QAM	36	0	16.81	16.86	16.75	17.70
15	256QAM	36	20	16.82	16.87	16.86	17.70
15	256QAM	36	39	16.64	16.95	16.83	17.70
15	256QAM	75	0	16.88	16.85	16.91	17.70
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	16.94	17.06	16.86	17.70
10	QPSK	1	25	16.74	16.92	16.66	17.70
10	QPSK	1	49	16.82	16.84	16.68	17.70
10	QPSK	25	0	16.75	16.85	16.72	17.70
10	QPSK	25	12	16.66	16.72	16.71	17.70
10	QPSK	25	25	16.75	16.69	16.75	17.70
10	QPSK	50	0	16.60	16.77	16.65	17.70
10	16QAM	1	0	16.65	16.69	16.76	17.70
10	16QAM	1	25	16.69	16.81	16.74	17.70
10	16QAM	1	49	16.64	16.70	16.67	17.70
10	16QAM	25	0	16.82	16.73	16.66	17.70
10	16QAM	25	12	16.75	16.78	16.77	17.70
10	16QAM	25	25	16.83	16.83	16.68	17.70
10	16QAM	50	0	16.72	16.89	16.77	17.70
10	64QAM	1	0	16.73	16.71	16.87	17.70
10	64QAM	1	25	16.80	16.68	16.84	17.70
10	64QAM	1	49	16.82	16.92	16.89	17.70
10	64QAM	25	0	16.83	16.87	16.79	17.70
10	64QAM	25	12	16.68	16.82	16.84	17.70
10	64QAM	25	25	16.66	16.92	16.92	17.70
10	64QAM	50	0	16.84	16.89	16.98	17.70
10	256QAM	1	0	16.80	16.85	16.64	17.70
10	256QAM	1	25	16.72	17.05	16.77	17.70
10	256QAM	1	49	16.73	16.82	16.87	17.70
10	256QAM	25	0	16.81	16.79	16.84	17.70
10	256QAM	25	12	16.82	16.85	16.84	17.70
10	256QAM	25	25	16.77	16.92	16.87	17.70
10	256QAM	50	0	16.81	16.90	16.80	17.70
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	16.97	17.11	16.91	17.70
5	QPSK	1	12	16.79	16.89	16.76	17.70
5	QPSK	1	24	16.93	16.83	16.77	17.70
5	QPSK	12	0	16.80	16.95	16.82	17.70
5	QPSK	12	7	16.73	16.75	16.69	17.70
5	QPSK	12	13	16.86	16.79	16.70	17.70
5	QPSK	25	0	16.55	16.73	16.63	17.70
5	16QAM	1	0	16.55	16.66	16.75	17.70
5	16QAM	1	12	16.80	16.74	16.74	17.70
5	16QAM	1	24	16.63	16.68	16.68	17.70
5	16QAM	12	0	16.82	16.78	16.74	17.70
5	16QAM	12	7	16.76	16.90	16.80	17.70
5	16QAM	12	13	16.85	16.81	16.73	17.70
5	16QAM	25	0	16.64	16.95	16.72	17.70
5	64QAM	1	0	16.72	16.80	16.77	17.70
5	64QAM	1	12	16.77	16.65	16.82	17.70
5	64QAM	1	24	16.81	16.86	16.85	17.70
5	64QAM	12	0	16.75	16.83	16.80	17.70
5	64QAM	12	7	16.70	16.76	16.84	17.70
5	64QAM	12	13	16.70	16.99	16.89	17.70
5	64QAM	25	0	16.79	16.81	16.87	17.70
5	256QAM	1	0	16.79	16.86	16.74	17.70
5	256QAM	1	12	16.71	17.03	16.78	17.70

5	256QAM	1	24	16.84	16.80	16.85	17.70
5	256QAM	12	0	16.82	16.90	16.84	17.70
5	256QAM	12	7	16.69	16.86	16.82	17.70
5	256QAM	12	13	16.76	16.94	16.93	17.70
5	256QAM	25	0	16.84	16.91	16.79	17.70
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	16.95	17.08	16.94	17.70
3	QPSK	1	8	16.77	16.90	16.71	17.70
3	QPSK	1	14	16.87	16.76	16.74	17.70
3	QPSK	8	0	16.81	16.85	16.72	17.70
3	QPSK	8	4	16.69	16.84	16.79	17.70
3	QPSK	8	7	16.80	16.72	16.74	17.70
3	QPSK	15	0	16.61	16.70	16.66	17.70
3	16QAM	1	0	16.63	16.70	16.74	17.70
3	16QAM	1	8	16.73	16.74	16.71	17.70
3	16QAM	1	14	16.59	16.68	16.58	17.70
3	16QAM	8	0	16.80	16.78	16.70	17.70
3	16QAM	8	4	16.77	16.81	16.78	17.70
3	16QAM	8	7	16.80	16.79	16.70	17.70
3	16QAM	15	0	16.70	16.89	16.78	17.70
3	64QAM	1	0	16.65	16.71	16.78	17.70
3	64QAM	1	8	16.75	16.76	16.76	17.70
3	64QAM	1	14	16.78	16.81	16.89	17.70
3	64QAM	8	0	16.74	16.89	16.85	17.70
3	64QAM	8	4	16.69	16.71	16.72	17.70
3	64QAM	8	7	16.64	16.87	16.90	17.70
3	64QAM	15	0	16.83	16.80	16.85	17.70
3	256QAM	1	0	16.84	16.87	16.65	17.70
3	256QAM	1	8	16.64	17.05	16.75	17.70
3	256QAM	1	14	16.81	16.85	16.84	17.70
3	256QAM	8	0	16.80	16.81	16.81	17.70
3	256QAM	8	4	16.72	16.90	16.77	17.70
3	256QAM	8	7	16.69	16.91	16.89	17.70
3	256QAM	15	0	16.76	16.95	16.83	17.70
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	17.01	17.11	16.90	17.70
1.4	QPSK	1	3	16.84	16.99	16.70	17.70
1.4	QPSK	1	5	16.88	16.76	16.72	17.70
1.4	QPSK	3	0	16.87	16.84	16.74	17.70
1.4	QPSK	3	1	16.68	16.80	16.76	17.70
1.4	QPSK	3	3	16.75	16.74	16.75	17.70
1.4	QPSK	6	0	16.55	16.78	16.64	17.70
1.4	16QAM	1	0	16.63	16.78	16.78	17.70
1.4	16QAM	1	3	16.77	16.75	16.74	17.70
1.4	16QAM	1	5	16.55	16.68	16.56	17.70
1.4	16QAM	3	0	16.89	16.72	16.72	17.70
1.4	16QAM	3	1	16.70	16.85	16.79	17.70
1.4	16QAM	3	3	16.80	16.79	16.74	17.70
1.4	16QAM	6	0	16.65	16.97	16.79	17.70
1.4	64QAM	1	0	16.72	16.77	16.75	17.70
1.4	64QAM	1	3	16.78	16.79	16.82	17.70
1.4	64QAM	1	5	16.78	16.87	16.81	17.70
1.4	64QAM	3	0	16.76	16.77	16.77	17.70
1.4	64QAM	3	1	16.72	16.80	16.84	17.70
1.4	64QAM	3	3	16.61	16.90	17.02	17.70
1.4	64QAM	6	0	16.83	16.92	16.95	17.70
1.4	256QAM	1	0	16.84	16.93	16.69	17.70
1.4	256QAM	1	3	16.73	16.96	16.69	17.70
1.4	256QAM	1	5	16.75	16.79	16.81	17.70
1.4	256QAM	3	0	16.75	16.90	16.85	17.70
1.4	256QAM	3	1	16.76	16.90	16.76	17.70
1.4	256QAM	3	3	16.64	16.94	16.84	17.70
1.4	256QAM	6	0	16.80	16.87	16.83	17.70

【LTE Band 4_Ant 6_default】

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	25.29	25.32	25.22	25.70
20	QPSK	1	49	25.20	25.24	25.11	25.70
20	QPSK	1	99	25.18	25.23	25.06	25.70
20	QPSK	50	0	24.16	24.25	24.08	24.70
20	QPSK	50	24	24.14	24.19	24.00	24.70
20	QPSK	50	50	23.98	24.14	23.94	24.70
20	QPSK	100	0	24.18	24.27	24.05	24.70
20	16QAM	1	0	24.11	24.23	24.05	24.70
20	16QAM	1	49	24.08	24.23	24.02	24.70
20	16QAM	1	99	23.98	24.11	23.97	24.70
20	16QAM	50	0	23.08	23.24	23.14	23.70
20	16QAM	50	24	23.10	23.17	23.02	23.70
20	16QAM	50	50	23.11	23.23	23.13	23.70
20	16QAM	100	0	23.08	23.26	23.03	23.70
20	64QAM	1	0	23.26	23.41	23.30	23.70
20	64QAM	1	49	23.14	23.29	23.11	23.70
20	64QAM	1	99	23.23	23.30	23.13	23.70
20	64QAM	50	0	22.11	22.18	21.95	22.70
20	64QAM	50	24	21.94	22.09	21.94	22.70
20	64QAM	50	50	22.05	22.12	21.97	22.70
20	64QAM	100	0	22.13	22.27	22.13	22.70
20	256QAM	1	0	20.06	20.23	20.09	20.70
20	256QAM	1	49	20.01	20.11	19.94	20.70
20	256QAM	1	99	20.02	20.14	19.94	20.70
20	256QAM	50	0	20.03	20.19	19.97	20.70
20	256QAM	50	24	20.08	20.18	19.97	20.70
20	256QAM	50	50	20.00	20.15	20.01	20.70
20	256QAM	100	0	20.25	20.30	20.17	20.70
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	25.25	25.28	25.11	25.70
15	QPSK	1	37	25.06	25.21	25.00	25.70
15	QPSK	1	74	25.16	25.22	24.92	25.70
15	QPSK	36	0	24.05	24.23	24.06	24.70
15	QPSK	36	20	24.07	24.12	23.85	24.70
15	QPSK	36	39	23.96	24.07	23.85	24.70
15	QPSK	75	0	24.14	24.18	23.97	24.70
15	16QAM	1	0	24.01	24.11	23.99	24.70
15	16QAM	1	37	24.07	24.12	23.92	24.70
15	16QAM	1	74	23.92	23.97	23.94	24.70
15	16QAM	36	0	22.97	23.12	23.03	23.70
15	16QAM	36	20	23.06	23.14	22.98	23.70
15	16QAM	36	39	23.08	23.14	23.05	23.70
15	16QAM	75	0	23.04	23.21	22.93	23.70
15	64QAM	1	0	23.12	23.26	23.25	23.70
15	64QAM	1	37	23.10	23.23	23.09	23.70
15	64QAM	1	74	23.20	23.22	23.02	23.70
15	64QAM	36	0	22.07	22.12	21.86	22.70
15	64QAM	36	20	21.85	21.95	21.87	22.70
15	64QAM	36	39	22.03	22.08	21.95	22.70
15	64QAM	75	0	22.12	22.18	22.06	22.70
15	256QAM	1	0	19.95	20.18	19.97	20.70
15	256QAM	1	37	19.91	19.96	19.83	20.70
15	256QAM	1	74	19.91	20.13	19.91	20.70
15	256QAM	36	0	20.00	20.12	19.95	20.70
15	256QAM	36	20	20.00	20.08	19.90	20.70
15	256QAM	36	39	19.89	20.01	19.93	20.70
15	256QAM	75	0	20.21	20.27	20.05	20.70
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	25.19	25.31	25.19	25.70
10	QPSK	1	25	25.09	25.17	25.01	25.70
10	QPSK	1	49	25.04	25.09	25.04	25.70
10	QPSK	25	0	24.02	24.20	23.94	24.70
10	QPSK	25	12	24.06	24.16	23.88	24.70
10	QPSK	25	25	23.89	24.10	23.82	24.70
10	QPSK	50	0	24.16	24.16	23.95	24.70
10	16QAM	1	0	24.07	24.15	24.03	24.70
10	16QAM	1	25	23.98	24.18	23.91	24.70

10	16QAM	1	49	23.88	24.00	23.83	24.70
10	16QAM	25	0	22.96	23.19	23.10	23.70
10	16QAM	25	12	23.08	23.05	22.94	23.70
10	16QAM	25	25	22.97	23.14	22.99	23.70
10	16QAM	50	0	22.95	23.17	22.97	23.70
10	64QAM	1	0	23.16	23.29	23.24	23.70
10	64QAM	1	25	23.09	23.22	23.05	23.70
10	64QAM	1	49	23.18	23.20	23.02	23.70
10	64QAM	25	0	22.04	22.12	21.86	22.70
10	64QAM	25	12	21.85	21.97	21.82	22.70
10	64QAM	25	25	21.94	22.00	21.95	22.70
10	64QAM	50	0	22.10	22.19	22.06	22.70
10	256QAM	1	0	19.97	20.11	20.03	20.70
10	256QAM	1	25	19.90	20.06	19.80	20.70
10	256QAM	1	49	19.96	20.04	19.81	20.70
10	256QAM	25	0	20.02	20.15	19.93	20.70
10	256QAM	25	12	19.96	20.11	19.89	20.70
10	256QAM	25	25	19.94	20.04	19.97	20.70
10	256QAM	50	0	20.15	20.23	20.13	20.70
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	25.28	25.25	25.14	25.70
5	QPSK	1	12	25.08	25.22	25.00	25.70
5	QPSK	1	24	25.06	25.21	24.92	25.70
5	QPSK	12	0	24.03	24.12	23.96	24.70
5	QPSK	12	7	24.02	24.11	23.94	24.70
5	QPSK	12	13	23.89	24.09	23.84	24.70
5	QPSK	25	0	24.14	24.21	24.01	24.70
5	16QAM	1	0	24.05	24.15	23.96	24.70
5	16QAM	1	12	24.00	24.13	23.88	24.70
5	16QAM	1	24	23.94	24.01	23.84	24.70
5	16QAM	12	0	22.95	23.23	23.07	23.70
5	16QAM	12	7	23.06	23.08	22.93	23.70
5	16QAM	12	13	22.99	23.22	23.02	23.70
5	16QAM	25	0	22.96	23.25	22.93	23.70
5	64QAM	1	0	23.23	23.34	23.19	23.70
5	64QAM	1	12	23.05	23.22	23.05	23.70
5	64QAM	1	24	23.11	23.28	23.05	23.70
5	64QAM	12	0	22.08	22.03	21.87	22.70
5	64QAM	12	7	21.87	22.03	21.88	22.70
5	64QAM	12	13	22.02	22.00	21.91	22.70
5	64QAM	25	0	22.07	22.16	22.04	22.70
5	256QAM	1	0	19.97	20.17	20.00	20.70
5	256QAM	1	12	19.95	20.01	19.84	20.70
5	256QAM	1	24	19.98	20.04	19.79	20.70
5	256QAM	12	0	20.01	20.10	19.83	20.70
5	256QAM	12	7	20.03	20.13	19.94	20.70
5	256QAM	12	13	19.91	20.11	19.96	20.70
5	256QAM	25	0	20.14	20.23	20.06	20.70
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	25.23	25.17	25.20	25.70
3	QPSK	1	8	25.18	25.11	24.96	25.70
3	QPSK	1	14	25.07	25.09	24.96	25.70
3	QPSK	8	0	24.08	24.17	24.00	24.70
3	QPSK	8	4	24.06	24.06	23.94	24.70
3	QPSK	8	7	23.94	24.01	23.92	24.70
3	QPSK	15	0	24.05	24.16	23.96	24.70
3	16QAM	1	0	24.07	24.14	24.01	24.70
3	16QAM	1	8	23.97	24.19	23.91	24.70
3	16QAM	1	14	23.87	24.03	23.86	24.70
3	16QAM	8	0	22.94	23.12	23.12	23.70
3	16QAM	8	4	22.98	23.06	22.90	23.70
3	16QAM	8	7	23.05	23.19	23.02	23.70
3	16QAM	15	0	22.99	23.13	22.90	23.70
3	64QAM	1	0	23.15	23.31	23.26	23.70
3	64QAM	1	8	22.99	23.18	23.02	23.70
3	64QAM	1	14	23.13	23.17	23.07	23.70
3	64QAM	8	0	22.08	22.04	21.93	22.70
3	64QAM	8	4	21.89	22.06	21.89	22.70
3	64QAM	8	7	21.95	21.97	21.90	22.70
3	64QAM	15	0	22.05	22.20	22.03	22.70
3	256QAM	1	0	19.94	20.11	20.06	20.70
3	256QAM	1	8	19.87	20.05	19.85	20.70
3	256QAM	1	14	19.95	20.05	19.82	20.70
3	256QAM	8	0	19.91	20.14	19.89	20.70
3	256QAM	8	4	20.02	20.09	19.93	20.70
3	256QAM	8	7	19.92	20.04	19.90	20.70

3	256QAM	15	0	20.10	20.27	20.14	20.70
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	25.27	25.30	25.10	25.70
1.4	QPSK	1	3	25.16	25.15	24.98	25.70
1.4	QPSK	1	5	25.03	25.20	24.97	25.70
1.4	QPSK	3	0	25.11	25.22	25.02	25.70
1.4	QPSK	3	1	25.09	25.07	24.98	25.70
1.4	QPSK	3	3	24.86	25.12	24.86	25.70
1.4	QPSK	6	0	24.13	24.23	23.90	24.70
1.4	16QAM	1	0	24.03	24.10	23.96	24.70
1.4	16QAM	1	3	24.01	24.17	24.01	24.70
1.4	16QAM	1	5	23.84	24.00	23.87	24.70
1.4	16QAM	3	0	24.05	24.19	24.03	24.70
1.4	16QAM	3	1	24.01	24.11	23.96	24.70
1.4	16QAM	3	3	24.02	24.22	24.06	24.70
1.4	16QAM	6	0	23.05	23.15	22.91	23.70
1.4	64QAM	1	0	23.13	23.34	23.25	23.70
1.4	64QAM	1	3	22.99	23.16	22.97	23.70
1.4	64QAM	1	5	23.18	23.20	23.01	23.70
1.4	64QAM	3	0	22.96	23.14	22.91	23.70
1.4	64QAM	3	1	22.83	23.07	22.81	23.70
1.4	64QAM	3	3	22.99	23.07	22.90	23.70
1.4	64QAM	6	0	22.00	22.16	21.98	22.70
1.4	256QAM	1	0	20.03	20.08	20.02	20.70
1.4	256QAM	1	3	19.92	20.09	19.86	20.70
1.4	256QAM	1	5	19.95	20.02	19.89	20.70
1.4	256QAM	3	0	19.92	20.15	19.94	20.70
1.4	256QAM	3	1	20.05	20.05	19.92	20.70
1.4	256QAM	3	3	19.95	20.08	19.86	20.70
1.4	256QAM	6	0	20.14	20.22	20.04	20.70

【LTE Band 4_Ant 6_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	25.29	25.32	25.22	25.70
20	QPSK	1	49	25.20	25.24	25.11	25.70
20	QPSK	1	99	25.18	25.23	25.06	25.70
20	QPSK	50	0	24.16	24.25	24.08	24.70
20	QPSK	50	24	24.14	24.19	24.00	24.70
20	QPSK	50	50	23.98	24.14	23.94	24.70
20	QPSK	100	0	24.18	24.27	24.05	24.70
20	16QAM	1	0	24.11	24.23	24.05	24.70
20	16QAM	1	49	24.08	24.23	24.02	24.70
20	16QAM	1	99	23.98	24.11	23.97	24.70
20	16QAM	50	0	23.08	23.24	23.14	23.70
20	16QAM	50	24	23.10	23.17	23.02	23.70
20	16QAM	50	50	23.11	23.23	23.13	23.70
20	16QAM	100	0	23.08	23.26	23.03	23.70
20	64QAM	1	0	23.26	23.41	23.30	23.70
20	64QAM	1	49	23.14	23.29	23.11	23.70
20	64QAM	1	99	23.23	23.30	23.13	23.70
20	64QAM	50	0	22.11	22.18	21.95	22.70
20	64QAM	50	24	21.94	22.09	21.94	22.70
20	64QAM	50	50	22.05	22.12	21.97	22.70
20	64QAM	100	0	22.13	22.27	22.13	22.70
20	256QAM	1	0	20.06	20.23	20.09	20.70
20	256QAM	1	49	20.01	20.11	19.94	20.70
20	256QAM	1	99	20.02	20.14	19.94	20.70
20	256QAM	50	0	20.03	20.19	19.97	20.70
20	256QAM	50	24	20.08	20.18	19.97	20.70
20	256QAM	50	50	20.00	20.15	20.01	20.70
20	256QAM	100	0	20.25	20.30	20.17	20.70
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	25.25	25.28	25.11	25.70
15	QPSK	1	37	25.06	25.21	25.00	25.70
15	QPSK	1	74	25.16	25.22	24.92	25.70
15	QPSK	36	0	24.05	24.23	24.06	24.70
15	QPSK	36	20	24.07	24.12	23.85	24.70

15	QPSK	36	39	23.96	24.07	23.85	24.70
15	QPSK	75	0	24.14	24.18	23.97	24.70
15	16QAM	1	0	24.01	24.11	23.99	24.70
15	16QAM	1	37	24.07	24.12	23.92	24.70
15	16QAM	1	74	23.92	23.97	23.94	24.70
15	16QAM	36	0	22.97	23.12	23.03	23.70
15	16QAM	36	20	23.06	23.14	22.98	23.70
15	16QAM	36	39	23.08	23.14	23.05	23.70
15	16QAM	75	0	23.04	23.21	22.93	23.70
15	64QAM	1	0	23.12	23.26	23.25	23.70
15	64QAM	1	37	23.10	23.23	23.09	23.70
15	64QAM	1	74	23.20	23.22	23.02	23.70
15	64QAM	36	0	22.07	22.12	21.86	22.70
15	64QAM	36	20	21.85	21.95	21.87	22.70
15	64QAM	36	39	22.03	22.08	21.95	22.70
15	64QAM	75	0	22.12	22.18	22.06	22.70
15	256QAM	1	0	19.95	20.18	19.97	20.70
15	256QAM	1	37	19.91	19.96	19.83	20.70
15	256QAM	1	74	19.91	20.13	19.91	20.70
15	256QAM	36	0	20.00	20.12	19.95	20.70
15	256QAM	36	20	20.00	20.08	19.90	20.70
15	256QAM	36	39	19.89	20.01	19.93	20.70
15	256QAM	75	0	20.21	20.27	20.05	20.70
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	25.19	25.31	25.19	25.70
10	QPSK	1	25	25.09	25.17	25.01	25.70
10	QPSK	1	49	25.04	25.09	25.04	25.70
10	QPSK	25	0	24.02	24.20	23.94	24.70
10	QPSK	25	12	24.06	24.16	23.88	24.70
10	QPSK	25	25	23.89	24.10	23.82	24.70
10	QPSK	50	0	24.16	24.16	23.95	24.70
10	16QAM	1	0	24.07	24.15	24.03	24.70
10	16QAM	1	25	23.98	24.18	23.91	24.70
10	16QAM	1	49	23.88	24.00	23.83	24.70
10	16QAM	25	0	22.96	23.19	23.10	23.70
10	16QAM	25	12	23.08	23.05	22.94	23.70
10	16QAM	25	25	22.97	23.14	22.99	23.70
10	16QAM	50	0	22.95	23.17	22.97	23.70
10	64QAM	1	0	23.16	23.29	23.24	23.70
10	64QAM	1	25	23.09	23.22	23.05	23.70
10	64QAM	1	49	23.18	23.20	23.02	23.70
10	64QAM	25	0	22.04	22.12	21.86	22.70
10	64QAM	25	12	21.85	21.97	21.82	22.70
10	64QAM	25	25	21.94	22.00	21.95	22.70
10	64QAM	50	0	22.10	22.19	22.06	22.70
10	256QAM	1	0	19.97	20.11	20.03	20.70
10	256QAM	1	25	19.90	20.06	19.80	20.70
10	256QAM	1	49	19.96	20.04	19.81	20.70
10	256QAM	25	0	20.02	20.15	19.93	20.70
10	256QAM	25	12	19.96	20.11	19.89	20.70
10	256QAM	25	25	19.94	20.04	19.97	20.70
10	256QAM	50	0	20.15	20.23	20.13	20.70
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	25.28	25.25	25.14	25.70
5	QPSK	1	12	25.08	25.22	25.00	25.70
5	QPSK	1	24	25.06	25.21	24.92	25.70
5	QPSK	12	0	24.03	24.12	23.96	24.70
5	QPSK	12	7	24.02	24.11	23.94	24.70
5	QPSK	12	13	23.89	24.09	23.84	24.70
5	QPSK	25	0	24.14	24.21	24.01	24.70
5	16QAM	1	0	24.05	24.15	23.96	24.70
5	16QAM	1	12	24.00	24.13	23.88	24.70
5	16QAM	1	24	23.94	24.01	23.84	24.70
5	16QAM	12	0	22.95	23.23	23.07	23.70
5	16QAM	12	7	23.06	23.08	22.93	23.70
5	16QAM	12	13	22.99	23.22	23.02	23.70
5	16QAM	25	0	22.96	23.25	22.93	23.70
5	64QAM	1	0	23.23	23.34	23.19	23.70
5	64QAM	1	12	23.05	23.22	23.05	23.70
5	64QAM	1	24	23.11	23.28	23.05	23.70
5	64QAM	12	0	22.08	22.03	21.87	22.70
5	64QAM	12	7	21.87	22.03	21.88	22.70
5	64QAM	12	13	22.02	22.00	21.91	22.70
5	64QAM	25	0	22.07	22.16	22.04	22.70
5	256QAM	1	0	19.97	20.17	20.00	20.70
5	256QAM	1	12	19.95	20.01	19.84	20.70

5	256QAM	1	24	19.98	20.04	19.79	20.70
5	256QAM	12	0	20.01	20.10	19.83	20.70
5	256QAM	12	7	20.03	20.13	19.94	20.70
5	256QAM	12	13	19.91	20.11	19.96	20.70
5	256QAM	25	0	20.14	20.23	20.06	20.70
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	25.23	25.17	25.20	25.70
3	QPSK	1	8	25.18	25.11	24.96	25.70
3	QPSK	1	14	25.07	25.09	24.96	25.70
3	QPSK	8	0	24.08	24.17	24.00	24.70
3	QPSK	8	4	24.06	24.06	23.94	24.70
3	QPSK	8	7	23.94	24.01	23.92	24.70
3	QPSK	15	0	24.05	24.16	23.96	24.70
3	16QAM	1	0	24.07	24.14	24.01	24.70
3	16QAM	1	8	23.97	24.19	23.91	24.70
3	16QAM	1	14	23.87	24.03	23.86	24.70
3	16QAM	8	0	22.94	23.12	23.12	23.70
3	16QAM	8	4	22.98	23.06	22.90	23.70
3	16QAM	8	7	23.05	23.19	23.02	23.70
3	16QAM	15	0	22.99	23.13	22.90	23.70
3	64QAM	1	0	23.15	23.31	23.26	23.70
3	64QAM	1	8	22.99	23.18	23.02	23.70
3	64QAM	1	14	23.13	23.17	23.07	23.70
3	64QAM	8	0	22.08	22.04	21.93	22.70
3	64QAM	8	4	21.89	22.06	21.89	22.70
3	64QAM	8	7	21.95	21.97	21.90	22.70
3	64QAM	15	0	22.05	22.20	22.03	22.70
3	256QAM	1	0	19.94	20.11	20.06	20.70
3	256QAM	1	8	19.87	20.05	19.85	20.70
3	256QAM	1	14	19.95	20.05	19.82	20.70
3	256QAM	8	0	19.91	20.14	19.89	20.70
3	256QAM	8	4	20.02	20.09	19.93	20.70
3	256QAM	8	7	19.92	20.04	19.90	20.70
3	256QAM	15	0	20.10	20.27	20.14	20.70
Channel				19957	20175	20393	Tune-up limit
Frequency (MHz)				1710.7	1732.5	1754.3	(dBm)
1.4	QPSK	1	0	25.27	25.30	25.10	25.70
1.4	QPSK	1	3	25.16	25.15	24.98	25.70
1.4	QPSK	1	5	25.03	25.20	24.97	25.70
1.4	QPSK	3	0	25.11	25.22	25.02	25.70
1.4	QPSK	3	1	25.09	25.07	24.98	25.70
1.4	QPSK	3	3	24.86	25.12	24.86	25.70
1.4	QPSK	6	0	24.13	24.23	23.90	24.70
1.4	16QAM	1	0	24.03	24.10	23.96	24.70
1.4	16QAM	1	3	24.01	24.17	24.01	24.70
1.4	16QAM	1	5	23.84	24.00	23.87	24.70
1.4	16QAM	3	0	24.05	24.19	24.03	24.70
1.4	16QAM	3	1	24.01	24.11	23.96	24.70
1.4	16QAM	3	3	24.02	24.22	24.06	24.70
1.4	16QAM	6	0	23.05	23.15	22.91	23.70
1.4	64QAM	1	0	23.13	23.34	23.25	23.70
1.4	64QAM	1	3	22.99	23.16	22.97	23.70
1.4	64QAM	1	5	23.18	23.20	23.01	23.70
1.4	64QAM	3	0	22.96	23.14	22.91	23.70
1.4	64QAM	3	1	22.83	23.07	22.81	23.70
1.4	64QAM	3	3	22.99	23.07	22.90	23.70
1.4	64QAM	6	0	22.00	22.16	21.98	22.70
1.4	256QAM	1	0	20.03	20.08	20.02	20.70
1.4	256QAM	1	3	19.92	20.09	19.86	20.70
1.4	256QAM	1	5	19.95	20.02	19.89	20.70
1.4	256QAM	3	0	19.92	20.15	19.94	20.70
1.4	256QAM	3	1	20.05	20.05	19.92	20.70
1.4	256QAM	3	3	19.95	20.08	19.86	20.70
1.4	256QAM	6	0	20.14	20.22	20.04	20.70

【LTE Band 4_Ant 6_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	Tune-up limit (dBm)
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	20.31	20.34	20.29	20.70
20	QPSK	1	49	20.31	20.30	20.26	20.70
20	QPSK	1	99	20.28	20.31	20.27	20.70
20	QPSK	50	0	20.31	20.32	20.31	20.70
20	QPSK	50	24	20.28	20.31	20.29	20.70
20	QPSK	50	50	20.27	20.26	20.28	20.70
20	QPSK	100	0	20.21	20.24	20.22	20.70
20	16QAM	1	0	20.36	20.38	20.32	20.70
20	16QAM	1	49	20.26	20.26	20.30	20.70
20	16QAM	1	99	20.37	20.36	20.26	20.70
20	16QAM	50	0	20.38	20.35	20.36	20.70
20	16QAM	50	24	20.27	20.27	20.29	20.70
20	16QAM	50	50	20.32	20.33	20.37	20.70
20	16QAM	100	0	20.34	20.33	20.35	20.70
20	64QAM	1	0	20.37	20.37	20.28	20.70
20	64QAM	1	49	20.38	20.30	20.27	20.70
20	64QAM	1	99	20.28	20.35	20.31	20.70
20	64QAM	50	0	20.28	20.32	20.37	20.70
20	64QAM	50	24	20.33	20.34	20.30	20.70
20	64QAM	50	50	20.31	20.35	20.37	20.70
20	64QAM	100	0	20.28	20.33	20.30	20.70
20	256QAM	1	0	20.06	20.23	20.09	20.70
20	256QAM	1	49	20.01	20.11	19.94	20.70
20	256QAM	1	99	20.02	20.14	19.94	20.70
20	256QAM	50	0	20.03	20.19	19.97	20.70
20	256QAM	50	24	20.08	20.18	19.97	20.70
20	256QAM	50	50	20.00	20.15	20.01	20.70
20	256QAM	100	0	20.25	20.30	20.17	20.70
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	20.21	20.28	20.26	20.70
15	QPSK	1	37	20.30	20.28	20.14	20.70
15	QPSK	1	74	20.17	20.26	20.13	20.70
15	QPSK	36	0	20.24	20.26	20.23	20.70
15	QPSK	36	20	20.15	20.18	20.27	20.70
15	QPSK	36	39	20.21	20.22	20.23	20.70
15	QPSK	75	0	20.17	20.18	20.11	20.70
15	16QAM	1	0	20.29	20.25	20.21	20.70
15	16QAM	1	37	20.19	20.14	20.15	20.70
15	16QAM	1	74	20.25	20.32	20.18	20.70
15	16QAM	36	0	20.34	20.28	20.24	20.70
15	16QAM	36	20	20.15	20.23	20.26	20.70
15	16QAM	36	39	20.18	20.28	20.26	20.70
15	16QAM	75	0	20.25	20.27	20.31	20.70
15	64QAM	1	0	20.34	20.31	20.26	20.70
15	64QAM	1	37	20.33	20.18	20.22	20.70
15	64QAM	1	74	20.25	20.28	20.21	20.70
15	64QAM	36	0	20.26	20.30	20.24	20.70
15	64QAM	36	20	20.25	20.20	20.22	20.70
15	64QAM	36	39	20.17	20.29	20.35	20.70
15	64QAM	75	0	20.26	20.19	20.28	20.70
15	256QAM	1	0	19.94	20.09	20.08	20.70
15	256QAM	1	37	19.87	20.01	19.85	20.70
15	256QAM	1	74	19.99	20.04	19.91	20.70
15	256QAM	36	0	20.02	20.04	19.93	20.70
15	256QAM	36	20	19.93	20.07	19.92	20.70
15	256QAM	36	39	19.98	20.11	19.89	20.70
15	256QAM	75	0	20.13	20.15	20.05	20.70
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	20.28	20.28	20.23	20.70
10	QPSK	1	25	20.18	20.22	20.16	20.70
10	QPSK	1	49	20.25	20.29	20.17	20.70
10	QPSK	25	0	20.25	20.23	20.23	20.70
10	QPSK	25	12	20.22	20.29	20.21	20.70
10	QPSK	25	25	20.22	20.15	20.16	20.70
10	QPSK	50	0	20.09	20.16	20.11	20.70
10	16QAM	1	0	20.22	20.27	20.29	20.70
10	16QAM	1	25	20.13	20.16	20.20	20.70

10	16QAM	1	49	20.36	20.25	20.15	20.70
10	16QAM	25	0	20.25	20.28	20.34	20.70
10	16QAM	25	12	20.20	20.19	20.22	20.70
10	16QAM	25	25	20.18	20.25	20.28	20.70
10	16QAM	50	0	20.21	20.29	20.23	20.70
10	64QAM	1	0	20.25	20.34	20.23	20.70
10	64QAM	1	25	20.35	20.15	20.17	20.70
10	64QAM	1	49	20.14	20.30	20.17	20.70
10	64QAM	25	0	20.18	20.26	20.22	20.70
10	64QAM	25	12	20.31	20.24	20.20	20.70
10	64QAM	25	25	20.19	20.29	20.30	20.70
10	64QAM	50	0	20.17	20.23	20.21	20.70
10	256QAM	1	0	19.93	20.09	19.99	20.70
10	256QAM	1	25	19.98	20.08	19.89	20.70
10	256QAM	1	49	19.89	20.04	19.80	20.70
10	256QAM	25	0	19.88	20.06	19.91	20.70
10	256QAM	25	12	20.04	20.14	19.90	20.70
10	256QAM	25	25	19.98	20.09	19.93	20.70
10	256QAM	50	0	20.22	20.18	20.13	20.70
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	20.27	20.29	20.22	20.70
5	QPSK	1	12	20.21	20.18	20.12	20.70
5	QPSK	1	24	20.26	20.18	20.26	20.70
5	QPSK	12	0	20.24	20.20	20.26	20.70
5	QPSK	12	7	20.21	20.22	20.21	20.70
5	QPSK	12	13	20.13	20.16	20.23	20.70
5	QPSK	25	0	20.09	20.16	20.20	20.70
5	16QAM	1	0	20.25	20.31	20.24	20.70
5	16QAM	1	12	20.18	20.14	20.19	20.70
5	16QAM	1	24	20.26	20.35	20.16	20.70
5	16QAM	12	0	20.35	20.33	20.23	20.70
5	16QAM	12	7	20.20	20.20	20.23	20.70
5	16QAM	12	13	20.31	20.25	20.26	20.70
5	16QAM	25	0	20.29	20.24	20.27	20.70
5	64QAM	1	0	20.26	20.31	20.22	20.70
5	64QAM	1	12	20.23	20.25	20.14	20.70
5	64QAM	1	24	20.16	20.23	20.27	20.70
5	64QAM	12	0	20.20	20.28	20.29	20.70
5	64QAM	12	7	20.25	20.23	20.18	20.70
5	64QAM	12	13	20.22	20.27	20.30	20.70
5	64QAM	25	0	20.23	20.23	20.21	20.70
5	256QAM	1	0	20.01	20.10	20.03	20.70
5	256QAM	1	12	19.98	20.00	19.85	20.70
5	256QAM	1	24	19.90	20.10	19.87	20.70
5	256QAM	12	0	19.97	20.07	19.87	20.70
5	256QAM	12	7	19.98	20.14	19.94	20.70
5	256QAM	12	13	19.97	20.12	19.98	20.70
5	256QAM	25	0	20.14	20.25	20.13	20.70
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	20.23	20.27	20.16	20.70
3	QPSK	1	8	20.22	20.25	20.22	20.70
3	QPSK	1	14	20.13	20.17	20.18	20.70
3	QPSK	8	0	20.27	20.23	20.26	20.70
3	QPSK	8	4	20.26	20.17	20.26	20.70
3	QPSK	8	7	20.19	20.11	20.17	20.70
3	QPSK	15	0	20.07	20.21	20.09	20.70
3	16QAM	1	0	20.21	20.34	20.26	20.70
3	16QAM	1	8	20.24	20.21	20.29	20.70
3	16QAM	1	14	20.32	20.27	20.22	20.70
3	16QAM	8	0	20.30	20.28	20.27	20.70
3	16QAM	8	4	20.12	20.26	20.20	20.70
3	16QAM	8	7	20.31	20.28	20.30	20.70
3	16QAM	15	0	20.32	20.21	20.27	20.70
3	64QAM	1	0	20.31	20.29	20.17	20.70
3	64QAM	1	8	20.32	20.25	20.15	20.70
3	64QAM	1	14	20.22	20.33	20.30	20.70
3	64QAM	8	0	20.19	20.17	20.22	20.70
3	64QAM	8	4	20.31	20.23	20.27	20.70
3	64QAM	8	7	20.20	20.23	20.30	20.70
3	64QAM	15	0	20.15	20.25	20.18	20.70
3	256QAM	1	0	19.98	20.15	20.06	20.70
3	256QAM	1	8	19.97	20.03	19.87	20.70
3	256QAM	1	14	20.00	20.04	19.81	20.70
3	256QAM	8	0	19.95	20.16	19.88	20.70
3	256QAM	8	4	19.95	20.06	19.86	20.70
3	256QAM	8	7	19.96	20.06	19.91	20.70

3	256QAM	15	0	20.20	20.15	20.04	20.70
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	20.16	20.29	20.25	20.70
1.4	QPSK	1	3	20.27	20.19	20.24	20.70
1.4	QPSK	1	5	20.19	20.21	20.18	20.70
1.4	QPSK	3	0	20.23	20.18	20.18	20.70
1.4	QPSK	3	1	20.25	20.24	20.24	20.70
1.4	QPSK	3	3	20.22	20.16	20.24	20.70
1.4	QPSK	6	0	20.19	20.17	20.12	20.70
1.4	16QAM	1	0	20.23	20.37	20.27	20.70
1.4	16QAM	1	3	20.12	20.11	20.26	20.70
1.4	16QAM	1	5	20.25	20.25	20.23	20.70
1.4	16QAM	3	0	20.36	20.29	20.31	20.70
1.4	16QAM	3	1	20.20	20.23	20.25	20.70
1.4	16QAM	3	3	20.18	20.20	20.27	20.70
1.4	16QAM	6	0	20.30	20.25	20.22	20.70
1.4	64QAM	1	0	20.29	20.26	20.22	20.70
1.4	64QAM	1	3	20.27	20.20	20.19	20.70
1.4	64QAM	1	5	20.19	20.22	20.25	20.70
1.4	64QAM	3	0	20.15	20.31	20.33	20.70
1.4	64QAM	3	1	20.21	20.20	20.22	20.70
1.4	64QAM	3	3	20.23	20.21	20.28	20.70
1.4	64QAM	6	0	20.18	20.26	20.20	20.70
1.4	256QAM	1	0	20.04	20.15	20.06	20.70
1.4	256QAM	1	3	19.96	20.02	19.89	20.70
1.4	256QAM	1	5	20.00	20.12	19.81	20.70
1.4	256QAM	3	0	19.96	20.09	19.86	20.70
1.4	256QAM	3	1	20.00	20.12	19.89	20.70
1.4	256QAM	3	3	19.94	20.08	19.96	20.70
1.4	256QAM	6	0	20.11	20.29	20.08	20.70

【LTE Band 4_Ant 6_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	24.85	24.86	24.81	25.20
20	QPSK	1	49	24.78	24.80	24.79	25.20
20	QPSK	1	99	24.81	24.81	24.78	25.20
20	QPSK	50	0	24.16	24.25	24.08	24.70
20	QPSK	50	24	24.14	24.19	24.00	24.70
20	QPSK	50	50	23.98	24.14	23.94	24.70
20	QPSK	100	0	24.18	24.27	24.05	24.70
20	16QAM	1	0	24.11	24.23	24.05	24.70
20	16QAM	1	49	24.08	24.23	24.02	24.70
20	16QAM	1	99	23.98	24.11	23.97	24.70
20	16QAM	50	0	23.08	23.24	23.14	23.70
20	16QAM	50	24	23.10	23.17	23.02	23.70
20	16QAM	50	50	23.11	23.23	23.13	23.70
20	16QAM	100	0	23.08	23.26	23.03	23.70
20	64QAM	1	0	23.26	23.41	23.30	23.70
20	64QAM	1	49	23.14	23.29	23.11	23.70
20	64QAM	1	99	23.23	23.30	23.13	23.70
20	64QAM	50	0	22.11	22.18	21.95	22.70
20	64QAM	50	24	21.94	22.09	21.94	22.70
20	64QAM	50	50	22.05	22.12	21.97	22.70
20	64QAM	100	0	22.13	22.27	22.13	22.70
20	256QAM	1	0	20.06	20.23	20.09	20.70
20	256QAM	1	49	20.01	20.11	19.94	20.70
20	256QAM	1	99	20.02	20.14	19.94	20.70
20	256QAM	50	0	20.03	20.19	19.97	20.70
20	256QAM	50	24	20.08	20.18	19.97	20.70
20	256QAM	50	50	20.00	20.15	20.01	20.70
20	256QAM	100	0	20.25	20.30	20.17	20.70
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	24.76	24.74	24.67	25.20
15	QPSK	1	37	24.69	24.78	24.77	25.20
15	QPSK	1	74	24.75	24.80	24.86	25.20
15	QPSK	36	0	24.09	24.18	23.95	24.70
15	QPSK	36	20	24.11	24.13	23.89	24.70

15	QPSK	36	39	23.91	24.06	23.89	24.70
15	QPSK	75	0	24.07	24.24	23.93	24.70
15	16QAM	1	0	23.96	24.18	23.98	24.70
15	16QAM	1	37	23.95	24.19	23.90	24.70
15	16QAM	1	74	23.95	24.05	23.91	24.70
15	16QAM	36	0	23.04	23.18	23.12	23.70
15	16QAM	36	20	23.06	23.10	22.99	23.70
15	16QAM	36	39	23.05	23.12	23.04	23.70
15	16QAM	75	0	22.93	23.21	22.99	23.70
15	64QAM	1	0	23.19	23.37	23.27	23.70
15	64QAM	1	37	23.02	23.23	23.06	23.70
15	64QAM	1	74	23.12	23.19	23.04	23.70
15	64QAM	36	0	22.04	22.17	21.84	22.70
15	64QAM	36	20	21.90	21.98	21.88	22.70
15	64QAM	36	39	21.91	22.08	21.92	22.70
15	64QAM	75	0	22.02	22.16	22.09	22.70
15	256QAM	1	0	19.96	20.19	20.02	20.70
15	256QAM	1	37	19.92	19.97	19.86	20.70
15	256QAM	1	74	19.95	20.06	19.83	20.70
15	256QAM	36	0	19.94	20.13	19.85	20.70
15	256QAM	36	20	20.03	20.07	19.84	20.70
15	256QAM	36	39	19.99	20.14	19.97	20.70
15	256QAM	75	0	20.20	20.18	20.13	20.70
Channel				20000	20175	20350	Tune-up limit
Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	24.78	24.76	24.78	25.20
10	QPSK	1	25	24.75	24.76	24.68	25.20
10	QPSK	1	49	24.71	24.76	24.83	25.20
10	QPSK	25	0	24.02	24.22	24.03	24.70
10	QPSK	25	12	24.09	24.08	23.87	24.70
10	QPSK	25	25	23.91	24.01	23.84	24.70
10	QPSK	50	0	24.11	24.22	24.03	24.70
10	16QAM	1	0	24.02	24.12	23.92	24.70
10	16QAM	1	25	23.94	24.20	23.92	24.70
10	16QAM	1	49	23.83	24.02	23.90	24.70
10	16QAM	25	0	23.05	23.15	23.12	23.70
10	16QAM	25	12	22.97	23.05	23.01	23.70
10	16QAM	25	25	23.05	23.21	23.11	23.70
10	16QAM	50	0	22.96	23.22	22.97	23.70
10	64QAM	1	0	23.14	23.28	23.22	23.70
10	64QAM	1	25	23.02	23.21	23.01	23.70
10	64QAM	1	49	23.21	23.27	23.04	23.70
10	64QAM	25	0	22.07	22.08	21.88	22.70
10	64QAM	25	12	21.90	21.96	21.93	22.70
10	64QAM	25	25	21.92	21.99	21.89	22.70
10	64QAM	50	0	22.01	22.14	22.02	22.70
10	256QAM	1	0	20.04	20.16	20.01	20.70
10	256QAM	1	25	19.99	20.04	19.84	20.70
10	256QAM	1	49	20.00	20.02	19.88	20.70
10	256QAM	25	0	19.96	20.12	19.91	20.70
10	256QAM	25	12	20.02	20.16	19.94	20.70
10	256QAM	25	25	19.95	20.01	19.98	20.70
10	256QAM	50	0	20.23	20.25	20.03	20.70
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	24.75	24.78	24.75	25.20
5	QPSK	1	12	24.68	24.74	24.70	25.20
5	QPSK	1	24	24.68	24.79	24.78	25.20
5	QPSK	12	0	24.03	24.14	24.05	24.70
5	QPSK	12	7	24.00	24.16	23.89	24.70
5	QPSK	12	13	23.87	24.06	23.92	24.70
5	QPSK	25	0	24.05	24.18	23.91	24.70
5	16QAM	1	0	24.01	24.13	23.94	24.70
5	16QAM	1	12	24.05	24.19	23.87	24.70
5	16QAM	1	24	23.91	24.01	23.93	24.70
5	16QAM	12	0	22.97	23.13	23.05	23.70
5	16QAM	12	7	23.02	23.13	22.95	23.70
5	16QAM	12	13	23.04	23.20	23.02	23.70
5	16QAM	25	0	23.05	23.18	22.88	23.70
5	64QAM	1	0	23.15	23.38	23.20	23.70
5	64QAM	1	12	23.02	23.14	23.04	23.70
5	64QAM	1	24	23.10	23.21	23.08	23.70
5	64QAM	12	0	22.05	22.09	21.87	22.70
5	64QAM	12	7	21.83	21.98	21.90	22.70
5	64QAM	12	13	21.97	21.98	21.85	22.70
5	64QAM	25	0	22.11	22.15	22.12	22.70
5	256QAM	1	0	20.02	20.21	19.99	20.70
5	256QAM	1	12	19.87	19.98	19.80	20.70

5	256QAM	1	24	19.91	20.06	19.82	20.70
5	256QAM	12	0	19.91	20.17	19.91	20.70
5	256QAM	12	7	20.05	20.15	19.86	20.70
5	256QAM	12	13	19.91	20.08	19.86	20.70
5	256QAM	25	0	20.21	20.15	20.11	20.70
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	24.85	24.78	24.77	25.20
3	QPSK	1	8	24.70	24.70	24.72	25.20
3	QPSK	1	14	24.70	24.69	24.82	25.20
3	QPSK	8	0	24.06	24.23	23.95	24.70
3	QPSK	8	4	24.12	24.12	23.93	24.70
3	QPSK	8	7	23.84	24.04	23.86	24.70
3	QPSK	15	0	24.15	24.22	23.96	24.70
3	16QAM	1	0	24.00	24.13	23.94	24.70
3	16QAM	1	8	23.99	24.18	23.96	24.70
3	16QAM	1	14	23.89	24.05	23.87	24.70
3	16QAM	8	0	22.94	23.21	23.10	23.70
3	16QAM	8	4	22.97	23.09	22.92	23.70
3	16QAM	8	7	23.00	23.10	23.10	23.70
3	16QAM	15	0	23.02	23.13	22.98	23.70
3	64QAM	1	0	23.24	23.39	23.20	23.70
3	64QAM	1	8	23.10	23.16	23.01	23.70
3	64QAM	1	14	23.13	23.28	23.03	23.70
3	64QAM	8	0	22.09	22.17	21.87	22.70
3	64QAM	8	4	21.83	21.98	21.89	22.70
3	64QAM	8	7	22.04	22.05	21.84	22.70
3	64QAM	15	0	22.10	22.22	22.03	22.70
3	256QAM	1	0	19.96	20.16	20.02	20.70
3	256QAM	1	8	19.98	20.06	19.87	20.70
3	256QAM	1	14	19.87	20.01	19.89	20.70
3	256QAM	8	0	19.99	20.07	19.87	20.70
3	256QAM	8	4	19.95	20.12	19.92	20.70
3	256QAM	8	7	19.93	20.06	19.87	20.70
3	256QAM	15	0	20.13	20.21	20.15	20.70
Channel				19957	20175	20393	Tune-up limit
Frequency (MHz)				1710.7	1732.5	1754.3	(dBm)
1.4	QPSK	1	0	24.77	24.73	24.72	25.20
1.4	QPSK	1	3	24.64	24.74	24.64	25.20
1.4	QPSK	1	5	24.72	24.67	24.86	25.20
1.4	QPSK	3	0	24.52	24.60	24.46	25.20
1.4	QPSK	3	1	24.58	24.61	24.45	25.20
1.4	QPSK	3	3	24.46	24.55	24.36	25.20
1.4	QPSK	6	0	24.10	24.14	23.91	24.70
1.4	16QAM	1	0	23.97	24.13	23.97	24.70
1.4	16QAM	1	3	23.94	24.19	23.98	24.70
1.4	16QAM	1	5	23.91	24.02	23.82	24.70
1.4	16QAM	3	0	23.93	24.09	23.99	24.70
1.4	16QAM	3	1	23.96	24.07	23.99	24.70
1.4	16QAM	3	3	24.07	24.08	24.01	24.70
1.4	16QAM	6	0	23.01	23.15	22.89	23.70
1.4	64QAM	1	0	23.23	23.34	23.24	23.70
1.4	64QAM	1	3	23.13	23.26	23.08	23.70
1.4	64QAM	1	5	23.14	23.17	22.99	23.70
1.4	64QAM	3	0	23.10	23.13	22.82	23.70
1.4	64QAM	3	1	22.90	22.98	22.91	23.70
1.4	64QAM	3	3	23.02	23.00	22.83	23.70
1.4	64QAM	6	0	22.09	22.13	22.01	22.70
1.4	256QAM	1	0	20.02	20.19	19.96	20.70
1.4	256QAM	1	3	19.96	19.99	19.84	20.70
1.4	256QAM	1	5	19.99	20.00	19.91	20.70
1.4	256QAM	3	0	19.94	20.06	19.93	20.70
1.4	256QAM	3	1	20.00	20.05	19.88	20.70
1.4	256QAM	3	3	19.94	20.03	19.90	20.70
1.4	256QAM	6	0	20.13	20.23	20.11	20.70

【LTE Band 4_Ant 6_DSI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	Tune-up limit (dBm)
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	20.31	20.34	20.29	20.70
20	QPSK	1	49	20.31	20.30	20.26	20.70
20	QPSK	1	99	20.28	20.31	20.27	20.70
20	QPSK	50	0	20.31	20.32	20.31	20.70
20	QPSK	50	24	20.28	20.31	20.29	20.70
20	QPSK	50	50	20.27	20.26	20.28	20.70
20	QPSK	100	0	20.21	20.24	20.22	20.70
20	16QAM	1	0	20.36	20.38	20.32	20.70
20	16QAM	1	49	20.26	20.26	20.30	20.70
20	16QAM	1	99	20.37	20.36	20.26	20.70
20	16QAM	50	0	20.38	20.35	20.36	20.70
20	16QAM	50	24	20.27	20.27	20.29	20.70
20	16QAM	50	50	20.32	20.33	20.37	20.70
20	16QAM	100	0	20.34	20.33	20.35	20.70
20	64QAM	1	0	20.37	20.37	20.28	20.70
20	64QAM	1	49	20.38	20.30	20.27	20.70
20	64QAM	1	99	20.28	20.35	20.31	20.70
20	64QAM	50	0	20.28	20.32	20.37	20.70
20	64QAM	50	24	20.33	20.34	20.30	20.70
20	64QAM	50	50	20.31	20.35	20.37	20.70
20	64QAM	100	0	20.28	20.33	20.30	20.70
20	256QAM	1	0	20.06	20.23	20.09	20.70
20	256QAM	1	49	20.01	20.11	19.94	20.70
20	256QAM	1	99	20.02	20.14	19.94	20.70
20	256QAM	50	0	20.03	20.19	19.97	20.70
20	256QAM	50	24	20.08	20.18	19.97	20.70
20	256QAM	50	50	20.00	20.15	20.01	20.70
20	256QAM	100	0	20.25	20.30	20.17	20.70
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	20.21	20.28	20.26	20.70
15	QPSK	1	37	20.30	20.28	20.14	20.70
15	QPSK	1	74	20.17	20.26	20.13	20.70
15	QPSK	36	0	20.24	20.26	20.23	20.70
15	QPSK	36	20	20.15	20.18	20.27	20.70
15	QPSK	36	39	20.21	20.22	20.23	20.70
15	QPSK	75	0	20.17	20.18	20.11	20.70
15	16QAM	1	0	20.29	20.25	20.21	20.70
15	16QAM	1	37	20.19	20.14	20.15	20.70
15	16QAM	1	74	20.25	20.32	20.18	20.70
15	16QAM	36	0	20.34	20.28	20.24	20.70
15	16QAM	36	20	20.15	20.23	20.26	20.70
15	16QAM	36	39	20.18	20.28	20.26	20.70
15	16QAM	75	0	20.25	20.27	20.31	20.70
15	64QAM	1	0	20.34	20.31	20.26	20.70
15	64QAM	1	37	20.33	20.18	20.22	20.70
15	64QAM	1	74	20.25	20.28	20.21	20.70
15	64QAM	36	0	20.26	20.30	20.24	20.70
15	64QAM	36	20	20.25	20.20	20.22	20.70
15	64QAM	36	39	20.17	20.29	20.35	20.70
15	64QAM	75	0	20.26	20.19	20.28	20.70
15	256QAM	1	0	19.94	20.09	20.08	20.70
15	256QAM	1	37	19.87	20.01	19.85	20.70
15	256QAM	1	74	19.99	20.04	19.91	20.70
15	256QAM	36	0	20.02	20.04	19.93	20.70
15	256QAM	36	20	19.93	20.07	19.92	20.70
15	256QAM	36	39	19.98	20.11	19.89	20.70
15	256QAM	75	0	20.13	20.15	20.05	20.70
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	20.28	20.28	20.23	20.70
10	QPSK	1	25	20.18	20.22	20.16	20.70
10	QPSK	1	49	20.25	20.29	20.17	20.70
10	QPSK	25	0	20.25	20.23	20.23	20.70
10	QPSK	25	12	20.22	20.29	20.21	20.70
10	QPSK	25	25	20.22	20.15	20.16	20.70
10	QPSK	50	0	20.09	20.16	20.11	20.70
10	16QAM	1	0	20.22	20.27	20.29	20.70
10	16QAM	1	25	20.13	20.16	20.20	20.70

10	16QAM	1	49	20.36	20.25	20.15	20.70
10	16QAM	25	0	20.25	20.28	20.34	20.70
10	16QAM	25	12	20.20	20.19	20.22	20.70
10	16QAM	25	25	20.18	20.25	20.28	20.70
10	16QAM	50	0	20.21	20.29	20.23	20.70
10	64QAM	1	0	20.25	20.34	20.23	20.70
10	64QAM	1	25	20.35	20.15	20.17	20.70
10	64QAM	1	49	20.14	20.30	20.17	20.70
10	64QAM	25	0	20.18	20.26	20.22	20.70
10	64QAM	25	12	20.31	20.24	20.20	20.70
10	64QAM	25	25	20.19	20.29	20.30	20.70
10	64QAM	50	0	20.17	20.23	20.21	20.70
10	256QAM	1	0	19.93	20.09	19.99	20.70
10	256QAM	1	25	19.98	20.08	19.89	20.70
10	256QAM	1	49	19.89	20.04	19.80	20.70
10	256QAM	25	0	19.88	20.06	19.91	20.70
10	256QAM	25	12	20.04	20.14	19.90	20.70
10	256QAM	25	25	19.98	20.09	19.93	20.70
10	256QAM	50	0	20.22	20.18	20.13	20.70
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	20.27	20.29	20.22	20.70
5	QPSK	1	12	20.21	20.18	20.12	20.70
5	QPSK	1	24	20.26	20.18	20.26	20.70
5	QPSK	12	0	20.24	20.20	20.26	20.70
5	QPSK	12	7	20.21	20.22	20.21	20.70
5	QPSK	12	13	20.13	20.16	20.23	20.70
5	QPSK	25	0	20.09	20.16	20.20	20.70
5	16QAM	1	0	20.25	20.31	20.24	20.70
5	16QAM	1	12	20.18	20.14	20.19	20.70
5	16QAM	1	24	20.26	20.35	20.16	20.70
5	16QAM	12	0	20.35	20.33	20.23	20.70
5	16QAM	12	7	20.20	20.20	20.23	20.70
5	16QAM	12	13	20.31	20.25	20.26	20.70
5	16QAM	25	0	20.29	20.24	20.27	20.70
5	64QAM	1	0	20.26	20.31	20.22	20.70
5	64QAM	1	12	20.23	20.25	20.14	20.70
5	64QAM	1	24	20.16	20.23	20.27	20.70
5	64QAM	12	0	20.20	20.28	20.29	20.70
5	64QAM	12	7	20.25	20.23	20.18	20.70
5	64QAM	12	13	20.22	20.27	20.30	20.70
5	64QAM	25	0	20.23	20.23	20.21	20.70
5	256QAM	1	0	20.01	20.10	20.03	20.70
5	256QAM	1	12	19.98	20.00	19.85	20.70
5	256QAM	1	24	19.90	20.10	19.87	20.70
5	256QAM	12	0	19.97	20.07	19.87	20.70
5	256QAM	12	7	19.98	20.14	19.94	20.70
5	256QAM	12	13	19.97	20.12	19.98	20.70
5	256QAM	25	0	20.14	20.25	20.13	20.70
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	20.23	20.27	20.16	20.70
3	QPSK	1	8	20.22	20.25	20.22	20.70
3	QPSK	1	14	20.13	20.17	20.18	20.70
3	QPSK	8	0	20.27	20.23	20.26	20.70
3	QPSK	8	4	20.26	20.17	20.26	20.70
3	QPSK	8	7	20.19	20.11	20.17	20.70
3	QPSK	15	0	20.07	20.21	20.09	20.70
3	16QAM	1	0	20.21	20.34	20.26	20.70
3	16QAM	1	8	20.24	20.21	20.29	20.70
3	16QAM	1	14	20.32	20.27	20.22	20.70
3	16QAM	8	0	20.30	20.28	20.27	20.70
3	16QAM	8	4	20.12	20.26	20.20	20.70
3	16QAM	8	7	20.31	20.28	20.30	20.70
3	16QAM	15	0	20.32	20.21	20.27	20.70
3	64QAM	1	0	20.31	20.29	20.17	20.70
3	64QAM	1	8	20.32	20.25	20.15	20.70
3	64QAM	1	14	20.22	20.33	20.30	20.70
3	64QAM	8	0	20.19	20.17	20.22	20.70
3	64QAM	8	4	20.31	20.23	20.27	20.70
3	64QAM	8	7	20.20	20.23	20.30	20.70
3	64QAM	15	0	20.15	20.25	20.18	20.70
3	256QAM	1	0	19.98	20.15	20.06	20.70
3	256QAM	1	8	19.97	20.03	19.87	20.70
3	256QAM	1	14	20.00	20.04	19.81	20.70
3	256QAM	8	0	19.95	20.16	19.88	20.70
3	256QAM	8	4	19.95	20.06	19.86	20.70
3	256QAM	8	7	19.96	20.06	19.91	20.70

3	256QAM	15	0	20.20	20.15	20.04	20.70
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	20.16	20.29	20.25	20.70
1.4	QPSK	1	3	20.27	20.19	20.24	20.70
1.4	QPSK	1	5	20.19	20.21	20.18	20.70
1.4	QPSK	3	0	20.23	20.18	20.18	20.70
1.4	QPSK	3	1	20.25	20.24	20.24	20.70
1.4	QPSK	3	3	20.22	20.16	20.24	20.70
1.4	QPSK	6	0	20.19	20.17	20.12	20.70
1.4	16QAM	1	0	20.23	20.37	20.27	20.70
1.4	16QAM	1	3	20.12	20.11	20.26	20.70
1.4	16QAM	1	5	20.25	20.25	20.23	20.70
1.4	16QAM	3	0	20.36	20.29	20.31	20.70
1.4	16QAM	3	1	20.20	20.23	20.25	20.70
1.4	16QAM	3	3	20.18	20.20	20.27	20.70
1.4	16QAM	6	0	20.30	20.25	20.22	20.70
1.4	64QAM	1	0	20.29	20.26	20.22	20.70
1.4	64QAM	1	3	20.27	20.20	20.19	20.70
1.4	64QAM	1	5	20.19	20.22	20.25	20.70
1.4	64QAM	3	0	20.15	20.31	20.33	20.70
1.4	64QAM	3	1	20.21	20.20	20.22	20.70
1.4	64QAM	3	3	20.23	20.21	20.28	20.70
1.4	64QAM	6	0	20.18	20.26	20.20	20.70
1.4	256QAM	1	0	20.04	20.15	20.06	20.70
1.4	256QAM	1	3	19.96	20.02	19.89	20.70
1.4	256QAM	1	5	20.00	20.12	19.81	20.70
1.4	256QAM	3	0	19.96	20.09	19.86	20.70
1.4	256QAM	3	1	20.00	20.12	19.89	20.70
1.4	256QAM	3	3	19.94	20.08	19.96	20.70
1.4	256QAM	6	0	20.11	20.29	20.08	20.70

【LTE Band 4_Ant 7_default】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	24.21	24.27	24.25	25.20
20	QPSK	1	49	24.02	24.15	24.02	25.20
20	QPSK	1	99	24.13	24.23	24.17	25.20
20	QPSK	50	0	23.02	23.17	23.10	24.20
20	QPSK	50	24	23.01	23.10	23.02	24.20
20	QPSK	50	50	22.95	23.08	23.02	24.20
20	QPSK	100	0	23.15	23.22	23.20	24.20
20	16QAM	1	0	23.08	23.19	23.12	24.20
20	16QAM	1	49	23.02	23.14	23.09	24.20
20	16QAM	1	99	23.03	23.18	23.07	24.20
20	16QAM	50	0	22.11	22.28	22.21	23.20
20	16QAM	50	24	22.11	22.22	22.10	23.20
20	16QAM	50	50	22.10	22.16	22.10	23.20
20	16QAM	100	0	22.18	22.29	22.20	23.20
20	64QAM	1	0	22.58	22.71	22.63	23.20
20	64QAM	1	49	22.55	22.65	22.63	23.20
20	64QAM	1	99	22.56	22.66	22.64	23.20
20	64QAM	50	0	21.11	21.26	21.21	22.20
20	64QAM	50	24	21.15	21.23	21.14	22.20
20	64QAM	50	50	21.13	21.24	21.19	22.20
20	64QAM	100	0	21.09	21.25	21.11	22.20
20	256QAM	1	0	19.10	19.19	19.19	20.20
20	256QAM	1	49	18.93	19.09	19.09	20.20
20	256QAM	1	99	19.01	19.08	19.02	20.20
20	256QAM	50	0	19.06	19.12	19.09	20.20
20	256QAM	50	24	19.06	19.21	19.13	20.20
20	256QAM	50	50	19.05	19.16	19.05	20.20
20	256QAM	100	0	19.15	19.23	19.18	20.20
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	24.12	24.13	24.18	25.20
15	QPSK	1	37	23.96	24.06	23.92	25.20
15	QPSK	1	74	24.03	24.21	24.14	25.20
15	QPSK	36	0	22.94	23.03	22.97	24.20
15	QPSK	36	20	22.94	22.98	23.00	24.20

15	QPSK	36	39	22.86	22.99	22.94	24.20
15	QPSK	75	0	23.04	23.11	23.16	24.20
15	16QAM	1	0	23.01	23.09	23.01	24.20
15	16QAM	1	37	22.98	23.02	23.06	24.20
15	16QAM	1	74	22.96	23.07	23.00	24.20
15	16QAM	36	0	22.08	22.18	22.06	23.20
15	16QAM	36	20	22.09	22.08	22.06	23.20
15	16QAM	36	39	22.05	22.14	22.03	23.20
15	16QAM	75	0	22.03	22.21	22.06	23.20
15	64QAM	1	0	22.54	22.59	22.60	23.20
15	64QAM	1	37	22.50	22.60	22.50	23.20
15	64QAM	1	74	22.46	22.59	22.59	23.20
15	64QAM	36	0	20.98	21.25	21.08	22.20
15	64QAM	36	20	21.00	21.21	21.07	22.20
15	64QAM	36	39	21.01	21.18	21.10	22.20
15	64QAM	75	0	21.07	21.12	20.96	22.20
15	256QAM	1	0	19.09	19.09	19.11	20.20
15	256QAM	1	37	18.91	18.98	19.07	20.20
15	256QAM	1	74	18.86	19.00	18.93	20.20
15	256QAM	36	0	19.00	19.02	19.08	20.20
15	256QAM	36	20	19.00	19.17	19.01	20.20
15	256QAM	36	39	18.96	19.06	18.94	20.20
15	256QAM	75	0	19.01	19.08	19.07	20.20
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	24.17	24.14	24.14	25.20
10	QPSK	1	25	23.97	24.05	23.92	25.20
10	QPSK	1	49	24.11	24.10	24.05	25.20
10	QPSK	25	0	22.94	23.15	23.00	24.20
10	QPSK	25	12	22.94	22.97	22.96	24.20
10	QPSK	25	25	22.92	22.94	22.95	24.20
10	QPSK	50	0	23.01	23.11	23.19	24.20
10	16QAM	1	0	22.97	23.04	23.06	24.20
10	16QAM	1	25	22.90	23.05	22.95	24.20
10	16QAM	1	49	23.01	23.10	22.99	24.20
10	16QAM	25	0	21.99	22.26	22.11	23.20
10	16QAM	25	12	21.99	22.08	21.99	23.20
10	16QAM	25	25	22.06	22.14	22.03	23.20
10	16QAM	50	0	22.10	22.26	22.07	23.20
10	64QAM	1	0	22.56	22.67	22.50	23.20
10	64QAM	1	25	22.52	22.61	22.55	23.20
10	64QAM	1	49	22.48	22.56	22.58	23.20
10	64QAM	25	0	21.06	21.14	21.16	22.20
10	64QAM	25	12	21.01	21.16	21.00	22.20
10	64QAM	25	25	21.05	21.16	21.10	22.20
10	64QAM	50	0	20.96	21.22	21.02	22.20
10	256QAM	1	0	18.99	19.15	19.13	20.20
10	256QAM	1	25	18.89	18.96	19.05	20.20
10	256QAM	1	49	18.99	19.06	19.01	20.20
10	256QAM	25	0	18.97	19.06	19.07	20.20
10	256QAM	25	12	18.93	19.07	19.00	20.20
10	256QAM	25	25	19.00	19.09	18.98	20.20
10	256QAM	50	0	19.13	19.20	19.13	20.20
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	24.07	24.12	24.21	25.20
5	QPSK	1	12	23.96	24.10	23.98	25.20
5	QPSK	1	24	24.06	24.22	24.14	25.20
5	QPSK	12	0	22.91	23.13	22.98	24.20
5	QPSK	12	7	22.87	23.06	22.92	24.20
5	QPSK	12	13	22.93	22.95	22.90	24.20
5	QPSK	25	0	23.08	23.08	23.10	24.20
5	16QAM	1	0	22.96	23.14	23.09	24.20
5	16QAM	1	12	22.88	23.09	23.04	24.20
5	16QAM	1	24	22.94	23.10	22.98	24.20
5	16QAM	12	0	22.01	22.19	22.16	23.20
5	16QAM	12	7	22.07	22.15	22.08	23.20
5	16QAM	12	13	22.05	22.13	22.00	23.20
5	16QAM	25	0	22.15	22.19	22.17	23.20
5	64QAM	1	0	22.52	22.65	22.52	23.20
5	64QAM	1	12	22.52	22.52	22.49	23.20
5	64QAM	1	24	22.51	22.55	22.55	23.20
5	64QAM	12	0	21.09	21.13	21.08	22.20
5	64QAM	12	7	21.06	21.15	21.10	22.20
5	64QAM	12	13	21.10	21.10	21.14	22.20
5	64QAM	25	0	20.95	21.23	20.98	22.20
5	256QAM	1	0	18.97	19.04	19.07	20.20
5	256QAM	1	12	18.84	19.01	18.95	20.20

5	256QAM	1	24	18.93	19.06	18.95	20.20
5	256QAM	12	0	18.93	19.06	19.04	20.20
5	256QAM	12	7	18.94	19.10	19.07	20.20
5	256QAM	12	13	18.94	19.01	19.00	20.20
5	256QAM	25	0	19.11	19.11	19.11	20.20
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	24.20	24.23	24.23	25.20
3	QPSK	1	8	24.00	24.03	23.88	25.20
3	QPSK	1	14	24.11	24.14	24.03	25.20
3	QPSK	8	0	22.96	23.15	23.08	24.20
3	QPSK	8	4	22.92	23.01	23.00	24.20
3	QPSK	8	7	22.85	23.07	22.97	24.20
3	QPSK	15	0	23.01	23.09	23.12	24.20
3	16QAM	1	0	22.98	23.07	22.98	24.20
3	16QAM	1	8	22.96	23.08	23.05	24.20
3	16QAM	1	14	22.94	23.07	22.97	24.20
3	16QAM	8	0	22.09	22.23	22.12	23.20
3	16QAM	8	4	22.02	22.20	22.08	23.20
3	16QAM	8	7	22.00	22.06	22.01	23.20
3	16QAM	15	0	22.16	22.15	22.18	23.20
3	64QAM	1	0	22.47	22.69	22.62	23.20
3	64QAM	1	8	22.54	22.54	22.49	23.20
3	64QAM	1	14	22.53	22.56	22.55	23.20
3	64QAM	8	0	21.03	21.16	21.13	22.20
3	64QAM	8	4	21.02	21.18	21.02	22.20
3	64QAM	8	7	21.10	21.11	21.04	22.20
3	64QAM	15	0	21.00	21.24	21.02	22.20
3	256QAM	1	0	18.97	19.04	19.08	20.20
3	256QAM	1	8	18.85	18.96	18.95	20.20
3	256QAM	1	14	18.97	18.97	18.99	20.20
3	256QAM	8	0	19.04	18.99	18.96	20.20
3	256QAM	8	4	19.03	19.16	19.05	20.20
3	256QAM	8	7	18.95	19.05	18.99	20.20
3	256QAM	15	0	19.02	19.13	19.14	20.20
Channel				19957	20175	20393	Tune-up limit
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	24.18	24.19	24.15	25.20
1.4	QPSK	1	3	23.93	24.05	23.95	25.20
1.4	QPSK	1	5	24.04	24.15	24.09	25.20
1.4	QPSK	3	0	24.01	24.12	24.02	25.20
1.4	QPSK	3	1	23.90	24.08	23.95	25.20
1.4	QPSK	3	3	23.90	24.05	23.97	25.20
1.4	QPSK	6	0	23.09	23.18	23.06	24.20
1.4	16QAM	1	0	23.00	23.12	23.06	24.20
1.4	16QAM	1	3	22.96	23.09	23.00	24.20
1.4	16QAM	1	5	22.96	23.06	23.05	24.20
1.4	16QAM	3	0	23.09	23.17	23.20	24.20
1.4	16QAM	3	1	22.97	23.18	22.99	24.20
1.4	16QAM	3	3	23.02	23.04	22.99	24.20
1.4	16QAM	6	0	22.08	22.25	22.14	23.20
1.4	64QAM	1	0	22.47	22.59	22.51	23.20
1.4	64QAM	1	3	22.47	22.58	22.55	23.20
1.4	64QAM	1	5	22.50	22.57	22.55	23.20
1.4	64QAM	3	0	21.99	22.12	22.17	23.20
1.4	64QAM	3	1	22.03	22.16	22.03	23.20
1.4	64QAM	3	3	22.01	22.11	22.04	23.20
1.4	64QAM	6	0	20.96	21.16	21.04	22.20
1.4	256QAM	1	0	18.99	19.18	19.13	20.20
1.4	256QAM	1	3	18.89	18.95	18.98	20.20
1.4	256QAM	1	5	18.94	18.97	18.95	20.20
1.4	256QAM	3	0	18.93	19.04	19.00	20.20
1.4	256QAM	3	1	18.94	19.18	19.06	20.20
1.4	256QAM	3	3	19.00	19.05	18.95	20.20
1.4	256QAM	6	0	19.11	19.13	19.04	20.20

【LTE Band 4_Ant 7_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	18.75	18.82	18.78	19.70
20	QPSK	1	49	18.77	18.78	18.76	19.70
20	QPSK	1	99	18.74	18.77	18.83	19.70
20	QPSK	50	0	18.77	18.80	18.78	19.70
20	QPSK	50	24	18.71	18.77	18.77	19.70
20	QPSK	50	50	18.73	18.76	18.69	19.70
20	QPSK	100	0	18.74	18.72	18.71	19.70
20	16QAM	1	0	18.73	18.80	18.79	19.70
20	16QAM	1	49	18.76	18.75	18.73	19.70
20	16QAM	1	99	18.72	18.76	18.73	19.70
20	16QAM	50	0	18.71	18.79	18.82	19.70
20	16QAM	50	24	18.72	18.82	18.82	19.70
20	16QAM	50	50	18.80	18.78	18.74	19.70
20	16QAM	100	0	18.72	18.75	18.77	19.70
20	64QAM	1	0	18.79	18.80	18.82	19.70
20	64QAM	1	49	18.75	18.80	18.74	19.70
20	64QAM	1	99	18.81	18.74	18.79	19.70
20	64QAM	50	0	18.79	18.81	18.79	19.70
20	64QAM	50	24	18.83	18.74	18.74	19.70
20	64QAM	50	50	18.79	18.82	18.77	19.70
20	64QAM	100	0	18.83	18.80	18.76	19.70
20	256QAM	1	0	18.83	18.78	18.81	19.70
20	256QAM	1	49	18.80	18.75	18.81	19.70
20	256QAM	1	99	18.72	18.73	18.82	19.70
20	256QAM	50	0	18.76	18.80	18.72	19.70
20	256QAM	50	24	18.83	18.83	18.71	19.70
20	256QAM	50	50	18.74	18.79	18.83	19.70
20	256QAM	100	0	18.82	18.74	18.82	19.70
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	18.70	18.79	18.76	19.70
15	QPSK	1	37	18.73	18.63	18.72	19.70
15	QPSK	1	74	18.72	18.72	18.77	19.70
15	QPSK	36	0	18.72	18.67	18.67	19.70
15	QPSK	36	20	18.69	18.76	18.69	19.70
15	QPSK	36	39	18.60	18.67	18.61	19.70
15	QPSK	75	0	18.66	18.58	18.63	19.70
15	16QAM	1	0	18.64	18.73	18.69	19.70
15	16QAM	1	37	18.65	18.64	18.70	19.70
15	16QAM	1	74	18.71	18.67	18.71	19.70
15	16QAM	36	0	18.57	18.67	18.70	19.70
15	16QAM	36	20	18.58	18.73	18.79	19.70
15	16QAM	36	39	18.74	18.77	18.61	19.70
15	16QAM	75	0	18.65	18.62	18.75	19.70
15	64QAM	1	0	18.76	18.66	18.71	19.70
15	64QAM	1	37	18.67	18.77	18.63	19.70
15	64QAM	1	74	18.76	18.68	18.65	19.70
15	64QAM	36	0	18.68	18.80	18.74	19.70
15	64QAM	36	20	18.79	18.71	18.66	19.70
15	64QAM	36	39	18.72	18.71	18.65	19.70
15	64QAM	75	0	18.77	18.77	18.62	19.70
15	256QAM	1	0	18.72	18.71	18.77	19.70
15	256QAM	1	37	18.77	18.65	18.79	19.70
15	256QAM	1	74	18.60	18.67	18.79	19.70
15	256QAM	36	0	18.68	18.73	18.69	19.70
15	256QAM	36	20	18.75	18.74	18.62	19.70
15	256QAM	36	39	18.67	18.65	18.73	19.70
15	256QAM	75	0	18.80	18.65	18.74	19.70
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	18.66	18.73	18.68	19.70
10	QPSK	1	25	18.71	18.67	18.62	19.70
10	QPSK	1	49	18.61	18.66	18.71	19.70
10	QPSK	25	0	18.75	18.78	18.65	19.70
10	QPSK	25	12	18.60	18.73	18.65	19.70
10	QPSK	25	25	18.69	18.65	18.56	19.70
10	QPSK	50	0	18.72	18.64	18.58	19.70
10	16QAM	1	0	18.62	18.78	18.68	19.70
10	16QAM	1	25	18.69	18.61	18.63	19.70

10	16QAM	1	49	18.65	18.73	18.60	19.70
10	16QAM	25	0	18.63	18.77	18.80	19.70
10	16QAM	25	12	18.60	18.75	18.74	19.70
10	16QAM	25	25	18.69	18.69	18.71	19.70
10	16QAM	50	0	18.63	18.73	18.63	19.70
10	64QAM	1	0	18.65	18.77	18.81	19.70
10	64QAM	1	25	18.71	18.68	18.64	19.70
10	64QAM	1	49	18.75	18.65	18.67	19.70
10	64QAM	25	0	18.73	18.67	18.74	19.70
10	64QAM	25	12	18.78	18.60	18.64	19.70
10	64QAM	25	25	18.72	18.79	18.62	19.70
10	64QAM	50	0	18.68	18.71	18.72	19.70
10	256QAM	1	0	18.69	18.69	18.67	19.70
10	256QAM	1	25	18.76	18.62	18.69	19.70
10	256QAM	1	49	18.59	18.66	18.67	19.70
10	256QAM	25	0	18.68	18.70	18.70	19.70
10	256QAM	25	12	18.80	18.76	18.57	19.70
10	256QAM	25	25	18.61	18.76	18.77	19.70
10	256QAM	50	0	18.75	18.63	18.79	19.70
Channel				19975	20175	20375	Tune-up limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	18.63	18.73	18.66	19.70
5	QPSK	1	12	18.69	18.67	18.62	19.70
5	QPSK	1	24	18.71	18.73	18.71	19.70
5	QPSK	12	0	18.74	18.71	18.75	19.70
5	QPSK	12	7	18.67	18.65	18.66	19.70
5	QPSK	12	13	18.68	18.66	18.58	19.70
5	QPSK	25	0	18.66	18.61	18.67	19.70
5	16QAM	1	0	18.71	18.76	18.74	19.70
5	16QAM	1	12	18.73	18.66	18.71	19.70
5	16QAM	1	24	18.70	18.74	18.58	19.70
5	16QAM	12	0	18.68	18.72	18.75	19.70
5	16QAM	12	7	18.65	18.71	18.78	19.70
5	16QAM	12	13	18.74	18.65	18.64	19.70
5	16QAM	25	0	18.66	18.72	18.72	19.70
5	64QAM	1	0	18.72	18.67	18.74	19.70
5	64QAM	1	12	18.69	18.70	18.62	19.70
5	64QAM	1	24	18.75	18.69	18.66	19.70
5	64QAM	12	0	18.66	18.72	18.76	19.70
5	64QAM	12	7	18.72	18.70	18.67	19.70
5	64QAM	12	13	18.65	18.71	18.76	19.70
5	64QAM	25	0	18.78	18.65	18.72	19.70
5	256QAM	1	0	18.78	18.64	18.78	19.70
5	256QAM	1	12	18.67	18.62	18.77	19.70
5	256QAM	1	24	18.67	18.60	18.73	19.70
5	256QAM	12	0	18.61	18.72	18.70	19.70
5	256QAM	12	7	18.80	18.75	18.61	19.70
5	256QAM	12	13	18.60	18.75	18.77	19.70
5	256QAM	25	0	18.70	18.70	18.74	19.70
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	18.71	18.75	18.73	19.70
3	QPSK	1	8	18.66	18.74	18.74	19.70
3	QPSK	1	14	18.62	18.65	18.73	19.70
3	QPSK	8	0	18.75	18.77	18.66	19.70
3	QPSK	8	4	18.67	18.69	18.67	19.70
3	QPSK	8	7	18.72	18.75	18.54	19.70
3	QPSK	15	0	18.71	18.66	18.68	19.70
3	16QAM	1	0	18.59	18.79	18.74	19.70
3	16QAM	1	8	18.73	18.61	18.63	19.70
3	16QAM	1	14	18.60	18.65	18.69	19.70
3	16QAM	8	0	18.66	18.71	18.69	19.70
3	16QAM	8	4	18.66	18.75	18.79	19.70
3	16QAM	8	7	18.71	18.64	18.59	19.70
3	16QAM	15	0	18.58	18.67	18.70	19.70
3	64QAM	1	0	18.77	18.70	18.76	19.70
3	64QAM	1	8	18.68	18.78	18.72	19.70
3	64QAM	1	14	18.67	18.67	18.66	19.70
3	64QAM	8	0	18.75	18.68	18.75	19.70
3	64QAM	8	4	18.75	18.60	18.69	19.70
3	64QAM	8	7	18.69	18.72	18.71	19.70
3	64QAM	15	0	18.71	18.67	18.66	19.70
3	256QAM	1	0	18.76	18.72	18.73	19.70
3	256QAM	1	8	18.67	18.69	18.76	19.70
3	256QAM	1	14	18.61	18.60	18.76	19.70
3	256QAM	8	0	18.71	18.72	18.63	19.70
3	256QAM	8	4	18.69	18.68	18.67	19.70
3	256QAM	8	7	18.64	18.65	18.75	19.70

3	256QAM	15	0	18.75	18.67	18.76	19.70
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	18.66	18.67	18.63	19.70
1.4	QPSK	1	3	18.67	18.75	18.66	19.70
1.4	QPSK	1	5	18.70	18.71	18.73	19.70
1.4	QPSK	3	0	18.62	18.66	18.76	19.70
1.4	QPSK	3	1	18.67	18.71	18.64	19.70
1.4	QPSK	3	3	18.60	18.65	18.63	19.70
1.4	QPSK	6	0	18.59	18.63	18.68	19.70
1.4	16QAM	1	0	18.63	18.73	18.71	19.70
1.4	16QAM	1	3	18.74	18.63	18.72	19.70
1.4	16QAM	1	5	18.64	18.72	18.71	19.70
1.4	16QAM	3	0	18.62	18.74	18.74	19.70
1.4	16QAM	3	1	18.61	18.71	18.71	19.70
1.4	16QAM	3	3	18.79	18.65	18.61	19.70
1.4	16QAM	6	0	18.65	18.72	18.66	19.70
1.4	64QAM	1	0	18.71	18.78	18.80	19.70
1.4	64QAM	1	3	18.72	18.65	18.65	19.70
1.4	64QAM	1	5	18.77	18.62	18.73	19.70
1.4	64QAM	3	0	18.76	18.75	18.67	19.70
1.4	64QAM	3	1	18.80	18.69	18.71	19.70
1.4	64QAM	3	3	18.72	18.81	18.65	19.70
1.4	64QAM	6	0	18.74	18.76	18.69	19.70
1.4	256QAM	1	0	18.76	18.68	18.74	19.70
1.4	256QAM	1	3	18.71	18.72	18.66	19.70
1.4	256QAM	1	5	18.70	18.71	18.72	19.70
1.4	256QAM	3	0	18.71	18.67	18.64	19.70
1.4	256QAM	3	1	18.77	18.72	18.70	19.70
1.4	256QAM	3	3	18.67	18.72	18.77	19.70
1.4	256QAM	6	0	18.81	18.69	18.76	19.70

【LTE Band 4_Ant 7_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	19.72	19.79	19.71	20.70
20	QPSK	1	49	19.77	19.78	19.72	20.70
20	QPSK	1	99	19.72	19.72	19.75	20.70
20	QPSK	50	0	19.73	19.78	19.77	20.70
20	QPSK	50	24	19.71	19.76	19.75	20.70
20	QPSK	50	50	19.67	19.72	19.71	20.70
20	QPSK	100	0	19.66	19.71	19.69	20.70
20	16QAM	1	0	19.77	19.74	19.75	20.70
20	16QAM	1	49	19.72	19.77	19.74	20.70
20	16QAM	1	99	19.81	19.72	19.83	20.70
20	16QAM	50	0	19.82	19.76	19.73	20.70
20	16QAM	50	24	19.79	19.75	19.78	20.70
20	16QAM	50	50	19.79	19.75	19.75	20.70
20	16QAM	100	0	19.73	19.73	19.77	20.70
20	64QAM	1	0	19.71	19.74	19.81	20.70
20	64QAM	1	49	19.76	19.72	19.82	20.70
20	64QAM	1	99	19.80	19.75	19.72	20.70
20	64QAM	50	0	19.73	19.80	19.76	20.70
20	64QAM	50	24	19.76	19.78	19.80	20.70
20	64QAM	50	50	19.74	19.80	19.74	20.70
20	64QAM	100	0	19.74	19.81	19.74	20.70
20	256QAM	1	0	19.10	19.19	19.19	20.20
20	256QAM	1	49	18.93	19.09	19.09	20.20
20	256QAM	1	99	19.01	19.08	19.02	20.20
20	256QAM	50	0	19.06	19.12	19.09	20.20
20	256QAM	50	24	19.06	19.21	19.13	20.20
20	256QAM	50	50	19.05	19.16	19.05	20.20
20	256QAM	100	0	19.15	19.23	19.18	20.20
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	19.57	19.71	19.60	20.70
15	QPSK	1	37	19.73	19.66	19.58	20.70
15	QPSK	1	74	19.66	19.59	19.70	20.70
15	QPSK	36	0	19.70	19.70	19.73	20.70
15	QPSK	36	20	19.66	19.66	19.61	20.70

15	QPSK	36	39	19.66	19.64	19.68	20.70
15	QPSK	75	0	19.63	19.69	19.64	20.70
15	16QAM	1	0	19.70	19.60	19.73	20.70
15	16QAM	1	37	19.68	19.66	19.60	20.70
15	16QAM	1	74	19.66	19.65	19.81	20.70
15	16QAM	36	0	19.69	19.63	19.64	20.70
15	16QAM	36	20	19.71	19.63	19.74	20.70
15	16QAM	36	39	19.70	19.71	19.70	20.70
15	16QAM	75	0	19.67	19.65	19.72	20.70
15	64QAM	1	0	19.59	19.62	19.73	20.70
15	64QAM	1	37	19.66	19.57	19.73	20.70
15	64QAM	1	74	19.77	19.66	19.65	20.70
15	64QAM	36	0	19.65	19.67	19.68	20.70
15	64QAM	36	20	19.74	19.77	19.72	20.70
15	64QAM	36	39	19.72	19.77	19.60	20.70
15	64QAM	75	0	19.69	19.78	19.64	20.70
15	256QAM	1	0	19.00	19.06	19.18	20.20
15	256QAM	1	37	18.89	19.00	18.94	20.20
15	256QAM	1	74	18.92	19.05	19.00	20.20
15	256QAM	36	0	19.02	18.98	19.01	20.20
15	256QAM	36	20	18.94	19.19	19.03	20.20
15	256QAM	36	39	19.04	19.12	18.95	20.20
15	256QAM	75	0	19.03	19.10	19.12	20.20
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	19.57	19.65	19.65	20.70
10	QPSK	1	25	19.63	19.65	19.59	20.70
10	QPSK	1	49	19.60	19.65	19.71	20.70
10	QPSK	25	0	19.68	19.71	19.67	20.70
10	QPSK	25	12	19.62	19.69	19.60	20.70
10	QPSK	25	25	19.64	19.60	19.66	20.70
10	QPSK	50	0	19.63	19.58	19.61	20.70
10	16QAM	1	0	19.71	19.63	19.71	20.70
10	16QAM	1	25	19.59	19.69	19.63	20.70
10	16QAM	1	49	19.78	19.65	19.79	20.70
10	16QAM	25	0	19.69	19.68	19.63	20.70
10	16QAM	25	12	19.74	19.60	19.66	20.70
10	16QAM	25	25	19.66	19.73	19.67	20.70
10	16QAM	50	0	19.68	19.59	19.70	20.70
10	64QAM	1	0	19.59	19.65	19.69	20.70
10	64QAM	1	25	19.66	19.63	19.73	20.70
10	64QAM	1	49	19.68	19.67	19.66	20.70
10	64QAM	25	0	19.63	19.73	19.63	20.70
10	64QAM	25	12	19.66	19.72	19.73	20.70
10	64QAM	25	25	19.64	19.75	19.66	20.70
10	64QAM	50	0	19.69	19.72	19.66	20.70
10	256QAM	1	0	19.01	19.15	19.08	20.20
10	256QAM	1	25	18.90	19.02	18.95	20.20
10	256QAM	1	49	18.87	19.07	18.95	20.20
10	256QAM	25	0	18.95	19.11	18.98	20.20
10	256QAM	25	12	19.04	19.13	19.07	20.20
10	256QAM	25	25	18.96	19.13	19.02	20.20
10	256QAM	50	0	19.13	19.14	19.04	20.20
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	19.59	19.69	19.65	20.70
5	QPSK	1	12	19.69	19.73	19.60	20.70
5	QPSK	1	24	19.64	19.59	19.67	20.70
5	QPSK	12	0	19.62	19.73	19.67	20.70
5	QPSK	12	7	19.66	19.72	19.74	20.70
5	QPSK	12	13	19.63	19.62	19.58	20.70
5	QPSK	25	0	19.54	19.68	19.66	20.70
5	16QAM	1	0	19.64	19.67	19.71	20.70
5	16QAM	1	12	19.68	19.72	19.64	20.70
5	16QAM	1	24	19.75	19.59	19.80	20.70
5	16QAM	12	0	19.68	19.73	19.63	20.70
5	16QAM	12	7	19.73	19.67	19.73	20.70
5	16QAM	12	13	19.73	19.66	19.65	20.70
5	16QAM	25	0	19.68	19.71	19.62	20.70
5	64QAM	1	0	19.56	19.65	19.76	20.70
5	64QAM	1	12	19.62	19.70	19.69	20.70
5	64QAM	1	24	19.76	19.72	19.60	20.70
5	64QAM	12	0	19.70	19.77	19.72	20.70
5	64QAM	12	7	19.73	19.68	19.65	20.70
5	64QAM	12	13	19.71	19.77	19.64	20.70
5	64QAM	25	0	19.61	19.74	19.66	20.70
5	256QAM	1	0	19.03	19.18	19.16	20.20
5	256QAM	1	12	18.83	19.00	19.01	20.20

5	256QAM	1	24	19.00	19.02	18.91	20.20
5	256QAM	12	0	18.98	19.04	18.95	20.20
5	256QAM	12	7	19.01	19.14	19.10	20.20
5	256QAM	12	13	18.94	19.13	18.95	20.20
5	256QAM	25	0	19.08	19.16	19.16	20.20
Channel				19965	20175	20385	Tune-up limit
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	19.61	19.65	19.64	20.70
3	QPSK	1	8	19.64	19.67	19.69	20.70
3	QPSK	1	14	19.65	19.71	19.65	20.70
3	QPSK	8	0	19.67	19.75	19.63	20.70
3	QPSK	8	4	19.63	19.68	19.72	20.70
3	QPSK	8	7	19.62	19.70	19.63	20.70
3	QPSK	15	0	19.57	19.68	19.59	20.70
3	16QAM	1	0	19.63	19.60	19.66	20.70
3	16QAM	1	8	19.69	19.69	19.66	20.70
3	16QAM	1	14	19.66	19.58	19.71	20.70
3	16QAM	8	0	19.69	19.75	19.60	20.70
3	16QAM	8	4	19.65	19.72	19.76	20.70
3	16QAM	8	7	19.68	19.63	19.72	20.70
3	16QAM	15	0	19.69	19.68	19.70	20.70
3	64QAM	1	0	19.64	19.66	19.68	20.70
3	64QAM	1	8	19.61	19.70	19.79	20.70
3	64QAM	1	14	19.67	19.62	19.62	20.70
3	64QAM	8	0	19.59	19.74	19.64	20.70
3	64QAM	8	4	19.62	19.71	19.78	20.70
3	64QAM	8	7	19.65	19.75	19.61	20.70
3	64QAM	15	0	19.66	19.70	19.67	20.70
3	256QAM	1	0	18.99	19.12	19.17	20.20
3	256QAM	1	8	18.79	19.07	18.95	20.20
3	256QAM	1	14	18.96	18.97	18.94	20.20
3	256QAM	8	0	19.01	19.07	19.08	20.20
3	256QAM	8	4	19.02	19.10	18.99	20.20
3	256QAM	8	7	18.90	19.10	18.93	20.20
3	256QAM	15	0	19.09	19.17	19.11	20.20
Channel				19957	20175	20393	Tune-up limit
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	19.60	19.72	19.66	20.70
1.4	QPSK	1	3	19.67	19.77	19.71	20.70
1.4	QPSK	1	5	19.69	19.57	19.66	20.70
1.4	QPSK	3	0	19.71	19.77	19.70	20.70
1.4	QPSK	3	1	19.57	19.64	19.69	20.70
1.4	QPSK	3	3	19.53	19.60	19.64	20.70
1.4	QPSK	6	0	19.54	19.69	19.65	20.70
1.4	16QAM	1	0	19.73	19.60	19.61	20.70
1.4	16QAM	1	3	19.65	19.76	19.59	20.70
1.4	16QAM	1	5	19.73	19.60	19.80	20.70
1.4	16QAM	3	0	19.79	19.69	19.63	20.70
1.4	16QAM	3	1	19.73	19.68	19.68	20.70
1.4	16QAM	3	3	19.78	19.60	19.68	20.70
1.4	16QAM	6	0	19.61	19.63	19.70	20.70
1.4	64QAM	1	0	19.56	19.71	19.69	20.70
1.4	64QAM	1	3	19.72	19.60	19.80	20.70
1.4	64QAM	1	5	19.77	19.60	19.60	20.70
1.4	64QAM	3	0	19.62	19.68	19.75	20.70
1.4	64QAM	3	1	19.71	19.65	19.77	20.70
1.4	64QAM	3	3	19.69	19.73	19.63	20.70
1.4	64QAM	6	0	19.65	19.74	19.64	20.70
1.4	256QAM	1	0	18.99	19.17	19.17	20.20
1.4	256QAM	1	3	18.84	18.94	18.98	20.20
1.4	256QAM	1	5	18.90	18.94	18.94	20.20
1.4	256QAM	3	0	18.96	19.10	18.97	20.20
1.4	256QAM	3	1	19.03	19.16	19.05	20.20
1.4	256QAM	3	3	19.02	19.13	18.95	20.20
1.4	256QAM	6	0	19.07	19.13	19.06	20.20

【LTE Band 4_Ant 7_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	19.72	19.79	19.71	20.70
20	QPSK	1	49	19.77	19.78	19.72	20.70
20	QPSK	1	99	19.72	19.72	19.75	20.70
20	QPSK	50	0	19.73	19.78	19.77	20.70
20	QPSK	50	24	19.71	19.76	19.75	20.70
20	QPSK	50	50	19.67	19.72	19.71	20.70
20	QPSK	100	0	19.66	19.71	19.69	20.70
20	16QAM	1	0	19.77	19.74	19.75	20.70
20	16QAM	1	49	19.72	19.77	19.74	20.70
20	16QAM	1	99	19.81	19.72	19.83	20.70
20	16QAM	50	0	19.82	19.76	19.73	20.70
20	16QAM	50	24	19.79	19.75	19.78	20.70
20	16QAM	50	50	19.79	19.75	19.75	20.70
20	16QAM	100	0	19.73	19.73	19.77	20.70
20	64QAM	1	0	19.71	19.74	19.81	20.70
20	64QAM	1	49	19.76	19.72	19.82	20.70
20	64QAM	1	99	19.80	19.75	19.72	20.70
20	64QAM	50	0	19.73	19.80	19.76	20.70
20	64QAM	50	24	19.76	19.78	19.80	20.70
20	64QAM	50	50	19.74	19.80	19.74	20.70
20	64QAM	100	0	19.74	19.81	19.74	20.70
20	256QAM	1	0	19.10	19.19	19.19	20.20
20	256QAM	1	49	18.93	19.09	19.09	20.20
20	256QAM	1	99	19.01	19.08	19.02	20.20
20	256QAM	50	0	19.06	19.12	19.09	20.20
20	256QAM	50	24	19.06	19.21	19.13	20.20
20	256QAM	50	50	19.05	19.16	19.05	20.20
20	256QAM	100	0	19.15	19.23	19.18	20.20
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	19.57	19.71	19.60	20.70
15	QPSK	1	37	19.73	19.66	19.58	20.70
15	QPSK	1	74	19.66	19.59	19.70	20.70
15	QPSK	36	0	19.70	19.70	19.73	20.70
15	QPSK	36	20	19.66	19.66	19.61	20.70
15	QPSK	36	39	19.66	19.64	19.68	20.70
15	QPSK	75	0	19.63	19.69	19.64	20.70
15	16QAM	1	0	19.70	19.60	19.73	20.70
15	16QAM	1	37	19.68	19.66	19.60	20.70
15	16QAM	1	74	19.66	19.65	19.81	20.70
15	16QAM	36	0	19.69	19.63	19.64	20.70
15	16QAM	36	20	19.71	19.63	19.74	20.70
15	16QAM	36	39	19.70	19.71	19.70	20.70
15	16QAM	75	0	19.67	19.65	19.72	20.70
15	64QAM	1	0	19.59	19.62	19.73	20.70
15	64QAM	1	37	19.66	19.57	19.73	20.70
15	64QAM	1	74	19.77	19.66	19.65	20.70
15	64QAM	36	0	19.65	19.67	19.68	20.70
15	64QAM	36	20	19.74	19.77	19.72	20.70
15	64QAM	36	39	19.72	19.77	19.60	20.70
15	64QAM	75	0	19.69	19.78	19.64	20.70
15	256QAM	1	0	19.00	19.06	19.18	20.20
15	256QAM	1	37	18.89	19.00	18.94	20.20
15	256QAM	1	74	18.92	19.05	19.00	20.20
15	256QAM	36	0	19.02	18.98	19.01	20.20
15	256QAM	36	20	18.94	19.19	19.03	20.20
15	256QAM	36	39	19.04	19.12	18.95	20.20
15	256QAM	75	0	19.03	19.10	19.12	20.20
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	19.57	19.65	19.65	20.70
10	QPSK	1	25	19.63	19.65	19.59	20.70
10	QPSK	1	49	19.60	19.65	19.71	20.70
10	QPSK	25	0	19.68	19.71	19.67	20.70
10	QPSK	25	12	19.62	19.69	19.60	20.70
10	QPSK	25	25	19.64	19.60	19.66	20.70
10	QPSK	50	0	19.63	19.58	19.61	20.70
10	16QAM	1	0	19.71	19.63	19.71	20.70
10	16QAM	1	25	19.59	19.69	19.63	20.70

10	16QAM	1	49	19.78	19.65	19.79	20.70
10	16QAM	25	0	19.69	19.68	19.63	20.70
10	16QAM	25	12	19.74	19.60	19.66	20.70
10	16QAM	25	25	19.66	19.73	19.67	20.70
10	16QAM	50	0	19.68	19.59	19.70	20.70
10	64QAM	1	0	19.59	19.65	19.69	20.70
10	64QAM	1	25	19.66	19.63	19.73	20.70
10	64QAM	1	49	19.68	19.67	19.66	20.70
10	64QAM	25	0	19.63	19.73	19.63	20.70
10	64QAM	25	12	19.66	19.72	19.73	20.70
10	64QAM	25	25	19.64	19.75	19.66	20.70
10	64QAM	50	0	19.69	19.72	19.66	20.70
10	256QAM	1	0	19.01	19.15	19.08	20.20
10	256QAM	1	25	18.90	19.02	18.95	20.20
10	256QAM	1	49	18.87	19.07	18.95	20.20
10	256QAM	25	0	18.95	19.11	18.98	20.20
10	256QAM	25	12	19.04	19.13	19.07	20.20
10	256QAM	25	25	18.96	19.13	19.02	20.20
10	256QAM	50	0	19.13	19.14	19.04	20.20
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	19.59	19.69	19.65	20.70
5	QPSK	1	12	19.69	19.73	19.60	20.70
5	QPSK	1	24	19.64	19.59	19.67	20.70
5	QPSK	12	0	19.62	19.73	19.67	20.70
5	QPSK	12	7	19.66	19.72	19.74	20.70
5	QPSK	12	13	19.63	19.62	19.58	20.70
5	QPSK	25	0	19.54	19.68	19.66	20.70
5	16QAM	1	0	19.64	19.67	19.71	20.70
5	16QAM	1	12	19.68	19.72	19.64	20.70
5	16QAM	1	24	19.75	19.59	19.80	20.70
5	16QAM	12	0	19.68	19.73	19.63	20.70
5	16QAM	12	7	19.73	19.67	19.73	20.70
5	16QAM	12	13	19.73	19.66	19.65	20.70
5	16QAM	25	0	19.68	19.71	19.62	20.70
5	64QAM	1	0	19.56	19.65	19.76	20.70
5	64QAM	1	12	19.62	19.70	19.69	20.70
5	64QAM	1	24	19.76	19.72	19.60	20.70
5	64QAM	12	0	19.70	19.77	19.72	20.70
5	64QAM	12	7	19.73	19.68	19.65	20.70
5	64QAM	12	13	19.71	19.77	19.64	20.70
5	64QAM	25	0	19.61	19.74	19.66	20.70
5	256QAM	1	0	19.03	19.18	19.16	20.20
5	256QAM	1	12	18.83	19.00	19.01	20.20
5	256QAM	1	24	19.00	19.02	18.91	20.20
5	256QAM	12	0	18.98	19.04	18.95	20.20
5	256QAM	12	7	19.01	19.14	19.10	20.20
5	256QAM	12	13	18.94	19.13	18.95	20.20
5	256QAM	25	0	19.08	19.16	19.16	20.20
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	19.61	19.65	19.64	20.70
3	QPSK	1	8	19.64	19.67	19.69	20.70
3	QPSK	1	14	19.65	19.71	19.65	20.70
3	QPSK	8	0	19.67	19.75	19.63	20.70
3	QPSK	8	4	19.63	19.68	19.72	20.70
3	QPSK	8	7	19.62	19.70	19.63	20.70
3	QPSK	15	0	19.57	19.68	19.59	20.70
3	16QAM	1	0	19.63	19.60	19.66	20.70
3	16QAM	1	8	19.69	19.69	19.66	20.70
3	16QAM	1	14	19.66	19.58	19.71	20.70
3	16QAM	8	0	19.69	19.75	19.60	20.70
3	16QAM	8	4	19.65	19.72	19.76	20.70
3	16QAM	8	7	19.68	19.63	19.72	20.70
3	16QAM	15	0	19.69	19.68	19.70	20.70
3	64QAM	1	0	19.64	19.66	19.68	20.70
3	64QAM	1	8	19.61	19.70	19.79	20.70
3	64QAM	1	14	19.67	19.62	19.62	20.70
3	64QAM	8	0	19.59	19.74	19.64	20.70
3	64QAM	8	4	19.62	19.71	19.78	20.70
3	64QAM	8	7	19.65	19.75	19.61	20.70
3	64QAM	15	0	19.66	19.70	19.67	20.70
3	256QAM	1	0	18.99	19.12	19.17	20.20
3	256QAM	1	8	18.79	19.07	18.95	20.20
3	256QAM	1	14	18.96	18.97	18.94	20.20
3	256QAM	8	0	19.01	19.07	19.08	20.20
3	256QAM	8	4	19.02	19.10	18.99	20.20
3	256QAM	8	7	18.90	19.10	18.93	20.20

3	256QAM	15	0	19.09	19.17	19.11	20.20
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	19.60	19.72	19.66	20.70
1.4	QPSK	1	3	19.67	19.77	19.71	20.70
1.4	QPSK	1	5	19.69	19.57	19.66	20.70
1.4	QPSK	3	0	19.71	19.77	19.70	20.70
1.4	QPSK	3	1	19.57	19.64	19.69	20.70
1.4	QPSK	3	3	19.53	19.60	19.64	20.70
1.4	QPSK	6	0	19.54	19.69	19.65	20.70
1.4	16QAM	1	0	19.73	19.60	19.61	20.70
1.4	16QAM	1	3	19.65	19.76	19.59	20.70
1.4	16QAM	1	5	19.73	19.60	19.80	20.70
1.4	16QAM	3	0	19.79	19.69	19.63	20.70
1.4	16QAM	3	1	19.73	19.68	19.68	20.70
1.4	16QAM	3	3	19.78	19.60	19.68	20.70
1.4	16QAM	6	0	19.61	19.63	19.70	20.70
1.4	64QAM	1	0	19.56	19.71	19.69	20.70
1.4	64QAM	1	3	19.72	19.60	19.80	20.70
1.4	64QAM	1	5	19.77	19.60	19.60	20.70
1.4	64QAM	3	0	19.62	19.68	19.75	20.70
1.4	64QAM	3	1	19.71	19.65	19.77	20.70
1.4	64QAM	3	3	19.69	19.73	19.63	20.70
1.4	64QAM	6	0	19.65	19.74	19.64	20.70
1.4	256QAM	1	0	18.99	19.17	19.17	20.20
1.4	256QAM	1	3	18.84	18.94	18.98	20.20
1.4	256QAM	1	5	18.90	18.94	18.94	20.20
1.4	256QAM	3	0	18.96	19.10	18.97	20.20
1.4	256QAM	3	1	19.03	19.16	19.05	20.20
1.4	256QAM	3	3	19.02	19.13	18.95	20.20
1.4	256QAM	6	0	19.07	19.13	19.06	20.20

【LTE Band 4_Ant 7_DSI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	18.75	18.82	18.78	19.70
20	QPSK	1	49	18.77	18.78	18.76	19.70
20	QPSK	1	99	18.74	18.77	18.83	19.70
20	QPSK	50	0	18.77	18.80	18.78	19.70
20	QPSK	50	24	18.71	18.77	18.77	19.70
20	QPSK	50	50	18.73	18.76	18.69	19.70
20	QPSK	100	0	18.74	18.72	18.71	19.70
20	16QAM	1	0	18.73	18.80	18.79	19.70
20	16QAM	1	49	18.76	18.75	18.73	19.70
20	16QAM	1	99	18.72	18.76	18.73	19.70
20	16QAM	50	0	18.71	18.79	18.82	19.70
20	16QAM	50	24	18.72	18.82	18.82	19.70
20	16QAM	50	50	18.80	18.78	18.74	19.70
20	16QAM	100	0	18.72	18.75	18.77	19.70
20	64QAM	1	0	18.79	18.80	18.82	19.70
20	64QAM	1	49	18.75	18.80	18.74	19.70
20	64QAM	1	99	18.81	18.74	18.79	19.70
20	64QAM	50	0	18.79	18.81	18.79	19.70
20	64QAM	50	24	18.83	18.74	18.74	19.70
20	64QAM	50	50	18.79	18.82	18.77	19.70
20	64QAM	100	0	18.83	18.80	18.76	19.70
20	256QAM	1	0	18.83	18.78	18.81	19.70
20	256QAM	1	49	18.80	18.75	18.81	19.70
20	256QAM	1	99	18.72	18.73	18.82	19.70
20	256QAM	50	0	18.76	18.80	18.72	19.70
20	256QAM	50	24	18.83	18.83	18.71	19.70
20	256QAM	50	50	18.74	18.79	18.83	19.70
20	256QAM	100	0	18.82	18.74	18.82	19.70
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	18.70	18.79	18.76	19.70
15	QPSK	1	37	18.73	18.63	18.72	19.70
15	QPSK	1	74	18.72	18.72	18.77	19.70
15	QPSK	36	0	18.72	18.67	18.67	19.70
15	QPSK	36	20	18.69	18.76	18.69	19.70

15	QPSK	36	39	18.60	18.67	18.61	19.70
15	QPSK	75	0	18.66	18.58	18.63	19.70
15	16QAM	1	0	18.64	18.73	18.69	19.70
15	16QAM	1	37	18.65	18.64	18.70	19.70
15	16QAM	1	74	18.71	18.67	18.71	19.70
15	16QAM	36	0	18.57	18.67	18.70	19.70
15	16QAM	36	20	18.58	18.73	18.79	19.70
15	16QAM	36	39	18.74	18.77	18.61	19.70
15	16QAM	75	0	18.65	18.62	18.75	19.70
15	64QAM	1	0	18.76	18.66	18.71	19.70
15	64QAM	1	37	18.67	18.77	18.63	19.70
15	64QAM	1	74	18.76	18.68	18.65	19.70
15	64QAM	36	0	18.68	18.80	18.74	19.70
15	64QAM	36	20	18.79	18.71	18.66	19.70
15	64QAM	36	39	18.72	18.71	18.65	19.70
15	64QAM	75	0	18.77	18.77	18.62	19.70
15	256QAM	1	0	18.72	18.71	18.77	19.70
15	256QAM	1	37	18.77	18.65	18.79	19.70
15	256QAM	1	74	18.60	18.67	18.79	19.70
15	256QAM	36	0	18.68	18.73	18.69	19.70
15	256QAM	36	20	18.75	18.74	18.62	19.70
15	256QAM	36	39	18.67	18.65	18.73	19.70
15	256QAM	75	0	18.80	18.65	18.74	19.70
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	18.66	18.73	18.68	19.70
10	QPSK	1	25	18.71	18.67	18.62	19.70
10	QPSK	1	49	18.61	18.66	18.71	19.70
10	QPSK	25	0	18.75	18.78	18.65	19.70
10	QPSK	25	12	18.60	18.73	18.65	19.70
10	QPSK	25	25	18.69	18.65	18.56	19.70
10	QPSK	50	0	18.72	18.64	18.58	19.70
10	16QAM	1	0	18.62	18.78	18.68	19.70
10	16QAM	1	25	18.69	18.61	18.63	19.70
10	16QAM	1	49	18.65	18.73	18.60	19.70
10	16QAM	25	0	18.63	18.77	18.80	19.70
10	16QAM	25	12	18.60	18.75	18.74	19.70
10	16QAM	25	25	18.69	18.69	18.71	19.70
10	16QAM	50	0	18.63	18.73	18.63	19.70
10	64QAM	1	0	18.65	18.77	18.81	19.70
10	64QAM	1	25	18.71	18.68	18.64	19.70
10	64QAM	1	49	18.75	18.65	18.67	19.70
10	64QAM	25	0	18.73	18.67	18.74	19.70
10	64QAM	25	12	18.78	18.60	18.64	19.70
10	64QAM	25	25	18.72	18.79	18.62	19.70
10	64QAM	50	0	18.68	18.71	18.72	19.70
10	256QAM	1	0	18.69	18.69	18.67	19.70
10	256QAM	1	25	18.76	18.62	18.69	19.70
10	256QAM	1	49	18.59	18.66	18.67	19.70
10	256QAM	25	0	18.68	18.70	18.70	19.70
10	256QAM	25	12	18.80	18.76	18.57	19.70
10	256QAM	25	25	18.61	18.76	18.77	19.70
10	256QAM	50	0	18.75	18.63	18.79	19.70
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	18.63	18.73	18.66	19.70
5	QPSK	1	12	18.69	18.67	18.62	19.70
5	QPSK	1	24	18.71	18.73	18.71	19.70
5	QPSK	12	0	18.74	18.71	18.75	19.70
5	QPSK	12	7	18.67	18.65	18.66	19.70
5	QPSK	12	13	18.68	18.66	18.58	19.70
5	QPSK	25	0	18.66	18.61	18.67	19.70
5	16QAM	1	0	18.71	18.76	18.74	19.70
5	16QAM	1	12	18.73	18.66	18.71	19.70
5	16QAM	1	24	18.70	18.74	18.58	19.70
5	16QAM	12	0	18.68	18.72	18.75	19.70
5	16QAM	12	7	18.65	18.71	18.78	19.70
5	16QAM	12	13	18.74	18.65	18.64	19.70
5	16QAM	25	0	18.66	18.72	18.72	19.70
5	64QAM	1	0	18.72	18.67	18.74	19.70
5	64QAM	1	12	18.69	18.70	18.62	19.70
5	64QAM	1	24	18.75	18.69	18.66	19.70
5	64QAM	12	0	18.66	18.72	18.76	19.70
5	64QAM	12	7	18.72	18.70	18.67	19.70
5	64QAM	12	13	18.65	18.71	18.76	19.70
5	64QAM	25	0	18.78	18.65	18.72	19.70
5	256QAM	1	0	18.78	18.64	18.78	19.70
5	256QAM	1	12	18.67	18.62	18.77	19.70

5	256QAM	1	24	18.67	18.60	18.73	19.70
5	256QAM	12	0	18.61	18.72	18.70	19.70
5	256QAM	12	7	18.80	18.75	18.61	19.70
5	256QAM	12	13	18.60	18.75	18.77	19.70
5	256QAM	25	0	18.70	18.70	18.74	19.70
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	18.71	18.75	18.73	19.70
3	QPSK	1	8	18.66	18.74	18.74	19.70
3	QPSK	1	14	18.62	18.65	18.73	19.70
3	QPSK	8	0	18.75	18.77	18.66	19.70
3	QPSK	8	4	18.67	18.69	18.67	19.70
3	QPSK	8	7	18.72	18.75	18.54	19.70
3	QPSK	15	0	18.71	18.66	18.68	19.70
3	16QAM	1	0	18.59	18.79	18.74	19.70
3	16QAM	1	8	18.73	18.61	18.63	19.70
3	16QAM	1	14	18.60	18.65	18.69	19.70
3	16QAM	8	0	18.66	18.71	18.69	19.70
3	16QAM	8	4	18.66	18.75	18.79	19.70
3	16QAM	8	7	18.71	18.64	18.59	19.70
3	16QAM	15	0	18.58	18.67	18.70	19.70
3	64QAM	1	0	18.77	18.70	18.76	19.70
3	64QAM	1	8	18.68	18.78	18.72	19.70
3	64QAM	1	14	18.67	18.67	18.66	19.70
3	64QAM	8	0	18.75	18.68	18.75	19.70
3	64QAM	8	4	18.75	18.60	18.69	19.70
3	64QAM	8	7	18.69	18.72	18.71	19.70
3	64QAM	15	0	18.71	18.67	18.66	19.70
3	256QAM	1	0	18.76	18.72	18.73	19.70
3	256QAM	1	8	18.67	18.69	18.76	19.70
3	256QAM	1	14	18.61	18.60	18.76	19.70
3	256QAM	8	0	18.71	18.72	18.63	19.70
3	256QAM	8	4	18.69	18.68	18.67	19.70
3	256QAM	8	7	18.64	18.65	18.75	19.70
3	256QAM	15	0	18.75	18.67	18.76	19.70
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	18.66	18.67	18.63	19.70
1.4	QPSK	1	3	18.67	18.75	18.66	19.70
1.4	QPSK	1	5	18.70	18.71	18.73	19.70
1.4	QPSK	3	0	18.62	18.66	18.76	19.70
1.4	QPSK	3	1	18.67	18.71	18.64	19.70
1.4	QPSK	3	3	18.60	18.65	18.63	19.70
1.4	QPSK	6	0	18.59	18.63	18.68	19.70
1.4	16QAM	1	0	18.63	18.73	18.71	19.70
1.4	16QAM	1	3	18.74	18.63	18.72	19.70
1.4	16QAM	1	5	18.64	18.72	18.71	19.70
1.4	16QAM	3	0	18.62	18.74	18.74	19.70
1.4	16QAM	3	1	18.61	18.71	18.71	19.70
1.4	16QAM	3	3	18.79	18.65	18.61	19.70
1.4	16QAM	6	0	18.65	18.72	18.66	19.70
1.4	64QAM	1	0	18.71	18.78	18.80	19.70
1.4	64QAM	1	3	18.72	18.65	18.65	19.70
1.4	64QAM	1	5	18.77	18.62	18.73	19.70
1.4	64QAM	3	0	18.76	18.75	18.67	19.70
1.4	64QAM	3	1	18.80	18.69	18.71	19.70
1.4	64QAM	3	3	18.72	18.81	18.65	19.70
1.4	64QAM	6	0	18.74	18.76	18.69	19.70
1.4	256QAM	1	0	18.76	18.68	18.74	19.70
1.4	256QAM	1	3	18.71	18.72	18.66	19.70
1.4	256QAM	1	5	18.70	18.71	18.72	19.70
1.4	256QAM	3	0	18.71	18.67	18.64	19.70
1.4	256QAM	3	1	18.77	18.72	18.70	19.70
1.4	256QAM	3	3	18.67	18.72	18.77	19.70
1.4	256QAM	6	0	18.81	18.69	18.76	19.70

【LTE Band 5_Ant 0_Default】

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	25.21	25.24	25.12	25.70
10	QPSK	1	25	24.96	25.12	24.86	25.70
10	QPSK	1	49	25.12	25.21	25.01	25.70
10	QPSK	25	0	23.98	24.21	23.95	24.70
10	QPSK	25	12	23.89	24.11	23.90	24.70
10	QPSK	25	25	23.98	24.16	23.89	24.70
10	QPSK	50	0	24.09	24.19	23.98	24.70
10	16QAM	1	0	24.14	24.23	23.95	24.70
10	16QAM	1	25	23.94	24.15	23.84	24.70
10	16QAM	1	49	23.95	24.13	23.96	24.70
10	16QAM	25	0	22.90	23.09	22.79	23.70
10	16QAM	25	12	23.00	23.15	22.97	23.70
10	16QAM	25	25	22.96	23.17	22.96	23.70
10	16QAM	50	0	23.01	23.16	22.88	23.70
10	64QAM	1	0	23.04	23.15	22.97	23.70
10	64QAM	1	25	22.91	23.09	22.86	23.70
10	64QAM	1	49	22.97	23.11	22.85	23.70
10	64QAM	25	0	21.92	22.12	21.83	22.70
10	64QAM	25	12	21.84	22.06	21.79	22.70
10	64QAM	25	25	21.88	22.01	21.78	22.70
10	64QAM	50	0	22.02	22.18	21.95	22.70
10	256QAM	1	0	20.06	20.17	19.90	20.70
10	256QAM	1	25	19.89	20.06	19.89	20.70
10	256QAM	1	49	20.04	20.14	19.94	20.70
10	256QAM	25	0	19.92	20.08	19.92	20.70
10	256QAM	25	12	19.82	20.03	19.82	20.70
10	256QAM	25	25	19.89	20.01	19.83	20.70
10	256QAM	50	0	20.02	20.18	20.01	20.70
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	25.16	25.14	25.07	25.70
5	QPSK	1	12	24.88	24.98	24.82	25.70
5	QPSK	1	24	25.08	25.20	24.95	25.70
5	QPSK	12	0	23.92	24.13	23.82	24.70
5	QPSK	12	7	23.82	24.05	23.84	24.70
5	QPSK	12	13	23.83	24.05	23.85	24.70
5	QPSK	25	0	23.94	24.06	23.91	24.70
5	16QAM	1	0	24.05	24.18	23.84	24.70
5	16QAM	1	12	23.83	24.04	23.79	24.70
5	16QAM	1	24	23.80	24.05	23.91	24.70
5	16QAM	12	0	22.87	23.04	22.68	23.70
5	16QAM	12	7	22.88	23.04	22.82	23.70
5	16QAM	12	13	22.89	23.05	22.94	23.70
5	16QAM	25	0	22.92	23.03	22.83	23.70
5	64QAM	1	0	22.99	23.04	22.95	23.70
5	64QAM	1	12	22.80	23.03	22.81	23.70
5	64QAM	1	24	22.90	23.03	22.73	23.70
5	64QAM	12	0	21.88	22.11	21.78	22.70
5	64QAM	12	7	21.80	21.93	21.73	22.70
5	64QAM	12	13	21.82	21.97	21.76	22.70
5	64QAM	25	0	22.00	22.07	21.86	22.70
5	256QAM	1	0	19.96	20.15	19.79	20.70
5	256QAM	1	12	19.75	20.02	19.82	20.70
5	256QAM	1	24	20.02	20.11	19.90	20.70
5	256QAM	12	0	19.87	19.95	19.77	20.70
5	256QAM	12	7	19.77	19.89	19.69	20.70
5	256QAM	12	13	19.86	19.98	19.73	20.70
5	256QAM	25	0	19.91	20.09	19.90	20.70
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	25.19	25.23	25.05	25.70
3	QPSK	1	8	24.94	24.99	24.83	25.70
3	QPSK	1	14	25.07	25.16	24.95	25.70
3	QPSK	8	0	23.96	24.16	23.83	24.70
3	QPSK	8	4	23.83	24.08	23.76	24.70
3	QPSK	8	7	23.91	24.11	23.79	24.70
3	QPSK	15	0	24.00	24.13	23.96	24.70
3	16QAM	1	0	24.05	24.14	23.90	24.70
3	16QAM	1	8	23.93	24.07	23.71	24.70

3	16QAM	1	14	23.87	24.08	23.89	24.70
3	16QAM	8	0	22.84	22.95	22.76	23.70
3	16QAM	8	4	22.90	23.06	22.83	23.70
3	16QAM	8	7	22.82	23.07	22.95	23.70
3	16QAM	15	0	22.90	23.13	22.75	23.70
3	64QAM	1	0	22.98	23.05	22.84	23.70
3	64QAM	1	8	22.86	22.96	22.71	23.70
3	64QAM	1	14	22.88	23.00	22.82	23.70
3	64QAM	8	0	21.89	22.00	21.74	22.70
3	64QAM	8	4	21.77	22.00	21.70	22.70
3	64QAM	8	7	21.78	21.90	21.72	22.70
3	64QAM	15	0	21.92	22.15	21.91	22.70
3	256QAM	1	0	19.94	20.11	19.80	20.70
3	256QAM	1	8	19.76	19.94	19.83	20.70
3	256QAM	1	14	19.96	20.09	19.92	20.70
3	256QAM	8	0	19.91	19.96	19.82	20.70
3	256QAM	8	4	19.77	19.94	19.76	20.70
3	256QAM	8	7	19.75	19.90	19.80	20.70
3	256QAM	15	0	19.92	20.15	19.97	20.70
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	25.08	25.16	25.05	25.70
1.4	QPSK	1	3	24.91	25.04	24.80	25.70
1.4	QPSK	1	5	24.99	25.19	24.99	25.70
1.4	QPSK	3	0	24.84	25.12	24.85	25.70
1.4	QPSK	3	1	24.87	25.01	24.81	25.70
1.4	QPSK	3	3	24.85	25.10	24.76	25.70
1.4	QPSK	6	0	23.94	24.12	23.91	24.70
1.4	16QAM	1	0	24.09	24.11	23.84	24.70
1.4	16QAM	1	3	23.84	24.06	23.78	24.70
1.4	16QAM	1	5	23.83	24.08	23.87	24.70
1.4	16QAM	3	0	23.81	24.00	23.68	24.70
1.4	16QAM	3	1	23.91	24.09	23.85	24.70
1.4	16QAM	3	3	23.85	24.14	23.93	24.70
1.4	16QAM	6	0	22.97	23.12	22.87	23.70
1.4	64QAM	1	0	22.91	23.06	22.85	23.70
1.4	64QAM	1	3	22.78	23.06	22.78	23.70
1.4	64QAM	1	5	22.84	23.09	22.80	23.70
1.4	64QAM	3	0	22.77	22.98	22.80	23.70
1.4	64QAM	3	1	22.79	22.96	22.72	23.70
1.4	64QAM	3	3	22.76	22.96	22.72	23.70
1.4	64QAM	6	0	21.93	22.08	21.80	22.70
1.4	256QAM	1	0	19.92	20.02	19.79	20.70
1.4	256QAM	1	3	19.85	20.05	19.76	20.70
1.4	256QAM	1	5	19.94	20.07	19.92	20.70
1.4	256QAM	3	0	19.86	20.00	19.82	20.70
1.4	256QAM	3	1	19.80	19.99	19.80	20.70
1.4	256QAM	3	3	19.83	19.93	19.82	20.70
1.4	256QAM	6	0	19.92	20.15	19.96	20.70

【LTE Band 5_Ant 0_DSI1】

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	25.21	25.24	25.12	25.70
10	QPSK	1	25	24.96	25.12	24.86	25.70
10	QPSK	1	49	25.12	25.21	25.01	25.70
10	QPSK	25	0	23.98	24.21	23.95	24.70
10	QPSK	25	12	23.89	24.11	23.90	24.70
10	QPSK	25	25	23.98	24.16	23.89	24.70
10	QPSK	50	0	24.09	24.19	23.98	24.70
10	16QAM	1	0	24.14	24.23	23.95	24.70
10	16QAM	1	25	23.94	24.15	23.84	24.70
10	16QAM	1	49	23.95	24.13	23.96	24.70
10	16QAM	25	0	22.90	23.09	22.79	23.70
10	16QAM	25	12	23.00	23.15	22.97	23.70
10	16QAM	25	25	22.96	23.17	22.96	23.70
10	16QAM	50	0	23.01	23.16	22.88	23.70
10	64QAM	1	0	23.04	23.15	22.97	23.70
10	64QAM	1	25	22.91	23.09	22.86	23.70
10	64QAM	1	49	22.97	23.11	22.85	23.70

10	64QAM	25	0	21.92	22.12	21.83	22.70
10	64QAM	25	12	21.84	22.06	21.79	22.70
10	64QAM	25	25	21.88	22.01	21.78	22.70
10	64QAM	50	0	22.02	22.18	21.95	22.70
10	256QAM	1	0	20.06	20.17	19.90	20.70
10	256QAM	1	25	19.89	20.06	19.89	20.70
10	256QAM	1	49	20.04	20.14	19.94	20.70
10	256QAM	25	0	19.92	20.08	19.92	20.70
10	256QAM	25	12	19.82	20.03	19.82	20.70
10	256QAM	25	25	19.89	20.01	19.83	20.70
10	256QAM	50	0	20.02	20.18	20.01	20.70
Channel				20425	20525	20625	Tune-up limit
Frequency (MHz)				826.5	836.5	846.5	(dBm)
5	QPSK	1	0	25.16	25.14	25.07	25.70
5	QPSK	1	12	24.88	24.98	24.82	25.70
5	QPSK	1	24	25.08	25.20	24.95	25.70
5	QPSK	12	0	23.92	24.13	23.82	24.70
5	QPSK	12	7	23.82	24.05	23.84	24.70
5	QPSK	12	13	23.83	24.05	23.85	24.70
5	QPSK	25	0	23.94	24.06	23.91	24.70
5	16QAM	1	0	24.05	24.18	23.84	24.70
5	16QAM	1	12	23.83	24.04	23.79	24.70
5	16QAM	1	24	23.80	24.05	23.91	24.70
5	16QAM	12	0	22.87	23.04	22.68	23.70
5	16QAM	12	7	22.88	23.04	22.82	23.70
5	16QAM	12	13	22.89	23.05	22.94	23.70
5	16QAM	25	0	22.92	23.03	22.83	23.70
5	64QAM	1	0	22.99	23.04	22.95	23.70
5	64QAM	1	12	22.80	23.03	22.81	23.70
5	64QAM	1	24	22.90	23.03	22.73	23.70
5	64QAM	12	0	21.88	22.11	21.78	22.70
5	64QAM	12	7	21.80	21.93	21.73	22.70
5	64QAM	12	13	21.82	21.97	21.76	22.70
5	64QAM	25	0	22.00	22.07	21.86	22.70
5	256QAM	1	0	19.96	20.15	19.79	20.70
5	256QAM	1	12	19.75	20.02	19.82	20.70
5	256QAM	1	24	20.02	20.11	19.90	20.70
5	256QAM	12	0	19.87	19.95	19.77	20.70
5	256QAM	12	7	19.77	19.89	19.69	20.70
5	256QAM	12	13	19.86	19.98	19.73	20.70
5	256QAM	25	0	19.91	20.09	19.90	20.70
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	25.19	25.23	25.05	25.70
3	QPSK	1	8	24.94	24.99	24.83	25.70
3	QPSK	1	14	25.07	25.16	24.95	25.70
3	QPSK	8	0	23.96	24.16	23.83	24.70
3	QPSK	8	4	23.83	24.08	23.76	24.70
3	QPSK	8	7	23.91	24.11	23.79	24.70
3	QPSK	15	0	24.00	24.13	23.96	24.70
3	16QAM	1	0	24.05	24.14	23.90	24.70
3	16QAM	1	8	23.93	24.07	23.71	24.70
3	16QAM	1	14	23.87	24.08	23.89	24.70
3	16QAM	8	0	22.84	22.95	22.76	23.70
3	16QAM	8	4	22.90	23.06	22.83	23.70
3	16QAM	8	7	22.82	23.07	22.95	23.70
3	16QAM	15	0	22.90	23.13	22.75	23.70
3	64QAM	1	0	22.98	23.05	22.84	23.70
3	64QAM	1	8	22.86	22.96	22.71	23.70
3	64QAM	1	14	22.88	23.00	22.82	23.70
3	64QAM	8	0	21.89	22.00	21.74	22.70
3	64QAM	8	4	21.77	22.00	21.70	22.70
3	64QAM	8	7	21.78	21.90	21.72	22.70
3	64QAM	15	0	21.92	22.15	21.91	22.70
3	256QAM	1	0	19.94	20.11	19.80	20.70
3	256QAM	1	8	19.76	19.94	19.83	20.70
3	256QAM	1	14	19.96	20.09	19.92	20.70
3	256QAM	8	0	19.91	19.96	19.82	20.70
3	256QAM	8	4	19.77	19.94	19.76	20.70
3	256QAM	8	7	19.75	19.90	19.80	20.70
3	256QAM	15	0	19.92	20.15	19.97	20.70
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	25.08	25.16	25.05	25.70
1.4	QPSK	1	3	24.91	25.04	24.80	25.70
1.4	QPSK	1	5	24.99	25.19	24.99	25.70
1.4	QPSK	3	0	24.84	25.12	24.85	25.70
1.4	QPSK	3	1	24.87	25.01	24.81	25.70

1.4	QPSK	3	3	24.85	25.10	24.76	25.70
1.4	QPSK	6	0	23.94	24.12	23.91	24.70
1.4	16QAM	1	0	24.09	24.11	23.84	24.70
1.4	16QAM	1	3	23.84	24.06	23.78	24.70
1.4	16QAM	1	5	23.83	24.08	23.87	24.70
1.4	16QAM	3	0	23.81	24.00	23.68	24.70
1.4	16QAM	3	1	23.91	24.09	23.85	24.70
1.4	16QAM	3	3	23.85	24.14	23.93	24.70
1.4	16QAM	6	0	22.97	23.12	22.87	23.70
1.4	64QAM	1	0	22.91	23.06	22.85	23.70
1.4	64QAM	1	3	22.78	23.06	22.78	23.70
1.4	64QAM	1	5	22.84	23.09	22.80	23.70
1.4	64QAM	3	0	22.77	22.98	22.80	23.70
1.4	64QAM	3	1	22.79	22.96	22.72	23.70
1.4	64QAM	3	3	22.76	22.96	22.72	23.70
1.4	64QAM	6	0	21.93	22.08	21.80	22.70
1.4	256QAM	1	0	19.92	20.02	19.79	20.70
1.4	256QAM	1	3	19.85	20.05	19.76	20.70
1.4	256QAM	1	5	19.94	20.07	19.92	20.70
1.4	256QAM	3	0	19.86	20.00	19.82	20.70
1.4	256QAM	3	1	19.80	19.99	19.80	20.70
1.4	256QAM	3	3	19.83	19.93	19.82	20.70
1.4	256QAM	6	0	19.92	20.15	19.96	20.70

【LTE Band 5_Ant 0_DSI3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	24.16	24.24	24.21	24.70
10	QPSK	1	25	23.97	24.15	24.07	24.70
10	QPSK	1	49	24.01	24.13	24.01	24.70
10	QPSK	25	0	23.99	24.14	24.08	24.70
10	QPSK	25	12	23.94	24.09	23.97	24.70
10	QPSK	25	25	23.85	24.08	23.94	24.70
10	QPSK	50	0	23.94	24.07	23.94	24.70
10	16QAM	1	0	23.93	24.10	23.92	24.70
10	16QAM	1	25	23.85	24.05	23.96	24.70
10	16QAM	1	49	23.94	24.13	24.07	24.70
10	16QAM	25	0	22.88	23.09	22.95	23.70
10	16QAM	25	12	22.98	23.15	23.11	23.70
10	16QAM	25	25	23.08	23.17	23.09	23.70
10	16QAM	50	0	23.01	23.16	23.01	23.70
10	64QAM	1	0	23.00	23.15	22.99	23.70
10	64QAM	1	25	22.88	23.09	23.00	23.70
10	64QAM	1	49	23.02	23.11	23.04	23.70
10	64QAM	25	0	21.99	22.12	21.97	22.70
10	64QAM	25	12	21.93	22.06	21.96	22.70
10	64QAM	25	25	21.84	22.01	21.87	22.70
10	64QAM	50	0	21.97	22.18	22.04	22.70
10	256QAM	1	0	20.03	20.17	20.05	20.70
10	256QAM	1	25	19.93	20.06	19.92	20.70
10	256QAM	1	49	20.04	20.14	20.09	20.70
10	256QAM	25	0	20.00	20.08	19.97	20.70
10	256QAM	25	12	19.90	20.03	19.97	20.70
10	256QAM	25	25	19.84	20.01	19.96	20.70
10	256QAM	50	0	20.00	20.18	20.06	20.70
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	24.13	24.21	24.11	24.70
5	QPSK	1	12	23.91	24.06	23.95	24.70
5	QPSK	1	24	23.96	23.99	23.95	24.70
5	QPSK	12	0	23.91	24.04	23.97	24.70
5	QPSK	12	7	23.81	24.02	23.83	24.70
5	QPSK	12	13	23.76	23.95	23.87	24.70
5	QPSK	25	0	23.88	23.93	23.80	24.70
5	16QAM	1	0	23.87	23.98	23.90	24.70
5	16QAM	1	12	23.77	24.01	23.89	24.70
5	16QAM	1	24	23.90	24.03	23.95	24.70
5	16QAM	12	0	22.78	22.94	22.82	23.70
5	16QAM	12	7	22.84	23.09	23.04	23.70
5	16QAM	12	13	23.06	23.11	23.03	23.70

5	16QAM	25	0	22.87	23.09	22.88	23.70
5	64QAM	1	0	22.86	23.07	22.97	23.70
5	64QAM	1	12	22.76	22.98	22.90	23.70
5	64QAM	1	24	22.97	23.07	23.02	23.70
5	64QAM	12	0	21.94	22.03	21.89	22.70
5	64QAM	12	7	21.88	22.04	21.84	22.70
5	64QAM	12	13	21.82	21.90	21.76	22.70
5	64QAM	25	0	21.89	22.10	21.97	22.70
5	256QAM	1	0	19.95	20.15	19.95	20.70
5	256QAM	1	12	19.83	20.01	19.79	20.70
5	256QAM	1	24	19.96	20.06	19.97	20.70
5	256QAM	12	0	19.87	19.95	19.91	20.70
5	256QAM	12	7	19.83	19.88	19.92	20.70
5	256QAM	12	13	19.72	19.92	19.88	20.70
5	256QAM	25	0	19.96	20.12	19.99	20.70
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	24.11	24.14	24.11	24.70
3	QPSK	1	8	23.91	24.03	24.01	24.70
3	QPSK	1	14	23.92	23.99	23.88	24.70
3	QPSK	8	0	23.84	24.02	24.06	24.70
3	QPSK	8	4	23.92	24.08	23.85	24.70
3	QPSK	8	7	23.82	23.97	23.81	24.70
3	QPSK	15	0	23.85	24.05	23.89	24.70
3	16QAM	1	0	23.90	24.08	23.79	24.70
3	16QAM	1	8	23.83	23.92	23.90	24.70
3	16QAM	1	14	23.89	24.07	23.93	24.70
3	16QAM	8	0	22.86	22.98	22.92	23.70
3	16QAM	8	4	22.84	23.06	23.08	23.70
3	16QAM	8	7	22.94	23.04	23.02	23.70
3	16QAM	15	0	22.91	23.06	23.00	23.70
3	64QAM	1	0	22.89	23.06	22.89	23.70
3	64QAM	1	8	22.79	23.03	22.88	23.70
3	64QAM	1	14	22.99	22.98	22.92	23.70
3	64QAM	8	0	21.91	21.99	21.92	22.70
3	64QAM	8	4	21.82	21.98	21.83	22.70
3	64QAM	8	7	21.80	21.91	21.83	22.70
3	64QAM	15	0	21.88	22.05	21.93	22.70
3	256QAM	1	0	19.95	20.11	20.00	20.70
3	256QAM	1	8	19.91	20.02	19.84	20.70
3	256QAM	1	14	19.89	20.03	19.95	20.70
3	256QAM	8	0	19.90	19.94	19.84	20.70
3	256QAM	8	4	19.80	19.96	19.88	20.70
3	256QAM	8	7	19.80	19.97	19.84	20.70
3	256QAM	15	0	19.90	20.11	19.91	20.70
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	24.13	24.12	24.11	24.70
1.4	QPSK	1	3	23.91	24.01	23.93	24.70
1.4	QPSK	1	5	23.88	24.01	23.96	24.70
1.4	QPSK	3	0	23.89	24.03	24.04	24.70
1.4	QPSK	3	1	23.85	23.97	23.93	24.70
1.4	QPSK	3	3	23.83	23.93	23.83	24.70
1.4	QPSK	6	0	23.81	23.93	23.85	24.70
1.4	16QAM	1	0	23.90	23.98	23.79	24.70
1.4	16QAM	1	3	23.75	23.92	23.91	24.70
1.4	16QAM	1	5	23.91	24.06	23.96	24.70
1.4	16QAM	3	0	23.83	24.01	23.81	24.70
1.4	16QAM	3	1	23.96	24.11	23.96	24.70
1.4	16QAM	3	3	23.94	24.13	23.95	24.70
1.4	16QAM	6	0	22.92	23.04	22.90	23.70
1.4	64QAM	1	0	22.86	23.01	22.89	23.70
1.4	64QAM	1	3	22.83	23.07	22.99	23.70
1.4	64QAM	1	5	22.88	22.99	22.91	23.70
1.4	64QAM	3	0	22.92	23.02	22.86	23.70
1.4	64QAM	3	1	22.86	22.92	22.89	23.70
1.4	64QAM	3	3	22.70	22.95	22.77	23.70
1.4	64QAM	6	0	21.84	22.16	21.93	22.70
1.4	256QAM	1	0	19.96	20.16	20.00	20.70
1.4	256QAM	1	3	19.88	19.94	19.84	20.70
1.4	256QAM	1	5	20.03	20.04	20.08	20.70
1.4	256QAM	3	0	19.86	19.93	19.87	20.70
1.4	256QAM	3	1	19.81	20.00	19.88	20.70
1.4	256QAM	3	3	19.76	19.98	19.92	20.70
1.4	256QAM	6	0	19.93	20.15	19.98	20.70

【LTE Band 5_Ant 0_DSI4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	25.21	25.24	25.12	25.70
10	QPSK	1	25	24.96	25.12	24.86	25.70
10	QPSK	1	49	25.12	25.21	25.01	25.70
10	QPSK	25	0	23.98	24.21	23.95	24.70
10	QPSK	25	12	23.89	24.11	23.90	24.70
10	QPSK	25	25	23.98	24.16	23.89	24.70
10	QPSK	50	0	24.09	24.19	23.98	24.70
10	16QAM	1	0	24.14	24.23	23.95	24.70
10	16QAM	1	25	23.94	24.15	23.84	24.70
10	16QAM	1	49	23.95	24.13	23.96	24.70
10	16QAM	25	0	22.90	23.09	22.79	23.70
10	16QAM	25	12	23.00	23.15	22.97	23.70
10	16QAM	25	25	22.96	23.17	22.96	23.70
10	16QAM	50	0	23.01	23.16	22.88	23.70
10	64QAM	1	0	23.04	23.15	22.97	23.70
10	64QAM	1	25	22.91	23.09	22.86	23.70
10	64QAM	1	49	22.97	23.11	22.85	23.70
10	64QAM	25	0	21.92	22.12	21.83	22.70
10	64QAM	25	12	21.84	22.06	21.79	22.70
10	64QAM	25	25	21.88	22.01	21.78	22.70
10	64QAM	50	0	22.02	22.18	21.95	22.70
10	256QAM	1	0	20.06	20.17	19.90	20.70
10	256QAM	1	25	19.89	20.06	19.89	20.70
10	256QAM	1	49	20.04	20.14	19.94	20.70
10	256QAM	25	0	19.92	20.08	19.92	20.70
10	256QAM	25	12	19.82	20.03	19.82	20.70
10	256QAM	25	25	19.89	20.01	19.83	20.70
10	256QAM	50	0	20.02	20.18	20.01	20.70
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	25.16	25.14	25.07	25.70
5	QPSK	1	12	24.88	24.98	24.82	25.70
5	QPSK	1	24	25.08	25.20	24.95	25.70
5	QPSK	12	0	23.92	24.13	23.82	24.70
5	QPSK	12	7	23.82	24.05	23.84	24.70
5	QPSK	12	13	23.83	24.05	23.85	24.70
5	QPSK	25	0	23.94	24.06	23.91	24.70
5	16QAM	1	0	24.05	24.18	23.84	24.70
5	16QAM	1	12	23.83	24.04	23.79	24.70
5	16QAM	1	24	23.80	24.05	23.91	24.70
5	16QAM	12	0	22.87	23.04	22.68	23.70
5	16QAM	12	7	22.88	23.04	22.82	23.70
5	16QAM	12	13	22.89	23.05	22.94	23.70
5	16QAM	25	0	22.92	23.03	22.83	23.70
5	64QAM	1	0	22.99	23.04	22.95	23.70
5	64QAM	1	12	22.80	23.03	22.81	23.70
5	64QAM	1	24	22.90	23.03	22.73	23.70
5	64QAM	12	0	21.88	22.11	21.78	22.70
5	64QAM	12	7	21.80	21.93	21.73	22.70
5	64QAM	12	13	21.82	21.97	21.76	22.70
5	64QAM	25	0	22.00	22.07	21.86	22.70
5	256QAM	1	0	19.96	20.15	19.79	20.70
5	256QAM	1	12	19.75	20.02	19.82	20.70
5	256QAM	1	24	20.02	20.11	19.90	20.70
5	256QAM	12	0	19.87	19.95	19.77	20.70
5	256QAM	12	7	19.77	19.89	19.69	20.70
5	256QAM	12	13	19.86	19.98	19.73	20.70
5	256QAM	25	0	19.91	20.09	19.90	20.70
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	25.19	25.23	25.05	25.70
3	QPSK	1	8	24.94	24.99	24.83	25.70
3	QPSK	1	14	25.07	25.16	24.95	25.70
3	QPSK	8	0	23.96	24.16	23.83	24.70
3	QPSK	8	4	23.83	24.08	23.76	24.70
3	QPSK	8	7	23.91	24.11	23.79	24.70
3	QPSK	15	0	24.00	24.13	23.96	24.70
3	16QAM	1	0	24.05	24.14	23.90	24.70
3	16QAM	1	8	23.93	24.07	23.71	24.70

3	16QAM	1	14	23.87	24.08	23.89	24.70
3	16QAM	8	0	22.84	22.95	22.76	23.70
3	16QAM	8	4	22.90	23.06	22.83	23.70
3	16QAM	8	7	22.82	23.07	22.95	23.70
3	16QAM	15	0	22.90	23.13	22.75	23.70
3	64QAM	1	0	22.98	23.05	22.84	23.70
3	64QAM	1	8	22.86	22.96	22.71	23.70
3	64QAM	1	14	22.88	23.00	22.82	23.70
3	64QAM	8	0	21.89	22.00	21.74	22.70
3	64QAM	8	4	21.77	22.00	21.70	22.70
3	64QAM	8	7	21.78	21.90	21.72	22.70
3	64QAM	15	0	21.92	22.15	21.91	22.70
3	256QAM	1	0	19.94	20.11	19.80	20.70
3	256QAM	1	8	19.76	19.94	19.83	20.70
3	256QAM	1	14	19.96	20.09	19.92	20.70
3	256QAM	8	0	19.91	19.96	19.82	20.70
3	256QAM	8	4	19.77	19.94	19.76	20.70
3	256QAM	8	7	19.75	19.90	19.80	20.70
3	256QAM	15	0	19.92	20.15	19.97	20.70
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	25.08	25.16	25.05	25.70
1.4	QPSK	1	3	24.91	25.04	24.80	25.70
1.4	QPSK	1	5	24.99	25.19	24.99	25.70
1.4	QPSK	3	0	24.84	25.12	24.85	25.70
1.4	QPSK	3	1	24.87	25.01	24.81	25.70
1.4	QPSK	3	3	24.85	25.10	24.76	25.70
1.4	QPSK	6	0	23.94	24.12	23.91	24.70
1.4	16QAM	1	0	24.09	24.11	23.84	24.70
1.4	16QAM	1	3	23.84	24.06	23.78	24.70
1.4	16QAM	1	5	23.83	24.08	23.87	24.70
1.4	16QAM	3	0	23.81	24.00	23.68	24.70
1.4	16QAM	3	1	23.91	24.09	23.85	24.70
1.4	16QAM	3	3	23.85	24.14	23.93	24.70
1.4	16QAM	6	0	22.97	23.12	22.87	23.70
1.4	64QAM	1	0	22.91	23.06	22.85	23.70
1.4	64QAM	1	3	22.78	23.06	22.78	23.70
1.4	64QAM	1	5	22.84	23.09	22.80	23.70
1.4	64QAM	3	0	22.77	22.98	22.80	23.70
1.4	64QAM	3	1	22.79	22.96	22.72	23.70
1.4	64QAM	3	3	22.76	22.96	22.72	23.70
1.4	64QAM	6	0	21.93	22.08	21.80	22.70
1.4	256QAM	1	0	19.92	20.02	19.79	20.70
1.4	256QAM	1	3	19.85	20.05	19.76	20.70
1.4	256QAM	1	5	19.94	20.07	19.92	20.70
1.4	256QAM	3	0	19.86	20.00	19.82	20.70
1.4	256QAM	3	1	19.80	19.99	19.80	20.70
1.4	256QAM	3	3	19.83	19.93	19.82	20.70
1.4	256QAM	6	0	19.92	20.15	19.96	20.70

【LTE Band 5_Ant 0_DSI5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	24.16	24.24	24.21	24.70
10	QPSK	1	25	23.97	24.15	24.07	24.70
10	QPSK	1	49	24.01	24.13	24.01	24.70
10	QPSK	25	0	23.99	24.14	24.08	24.70
10	QPSK	25	12	23.94	24.09	23.97	24.70
10	QPSK	25	25	23.85	24.08	23.94	24.70
10	QPSK	50	0	23.94	24.07	23.94	24.70
10	16QAM	1	0	23.93	24.10	23.92	24.70
10	16QAM	1	25	23.85	24.05	23.96	24.70
10	16QAM	1	49	23.94	24.13	24.07	24.70
10	16QAM	25	0	22.88	23.09	22.95	23.70
10	16QAM	25	12	22.98	23.15	23.11	23.70
10	16QAM	25	25	23.08	23.17	23.09	23.70
10	16QAM	50	0	23.01	23.16	23.01	23.70
10	64QAM	1	0	23.00	23.15	22.99	23.70
10	64QAM	1	25	22.88	23.09	23.00	23.70
10	64QAM	1	49	23.02	23.11	23.04	23.70

10	64QAM	25	0	21.99	22.12	21.97	22.70
10	64QAM	25	12	21.93	22.06	21.96	22.70
10	64QAM	25	25	21.84	22.01	21.87	22.70
10	64QAM	50	0	21.97	22.18	22.04	22.70
10	256QAM	1	0	20.03	20.17	20.05	20.70
10	256QAM	1	25	19.93	20.06	19.92	20.70
10	256QAM	1	49	20.04	20.14	20.09	20.70
10	256QAM	25	0	20.00	20.08	19.97	20.70
10	256QAM	25	12	19.90	20.03	19.97	20.70
10	256QAM	25	25	19.84	20.01	19.96	20.70
10	256QAM	50	0	20.00	20.18	20.06	20.70
Channel				20425	20525	20625	Tune-up limit
Frequency (MHz)				826.5	836.5	846.5	(dBm)
5	QPSK	1	0	24.13	24.21	24.11	24.70
5	QPSK	1	12	23.91	24.06	23.95	24.70
5	QPSK	1	24	23.96	23.99	23.95	24.70
5	QPSK	12	0	23.91	24.04	23.97	24.70
5	QPSK	12	7	23.81	24.02	23.83	24.70
5	QPSK	12	13	23.76	23.95	23.87	24.70
5	QPSK	25	0	23.88	23.93	23.80	24.70
5	16QAM	1	0	23.87	23.98	23.90	24.70
5	16QAM	1	12	23.77	24.01	23.89	24.70
5	16QAM	1	24	23.90	24.03	23.95	24.70
5	16QAM	12	0	22.78	22.94	22.82	23.70
5	16QAM	12	7	22.84	23.09	23.04	23.70
5	16QAM	12	13	23.06	23.11	23.03	23.70
5	16QAM	25	0	22.87	23.09	22.88	23.70
5	64QAM	1	0	22.86	23.07	22.97	23.70
5	64QAM	1	12	22.76	22.98	22.90	23.70
5	64QAM	1	24	22.97	23.07	23.02	23.70
5	64QAM	12	0	21.94	22.03	21.89	22.70
5	64QAM	12	7	21.88	22.04	21.84	22.70
5	64QAM	12	13	21.82	21.90	21.76	22.70
5	64QAM	25	0	21.89	22.10	21.97	22.70
5	256QAM	1	0	19.95	20.15	19.95	20.70
5	256QAM	1	12	19.83	20.01	19.79	20.70
5	256QAM	1	24	19.96	20.06	19.97	20.70
5	256QAM	12	0	19.87	19.95	19.91	20.70
5	256QAM	12	7	19.83	19.88	19.92	20.70
5	256QAM	12	13	19.72	19.92	19.88	20.70
5	256QAM	25	0	19.96	20.12	19.99	20.70
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	24.11	24.14	24.11	24.70
3	QPSK	1	8	23.91	24.03	24.01	24.70
3	QPSK	1	14	23.92	23.99	23.88	24.70
3	QPSK	8	0	23.84	24.02	24.06	24.70
3	QPSK	8	4	23.92	24.08	23.85	24.70
3	QPSK	8	7	23.82	23.97	23.81	24.70
3	QPSK	15	0	23.85	24.05	23.89	24.70
3	16QAM	1	0	23.90	24.08	23.79	24.70
3	16QAM	1	8	23.83	23.92	23.90	24.70
3	16QAM	1	14	23.89	24.07	23.93	24.70
3	16QAM	8	0	22.86	22.98	22.92	23.70
3	16QAM	8	4	22.84	23.06	23.08	23.70
3	16QAM	8	7	22.94	23.04	23.02	23.70
3	16QAM	15	0	22.91	23.06	23.00	23.70
3	64QAM	1	0	22.89	23.06	22.89	23.70
3	64QAM	1	8	22.79	23.03	22.88	23.70
3	64QAM	1	14	22.99	22.98	22.92	23.70
3	64QAM	8	0	21.91	21.99	21.92	22.70
3	64QAM	8	4	21.82	21.98	21.83	22.70
3	64QAM	8	7	21.80	21.91	21.83	22.70
3	64QAM	15	0	21.88	22.05	21.93	22.70
3	256QAM	1	0	19.95	20.11	20.00	20.70
3	256QAM	1	8	19.91	20.02	19.84	20.70
3	256QAM	1	14	19.89	20.03	19.95	20.70
3	256QAM	8	0	19.90	19.94	19.84	20.70
3	256QAM	8	4	19.80	19.96	19.88	20.70
3	256QAM	8	7	19.80	19.97	19.84	20.70
3	256QAM	15	0	19.90	20.11	19.91	20.70
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	24.13	24.12	24.11	24.70
1.4	QPSK	1	3	23.91	24.01	23.93	24.70
1.4	QPSK	1	5	23.88	24.01	23.96	24.70
1.4	QPSK	3	0	23.89	24.03	24.04	24.70
1.4	QPSK	3	1	23.85	23.97	23.93	24.70

1.4	QPSK	3	3	23.83	23.93	23.83	24.70
1.4	QPSK	6	0	23.81	23.93	23.85	24.70
1.4	16QAM	1	0	23.90	23.98	23.79	24.70
1.4	16QAM	1	3	23.75	23.92	23.91	24.70
1.4	16QAM	1	5	23.91	24.06	23.96	24.70
1.4	16QAM	3	0	23.83	24.01	23.81	24.70
1.4	16QAM	3	1	23.96	24.11	23.96	24.70
1.4	16QAM	3	3	23.94	24.13	23.95	24.70
1.4	16QAM	6	0	22.92	23.04	22.90	23.70
1.4	64QAM	1	0	22.86	23.01	22.89	23.70
1.4	64QAM	1	3	22.83	23.07	22.99	23.70
1.4	64QAM	1	5	22.88	22.99	22.91	23.70
1.4	64QAM	3	0	22.92	23.02	22.86	23.70
1.4	64QAM	3	1	22.86	22.92	22.89	23.70
1.4	64QAM	3	3	22.70	22.95	22.77	23.70
1.4	64QAM	6	0	21.84	22.16	21.93	22.70
1.4	256QAM	1	0	19.96	20.16	20.00	20.70
1.4	256QAM	1	3	19.88	19.94	19.84	20.70
1.4	256QAM	1	5	20.03	20.04	20.08	20.70
1.4	256QAM	3	0	19.86	19.93	19.87	20.70
1.4	256QAM	3	1	19.81	20.00	19.88	20.70
1.4	256QAM	3	3	19.76	19.98	19.92	20.70
1.4	256QAM	6	0	19.93	20.15	19.98	20.70

【LTE Band 5_Ant 1_Default】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	24.74	24.78	24.71	25.70
10	QPSK	1	25	24.64	24.73	24.57	25.70
10	QPSK	1	49	24.54	24.68	24.49	25.70
10	QPSK	25	0	23.54	23.70	23.49	24.70
10	QPSK	25	12	23.63	23.68	23.60	24.70
10	QPSK	25	25	23.53	23.67	23.49	24.70
10	QPSK	50	0	23.57	23.69	23.56	24.70
10	16QAM	1	0	23.80	23.92	23.75	24.70
10	16QAM	1	25	23.83	23.90	23.79	24.70
10	16QAM	1	49	23.83	23.96	23.87	24.70
10	16QAM	25	0	22.52	22.68	22.58	23.70
10	16QAM	25	12	22.58	22.64	22.51	23.70
10	16QAM	25	25	22.49	22.63	22.48	23.70
10	16QAM	50	0	22.58	22.71	22.52	23.70
10	64QAM	1	0	22.58	22.74	22.56	23.70
10	64QAM	1	25	22.68	22.74	22.56	23.70
10	64QAM	1	49	22.48	22.65	22.44	23.70
10	64QAM	25	0	21.46	21.62	21.53	22.70
10	64QAM	25	12	21.44	21.61	21.44	22.70
10	64QAM	25	25	21.52	21.57	21.38	22.70
10	64QAM	50	0	21.64	21.73	21.58	22.70
10	256QAM	1	0	19.48	19.60	19.48	20.70
10	256QAM	1	25	19.49	19.58	19.40	20.70
10	256QAM	1	49	19.55	19.65	19.48	20.70
10	256QAM	25	0	19.45	19.63	19.55	20.70
10	256QAM	25	12	19.53	19.67	19.48	20.70
10	256QAM	25	25	19.58	19.68	19.48	20.70
10	256QAM	50	0	19.66	19.71	19.63	20.70
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	24.72	24.72	24.56	25.70
5	QPSK	1	12	24.63	24.67	24.51	25.70
5	QPSK	1	24	24.51	24.58	24.41	25.70
5	QPSK	12	0	23.46	23.65	23.45	24.70
5	QPSK	12	7	23.51	23.66	23.58	24.70
5	QPSK	12	13	23.46	23.57	23.35	24.70
5	QPSK	25	0	23.48	23.59	23.52	24.70
5	16QAM	1	0	23.72	23.89	23.70	24.70
5	16QAM	1	12	23.82	23.76	23.68	24.70
5	16QAM	1	24	23.74	23.91	23.83	24.70
5	16QAM	12	0	22.50	22.65	22.57	23.70
5	16QAM	12	7	22.43	22.52	22.39	23.70
5	16QAM	12	13	22.44	22.51	22.46	23.70

5	16QAM	25	0	22.56	22.65	22.37	23.70
5	64QAM	1	0	22.43	22.69	22.50	23.70
5	64QAM	1	12	22.54	22.62	22.49	23.70
5	64QAM	1	24	22.46	22.62	22.36	23.70
5	64QAM	12	0	21.41	21.47	21.50	22.70
5	64QAM	12	7	21.39	21.59	21.40	22.70
5	64QAM	12	13	21.48	21.49	21.32	22.70
5	64QAM	25	0	21.53	21.66	21.56	22.70
5	256QAM	1	0	19.42	19.49	19.40	20.70
5	256QAM	1	12	19.42	19.54	19.30	20.70
5	256QAM	1	24	19.54	19.60	19.43	20.70
5	256QAM	12	0	19.30	19.49	19.50	20.70
5	256QAM	12	7	19.48	19.52	19.46	20.70
5	256QAM	12	13	19.54	19.64	19.37	20.70
5	256QAM	25	0	19.59	19.57	19.54	20.70
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	24.61	24.70	24.65	25.70
3	QPSK	1	8	24.58	24.68	24.51	25.70
3	QPSK	1	14	24.49	24.65	24.37	25.70
3	QPSK	8	0	23.42	23.66	23.44	24.70
3	QPSK	8	4	23.49	23.63	23.56	24.70
3	QPSK	8	7	23.42	23.52	23.44	24.70
3	QPSK	15	0	23.44	23.67	23.47	24.70
3	16QAM	1	0	23.75	23.90	23.72	24.70
3	16QAM	1	8	23.78	23.89	23.71	24.70
3	16QAM	1	14	23.72	23.83	23.72	24.70
3	16QAM	8	0	22.39	22.54	22.48	23.70
3	16QAM	8	4	22.47	22.58	22.37	23.70
3	16QAM	8	7	22.42	22.59	22.37	23.70
3	16QAM	15	0	22.52	22.69	22.43	23.70
3	64QAM	1	0	22.49	22.59	22.43	23.70
3	64QAM	1	8	22.63	22.71	22.54	23.70
3	64QAM	1	14	22.35	22.62	22.40	23.70
3	64QAM	8	0	21.34	21.59	21.49	22.70
3	64QAM	8	4	21.32	21.56	21.34	22.70
3	64QAM	8	7	21.45	21.46	21.26	22.70
3	64QAM	15	0	21.51	21.60	21.56	22.70
3	256QAM	1	0	19.38	19.53	19.42	20.70
3	256QAM	1	8	19.43	19.53	19.38	20.70
3	256QAM	1	14	19.45	19.59	19.44	20.70
3	256QAM	8	0	19.36	19.53	19.41	20.70
3	256QAM	8	4	19.44	19.54	19.40	20.70
3	256QAM	8	7	19.56	19.61	19.41	20.70
3	256QAM	15	0	19.53	19.61	19.56	20.70
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	24.67	24.63	24.64	25.70
1.4	QPSK	1	3	24.55	24.58	24.47	25.70
1.4	QPSK	1	5	24.42	24.66	24.42	25.70
1.4	QPSK	3	0	24.43	24.57	24.47	25.70
1.4	QPSK	3	1	24.56	24.62	24.53	25.70
1.4	QPSK	3	3	24.45	24.61	24.48	25.70
1.4	QPSK	6	0	23.48	23.57	23.42	24.70
1.4	16QAM	1	0	23.76	23.89	23.72	24.70
1.4	16QAM	1	3	23.80	23.89	23.67	24.70
1.4	16QAM	1	5	23.70	23.84	23.74	24.70
1.4	16QAM	3	0	23.42	23.61	23.50	24.70
1.4	16QAM	3	1	23.51	23.57	23.50	24.70
1.4	16QAM	3	3	23.35	23.52	23.40	24.70
1.4	16QAM	6	0	22.54	22.66	22.40	23.70
1.4	64QAM	1	0	22.46	22.62	22.50	23.70
1.4	64QAM	1	3	22.66	22.67	22.50	23.70
1.4	64QAM	1	5	22.41	22.56	22.34	23.70
1.4	64QAM	3	0	22.37	22.49	22.46	23.70
1.4	64QAM	3	1	22.38	22.51	22.34	23.70
1.4	64QAM	3	3	22.41	22.48	22.32	23.70
1.4	64QAM	6	0	21.61	21.68	21.43	22.70
1.4	256QAM	1	0	19.36	19.51	19.41	20.70
1.4	256QAM	1	3	19.42	19.55	19.30	20.70
1.4	256QAM	1	5	19.44	19.57	19.47	20.70
1.4	256QAM	3	0	19.38	19.62	19.53	20.70
1.4	256QAM	3	1	19.44	19.57	19.44	20.70
1.4	256QAM	3	3	19.55	19.59	19.44	20.70
1.4	256QAM	6	0	19.58	19.63	19.51	20.70

【LTE Band 5_Ant 1_DSI1】

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	21.73	21.79	21.70	22.70
10	QPSK	1	25	21.65	21.76	21.61	22.70
10	QPSK	1	49	21.55	21.72	21.51	22.70
10	QPSK	25	0	21.69	21.72	21.65	22.70
10	QPSK	25	12	21.58	21.67	21.47	22.70
10	QPSK	25	25	21.58	21.71	21.48	22.70
10	QPSK	50	0	21.54	21.67	21.57	22.70
10	16QAM	1	0	21.57	21.74	21.53	22.70
10	16QAM	1	25	21.43	21.62	21.44	22.70
10	16QAM	1	49	21.56	21.68	21.56	22.70
10	16QAM	25	0	21.50	21.69	21.55	22.70
10	16QAM	25	12	21.46	21.65	21.48	22.70
10	16QAM	25	25	21.56	21.71	21.53	22.70
10	16QAM	50	0	21.53	21.72	21.58	22.70
10	64QAM	1	0	21.53	21.66	21.45	22.70
10	64QAM	1	25	21.61	21.69	21.52	22.70
10	64QAM	1	49	22.48	22.65	22.43	22.70
10	64QAM	25	0	21.46	21.62	21.53	22.70
10	64QAM	25	12	21.44	21.61	21.44	22.70
10	64QAM	25	25	21.52	21.57	21.38	22.70
10	64QAM	50	0	21.64	21.73	21.58	22.70
10	256QAM	1	0	19.48	19.60	19.48	20.70
10	256QAM	1	25	19.49	19.58	19.40	20.70
10	256QAM	1	49	19.55	19.65	19.48	20.70
10	256QAM	25	0	19.45	19.63	19.55	20.70
10	256QAM	25	12	19.53	19.67	19.48	20.70
10	256QAM	25	25	19.58	19.68	19.48	20.70
10	256QAM	50	0	19.66	19.71	19.63	20.70
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	21.58	21.72	21.61	22.70
5	QPSK	1	12	21.54	21.73	21.55	22.70
5	QPSK	1	24	21.44	21.68	21.43	22.70
5	QPSK	12	0	21.67	21.70	21.64	22.70
5	QPSK	12	7	21.57	21.66	21.39	22.70
5	QPSK	12	13	21.48	21.66	21.46	22.70
5	QPSK	25	0	21.53	21.64	21.48	22.70
5	16QAM	1	0	21.50	21.64	21.39	22.70
5	16QAM	1	12	21.33	21.48	21.36	22.70
5	16QAM	1	24	21.45	21.58	21.49	22.70
5	16QAM	12	0	21.38	21.64	21.43	22.70
5	16QAM	12	7	21.36	21.53	21.38	22.70
5	16QAM	12	13	21.48	21.61	21.41	22.70
5	16QAM	25	0	21.50	21.58	21.44	22.70
5	64QAM	1	0	21.51	21.64	21.37	22.70
5	64QAM	1	12	21.49	21.64	21.49	22.70
5	64QAM	1	24	22.35	22.51	22.36	22.70
5	64QAM	12	0	21.44	21.59	21.43	22.70
5	64QAM	12	7	21.38	21.52	21.42	22.70
5	64QAM	12	13	21.44	21.52	21.35	22.70
5	64QAM	25	0	21.56	21.58	21.52	22.70
5	256QAM	1	0	19.41	19.55	19.38	20.70
5	256QAM	1	12	19.38	19.53	19.38	20.70
5	256QAM	1	24	19.46	19.61	19.44	20.70
5	256QAM	12	0	19.39	19.48	19.49	20.70
5	256QAM	12	7	19.48	19.52	19.41	20.70
5	256QAM	12	13	19.44	19.59	19.34	20.70
5	256QAM	25	0	19.56	19.68	19.62	20.70
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	21.59	21.75	21.58	22.70
3	QPSK	1	8	21.52	21.67	21.49	22.70
3	QPSK	1	14	21.51	21.62	21.39	22.70
3	QPSK	8	0	21.57	21.70	21.55	22.70
3	QPSK	8	4	21.51	21.56	21.41	22.70
3	QPSK	8	7	21.56	21.66	21.46	22.70
3	QPSK	15	0	21.47	21.65	21.45	22.70
3	16QAM	1	0	21.54	21.65	21.50	22.70
3	16QAM	1	8	21.39	21.57	21.34	22.70

3	16QAM	1	14	21.46	21.64	21.43	22.70
3	16QAM	8	0	21.42	21.61	21.53	22.70
3	16QAM	8	4	21.39	21.51	21.39	22.70
3	16QAM	8	7	21.46	21.58	21.49	22.70
3	16QAM	15	0	21.41	21.65	21.57	22.70
3	64QAM	1	0	21.50	21.62	21.44	22.70
3	64QAM	1	8	21.53	21.64	21.45	22.70
3	64QAM	1	14	22.34	22.61	22.31	22.70
3	64QAM	8	0	21.39	21.55	21.50	22.70
3	64QAM	8	4	21.35	21.58	21.31	22.70
3	64QAM	8	7	21.42	21.44	21.26	22.70
3	64QAM	15	0	21.50	21.64	21.53	22.70
3	256QAM	1	0	19.34	19.56	19.33	20.70
3	256QAM	1	8	19.37	19.57	19.27	20.70
3	256QAM	1	14	19.54	19.58	19.34	20.70
3	256QAM	8	0	19.35	19.53	19.48	20.70
3	256QAM	8	4	19.50	19.54	19.38	20.70
3	256QAM	8	7	19.56	19.57	19.42	20.70
3	256QAM	15	0	19.60	19.60	19.51	20.70
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	21.60	21.65	21.57	22.70
1.4	QPSK	1	3	21.63	21.70	21.46	22.70
1.4	QPSK	1	5	21.41	21.60	21.37	22.70
1.4	QPSK	3	0	21.64	21.67	21.61	22.70
1.4	QPSK	3	1	21.46	21.53	21.33	22.70
1.4	QPSK	3	3	21.56	21.61	21.45	22.70
1.4	QPSK	6	0	21.49	21.60	21.42	22.70
1.4	16QAM	1	0	21.47	21.61	21.50	22.70
1.4	16QAM	1	3	21.31	21.53	21.33	22.70
1.4	16QAM	1	5	21.49	21.59	21.54	22.70
1.4	16QAM	3	0	21.36	21.56	21.40	22.70
1.4	16QAM	3	1	21.44	21.53	21.35	22.70
1.4	16QAM	3	3	21.47	21.62	21.49	22.70
1.4	16QAM	6	0	21.45	21.58	21.56	22.70
1.4	64QAM	1	0	21.51	21.61	21.31	22.70
1.4	64QAM	1	3	21.52	21.57	21.45	22.70
1.4	64QAM	1	5	22.42	22.55	22.31	22.70
1.4	64QAM	3	0	21.41	21.52	21.41	22.70
1.4	64QAM	3	1	21.35	21.54	21.35	22.70
1.4	64QAM	3	3	21.49	21.43	21.29	22.70
1.4	64QAM	6	0	21.49	21.64	21.44	22.70
1.4	256QAM	1	0	19.42	19.48	19.40	20.70
1.4	256QAM	1	3	19.42	19.56	19.37	20.70
1.4	256QAM	1	5	19.43	19.53	19.35	20.70
1.4	256QAM	3	0	19.40	19.59	19.53	20.70
1.4	256QAM	3	1	19.47	19.60	19.46	20.70
1.4	256QAM	3	3	19.52	19.55	19.35	20.70
1.4	256QAM	6	0	19.62	19.59	19.55	20.70

【LTE Band 5_Ant 1_DSI3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	22.27	22.31	22.25	23.20
10	QPSK	1	25	22.24	22.30	22.10	23.20
10	QPSK	1	49	22.03	22.15	22.08	23.20
10	QPSK	25	0	22.15	22.27	22.18	23.20
10	QPSK	25	12	21.99	22.15	22.00	23.20
10	QPSK	25	25	22.07	22.25	22.04	23.20
10	QPSK	50	0	22.02	22.19	22.08	23.20
10	16QAM	1	0	22.00	22.13	21.99	23.20
10	16QAM	1	25	22.10	22.21	22.04	23.20
10	16QAM	1	49	22.10	22.23	22.15	23.20
10	16QAM	25	0	22.11	22.23	22.16	23.20
10	16QAM	25	12	21.93	22.11	21.90	23.20
10	16QAM	25	25	22.03	22.17	21.99	23.20
10	16QAM	50	0	22.15	22.26	22.09	23.20
10	64QAM	1	0	22.00	22.16	22.03	23.20
10	64QAM	1	25	22.13	22.24	22.07	23.20
10	64QAM	1	49	22.14	22.24	22.17	23.20

10	64QAM	25	0	21.46	21.62	21.53	22.70
10	64QAM	25	12	21.44	21.61	21.44	22.70
10	64QAM	25	25	21.52	21.57	21.38	22.70
10	64QAM	50	0	21.64	21.73	21.58	22.70
10	256QAM	1	0	19.48	19.60	19.48	20.70
10	256QAM	1	25	19.49	19.58	19.40	20.70
10	256QAM	1	49	19.55	19.65	19.48	20.70
10	256QAM	25	0	19.45	19.63	19.55	20.70
10	256QAM	25	12	19.53	19.67	19.48	20.70
10	256QAM	25	25	19.58	19.68	19.48	20.70
10	256QAM	50	0	19.66	19.71	19.63	20.70
Channel				20425	20525	20625	Tune-up limit
Frequency (MHz)				826.5	836.5	846.5	(dBm)
5	QPSK	1	0	22.25	22.23	22.23	23.20
5	QPSK	1	12	22.22	22.27	21.98	23.20
5	QPSK	1	24	22.00	22.08	22.04	23.20
5	QPSK	12	0	22.05	22.25	22.04	23.20
5	QPSK	12	7	21.88	22.04	21.96	23.20
5	QPSK	12	13	22.01	22.19	21.94	23.20
5	QPSK	25	0	21.92	22.16	22.03	23.20
5	16QAM	1	0	21.92	22.01	21.89	23.20
5	16QAM	1	12	22.04	22.10	21.94	23.20
5	16QAM	1	24	21.98	22.11	22.11	23.20
5	16QAM	12	0	21.99	22.16	22.10	23.20
5	16QAM	12	7	21.87	22.05	21.81	23.20
5	16QAM	12	13	21.97	22.12	21.92	23.20
5	16QAM	25	0	22.12	22.25	21.94	23.20
5	64QAM	1	0	21.95	22.07	21.95	23.20
5	64QAM	1	12	22.00	22.14	22.04	23.20
5	64QAM	1	24	22.06	22.21	22.05	23.20
5	64QAM	12	0	21.44	21.61	21.42	22.70
5	64QAM	12	7	21.41	21.52	21.34	22.70
5	64QAM	12	13	21.50	21.47	21.33	22.70
5	64QAM	25	0	21.58	21.66	21.49	22.70
5	256QAM	1	0	19.37	19.50	19.35	20.70
5	256QAM	1	12	19.34	19.54	19.36	20.70
5	256QAM	1	24	19.41	19.53	19.39	20.70
5	256QAM	12	0	19.38	19.58	19.52	20.70
5	256QAM	12	7	19.42	19.58	19.41	20.70
5	256QAM	12	13	19.48	19.53	19.35	20.70
5	256QAM	25	0	19.65	19.61	19.49	20.70
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	22.19	22.19	22.24	23.20
3	QPSK	1	8	22.10	22.25	21.97	23.20
3	QPSK	1	14	21.93	22.05	22.03	23.20
3	QPSK	8	0	22.05	22.13	22.13	23.20
3	QPSK	8	4	21.97	22.01	21.98	23.20
3	QPSK	8	7	22.01	22.11	21.93	23.20
3	QPSK	15	0	21.93	22.17	21.98	23.20
3	16QAM	1	0	21.86	21.99	21.84	23.20
3	16QAM	1	8	21.97	22.19	21.96	23.20
3	16QAM	1	14	22.07	22.12	22.09	23.20
3	16QAM	8	0	21.97	22.14	22.08	23.20
3	16QAM	8	4	21.83	21.97	21.83	23.20
3	16QAM	8	7	21.99	22.12	21.85	23.20
3	16QAM	15	0	22.04	22.16	22.00	23.20
3	64QAM	1	0	21.93	22.14	21.97	23.20
3	64QAM	1	8	22.10	22.12	22.00	23.20
3	64QAM	1	14	22.10	22.22	22.12	23.20
3	64QAM	8	0	21.42	21.58	21.40	22.70
3	64QAM	8	4	21.42	21.60	21.42	22.70
3	64QAM	8	7	21.41	21.42	21.34	22.70
3	64QAM	15	0	21.61	21.69	21.55	22.70
3	256QAM	1	0	19.37	19.50	19.35	20.70
3	256QAM	1	8	19.35	19.56	19.33	20.70
3	256QAM	1	14	19.41	19.58	19.46	20.70
3	256QAM	8	0	19.42	19.55	19.45	20.70
3	256QAM	8	4	19.39	19.55	19.41	20.70
3	256QAM	8	7	19.54	19.54	19.34	20.70
3	256QAM	15	0	19.58	19.65	19.58	20.70
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	22.20	22.23	22.11	23.20
1.4	QPSK	1	3	22.18	22.17	22.01	23.20
1.4	QPSK	1	5	21.98	22.10	22.06	23.20
1.4	QPSK	3	0	22.09	22.20	22.10	23.20
1.4	QPSK	3	1	21.98	22.13	21.99	23.20

1.4	QPSK	3	3	22.00	22.11	21.91	23.20
1.4	QPSK	6	0	21.89	22.05	22.05	23.20
1.4	16QAM	1	0	21.95	22.08	21.89	23.20
1.4	16QAM	1	3	22.02	22.16	22.02	23.20
1.4	16QAM	1	5	22.05	22.10	22.11	23.20
1.4	16QAM	3	0	22.00	22.10	22.07	23.20
1.4	16QAM	3	1	21.79	22.00	21.88	23.20
1.4	16QAM	3	3	21.95	22.10	21.89	23.20
1.4	16QAM	6	0	22.00	22.21	22.04	23.20
1.4	64QAM	1	0	21.91	22.01	21.99	23.20
1.4	64QAM	1	3	22.10	22.18	21.95	23.20
1.4	64QAM	1	5	22.05	22.22	22.03	23.20
1.4	64QAM	3	0	21.91	22.00	21.99	23.20
1.4	64QAM	3	1	21.87	22.03	21.91	23.20
1.4	64QAM	3	3	21.96	21.95	21.82	23.20
1.4	64QAM	6	0	21.49	21.68	21.50	22.70
1.4	256QAM	1	0	19.46	19.49	19.47	20.70
1.4	256QAM	1	3	19.46	19.55	19.31	20.70
1.4	256QAM	1	5	19.51	19.54	19.34	20.70
1.4	256QAM	3	0	19.43	19.55	19.54	20.70
1.4	256QAM	3	1	19.43	19.60	19.45	20.70
1.4	256QAM	3	3	19.47	19.67	19.45	20.70
1.4	256QAM	6	0	19.57	19.59	19.51	20.70

【LTE Band 5_Ant 1_DSI4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	22.27	22.31	22.25	23.20
10	QPSK	1	25	22.24	22.30	22.10	23.20
10	QPSK	1	49	22.03	22.15	22.08	23.20
10	QPSK	25	0	22.15	22.27	22.18	23.20
10	QPSK	25	12	21.99	22.15	22.00	23.20
10	QPSK	25	25	22.07	22.25	22.04	23.20
10	QPSK	50	0	22.02	22.19	22.08	23.20
10	16QAM	1	0	22.00	22.13	21.99	23.20
10	16QAM	1	25	22.10	22.21	22.04	23.20
10	16QAM	1	49	22.10	22.23	22.15	23.20
10	16QAM	25	0	22.11	22.23	22.16	23.20
10	16QAM	25	12	21.93	22.11	21.90	23.20
10	16QAM	25	25	22.03	22.17	21.99	23.20
10	16QAM	50	0	22.15	22.26	22.09	23.20
10	64QAM	1	0	22.00	22.16	22.03	23.20
10	64QAM	1	25	22.13	22.24	22.07	23.20
10	64QAM	1	49	22.14	22.24	22.17	23.20
10	64QAM	25	0	21.46	21.62	21.53	22.70
10	64QAM	25	12	21.44	21.61	21.44	22.70
10	64QAM	25	25	21.52	21.57	21.38	22.70
10	64QAM	50	0	21.64	21.73	21.58	22.70
10	256QAM	1	0	19.48	19.60	19.48	20.70
10	256QAM	1	25	19.49	19.58	19.40	20.70
10	256QAM	1	49	19.55	19.65	19.48	20.70
10	256QAM	25	0	19.45	19.63	19.55	20.70
10	256QAM	25	12	19.53	19.67	19.48	20.70
10	256QAM	25	25	19.58	19.68	19.48	20.70
10	256QAM	50	0	19.66	19.71	19.63	20.70
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	22.25	22.23	22.23	23.20
5	QPSK	1	12	22.22	22.27	21.98	23.20
5	QPSK	1	24	22.00	22.08	22.04	23.20
5	QPSK	12	0	22.05	22.25	22.04	23.20
5	QPSK	12	7	21.88	22.04	21.96	23.20
5	QPSK	12	13	22.01	22.19	21.94	23.20
5	QPSK	25	0	21.92	22.16	22.03	23.20
5	16QAM	1	0	21.92	22.01	21.89	23.20
5	16QAM	1	12	22.04	22.10	21.94	23.20
5	16QAM	1	24	21.98	22.11	22.11	23.20
5	16QAM	12	0	21.99	22.16	22.10	23.20
5	16QAM	12	7	21.87	22.05	21.81	23.20
5	16QAM	12	13	21.97	22.12	21.92	23.20

5	16QAM	25	0	22.12	22.25	21.94	23.20
5	64QAM	1	0	21.95	22.07	21.95	23.20
5	64QAM	1	12	22.00	22.14	22.04	23.20
5	64QAM	1	24	22.06	22.21	22.05	23.20
5	64QAM	12	0	21.44	21.61	21.42	22.70
5	64QAM	12	7	21.41	21.52	21.34	22.70
5	64QAM	12	13	21.50	21.47	21.33	22.70
5	64QAM	25	0	21.58	21.66	21.49	22.70
5	256QAM	1	0	19.37	19.50	19.35	20.70
5	256QAM	1	12	19.34	19.54	19.36	20.70
5	256QAM	1	24	19.41	19.53	19.39	20.70
5	256QAM	12	0	19.38	19.58	19.52	20.70
5	256QAM	12	7	19.42	19.58	19.41	20.70
5	256QAM	12	13	19.48	19.53	19.35	20.70
5	256QAM	25	0	19.65	19.61	19.49	20.70
Channel				20415	20525	20635	Tune-up limit
Frequency (MHz)				825.5	836.5	847.5	(dBm)
3	QPSK	1	0	22.19	22.19	22.24	23.20
3	QPSK	1	8	22.10	22.25	21.97	23.20
3	QPSK	1	14	21.93	22.05	22.03	23.20
3	QPSK	8	0	22.05	22.13	22.13	23.20
3	QPSK	8	4	21.97	22.01	21.98	23.20
3	QPSK	8	7	22.01	22.11	21.93	23.20
3	QPSK	15	0	21.93	22.17	21.98	23.20
3	16QAM	1	0	21.86	21.99	21.84	23.20
3	16QAM	1	8	21.97	22.19	21.96	23.20
3	16QAM	1	14	22.07	22.12	22.09	23.20
3	16QAM	8	0	21.97	22.14	22.08	23.20
3	16QAM	8	4	21.83	21.97	21.83	23.20
3	16QAM	8	7	21.99	22.12	21.85	23.20
3	16QAM	15	0	22.04	22.16	22.00	23.20
3	64QAM	1	0	21.93	22.14	21.97	23.20
3	64QAM	1	8	22.10	22.12	22.00	23.20
3	64QAM	1	14	22.10	22.22	22.12	23.20
3	64QAM	8	0	21.42	21.58	21.40	22.70
3	64QAM	8	4	21.42	21.60	21.42	22.70
3	64QAM	8	7	21.41	21.42	21.34	22.70
3	64QAM	15	0	21.61	21.69	21.55	22.70
3	256QAM	1	0	19.37	19.50	19.35	20.70
3	256QAM	1	8	19.35	19.56	19.33	20.70
3	256QAM	1	14	19.41	19.58	19.46	20.70
3	256QAM	8	0	19.42	19.55	19.45	20.70
3	256QAM	8	4	19.39	19.55	19.41	20.70
3	256QAM	8	7	19.54	19.54	19.34	20.70
3	256QAM	15	0	19.58	19.65	19.58	20.70
Channel				20407	20525	20643	Tune-up limit
Frequency (MHz)				824.7	836.5	848.3	(dBm)
1.4	QPSK	1	0	22.20	22.23	22.11	23.20
1.4	QPSK	1	3	22.18	22.17	22.01	23.20
1.4	QPSK	1	5	21.98	22.10	22.06	23.20
1.4	QPSK	3	0	22.09	22.20	22.10	23.20
1.4	QPSK	3	1	21.98	22.13	21.99	23.20
1.4	QPSK	3	3	22.00	22.11	21.91	23.20
1.4	QPSK	6	0	21.89	22.05	22.05	23.20
1.4	16QAM	1	0	21.95	22.08	21.89	23.20
1.4	16QAM	1	3	22.02	22.16	22.02	23.20
1.4	16QAM	1	5	22.05	22.10	22.11	23.20
1.4	16QAM	3	0	22.00	22.10	22.07	23.20
1.4	16QAM	3	1	21.79	22.00	21.88	23.20
1.4	16QAM	3	3	21.95	22.10	21.89	23.20
1.4	16QAM	6	0	22.00	22.21	22.04	23.20
1.4	64QAM	1	0	21.91	22.01	21.99	23.20
1.4	64QAM	1	3	22.10	22.18	21.95	23.20
1.4	64QAM	1	5	22.05	22.22	22.03	23.20
1.4	64QAM	3	0	21.91	22.00	21.99	23.20
1.4	64QAM	3	1	21.87	22.03	21.91	23.20
1.4	64QAM	3	3	21.96	21.95	21.82	23.20
1.4	64QAM	6	0	21.49	21.68	21.50	22.70
1.4	256QAM	1	0	19.46	19.49	19.47	20.70
1.4	256QAM	1	3	19.46	19.55	19.31	20.70
1.4	256QAM	1	5	19.51	19.54	19.34	20.70
1.4	256QAM	3	0	19.43	19.55	19.54	20.70
1.4	256QAM	3	1	19.43	19.60	19.45	20.70
1.4	256QAM	3	3	19.47	19.67	19.45	20.70
1.4	256QAM	6	0	19.57	19.59	19.51	20.70

【LTE Band 5_Ant 1_DSI5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	21.73	21.79	21.70	22.70
10	QPSK	1	25	21.65	21.76	21.61	22.70
10	QPSK	1	49	21.55	21.72	21.51	22.70
10	QPSK	25	0	21.69	21.72	21.65	22.70
10	QPSK	25	12	21.58	21.67	21.47	22.70
10	QPSK	25	25	21.58	21.71	21.48	22.70
10	QPSK	50	0	21.54	21.67	21.57	22.70
10	16QAM	1	0	21.57	21.74	21.53	22.70
10	16QAM	1	25	21.43	21.62	21.44	22.70
10	16QAM	1	49	21.56	21.68	21.56	22.70
10	16QAM	25	0	21.50	21.69	21.55	22.70
10	16QAM	25	12	21.46	21.65	21.48	22.70
10	16QAM	25	25	21.56	21.71	21.53	22.70
10	16QAM	50	0	21.53	21.72	21.58	22.70
10	64QAM	1	0	21.53	21.66	21.45	22.70
10	64QAM	1	25	21.61	21.69	21.52	22.70
10	64QAM	1	49	22.48	22.65	22.43	22.70
10	64QAM	25	0	21.46	21.62	21.53	22.70
10	64QAM	25	12	21.44	21.61	21.44	22.70
10	64QAM	25	25	21.52	21.57	21.38	22.70
10	64QAM	50	0	21.64	21.73	21.58	22.70
10	256QAM	1	0	19.48	19.60	19.48	20.70
10	256QAM	1	25	19.49	19.58	19.40	20.70
10	256QAM	1	49	19.55	19.65	19.48	20.70
10	256QAM	25	0	19.45	19.63	19.55	20.70
10	256QAM	25	12	19.53	19.67	19.48	20.70
10	256QAM	25	25	19.58	19.68	19.48	20.70
10	256QAM	50	0	19.66	19.71	19.63	20.70
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	21.58	21.72	21.61	22.70
5	QPSK	1	12	21.54	21.73	21.55	22.70
5	QPSK	1	24	21.44	21.68	21.43	22.70
5	QPSK	12	0	21.67	21.70	21.64	22.70
5	QPSK	12	7	21.57	21.66	21.39	22.70
5	QPSK	12	13	21.48	21.66	21.46	22.70
5	QPSK	25	0	21.53	21.64	21.48	22.70
5	16QAM	1	0	21.50	21.64	21.39	22.70
5	16QAM	1	12	21.33	21.48	21.36	22.70
5	16QAM	1	24	21.45	21.58	21.49	22.70
5	16QAM	12	0	21.38	21.64	21.43	22.70
5	16QAM	12	7	21.36	21.53	21.38	22.70
5	16QAM	12	13	21.48	21.61	21.41	22.70
5	16QAM	25	0	21.50	21.58	21.44	22.70
5	64QAM	1	0	21.51	21.64	21.37	22.70
5	64QAM	1	12	21.49	21.64	21.49	22.70
5	64QAM	1	24	22.35	22.51	22.36	22.70
5	64QAM	12	0	21.44	21.59	21.43	22.70
5	64QAM	12	7	21.38	21.52	21.42	22.70
5	64QAM	12	13	21.44	21.52	21.35	22.70
5	64QAM	25	0	21.56	21.58	21.52	22.70
5	256QAM	1	0	19.41	19.55	19.38	20.70
5	256QAM	1	12	19.38	19.53	19.38	20.70
5	256QAM	1	24	19.46	19.61	19.44	20.70
5	256QAM	12	0	19.39	19.48	19.49	20.70
5	256QAM	12	7	19.48	19.52	19.41	20.70
5	256QAM	12	13	19.44	19.59	19.34	20.70
5	256QAM	25	0	19.56	19.68	19.62	20.70
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	21.59	21.75	21.58	22.70
3	QPSK	1	8	21.52	21.67	21.49	22.70
3	QPSK	1	14	21.51	21.62	21.39	22.70
3	QPSK	8	0	21.57	21.70	21.55	22.70
3	QPSK	8	4	21.51	21.56	21.41	22.70
3	QPSK	8	7	21.56	21.66	21.46	22.70
3	QPSK	15	0	21.47	21.65	21.45	22.70
3	16QAM	1	0	21.54	21.65	21.50	22.70
3	16QAM	1	8	21.39	21.57	21.34	22.70

3	16QAM	1	14	21.46	21.64	21.43	22.70
3	16QAM	8	0	21.42	21.61	21.53	22.70
3	16QAM	8	4	21.39	21.51	21.39	22.70
3	16QAM	8	7	21.46	21.58	21.49	22.70
3	16QAM	15	0	21.41	21.65	21.57	22.70
3	64QAM	1	0	21.50	21.62	21.44	22.70
3	64QAM	1	8	21.53	21.64	21.45	22.70
3	64QAM	1	14	22.34	22.61	22.31	22.70
3	64QAM	8	0	21.39	21.55	21.50	22.70
3	64QAM	8	4	21.35	21.58	21.31	22.70
3	64QAM	8	7	21.42	21.44	21.26	22.70
3	64QAM	15	0	21.50	21.64	21.53	22.70
3	256QAM	1	0	19.34	19.56	19.33	20.70
3	256QAM	1	8	19.37	19.57	19.27	20.70
3	256QAM	1	14	19.54	19.58	19.34	20.70
3	256QAM	8	0	19.35	19.53	19.48	20.70
3	256QAM	8	4	19.50	19.54	19.38	20.70
3	256QAM	8	7	19.56	19.57	19.42	20.70
3	256QAM	15	0	19.60	19.60	19.51	20.70
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	21.60	21.65	21.57	22.70
1.4	QPSK	1	3	21.63	21.70	21.46	22.70
1.4	QPSK	1	5	21.41	21.60	21.37	22.70
1.4	QPSK	3	0	21.64	21.67	21.61	22.70
1.4	QPSK	3	1	21.46	21.53	21.33	22.70
1.4	QPSK	3	3	21.56	21.61	21.45	22.70
1.4	QPSK	6	0	21.49	21.60	21.42	22.70
1.4	16QAM	1	0	21.47	21.61	21.50	22.70
1.4	16QAM	1	3	21.31	21.53	21.33	22.70
1.4	16QAM	1	5	21.49	21.59	21.54	22.70
1.4	16QAM	3	0	21.36	21.56	21.40	22.70
1.4	16QAM	3	1	21.44	21.53	21.35	22.70
1.4	16QAM	3	3	21.47	21.62	21.49	22.70
1.4	16QAM	6	0	21.45	21.58	21.56	22.70
1.4	64QAM	1	0	21.51	21.61	21.31	22.70
1.4	64QAM	1	3	21.52	21.57	21.45	22.70
1.4	64QAM	1	5	22.42	22.55	22.31	22.70
1.4	64QAM	3	0	21.41	21.52	21.41	22.70
1.4	64QAM	3	1	21.35	21.54	21.35	22.70
1.4	64QAM	3	3	21.49	21.43	21.29	22.70
1.4	64QAM	6	0	21.49	21.64	21.44	22.70
1.4	256QAM	1	0	19.42	19.48	19.40	20.70
1.4	256QAM	1	3	19.42	19.56	19.37	20.70
1.4	256QAM	1	5	19.43	19.53	19.35	20.70
1.4	256QAM	3	0	19.40	19.59	19.53	20.70
1.4	256QAM	3	1	19.47	19.60	19.46	20.70
1.4	256QAM	3	3	19.52	19.55	19.35	20.70
1.4	256QAM	6	0	19.62	19.59	19.55	20.70

【LTE Band 7_Ant 4_Default】

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	25.26	25.38	25.23	25.70
20	QPSK	1	49	25.15	25.31	25.11	25.70
20	QPSK	1	99	25.05	25.25	25.00	25.70
20	QPSK	50	0	24.23	24.41	24.23	24.70
20	QPSK	50	24	24.12	24.37	24.17	24.70
20	QPSK	50	50	24.04	24.27	24.09	24.70
20	QPSK	100	0	24.22	24.48	24.23	24.70
20	16QAM	1	0	24.28	24.54	24.28	24.70
20	16QAM	1	49	24.34	24.50	24.34	24.70
20	16QAM	1	99	24.26	24.42	24.21	24.70
20	16QAM	50	0	23.17	23.42	23.14	23.70
20	16QAM	50	24	23.14	23.36	23.09	23.70
20	16QAM	50	50	23.18	23.30	23.06	23.70
20	16QAM	100	0	23.21	23.38	23.11	23.70
20	64QAM	1	0	23.26	23.47	23.31	23.70
20	64QAM	1	49	23.22	23.40	23.22	23.70
20	64QAM	1	99	23.16	23.35	23.11	23.70

20	64QAM	50	0	22.19	22.40	22.18	22.70
20	64QAM	50	24	22.11	22.33	22.10	22.70
20	64QAM	50	50	22.08	22.25	22.08	22.70
20	64QAM	100	0	22.13	22.38	22.23	22.70
20	256QAM	1	0	20.23	20.38	20.15	20.70
20	256QAM	1	49	20.18	20.32	20.15	20.70
20	256QAM	1	99	20.13	20.28	20.05	20.70
20	256QAM	50	0	20.19	20.36	20.14	20.70
20	256QAM	50	24	19.99	20.20	19.96	20.70
20	256QAM	50	50	20.08	20.31	20.17	20.70
20	256QAM	100	0	20.26	20.47	20.28	20.70
Channel				20825	21100	21375	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	QPSK	1	0	25.17	25.33	25.20	25.70
15	QPSK	1	37	25.05	25.17	25.07	25.70
15	QPSK	1	74	24.97	25.24	24.95	25.70
15	QPSK	36	0	24.11	24.32	24.19	24.70
15	QPSK	36	20	24.09	24.23	24.08	24.70
15	QPSK	36	39	23.92	24.23	23.96	24.70
15	QPSK	75	0	24.21	24.47	24.11	24.70
15	16QAM	1	0	24.22	24.47	24.18	24.70
15	16QAM	1	37	24.26	24.42	24.29	24.70
15	16QAM	1	74	24.14	24.29	24.13	24.70
15	16QAM	36	0	23.05	23.30	23.09	23.70
15	16QAM	36	20	23.01	23.31	23.00	23.70
15	16QAM	36	39	23.09	23.17	22.98	23.70
15	16QAM	75	0	23.06	23.27	23.03	23.70
15	64QAM	1	0	23.25	23.35	23.22	23.70
15	64QAM	1	37	23.17	23.38	23.12	23.70
15	64QAM	1	74	23.02	23.34	22.96	23.70
15	64QAM	36	0	22.11	22.38	22.13	22.70
15	64QAM	36	20	22.01	22.29	21.98	22.70
15	64QAM	36	39	22.05	22.18	21.96	22.70
15	64QAM	75	0	22.07	22.26	22.10	22.70
15	256QAM	1	0	20.12	20.34	20.07	20.70
15	256QAM	1	37	20.09	20.26	20.11	20.70
15	256QAM	1	74	20.06	20.21	19.95	20.70
15	256QAM	36	0	20.16	20.26	20.10	20.70
15	256QAM	36	20	19.94	20.10	19.93	20.70
15	256QAM	36	39	20.02	20.18	20.08	20.70
15	256QAM	75	0	20.23	20.34	20.18	20.70
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	25.22	25.28	25.08	25.70
10	QPSK	1	25	25.11	25.20	24.97	25.70
10	QPSK	1	49	25.00	25.19	24.86	25.70
10	QPSK	25	0	24.08	24.38	24.16	24.70
10	QPSK	25	12	24.04	24.27	24.13	24.70
10	QPSK	25	25	23.90	24.16	24.00	24.70
10	QPSK	50	0	24.17	24.44	24.11	24.70
10	16QAM	1	0	24.17	24.44	24.27	24.70
10	16QAM	1	25	24.23	24.49	24.24	24.70
10	16QAM	1	49	24.14	24.33	24.07	24.70
10	16QAM	25	0	23.11	23.30	23.00	23.70
10	16QAM	25	12	23.12	23.29	22.98	23.70
10	16QAM	25	25	23.10	23.23	22.94	23.70
10	16QAM	50	0	23.18	23.30	22.98	23.70
10	64QAM	1	0	23.24	23.42	23.28	23.70
10	64QAM	1	25	23.19	23.28	23.16	23.70
10	64QAM	1	49	23.05	23.30	23.06	23.70
10	64QAM	25	0	22.09	22.32	22.09	22.70
10	64QAM	25	12	22.00	22.26	22.09	22.70
10	64QAM	25	25	22.02	22.11	22.04	22.70
10	64QAM	50	0	22.08	22.31	22.19	22.70
10	256QAM	1	0	20.09	20.35	20.04	20.70
10	256QAM	1	25	20.06	20.29	20.11	20.70
10	256QAM	1	49	20.08	20.21	19.90	20.70
10	256QAM	25	0	20.13	20.26	20.01	20.70
10	256QAM	25	12	19.87	20.09	19.84	20.70
10	256QAM	25	25	20.00	20.16	20.06	20.70
10	256QAM	50	0	20.18	20.46	20.19	20.70
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	25.15	25.29	25.08	25.70
5	QPSK	1	12	25.09	25.22	25.05	25.70
5	QPSK	1	24	24.97	25.17	24.93	25.70
5	QPSK	12	0	24.16	24.36	24.21	24.70
5	QPSK	12	7	24.07	24.30	24.03	24.70

5	QPSK	12	13	23.95	24.21	23.96	24.70
5	QPSK	25	0	24.17	24.45	24.09	24.70
5	16QAM	1	0	24.15	24.39	24.23	24.70
5	16QAM	1	12	24.28	24.37	24.23	24.70
5	16QAM	1	24	24.20	24.38	24.20	24.70
5	16QAM	12	0	23.12	23.32	23.03	23.70
5	16QAM	12	7	23.10	23.32	23.01	23.70
5	16QAM	12	13	23.16	23.17	22.94	23.70
5	16QAM	25	0	23.15	23.29	23.06	23.70
5	64QAM	1	0	23.16	23.40	23.18	23.70
5	64QAM	1	12	23.15	23.26	23.16	23.70
5	64QAM	1	24	23.09	23.24	23.00	23.70
5	64QAM	12	0	22.06	22.30	22.04	22.70
5	64QAM	12	7	22.07	22.27	22.01	22.70
5	64QAM	12	13	21.98	22.19	22.06	22.70
5	64QAM	25	0	22.00	22.30	22.14	22.70
5	256QAM	1	0	20.14	20.36	20.11	20.70
5	256QAM	1	12	20.10	20.23	20.13	20.70
5	256QAM	1	24	19.99	20.26	19.94	20.70
5	256QAM	12	0	20.08	20.23	20.11	20.70
5	256QAM	12	7	19.98	20.11	19.87	20.70
5	256QAM	12	13	20.07	20.19	20.12	20.70
5	256QAM	25	0	20.17	20.33	20.18	20.70

【LTE Band 7_Ant 4_DSI1】

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	16.66	16.69	16.55	17.20
20	QPSK	1	49	16.57	16.60	16.45	17.20
20	QPSK	1	99	16.61	16.57	16.49	17.20
20	QPSK	50	0	16.56	16.62	16.46	17.20
20	QPSK	50	24	16.44	16.44	16.34	17.20
20	QPSK	50	50	16.34	16.40	16.36	17.20
20	QPSK	100	0	16.25	16.46	16.24	17.20
20	16QAM	1	0	16.29	16.44	16.41	17.20
20	16QAM	1	49	16.39	16.30	16.39	17.20
20	16QAM	1	99	16.42	16.31	16.46	17.20
20	16QAM	50	0	16.40	16.42	16.44	17.20
20	16QAM	50	24	16.50	16.48	16.53	17.20
20	16QAM	50	50	16.49	16.49	16.48	17.20
20	16QAM	100	0	16.31	16.55	16.51	17.20
20	64QAM	1	0	16.38	16.39	16.53	17.20
20	64QAM	1	49	16.44	16.37	16.48	17.20
20	64QAM	1	99	16.48	16.54	16.56	17.20
20	64QAM	50	0	16.46	16.59	16.47	17.20
20	64QAM	50	24	16.44	16.41	16.37	17.20
20	64QAM	50	50	16.47	16.50	16.63	17.20
20	64QAM	100	0	16.40	16.51	16.61	17.20
20	256QAM	1	0	16.38	16.60	16.45	17.20
20	256QAM	1	49	16.39	16.66	16.43	17.20
20	256QAM	1	99	16.46	16.43	16.49	17.20
20	256QAM	50	0	16.40	16.62	16.44	17.20
20	256QAM	50	24	16.37	16.53	16.48	17.20
20	256QAM	50	50	16.51	16.50	16.49	17.20
20	256QAM	100	0	16.44	16.52	16.46	17.20
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	16.65	16.59	16.44	17.20
15	QPSK	1	37	16.46	16.51	16.42	17.20
15	QPSK	1	74	16.48	16.51	16.40	17.20
15	QPSK	36	0	16.44	16.59	16.44	17.20
15	QPSK	36	20	16.35	16.32	16.23	17.20
15	QPSK	36	39	16.30	16.30	16.35	17.20
15	QPSK	75	0	16.22	16.44	16.18	17.20
15	16QAM	1	0	16.25	16.37	16.36	17.20
15	16QAM	1	37	16.32	16.26	16.28	17.20
15	16QAM	1	74	16.33	16.19	16.44	17.20
15	16QAM	36	0	16.29	16.31	16.32	17.20
15	16QAM	36	20	16.42	16.47	16.48	17.20
15	16QAM	36	39	16.45	16.45	16.46	17.20

15	16QAM	75	0	16.17	16.49	16.43	17.20
15	64QAM	1	0	16.34	16.29	16.39	17.20
15	64QAM	1	37	16.36	16.33	16.45	17.20
15	64QAM	1	74	16.43	16.46	16.47	17.20
15	64QAM	36	0	16.42	16.45	16.41	17.20
15	64QAM	36	20	16.29	16.34	16.34	17.20
15	64QAM	36	39	16.39	16.39	16.49	17.20
15	64QAM	75	0	16.29	16.46	16.48	17.20
15	256QAM	1	0	16.24	16.58	16.41	17.20
15	256QAM	1	37	16.35	16.57	16.34	17.20
15	256QAM	1	74	16.43	16.31	16.40	17.20
15	256QAM	36	0	16.38	16.61	16.32	17.20
15	256QAM	36	20	16.35	16.46	16.43	17.20
15	256QAM	36	39	16.42	16.46	16.36	17.20
15	256QAM	75	0	16.39	16.44	16.43	17.20
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	16.56	16.66	16.42	17.20
10	QPSK	1	25	16.49	16.56	16.38	17.20
10	QPSK	1	49	16.50	16.53	16.47	17.20
10	QPSK	25	0	16.48	16.51	16.35	17.20
10	QPSK	25	12	16.37	16.37	16.29	17.20
10	QPSK	25	25	16.22	16.30	16.25	17.20
10	QPSK	50	0	16.16	16.33	16.11	17.20
10	16QAM	1	0	16.18	16.30	16.37	17.20
10	16QAM	1	25	16.30	16.22	16.33	17.20
10	16QAM	1	49	16.33	16.27	16.36	17.20
10	16QAM	25	0	16.36	16.36	16.30	17.20
10	16QAM	25	12	16.38	16.40	16.38	17.20
10	16QAM	25	25	16.36	16.47	16.33	17.20
10	16QAM	50	0	16.25	16.45	16.46	17.20
10	64QAM	1	0	16.24	16.26	16.51	17.20
10	64QAM	1	25	16.38	16.31	16.39	17.20
10	64QAM	1	49	16.35	16.49	16.51	17.20
10	64QAM	25	0	16.36	16.56	16.39	17.20
10	64QAM	25	12	16.38	16.29	16.25	17.20
10	64QAM	25	25	16.35	16.41	16.54	17.20
10	64QAM	50	0	16.31	16.43	16.56	17.20
10	256QAM	1	0	16.32	16.47	16.39	17.20
10	256QAM	1	25	16.36	16.54	16.42	17.20
10	256QAM	1	49	16.45	16.28	16.46	17.20
10	256QAM	25	0	16.37	16.58	16.40	17.20
10	256QAM	25	12	16.30	16.46	16.47	17.20
10	256QAM	25	25	16.45	16.43	16.46	17.20
10	256QAM	50	0	16.34	16.42	16.34	17.20
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	16.60	16.65	16.43	17.20
5	QPSK	1	12	16.53	16.51	16.34	17.20
5	QPSK	1	24	16.55	16.44	16.43	17.20
5	QPSK	12	0	16.43	16.55	16.37	17.20
5	QPSK	12	7	16.39	16.36	16.32	17.20
5	QPSK	12	13	16.24	16.29	16.29	17.20
5	QPSK	25	0	16.23	16.44	16.20	17.20
5	16QAM	1	0	16.18	16.40	16.40	17.20
5	16QAM	1	12	16.29	16.16	16.32	17.20
5	16QAM	1	24	16.37	16.25	16.37	17.20
5	16QAM	12	0	16.32	16.34	16.33	17.20
5	16QAM	12	7	16.43	16.45	16.46	17.20
5	16QAM	12	13	16.42	16.37	16.40	17.20
5	16QAM	25	0	16.19	16.49	16.46	17.20
5	64QAM	1	0	16.36	16.36	16.43	17.20
5	64QAM	1	12	16.31	16.32	16.46	17.20
5	64QAM	1	24	16.47	16.45	16.41	17.20
5	64QAM	12	0	16.39	16.49	16.45	17.20
5	64QAM	12	7	16.34	16.37	16.35	17.20
5	64QAM	12	13	16.43	16.35	16.49	17.20
5	64QAM	25	0	16.38	16.44	16.57	17.20
5	256QAM	1	0	16.36	16.56	16.40	17.20
5	256QAM	1	12	16.31	16.63	16.28	17.20
5	256QAM	1	24	16.36	16.35	16.42	17.20
5	256QAM	12	0	16.29	16.58	16.40	17.20
5	256QAM	12	7	16.34	16.41	16.43	17.20
5	256QAM	12	13	16.47	16.48	16.35	17.20
5	256QAM	25	0	16.34	16.51	16.35	17.20

【LTE Band 7_Ant 4_DSI3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	19.67	19.71	19.56	20.20
20	QPSK	1	49	19.55	19.68	19.51	20.20
20	QPSK	1	99	19.47	19.64	19.42	20.20
20	QPSK	50	0	19.47	19.56	19.47	20.20
20	QPSK	50	24	19.43	19.37	19.43	20.20
20	QPSK	50	50	19.37	19.45	19.31	20.20
20	QPSK	100	0	19.28	19.38	19.23	20.20
20	16QAM	1	0	19.42	19.35	19.47	20.20
20	16QAM	1	49	19.37	19.37	19.46	20.20
20	16QAM	1	99	19.38	19.32	19.45	20.20
20	16QAM	50	0	19.52	19.41	19.36	20.20
20	16QAM	50	24	19.48	19.43	19.63	20.20
20	16QAM	50	50	19.49	19.50	19.44	20.20
20	16QAM	100	0	19.33	19.50	19.47	20.20
20	64QAM	1	0	19.37	19.41	19.51	20.20
20	64QAM	1	49	19.44	19.39	19.46	20.20
20	64QAM	1	99	19.47	19.60	19.49	20.20
20	64QAM	50	0	19.48	19.59	19.38	20.20
20	64QAM	50	24	19.46	19.43	19.42	20.20
20	64QAM	50	50	19.46	19.57	19.53	20.20
20	64QAM	100	0	19.42	19.59	19.62	20.20
20	256QAM	1	0	19.41	19.59	19.49	20.20
20	256QAM	1	49	19.34	19.63	19.47	20.20
20	256QAM	1	99	19.56	19.48	19.52	20.20
20	256QAM	50	0	19.39	19.52	19.49	20.20
20	256QAM	50	24	19.41	19.48	19.58	20.20
20	256QAM	50	50	19.42	19.48	19.47	20.20
20	256QAM	100	0	19.46	19.58	19.45	20.20
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	19.53	19.60	19.50	20.20
15	QPSK	1	37	19.47	19.53	19.47	20.20
15	QPSK	1	74	19.45	19.50	19.39	20.20
15	QPSK	36	0	19.44	19.43	19.39	20.20
15	QPSK	36	20	19.40	19.23	19.36	20.20
15	QPSK	36	39	19.26	19.38	19.28	20.20
15	QPSK	75	0	19.20	19.34	19.20	20.20
15	16QAM	1	0	19.37	19.29	19.44	20.20
15	16QAM	1	37	19.33	19.26	19.34	20.20
15	16QAM	1	74	19.34	19.27	19.38	20.20
15	16QAM	36	0	19.45	19.36	19.25	20.20
15	16QAM	36	20	19.39	19.42	19.49	20.20
15	16QAM	36	39	19.35	19.49	19.43	20.20
15	16QAM	75	0	19.31	19.44	19.46	20.20
15	64QAM	1	0	19.35	19.34	19.36	20.20
15	64QAM	1	37	19.35	19.34	19.37	20.20
15	64QAM	1	74	19.45	19.48	19.41	20.20
15	64QAM	36	0	19.34	19.53	19.35	20.20
15	64QAM	36	20	19.42	19.33	19.30	20.20
15	64QAM	36	39	19.40	19.48	19.49	20.20
15	64QAM	75	0	19.34	19.49	19.55	20.20
15	256QAM	1	0	19.26	19.47	19.45	20.20
15	256QAM	1	37	19.30	19.62	19.41	20.20
15	256QAM	1	74	19.49	19.40	19.45	20.20
15	256QAM	36	0	19.27	19.44	19.39	20.20
15	256QAM	36	20	19.36	19.33	19.48	20.20
15	256QAM	36	39	19.34	19.36	19.32	20.20
15	256QAM	75	0	19.36	19.45	19.32	20.20
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	19.61	19.59	19.47	20.20
10	QPSK	1	25	19.53	19.64	19.45	20.20
10	QPSK	1	49	19.35	19.53	19.40	20.20
10	QPSK	25	0	19.38	19.42	19.46	20.20
10	QPSK	25	12	19.30	19.33	19.41	20.20
10	QPSK	25	25	19.32	19.31	19.27	20.20
10	QPSK	50	0	19.14	19.30	19.18	20.20
10	16QAM	1	0	19.39	19.28	19.33	20.20
10	16QAM	1	25	19.23	19.33	19.41	20.20

10	16QAM	1	49	19.28	19.30	19.34	20.20
10	16QAM	25	0	19.46	19.31	19.28	20.20
10	16QAM	25	12	19.36	19.41	19.53	20.20
10	16QAM	25	25	19.43	19.46	19.30	20.20
10	16QAM	50	0	19.25	19.41	19.41	20.20
10	64QAM	1	0	19.31	19.29	19.50	20.20
10	64QAM	1	25	19.37	19.36	19.43	20.20
10	64QAM	1	49	19.37	19.56	19.45	20.20
10	64QAM	25	0	19.46	19.48	19.36	20.20
10	64QAM	25	12	19.45	19.38	19.32	20.20
10	64QAM	25	25	19.38	19.47	19.45	20.20
10	64QAM	50	0	19.40	19.49	19.49	20.20
10	256QAM	1	0	19.26	19.54	19.47	20.20
10	256QAM	1	25	19.29	19.49	19.36	20.20
10	256QAM	1	49	19.43	19.38	19.49	20.20
10	256QAM	25	0	19.28	19.50	19.44	20.20
10	256QAM	25	12	19.39	19.39	19.44	20.20
10	256QAM	25	25	19.39	19.33	19.36	20.20
10	256QAM	50	0	19.34	19.53	19.34	20.20
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	19.66	19.60	19.47	20.20
5	QPSK	1	12	19.43	19.67	19.37	20.20
5	QPSK	1	24	19.42	19.61	19.38	20.20
5	QPSK	12	0	19.46	19.49	19.40	20.20
5	QPSK	12	7	19.35	19.32	19.30	20.20
5	QPSK	12	13	19.29	19.34	19.20	20.20
5	QPSK	25	0	19.25	19.36	19.11	20.20
5	16QAM	1	0	19.39	19.30	19.43	20.20
5	16QAM	1	12	19.22	19.35	19.44	20.20
5	16QAM	1	24	19.24	19.19	19.40	20.20
5	16QAM	12	0	19.42	19.28	19.24	20.20
5	16QAM	12	7	19.36	19.40	19.61	20.20
5	16QAM	12	13	19.39	19.37	19.32	20.20
5	16QAM	25	0	19.27	19.45	19.43	20.20
5	64QAM	1	0	19.24	19.30	19.37	20.20
5	64QAM	1	12	19.41	19.33	19.43	20.20
5	64QAM	1	24	19.45	19.50	19.37	20.20
5	64QAM	12	0	19.37	19.54	19.28	20.20
5	64QAM	12	7	19.37	19.37	19.35	20.20
5	64QAM	12	13	19.42	19.45	19.47	20.20
5	64QAM	25	0	19.40	19.48	19.55	20.20
5	256QAM	1	0	19.36	19.57	19.38	20.20
5	256QAM	1	12	19.30	19.56	19.33	20.20
5	256QAM	1	24	19.55	19.41	19.43	20.20
5	256QAM	12	0	19.26	19.50	19.48	20.20
5	256QAM	12	7	19.39	19.37	19.49	20.20
5	256QAM	12	13	19.29	19.38	19.45	20.20
5	256QAM	25	0	19.36	19.47	19.31	20.20

【LTE Band 7_Ant 4_DSI4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	23.48	23.61	23.55	24.20
20	QPSK	1	49	23.41	23.48	23.35	24.20
20	QPSK	1	99	23.47	23.44	23.41	24.20
20	QPSK	50	0	23.40	23.48	23.36	24.20
20	QPSK	50	24	23.31	23.39	23.28	24.20
20	QPSK	50	50	23.36	23.28	23.34	24.20
20	QPSK	100	0	23.09	23.38	23.08	24.20
20	16QAM	1	0	23.25	23.31	23.39	24.20
20	16QAM	1	49	23.26	23.34	23.27	24.20
20	16QAM	1	99	23.20	23.23	23.27	24.20
20	16QAM	50	0	23.17	23.42	23.14	23.70
20	16QAM	50	24	23.14	23.36	23.09	23.70
20	16QAM	50	50	23.18	23.30	23.06	23.70
20	16QAM	100	0	23.21	23.38	23.11	23.70
20	64QAM	1	0	23.26	23.47	23.31	23.70
20	64QAM	1	49	23.22	23.40	23.22	23.70
20	64QAM	1	99	23.16	23.35	23.11	23.70
20	64QAM	50	0	22.19	22.40	22.18	22.70
20	64QAM	50	24	22.11	22.33	22.10	22.70
20	64QAM	50	50	22.08	22.25	22.08	22.70
20	64QAM	100	0	22.13	22.38	22.23	22.70

20	256QAM	1	0	20.23	20.38	20.15	20.70
20	256QAM	1	49	20.18	20.32	20.15	20.70
20	256QAM	1	99	20.13	20.28	20.05	20.70
20	256QAM	50	0	20.19	20.36	20.14	20.70
20	256QAM	50	24	19.99	20.20	19.96	20.70
20	256QAM	50	50	20.08	20.31	20.17	20.70
20	256QAM	100	0	20.26	20.47	20.28	20.70
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	23.42	23.54	23.48	24.20
15	QPSK	1	37	23.36	23.40	23.28	24.20
15	QPSK	1	74	23.45	23.38	23.28	24.20
15	QPSK	36	0	23.34	23.37	23.34	24.20
15	QPSK	36	20	23.28	23.26	23.27	24.20
15	QPSK	36	39	23.27	23.23	23.24	24.20
15	QPSK	75	0	23.08	23.34	22.96	24.20
15	16QAM	1	0	23.20	23.18	23.29	24.20
15	16QAM	1	37	23.20	23.24	23.16	24.20
15	16QAM	1	74	23.14	23.22	23.15	24.20
15	16QAM	36	0	23.08	23.39	23.08	23.70
15	16QAM	36	20	22.99	23.33	22.99	23.70
15	16QAM	36	39	23.10	23.22	22.94	23.70
15	16QAM	75	0	23.20	23.23	23.04	23.70
15	64QAM	1	0	23.11	23.36	23.24	23.70
15	64QAM	1	37	23.16	23.32	23.16	23.70
15	64QAM	1	74	23.02	23.34	23.01	23.70
15	64QAM	36	0	22.10	22.34	22.08	22.70
15	64QAM	36	20	22.10	22.32	22.08	22.70
15	64QAM	36	39	21.97	22.20	21.98	22.70
15	64QAM	75	0	22.04	22.36	22.10	22.70
15	256QAM	1	0	20.14	20.26	20.04	20.70
15	256QAM	1	37	20.07	20.30	20.08	20.70
15	256QAM	1	74	20.00	20.25	19.99	20.70
15	256QAM	36	0	20.14	20.29	20.06	20.70
15	256QAM	36	20	19.86	20.09	19.84	20.70
15	256QAM	36	39	20.04	20.17	20.03	20.70
15	256QAM	75	0	20.21	20.36	20.21	20.70
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	23.37	23.56	23.41	24.20
10	QPSK	1	25	23.30	23.37	23.30	24.20
10	QPSK	1	49	23.38	23.29	23.32	24.20
10	QPSK	25	0	23.32	23.41	23.34	24.20
10	QPSK	25	12	23.28	23.32	23.16	24.20
10	QPSK	25	25	23.34	23.27	23.30	24.20
10	QPSK	50	0	23.04	23.31	23.02	24.20
10	16QAM	1	0	23.22	23.20	23.31	24.20
10	16QAM	1	25	23.21	23.20	23.22	24.20
10	16QAM	1	49	23.07	23.08	23.20	24.20
10	16QAM	25	0	23.03	23.39	23.02	23.70
10	16QAM	25	12	23.08	23.28	22.97	23.70
10	16QAM	25	25	23.09	23.18	23.03	23.70
10	16QAM	50	0	23.14	23.23	23.05	23.70
10	64QAM	1	0	23.17	23.36	23.18	23.70
10	64QAM	1	25	23.16	23.36	23.10	23.70
10	64QAM	1	49	23.04	23.21	22.98	23.70
10	64QAM	25	0	22.14	22.39	22.12	22.70
10	64QAM	25	12	22.01	22.30	21.99	22.70
10	64QAM	25	25	21.97	22.15	22.01	22.70
10	64QAM	50	0	22.09	22.28	22.16	22.70
10	256QAM	1	0	20.09	20.36	20.02	20.70
10	256QAM	1	25	20.14	20.21	20.14	20.70
10	256QAM	1	49	19.99	20.14	20.02	20.70
10	256QAM	25	0	20.14	20.26	20.08	20.70
10	256QAM	25	12	19.95	20.18	19.87	20.70
10	256QAM	25	25	19.96	20.17	20.10	20.70
10	256QAM	50	0	20.18	20.41	20.22	20.70
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	23.43	23.60	23.41	24.20
5	QPSK	1	12	23.34	23.35	23.21	24.20
5	QPSK	1	24	23.45	23.32	23.32	24.20
5	QPSK	12	0	23.25	23.37	23.24	24.20
5	QPSK	12	7	23.29	23.34	23.19	24.20
5	QPSK	12	13	23.27	23.25	23.27	24.20
5	QPSK	25	0	23.00	23.35	23.01	24.20
5	16QAM	1	0	23.23	23.20	23.36	24.20
5	16QAM	1	12	23.14	23.27	23.20	24.20

5	16QAM	1	24	23.06	23.12	23.23	24.20
5	16QAM	12	0	23.08	23.33	23.04	23.70
5	16QAM	12	7	23.09	23.29	23.04	23.70
5	16QAM	12	13	23.03	23.21	23.01	23.70
5	16QAM	25	0	23.14	23.28	23.01	23.70
5	64QAM	1	0	23.14	23.39	23.18	23.70
5	64QAM	1	12	23.11	23.27	23.11	23.70
5	64QAM	1	24	23.10	23.32	23.02	23.70
5	64QAM	12	0	22.15	22.30	22.16	22.70
5	64QAM	12	7	22.03	22.29	22.04	22.70
5	64QAM	12	13	21.99	22.16	22.03	22.70
5	64QAM	25	0	22.06	22.32	22.13	22.70
5	256QAM	1	0	20.19	20.36	20.02	20.70
5	256QAM	1	12	20.09	20.28	20.09	20.70
5	256QAM	1	24	20.07	20.23	19.94	20.70
5	256QAM	12	0	20.15	20.35	20.02	20.70
5	256QAM	12	7	19.90	20.07	19.87	20.70
5	256QAM	12	13	19.99	20.28	20.07	20.70
5	256QAM	25	0	20.25	20.42	20.18	20.70

【LTE Band 7_Ant 4_DSI5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	16.66	16.69	16.55	
20	QPSK	1	49	16.57	16.60	16.45	17.20
20	QPSK	1	99	16.61	16.57	16.49	17.20
20	QPSK	50	0	16.56	16.62	16.46	17.20
20	QPSK	50	24	16.44	16.44	16.34	17.20
20	QPSK	50	50	16.34	16.40	16.36	17.20
20	QPSK	100	0	16.25	16.46	16.24	17.20
20	16QAM	1	0	16.29	16.44	16.41	17.20
20	16QAM	1	49	16.39	16.30	16.39	17.20
20	16QAM	1	99	16.42	16.31	16.46	17.20
20	16QAM	50	0	16.40	16.42	16.44	17.20
20	16QAM	50	24	16.50	16.48	16.53	17.20
20	16QAM	50	50	16.49	16.49	16.48	17.20
20	16QAM	100	0	16.31	16.55	16.51	17.20
20	64QAM	1	0	16.38	16.39	16.53	17.20
20	64QAM	1	49	16.44	16.37	16.48	17.20
20	64QAM	1	99	16.48	16.54	16.56	17.20
20	64QAM	50	0	16.46	16.59	16.47	17.20
20	64QAM	50	24	16.44	16.41	16.37	17.20
20	64QAM	50	50	16.47	16.50	16.63	17.20
20	64QAM	100	0	16.40	16.51	16.61	17.20
20	256QAM	1	0	16.38	16.60	16.45	17.20
20	256QAM	1	49	16.39	16.66	16.43	17.20
20	256QAM	1	99	16.46	16.43	16.49	17.20
20	256QAM	50	0	16.40	16.62	16.44	17.20
20	256QAM	50	24	16.37	16.53	16.48	17.20
20	256QAM	50	50	16.51	16.50	16.49	17.20
20	256QAM	100	0	16.44	16.52	16.46	17.20
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	16.65	16.59	16.44	
15	QPSK	1	37	16.46	16.51	16.42	17.20
15	QPSK	1	74	16.48	16.51	16.40	17.20
15	QPSK	36	0	16.44	16.59	16.44	17.20
15	QPSK	36	20	16.35	16.32	16.23	17.20
15	QPSK	36	39	16.30	16.30	16.35	17.20
15	QPSK	75	0	16.22	16.44	16.18	17.20
15	16QAM	1	0	16.25	16.37	16.36	17.20
15	16QAM	1	37	16.32	16.26	16.28	17.20
15	16QAM	1	74	16.33	16.19	16.44	17.20
15	16QAM	36	0	16.29	16.31	16.32	17.20
15	16QAM	36	20	16.42	16.47	16.48	17.20
15	16QAM	36	39	16.45	16.45	16.46	17.20
15	16QAM	75	0	16.17	16.49	16.43	17.20
15	64QAM	1	0	16.34	16.29	16.39	17.20
15	64QAM	1	37	16.36	16.33	16.45	17.20
15	64QAM	1	74	16.43	16.46	16.47	17.20

15	64QAM	36	0	16.42	16.45	16.41	17.20
15	64QAM	36	20	16.29	16.34	16.34	17.20
15	64QAM	36	39	16.39	16.39	16.49	17.20
15	64QAM	75	0	16.29	16.46	16.48	17.20
15	256QAM	1	0	16.24	16.58	16.41	17.20
15	256QAM	1	37	16.35	16.57	16.34	17.20
15	256QAM	1	74	16.43	16.31	16.40	17.20
15	256QAM	36	0	16.38	16.61	16.32	17.20
15	256QAM	36	20	16.35	16.46	16.43	17.20
15	256QAM	36	39	16.42	16.46	16.36	17.20
15	256QAM	75	0	16.39	16.44	16.43	17.20
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	16.56	16.66	16.42	17.20
10	QPSK	1	25	16.49	16.56	16.38	17.20
10	QPSK	1	49	16.50	16.53	16.47	17.20
10	QPSK	25	0	16.48	16.51	16.35	17.20
10	QPSK	25	12	16.37	16.37	16.29	17.20
10	QPSK	25	25	16.22	16.30	16.25	17.20
10	QPSK	50	0	16.16	16.33	16.11	17.20
10	16QAM	1	0	16.18	16.30	16.37	17.20
10	16QAM	1	25	16.30	16.22	16.33	17.20
10	16QAM	1	49	16.33	16.27	16.36	17.20
10	16QAM	25	0	16.36	16.36	16.30	17.20
10	16QAM	25	12	16.38	16.40	16.38	17.20
10	16QAM	25	25	16.36	16.47	16.33	17.20
10	16QAM	50	0	16.25	16.45	16.46	17.20
10	64QAM	1	0	16.24	16.26	16.51	17.20
10	64QAM	1	25	16.38	16.31	16.39	17.20
10	64QAM	1	49	16.35	16.49	16.51	17.20
10	64QAM	25	0	16.36	16.56	16.39	17.20
10	64QAM	25	12	16.38	16.29	16.25	17.20
10	64QAM	25	25	16.35	16.41	16.54	17.20
10	64QAM	50	0	16.31	16.43	16.56	17.20
10	256QAM	1	0	16.32	16.47	16.39	17.20
10	256QAM	1	25	16.36	16.54	16.42	17.20
10	256QAM	1	49	16.45	16.28	16.46	17.20
10	256QAM	25	0	16.37	16.58	16.40	17.20
10	256QAM	25	12	16.30	16.46	16.47	17.20
10	256QAM	25	25	16.45	16.43	16.46	17.20
10	256QAM	50	0	16.34	16.42	16.34	17.20
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	16.60	16.65	16.43	17.20
5	QPSK	1	12	16.53	16.51	16.34	17.20
5	QPSK	1	24	16.55	16.44	16.43	17.20
5	QPSK	12	0	16.43	16.55	16.37	17.20
5	QPSK	12	7	16.39	16.36	16.32	17.20
5	QPSK	12	13	16.24	16.29	16.29	17.20
5	QPSK	25	0	16.23	16.44	16.20	17.20
5	16QAM	1	0	16.18	16.40	16.40	17.20
5	16QAM	1	12	16.29	16.16	16.32	17.20
5	16QAM	1	24	16.37	16.25	16.37	17.20
5	16QAM	12	0	16.32	16.34	16.33	17.20
5	16QAM	12	7	16.43	16.45	16.46	17.20
5	16QAM	12	13	16.42	16.37	16.40	17.20
5	16QAM	25	0	16.19	16.49	16.46	17.20
5	64QAM	1	0	16.36	16.36	16.43	17.20
5	64QAM	1	12	16.31	16.32	16.46	17.20
5	64QAM	1	24	16.47	16.45	16.41	17.20
5	64QAM	12	0	16.39	16.49	16.45	17.20
5	64QAM	12	7	16.34	16.37	16.35	17.20
5	64QAM	12	13	16.43	16.35	16.49	17.20
5	64QAM	25	0	16.38	16.44	16.57	17.20
5	256QAM	1	0	16.36	16.56	16.40	17.20
5	256QAM	1	12	16.31	16.63	16.28	17.20
5	256QAM	1	24	16.36	16.35	16.42	17.20
5	256QAM	12	0	16.29	16.58	16.40	17.20
5	256QAM	12	7	16.34	16.41	16.43	17.20
5	256QAM	12	13	16.47	16.48	16.35	17.20
5	256QAM	25	0	16.34	16.51	16.35	17.20

【LTE Band 7_Ant 5_Default】

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	25.23	25.37	25.21	25.70
20	QPSK	1	49	25.12	25.33	25.11	25.70
20	QPSK	1	99	25.02	25.30	25.11	25.70
20	QPSK	50	0	23.94	24.22	24.01	24.70
20	QPSK	50	24	23.87	24.12	23.92	24.70
20	QPSK	50	50	23.91	24.18	23.90	24.70
20	QPSK	100	0	24.09	24.32	24.07	24.70
20	16QAM	1	0	24.23	24.49	24.23	24.70
20	16QAM	1	49	24.19	24.44	24.15	24.70
20	16QAM	1	99	24.22	24.37	24.15	24.70
20	16QAM	50	0	23.13	23.31	23.07	23.70
20	16QAM	50	24	23.05	23.23	23.04	23.70
20	16QAM	50	50	22.91	23.18	22.93	23.70
20	16QAM	100	0	23.15	23.36	23.08	23.70
20	64QAM	1	0	23.26	23.49	23.24	23.70
20	64QAM	1	49	23.07	23.34	23.13	23.70
20	64QAM	1	99	23.24	23.39	23.11	23.70
20	64QAM	50	0	22.23	22.38	22.20	22.70
20	64QAM	50	24	22.12	22.27	22.06	22.70
20	64QAM	50	50	21.99	22.23	22.02	22.70
20	64QAM	100	0	22.12	22.36	22.18	22.70
20	256QAM	1	0	20.12	20.32	20.10	20.70
20	256QAM	1	49	20.07	20.26	20.11	20.70
20	256QAM	1	99	20.02	20.18	20.01	20.70
20	256QAM	50	0	20.04	20.27	20.06	20.70
20	256QAM	50	24	19.98	20.22	20.07	20.70
20	256QAM	50	50	19.99	20.12	19.88	20.70
20	256QAM	100	0	20.12	20.32	20.16	20.70
Channel				20825	21100	21375	
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	25.10	25.25	25.13	25.70
15	QPSK	1	37	25.01	25.24	25.00	25.70
15	QPSK	1	74	24.89	25.25	25.05	25.70
15	QPSK	36	0	23.80	24.16	23.95	24.70
15	QPSK	36	20	23.75	24.09	23.79	24.70
15	QPSK	36	39	23.90	24.13	23.76	24.70
15	QPSK	75	0	23.98	24.29	24.05	24.70
15	16QAM	1	0	24.17	24.40	24.09	24.70
15	16QAM	1	37	24.17	24.35	24.06	24.70
15	16QAM	1	74	24.10	24.27	24.09	24.70
15	16QAM	36	0	22.99	23.26	22.99	23.70
15	16QAM	36	20	22.96	23.21	23.01	23.70
15	16QAM	36	39	22.79	23.08	22.78	23.70
15	16QAM	75	0	23.07	23.31	23.01	23.70
15	64QAM	1	0	23.13	23.40	23.12	23.70
15	64QAM	1	37	22.96	23.23	22.98	23.70
15	64QAM	1	74	23.21	23.30	23.00	23.70
15	64QAM	36	0	22.14	22.28	22.05	22.70
15	64QAM	36	20	21.99	22.26	22.04	22.70
15	64QAM	36	39	21.86	22.18	21.96	22.70
15	64QAM	75	0	21.98	22.35	22.16	22.70
15	256QAM	1	0	19.98	20.28	20.07	20.70
15	256QAM	1	37	19.95	20.16	20.05	20.70
15	256QAM	1	74	19.94	20.10	19.99	20.70
15	256QAM	36	0	19.97	20.15	19.99	20.70
15	256QAM	36	20	19.85	20.11	20.05	20.70
15	256QAM	36	39	19.85	19.98	19.83	20.70
15	256QAM	75	0	20.01	20.22	20.10	20.70
Channel				20800	21100	21400	
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	25.20	25.31	25.13	25.70
10	QPSK	1	25	25.05	25.28	24.99	25.70
10	QPSK	1	49	24.99	25.25	25.03	25.70
10	QPSK	25	0	23.80	24.10	23.93	24.70
10	QPSK	25	12	23.75	24.10	23.81	24.70
10	QPSK	25	25	23.82	24.10	23.77	24.70
10	QPSK	50	0	23.97	24.24	24.00	24.70
10	16QAM	1	0	24.20	24.42	24.18	24.70
10	16QAM	1	25	24.08	24.35	24.07	24.70
10	16QAM	1	49	24.12	24.31	24.09	24.70
10	16QAM	25	0	23.07	23.16	22.95	23.70

10	16QAM	25	12	23.00	23.20	22.92	23.70
10	16QAM	25	25	22.89	23.16	22.80	23.70
10	16QAM	50	0	23.14	23.22	23.05	23.70
10	64QAM	1	0	23.14	23.40	23.15	23.70
10	64QAM	1	25	22.95	23.31	23.12	23.70
10	64QAM	1	49	23.17	23.32	22.98	23.70
10	64QAM	25	0	22.09	22.31	22.07	22.70
10	64QAM	25	12	21.97	22.19	22.03	22.70
10	64QAM	25	25	21.90	22.16	21.98	22.70
10	64QAM	50	0	22.09	22.27	22.17	22.70
10	256QAM	1	0	20.06	20.27	19.96	20.70
10	256QAM	1	25	20.06	20.24	20.06	20.70
10	256QAM	1	49	19.93	20.12	19.90	20.70
10	256QAM	25	0	19.90	20.12	19.96	20.70
10	256QAM	25	12	19.87	20.20	20.05	20.70
10	256QAM	25	25	19.86	20.03	19.74	20.70
10	256QAM	50	0	20.01	20.22	20.12	20.70
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	25.17	25.22	25.14	25.70
5	QPSK	1	12	25.01	25.23	25.07	25.70
5	QPSK	1	24	24.98	25.17	25.09	25.70
5	QPSK	12	0	23.87	24.18	23.96	24.70
5	QPSK	12	7	23.80	23.98	23.87	24.70
5	QPSK	12	13	23.82	24.12	23.86	24.70
5	QPSK	25	0	23.99	24.28	24.06	24.70
5	16QAM	1	0	24.21	24.35	24.14	24.70
5	16QAM	1	12	24.09	24.34	24.07	24.70
5	16QAM	1	24	24.16	24.30	24.07	24.70
5	16QAM	12	0	23.00	23.17	23.00	23.70
5	16QAM	12	7	23.03	23.11	23.00	23.70
5	16QAM	12	13	22.88	23.13	22.90	23.70
5	16QAM	25	0	23.01	23.22	23.02	23.70
5	64QAM	1	0	23.20	23.42	23.13	23.70
5	64QAM	1	12	23.00	23.22	23.02	23.70
5	64QAM	1	24	23.18	23.26	22.98	23.70
5	64QAM	12	0	22.19	22.24	22.15	22.70
5	64QAM	12	7	22.09	22.24	21.91	22.70
5	64QAM	12	13	21.92	22.10	21.98	22.70
5	64QAM	25	0	22.00	22.24	22.08	22.70
5	256QAM	1	0	20.10	20.22	20.02	20.70
5	256QAM	1	12	19.96	20.22	20.06	20.70
5	256QAM	1	24	19.95	20.06	19.96	20.70
5	256QAM	12	0	19.91	20.19	19.95	20.70
5	256QAM	12	7	19.85	20.10	19.98	20.70
5	256QAM	12	13	19.97	19.98	19.81	20.70
5	256QAM	25	0	20.01	20.29	20.13	20.70

【LTE Band 7_Ant 5_DSI1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	17.90	17.95	17.90	18.20
20	QPSK	1	49	17.88	17.91	17.90	18.20
20	QPSK	1	99	17.88	17.92	17.83	18.20
20	QPSK	50	0	17.88	17.91	17.86	18.20
20	QPSK	50	24	17.81	17.82	17.82	18.20
20	QPSK	50	50	17.82	17.90	17.83	18.20
20	QPSK	100	0	17.84	17.88	17.84	18.20
20	16QAM	1	0	17.81	17.85	17.86	18.20
20	16QAM	1	49	17.88	17.87	17.90	18.20
20	16QAM	1	99	17.86	17.92	17.93	18.20
20	16QAM	50	0	17.91	17.84	17.91	18.20
20	16QAM	50	24	17.84	17.87	17.83	18.20
20	16QAM	50	50	17.92	17.91	17.89	18.20
20	16QAM	100	0	17.90	17.92	17.83	18.20
20	64QAM	1	0	17.90	17.87	17.84	18.20
20	64QAM	1	49	17.84	17.81	17.90	18.20
20	64QAM	1	99	17.83	17.83	17.84	18.20
20	64QAM	50	0	17.89	17.88	17.88	18.20
20	64QAM	50	24	17.91	17.82	17.92	18.20

20	64QAM	50	50	17.88	17.83	17.83	18.20
20	64QAM	100	0	17.88	17.89	17.84	18.20
20	256QAM	1	0	17.89	17.89	17.83	18.20
20	256QAM	1	49	17.86	17.88	17.86	18.20
20	256QAM	1	99	17.89	17.86	17.86	18.20
20	256QAM	50	0	17.86	17.92	17.82	18.20
20	256QAM	50	24	17.86	17.91	17.86	18.20
20	256QAM	50	50	17.87	17.82	17.89	18.20
20	256QAM	100	0	17.91	17.91	17.90	18.20
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	17.82	17.88	17.88	18.20
15	QPSK	1	37	17.78	17.79	17.82	18.20
15	QPSK	1	74	17.73	17.86	17.81	18.20
15	QPSK	36	0	17.71	17.82	17.87	18.20
15	QPSK	36	20	17.78	17.68	17.74	18.20
15	QPSK	36	39	17.79	17.71	17.86	18.20
15	QPSK	75	0	17.82	17.86	17.78	18.20
15	16QAM	1	0	17.66	17.76	17.78	18.20
15	16QAM	1	37	17.79	17.75	17.80	18.20
15	16QAM	1	74	17.73	17.85	17.86	18.20
15	16QAM	36	0	17.90	17.74	17.83	18.20
15	16QAM	36	20	17.76	17.80	17.72	18.20
15	16QAM	36	39	17.82	17.89	17.80	18.20
15	16QAM	75	0	17.82	17.86	17.80	18.20
15	64QAM	1	0	17.80	17.82	17.79	18.20
15	64QAM	1	37	17.70	17.73	17.79	18.20
15	64QAM	1	74	17.73	17.68	17.72	18.20
15	64QAM	36	0	17.75	17.83	17.77	18.20
15	64QAM	36	20	17.76	17.81	17.84	18.20
15	64QAM	36	39	17.81	17.75	17.75	18.20
15	64QAM	75	0	17.82	17.84	17.76	18.20
15	256QAM	1	0	17.77	17.78	17.71	18.20
15	256QAM	1	37	17.84	17.78	17.84	18.20
15	256QAM	1	74	17.75	17.72	17.72	18.20
15	256QAM	36	0	17.81	17.88	17.73	18.20
15	256QAM	36	20	17.81	17.83	17.80	18.20
15	256QAM	36	39	17.79	17.79	17.75	18.20
15	256QAM	75	0	17.76	17.81	17.82	18.20
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	17.82	17.85	17.79	18.20
10	QPSK	1	25	17.74	17.76	17.79	18.20
10	QPSK	1	49	17.74	17.82	17.74	18.20
10	QPSK	25	0	17.82	17.71	17.85	18.20
10	QPSK	25	12	17.77	17.76	17.81	18.20
10	QPSK	25	25	17.83	17.77	17.82	18.20
10	QPSK	50	0	17.73	17.76	17.77	18.20
10	16QAM	1	0	17.73	17.81	17.83	18.20
10	16QAM	1	25	17.81	17.82	17.84	18.20
10	16QAM	1	49	17.78	17.81	17.87	18.20
10	16QAM	25	0	17.80	17.79	17.78	18.20
10	16QAM	25	12	17.73	17.85	17.72	18.20
10	16QAM	25	25	17.80	17.89	17.87	18.20
10	16QAM	50	0	17.79	17.82	17.77	18.20
10	64QAM	1	0	17.86	17.81	17.81	18.20
10	64QAM	1	25	17.76	17.77	17.76	18.20
10	64QAM	1	49	17.74	17.79	17.82	18.20
10	64QAM	25	0	17.83	17.74	17.85	18.20
10	64QAM	25	12	17.78	17.76	17.88	18.20
10	64QAM	25	25	17.76	17.72	17.80	18.20
10	64QAM	50	0	17.77	17.87	17.75	18.20
10	256QAM	1	0	17.79	17.85	17.71	18.20
10	256QAM	1	25	17.76	17.81	17.77	18.20
10	256QAM	1	49	17.79	17.79	17.85	18.20
10	256QAM	25	0	17.85	17.89	17.80	18.20
10	256QAM	25	12	17.77	17.78	17.74	18.20
10	256QAM	25	25	17.76	17.70	17.75	18.20
10	256QAM	50	0	17.80	17.81	17.78	18.20
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	17.80	17.90	17.75	18.20
5	QPSK	1	12	17.85	17.86	17.88	18.20
5	QPSK	1	24	17.77	17.77	17.76	18.20
5	QPSK	12	0	17.79	17.78	17.74	18.20
5	QPSK	12	7	17.83	17.80	17.74	18.20
5	QPSK	12	13	17.81	17.74	17.78	18.20
5	QPSK	25	0	17.79	17.85	17.76	18.20

5	16QAM	1	0	17.74	17.73	17.74	18.20
5	16QAM	1	12	17.75	17.82	17.88	18.20
5	16QAM	1	24	17.75	17.87	17.85	18.20
5	16QAM	12	0	17.82	17.72	17.81	18.20
5	16QAM	12	7	17.72	17.83	17.76	18.20
5	16QAM	12	13	17.79	17.84	17.79	18.20
5	16QAM	25	0	17.83	17.81	17.75	18.20
5	64QAM	1	0	17.82	17.73	17.73	18.20
5	64QAM	1	12	17.83	17.70	17.89	18.20
5	64QAM	1	24	17.71	17.73	17.81	18.20
5	64QAM	12	0	17.80	17.82	17.74	18.20
5	64QAM	12	7	17.82	17.67	17.81	18.20
5	64QAM	12	13	17.79	17.70	17.74	18.20
5	64QAM	25	0	17.80	17.82	17.79	18.20
5	256QAM	1	0	17.83	17.86	17.79	18.20
5	256QAM	1	12	17.72	17.81	17.82	18.20
5	256QAM	1	24	17.84	17.77	17.78	18.20
5	256QAM	12	0	17.83	17.87	17.70	18.20
5	256QAM	12	7	17.74	17.84	17.74	18.20
5	256QAM	12	13	17.74	17.81	17.85	18.20
5	256QAM	25	0	17.77	17.82	17.76	18.20

【LTE Band 7_Ant 5_DSI3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	18.84	18.93	18.92	19.20
20	QPSK	1	49	18.92	18.89	18.85	19.20
20	QPSK	1	99	18.90	18.86	18.88	19.20
20	QPSK	50	0	18.87	18.90	18.89	19.20
20	QPSK	50	24	18.83	18.88	18.84	19.20
20	QPSK	50	50	18.82	18.87	18.84	19.20
20	QPSK	100	0	18.79	18.82	18.81	19.20
20	16QAM	1	0	18.86	18.82	18.92	19.20
20	16QAM	1	49	18.91	18.87	18.84	19.20
20	16QAM	1	99	18.82	18.92	18.90	19.20
20	16QAM	50	0	18.83	18.90	18.82	19.20
20	16QAM	50	24	18.81	18.93	18.85	19.20
20	16QAM	50	50	18.89	18.86	18.92	19.20
20	16QAM	100	0	18.89	18.83	18.83	19.20
20	64QAM	1	0	18.87	18.84	18.82	19.20
20	64QAM	1	49	18.92	18.88	18.92	19.20
20	64QAM	1	99	18.81	18.84	18.91	19.20
20	64QAM	50	0	18.90	18.89	18.84	19.20
20	64QAM	50	24	18.84	18.92	18.92	19.20
20	64QAM	50	50	18.89	18.86	18.92	19.20
20	64QAM	100	0	18.88	18.91	18.90	19.20
20	256QAM	1	0	18.90	18.92	18.82	19.20
20	256QAM	1	49	18.92	18.89	18.85	19.20
20	256QAM	1	99	18.91	18.88	18.93	19.20
20	256QAM	50	0	18.88	18.86	18.90	19.20
20	256QAM	50	24	18.90	18.84	18.83	19.20
20	256QAM	50	50	18.84	18.92	18.93	19.20
20	256QAM	100	0	18.85	18.83	18.81	19.20
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	18.74	18.70	18.78	19.20
15	QPSK	1	37	18.87	18.88	18.79	19.20
15	QPSK	1	74	18.86	18.74	18.74	19.20
15	QPSK	36	0	18.73	18.80	18.80	19.20
15	QPSK	36	20	18.77	18.74	18.87	19.20
15	QPSK	36	39	18.85	18.73	18.77	19.20
15	QPSK	75	0	18.83	18.75	18.73	19.20
15	16QAM	1	0	18.74	18.75	18.80	19.20
15	16QAM	1	37	18.84	18.72	18.70	19.20
15	16QAM	1	74	18.74	18.81	18.76	19.20
15	16QAM	36	0	18.70	18.84	18.69	19.20
15	16QAM	36	20	18.79	18.89	18.72	19.20
15	16QAM	36	39	18.75	18.85	18.88	19.20
15	16QAM	75	0	18.88	18.71	18.76	19.20
15	64QAM	1	0	18.79	18.78	18.77	19.20

15	64QAM	1	37	18.83	18.77	18.77	19.20
15	64QAM	1	74	18.78	18.77	18.82	19.20
15	64QAM	36	0	18.89	18.77	18.78	19.20
15	64QAM	36	20	18.74	18.77	18.85	19.20
15	64QAM	36	39	18.80	18.73	18.84	19.20
15	64QAM	75	0	18.78	18.85	18.81	19.20
15	256QAM	1	0	18.86	18.89	18.73	19.20
15	256QAM	1	37	18.86	18.76	18.70	19.20
15	256QAM	1	74	18.84	18.78	18.83	19.20
15	256QAM	36	0	18.77	18.80	18.83	19.20
15	256QAM	36	20	18.87	18.77	18.71	19.20
15	256QAM	36	39	18.74	18.77	18.82	19.20
15	256QAM	75	0	18.74	18.75	18.76	19.20
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	18.81	18.74	18.79	19.20
10	QPSK	1	25	18.78	18.80	18.72	19.20
10	QPSK	1	49	18.76	18.81	18.82	19.20
10	QPSK	25	0	18.81	18.80	18.75	19.20
10	QPSK	25	12	18.80	18.82	18.88	19.20
10	QPSK	25	25	18.81	18.83	18.69	19.20
10	QPSK	50	0	18.76	18.80	18.75	19.20
10	16QAM	1	0	18.77	18.71	18.91	19.20
10	16QAM	1	25	18.77	18.79	18.80	19.20
10	16QAM	1	49	18.80	18.78	18.84	19.20
10	16QAM	25	0	18.73	18.80	18.68	19.20
10	16QAM	25	12	18.69	18.87	18.79	19.20
10	16QAM	25	25	18.78	18.79	18.77	19.20
10	16QAM	50	0	18.86	18.72	18.78	19.20
10	64QAM	1	0	18.72	18.73	18.78	19.20
10	64QAM	1	25	18.77	18.76	18.89	19.20
10	64QAM	1	49	18.70	18.81	18.82	19.20
10	64QAM	25	0	18.76	18.77	18.72	19.20
10	64QAM	25	12	18.70	18.85	18.86	19.20
10	64QAM	25	25	18.86	18.75	18.84	19.20
10	64QAM	50	0	18.84	18.85	18.83	19.20
10	256QAM	1	0	18.79	18.82	18.70	19.20
10	256QAM	1	25	18.81	18.86	18.80	19.20
10	256QAM	1	49	18.79	18.82	18.89	19.20
10	256QAM	25	0	18.81	18.82	18.84	19.20
10	256QAM	25	12	18.88	18.81	18.78	19.20
10	256QAM	25	25	18.77	18.89	18.85	19.20
10	256QAM	50	0	18.84	18.70	18.67	19.20
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	18.81	18.77	18.85	19.20
5	QPSK	1	12	18.86	18.77	18.78	19.20
5	QPSK	1	24	18.80	18.76	18.74	19.20
5	QPSK	12	0	18.84	18.84	18.83	19.20
5	QPSK	12	7	18.81	18.80	18.88	19.20
5	QPSK	12	13	18.87	18.83	18.71	19.20
5	QPSK	25	0	18.87	18.75	18.69	19.20
5	16QAM	1	0	18.74	18.68	18.88	19.20
5	16QAM	1	12	18.76	18.74	18.71	19.20
5	16QAM	1	24	18.74	18.81	18.76	19.20
5	16QAM	12	0	18.75	18.89	18.78	19.20
5	16QAM	12	7	18.74	18.81	18.72	19.20
5	16QAM	12	13	18.80	18.83	18.83	19.20
5	16QAM	25	0	18.87	18.72	18.82	19.20
5	64QAM	1	0	18.80	18.77	18.77	19.20
5	64QAM	1	12	18.79	18.81	18.86	19.20
5	64QAM	1	24	18.67	18.74	18.80	19.20
5	64QAM	12	0	18.78	18.79	18.72	19.20
5	64QAM	12	7	18.82	18.87	18.81	19.20
5	64QAM	12	13	18.78	18.80	18.80	19.20
5	64QAM	25	0	18.84	18.78	18.77	19.20
5	256QAM	1	0	18.81	18.88	18.70	19.20
5	256QAM	1	12	18.91	18.76	18.81	19.20
5	256QAM	1	24	18.82	18.81	18.78	19.20
5	256QAM	12	0	18.77	18.75	18.82	19.20
5	256QAM	12	7	18.78	18.72	18.79	19.20
5	256QAM	12	13	18.79	18.83	18.92	19.20
5	256QAM	25	0	18.78	18.76	18.80	19.20

【LTE Band 7_Ant 5_DSI4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	18.84	18.93	18.92	19.20
20	QPSK	1	49	18.92	18.89	18.85	19.20
20	QPSK	1	99	18.90	18.86	18.88	19.20
20	QPSK	50	0	18.87	18.90	18.89	19.20
20	QPSK	50	24	18.83	18.88	18.84	19.20
20	QPSK	50	50	18.82	18.87	18.84	19.20
20	QPSK	100	0	18.79	18.82	18.81	19.20
20	16QAM	1	0	18.86	18.82	18.92	19.20
20	16QAM	1	49	18.91	18.87	18.84	19.20
20	16QAM	1	99	18.82	18.92	18.90	19.20
20	16QAM	50	0	18.83	18.90	18.82	19.20
20	16QAM	50	24	18.81	18.93	18.85	19.20
20	16QAM	50	50	18.89	18.86	18.92	19.20
20	16QAM	100	0	18.89	18.83	18.83	19.20
20	64QAM	1	0	18.87	18.84	18.82	19.20
20	64QAM	1	49	18.92	18.88	18.92	19.20
20	64QAM	1	99	18.81	18.84	18.91	19.20
20	64QAM	50	0	18.90	18.89	18.84	19.20
20	64QAM	50	24	18.84	18.92	18.92	19.20
20	64QAM	50	50	18.89	18.86	18.92	19.20
20	64QAM	100	0	18.88	18.91	18.90	19.20
20	256QAM	1	0	18.90	18.92	18.82	19.20
20	256QAM	1	49	18.92	18.89	18.85	19.20
20	256QAM	1	99	18.91	18.88	18.93	19.20
20	256QAM	50	0	18.88	18.86	18.90	19.20
20	256QAM	50	24	18.90	18.84	18.83	19.20
20	256QAM	50	50	18.84	18.92	18.93	19.20
20	256QAM	100	0	18.85	18.83	18.81	19.20
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	18.74	18.70	18.78	19.20
15	QPSK	1	37	18.87	18.88	18.79	19.20
15	QPSK	1	74	18.86	18.74	18.74	19.20
15	QPSK	36	0	18.73	18.80	18.80	19.20
15	QPSK	36	20	18.77	18.74	18.87	19.20
15	QPSK	36	39	18.85	18.73	18.77	19.20
15	QPSK	75	0	18.83	18.75	18.73	19.20
15	16QAM	1	0	18.74	18.75	18.80	19.20
15	16QAM	1	37	18.84	18.72	18.70	19.20
15	16QAM	1	74	18.74	18.81	18.76	19.20
15	16QAM	36	0	18.70	18.84	18.69	19.20
15	16QAM	36	20	18.79	18.89	18.72	19.20
15	16QAM	36	39	18.75	18.85	18.88	19.20
15	16QAM	75	0	18.88	18.71	18.76	19.20
15	64QAM	1	0	18.79	18.78	18.77	19.20
15	64QAM	1	37	18.83	18.77	18.77	19.20
15	64QAM	1	74	18.78	18.77	18.82	19.20
15	64QAM	36	0	18.89	18.77	18.78	19.20
15	64QAM	36	20	18.74	18.77	18.85	19.20
15	64QAM	36	39	18.80	18.73	18.84	19.20
15	64QAM	75	0	18.78	18.85	18.81	19.20
15	256QAM	1	0	18.86	18.89	18.73	19.20
15	256QAM	1	37	18.86	18.76	18.70	19.20
15	256QAM	1	74	18.84	18.78	18.83	19.20
15	256QAM	36	0	18.77	18.80	18.83	19.20
15	256QAM	36	20	18.87	18.77	18.71	19.20
15	256QAM	36	39	18.74	18.77	18.82	19.20
15	256QAM	75	0	18.74	18.75	18.76	19.20
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	18.81	18.74	18.79	19.20
10	QPSK	1	25	18.78	18.80	18.72	19.20
10	QPSK	1	49	18.76	18.81	18.82	19.20
10	QPSK	25	0	18.81	18.80	18.75	19.20
10	QPSK	25	12	18.80	18.82	18.88	19.20
10	QPSK	25	25	18.81	18.83	18.69	19.20
10	QPSK	50	0	18.76	18.80	18.75	19.20
10	16QAM	1	0	18.77	18.71	18.91	19.20
10	16QAM	1	25	18.77	18.79	18.80	19.20
10	16QAM	1	49	18.80	18.78	18.84	19.20
10	16QAM	25	0	18.73	18.80	18.68	19.20
10	16QAM	25	12	18.69	18.87	18.79	19.20

10	16QAM	25	25	18.78	18.79	18.77	19.20
10	16QAM	50	0	18.86	18.72	18.78	19.20
10	64QAM	1	0	18.72	18.73	18.78	19.20
10	64QAM	1	25	18.77	18.76	18.89	19.20
10	64QAM	1	49	18.70	18.81	18.82	19.20
10	64QAM	25	0	18.76	18.77	18.72	19.20
10	64QAM	25	12	18.70	18.85	18.86	19.20
10	64QAM	25	25	18.86	18.75	18.84	19.20
10	64QAM	50	0	18.84	18.85	18.83	19.20
10	256QAM	1	0	18.79	18.82	18.70	19.20
10	256QAM	1	25	18.81	18.86	18.80	19.20
10	256QAM	1	49	18.79	18.82	18.89	19.20
10	256QAM	25	0	18.81	18.82	18.84	19.20
10	256QAM	25	12	18.88	18.81	18.78	19.20
10	256QAM	25	25	18.77	18.89	18.85	19.20
10	256QAM	50	0	18.84	18.70	18.67	19.20
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	18.81	18.77	18.85	19.20
5	QPSK	1	12	18.86	18.77	18.78	19.20
5	QPSK	1	24	18.80	18.76	18.74	19.20
5	QPSK	12	0	18.84	18.84	18.83	19.20
5	QPSK	12	7	18.81	18.80	18.88	19.20
5	QPSK	12	13	18.87	18.83	18.71	19.20
5	QPSK	25	0	18.87	18.75	18.69	19.20
5	16QAM	1	0	18.74	18.68	18.88	19.20
5	16QAM	1	12	18.76	18.74	18.71	19.20
5	16QAM	1	24	18.74	18.81	18.76	19.20
5	16QAM	12	0	18.75	18.89	18.78	19.20
5	16QAM	12	7	18.74	18.81	18.72	19.20
5	16QAM	12	13	18.80	18.83	18.83	19.20
5	16QAM	25	0	18.87	18.72	18.82	19.20
5	64QAM	1	0	18.80	18.77	18.77	19.20
5	64QAM	1	12	18.79	18.81	18.86	19.20
5	64QAM	1	24	18.67	18.74	18.80	19.20
5	64QAM	12	0	18.78	18.79	18.72	19.20
5	64QAM	12	7	18.82	18.87	18.81	19.20
5	64QAM	12	13	18.78	18.80	18.80	19.20
5	64QAM	25	0	18.84	18.78	18.77	19.20
5	256QAM	1	0	18.81	18.88	18.70	19.20
5	256QAM	1	12	18.91	18.76	18.81	19.20
5	256QAM	1	24	18.82	18.81	18.78	19.20
5	256QAM	12	0	18.77	18.75	18.82	19.20
5	256QAM	12	7	18.78	18.72	18.79	19.20
5	256QAM	12	13	18.79	18.83	18.92	19.20
5	256QAM	25	0	18.78	18.76	18.80	19.20

【LTE Band 7_Ant 5_DSI5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	17.90	17.95	17.90	18.20
20	QPSK	1	49	17.88	17.91	17.90	18.20
20	QPSK	1	99	17.88	17.92	17.83	18.20
20	QPSK	50	0	17.88	17.91	17.86	18.20
20	QPSK	50	24	17.81	17.82	17.82	18.20
20	QPSK	50	50	17.82	17.90	17.83	18.20
20	QPSK	100	0	17.84	17.88	17.84	18.20
20	16QAM	1	0	17.81	17.85	17.86	18.20
20	16QAM	1	49	17.88	17.87	17.90	18.20
20	16QAM	1	99	17.86	17.92	17.93	18.20
20	16QAM	50	0	17.91	17.84	17.91	18.20
20	16QAM	50	24	17.84	17.87	17.83	18.20
20	16QAM	50	50	17.92	17.91	17.89	18.20
20	16QAM	100	0	17.90	17.92	17.83	18.20
20	64QAM	1	0	17.90	17.87	17.84	18.20
20	64QAM	1	49	17.84	17.81	17.90	18.20
20	64QAM	1	99	17.83	17.83	17.84	18.20
20	64QAM	50	0	17.89	17.88	17.88	18.20
20	64QAM	50	24	17.91	17.82	17.92	18.20
20	64QAM	50	50	17.88	17.83	17.83	18.20

20	64QAM	100	0	17.88	17.89	17.84	18.20
20	256QAM	1	0	17.89	17.89	17.83	18.20
20	256QAM	1	49	17.86	17.88	17.86	18.20
20	256QAM	1	99	17.89	17.86	17.86	18.20
20	256QAM	50	0	17.86	17.92	17.82	18.20
20	256QAM	50	24	17.86	17.91	17.86	18.20
20	256QAM	50	50	17.87	17.82	17.89	18.20
20	256QAM	100	0	17.91	17.91	17.90	18.20
Channel				20825	21100	21375	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	QPSK	1	0	17.82	17.88	17.88	18.20
15	QPSK	1	37	17.78	17.79	17.82	18.20
15	QPSK	1	74	17.73	17.86	17.81	18.20
15	QPSK	36	0	17.71	17.82	17.87	18.20
15	QPSK	36	20	17.78	17.68	17.74	18.20
15	QPSK	36	39	17.79	17.71	17.86	18.20
15	QPSK	75	0	17.82	17.86	17.78	18.20
15	16QAM	1	0	17.66	17.76	17.78	18.20
15	16QAM	1	37	17.79	17.75	17.80	18.20
15	16QAM	1	74	17.73	17.85	17.86	18.20
15	16QAM	36	0	17.90	17.74	17.83	18.20
15	16QAM	36	20	17.76	17.80	17.72	18.20
15	16QAM	36	39	17.82	17.89	17.80	18.20
15	16QAM	75	0	17.82	17.86	17.80	18.20
15	64QAM	1	0	17.80	17.82	17.79	18.20
15	64QAM	1	37	17.70	17.73	17.79	18.20
15	64QAM	1	74	17.73	17.68	17.72	18.20
15	64QAM	36	0	17.75	17.83	17.77	18.20
15	64QAM	36	20	17.76	17.81	17.84	18.20
15	64QAM	36	39	17.81	17.75	17.75	18.20
15	64QAM	75	0	17.82	17.84	17.76	18.20
15	256QAM	1	0	17.77	17.78	17.71	18.20
15	256QAM	1	37	17.84	17.78	17.84	18.20
15	256QAM	1	74	17.75	17.72	17.72	18.20
15	256QAM	36	0	17.81	17.88	17.73	18.20
15	256QAM	36	20	17.81	17.83	17.80	18.20
15	256QAM	36	39	17.79	17.79	17.75	18.20
15	256QAM	75	0	17.76	17.81	17.82	18.20
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	17.82	17.85	17.79	18.20
10	QPSK	1	25	17.74	17.76	17.79	18.20
10	QPSK	1	49	17.74	17.82	17.74	18.20
10	QPSK	25	0	17.82	17.71	17.85	18.20
10	QPSK	25	12	17.77	17.76	17.81	18.20
10	QPSK	25	25	17.83	17.77	17.82	18.20
10	QPSK	50	0	17.73	17.76	17.77	18.20
10	16QAM	1	0	17.73	17.81	17.83	18.20
10	16QAM	1	25	17.81	17.82	17.84	18.20
10	16QAM	1	49	17.78	17.81	17.87	18.20
10	16QAM	25	0	17.80	17.79	17.78	18.20
10	16QAM	25	12	17.73	17.85	17.72	18.20
10	16QAM	25	25	17.80	17.89	17.87	18.20
10	16QAM	50	0	17.79	17.82	17.77	18.20
10	64QAM	1	0	17.86	17.81	17.81	18.20
10	64QAM	1	25	17.76	17.77	17.76	18.20
10	64QAM	1	49	17.74	17.79	17.82	18.20
10	64QAM	25	0	17.83	17.74	17.85	18.20
10	64QAM	25	12	17.78	17.76	17.88	18.20
10	64QAM	25	25	17.76	17.72	17.80	18.20
10	64QAM	50	0	17.77	17.87	17.75	18.20
10	256QAM	1	0	17.79	17.85	17.71	18.20
10	256QAM	1	25	17.76	17.81	17.77	18.20
10	256QAM	1	49	17.79	17.79	17.85	18.20
10	256QAM	25	0	17.85	17.89	17.80	18.20
10	256QAM	25	12	17.77	17.78	17.74	18.20
10	256QAM	25	25	17.76	17.70	17.75	18.20
10	256QAM	50	0	17.80	17.81	17.78	18.20
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	17.80	17.90	17.75	18.20
5	QPSK	1	12	17.85	17.86	17.88	18.20
5	QPSK	1	24	17.77	17.77	17.76	18.20
5	QPSK	12	0	17.79	17.78	17.74	18.20
5	QPSK	12	7	17.83	17.80	17.74	18.20
5	QPSK	12	13	17.81	17.74	17.78	18.20
5	QPSK	25	0	17.79	17.85	17.76	18.20
5	16QAM	1	0	17.74	17.73	17.74	18.20

5	16QAM	1	12	17.75	17.82	17.88	18.20
5	16QAM	1	24	17.75	17.87	17.85	18.20
5	16QAM	12	0	17.82	17.72	17.81	18.20
5	16QAM	12	7	17.72	17.83	17.76	18.20
5	16QAM	12	13	17.79	17.84	17.79	18.20
5	16QAM	25	0	17.83	17.81	17.75	18.20
5	64QAM	1	0	17.82	17.73	17.73	18.20
5	64QAM	1	12	17.83	17.70	17.89	18.20
5	64QAM	1	24	17.71	17.73	17.81	18.20
5	64QAM	12	0	17.80	17.82	17.74	18.20
5	64QAM	12	7	17.82	17.67	17.81	18.20
5	64QAM	12	13	17.79	17.70	17.74	18.20
5	64QAM	25	0	17.80	17.82	17.79	18.20
5	256QAM	1	0	17.83	17.86	17.79	18.20
5	256QAM	1	12	17.72	17.81	17.82	18.20
5	256QAM	1	24	17.84	17.77	17.78	18.20
5	256QAM	12	0	17.83	17.87	17.70	18.20
5	256QAM	12	7	17.74	17.84	17.74	18.20
5	256QAM	12	13	17.74	17.81	17.85	18.20
5	256QAM	25	0	17.77	17.82	17.76	18.20

【LTE Band 7_Ant 6_default】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	24.32	24.52	24.43	25.50
20	QPSK	1	49	24.17	24.47	24.36	25.50
20	QPSK	1	99	24.16	24.48	24.28	25.50
20	QPSK	50	0	23.26	23.53	23.32	24.50
20	QPSK	50	24	23.18	23.47	23.24	24.50
20	QPSK	50	50	23.13	23.46	23.27	24.50
20	QPSK	100	0	23.15	23.45	23.33	24.50
20	16QAM	1	0	23.61	23.95	23.79	24.50
20	16QAM	1	49	23.58	23.91	23.79	24.50
20	16QAM	1	99	23.58	23.84	23.61	24.50
20	16QAM	50	0	22.15	22.48	22.39	23.50
20	16QAM	50	24	22.12	22.40	22.22	23.50
20	16QAM	50	50	22.13	22.38	22.23	23.50
20	16QAM	100	0	22.27	22.49	22.34	23.50
20	64QAM	1	0	22.25	22.56	22.45	23.50
20	64QAM	1	49	22.31	22.55	22.34	23.50
20	64QAM	1	99	22.23	22.50	22.40	23.50
20	64QAM	50	0	21.15	21.46	21.33	22.50
20	64QAM	50	24	21.12	21.42	21.28	22.50
20	64QAM	50	50	21.08	21.35	21.24	22.50
20	64QAM	100	0	21.27	21.47	21.33	22.50
20	256QAM	1	0	19.32	19.59	19.46	20.50
20	256QAM	1	49	19.37	19.56	19.39	20.50
20	256QAM	1	99	19.24	19.52	19.42	20.50
20	256QAM	50	0	19.19	19.45	19.32	20.50
20	256QAM	50	24	19.15	19.40	19.23	20.50
20	256QAM	50	50	19.22	19.43	19.22	20.50
20	256QAM	100	0	19.11	19.41	19.33	20.50
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	24.19	24.39	24.39	25.50
15	QPSK	1	37	24.05	24.34	24.22	25.50
15	QPSK	1	74	24.01	24.40	24.22	25.50
15	QPSK	36	0	23.20	23.42	23.18	24.50
15	QPSK	36	20	23.15	23.37	23.18	24.50
15	QPSK	36	39	23.09	23.40	23.20	24.50
15	QPSK	75	0	23.08	23.36	23.19	24.50
15	16QAM	1	0	23.59	23.85	23.68	24.50
15	16QAM	1	37	23.43	23.79	23.77	24.50
15	16QAM	1	74	23.52	23.73	23.49	24.50
15	16QAM	36	0	22.12	22.45	22.30	23.50
15	16QAM	36	20	22.00	22.38	22.21	23.50
15	16QAM	36	39	22.01	22.26	22.15	23.50
15	16QAM	75	0	22.19	22.41	22.30	23.50
15	64QAM	1	0	22.12	22.50	22.38	23.50
15	64QAM	1	37	22.24	22.45	22.31	23.50

15	64QAM	1	74	22.16	22.47	22.25	23.50
15	64QAM	36	0	21.04	21.36	21.21	22.50
15	64QAM	36	20	21.00	21.29	21.16	22.50
15	64QAM	36	39	21.03	21.23	21.16	22.50
15	64QAM	75	0	21.23	21.41	21.28	22.50
15	256QAM	1	0	19.20	19.50	19.41	20.50
15	256QAM	1	37	19.24	19.51	19.25	20.50
15	256QAM	1	74	19.17	19.47	19.38	20.50
15	256QAM	36	0	19.11	19.33	19.21	20.50
15	256QAM	36	20	19.08	19.38	19.12	20.50
15	256QAM	36	39	19.10	19.38	19.16	20.50
15	256QAM	75	0	19.01	19.40	19.21	20.50
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	24.20	24.43	24.33	25.50
10	QPSK	1	25	24.09	24.43	24.25	25.50
10	QPSK	1	49	24.09	24.39	24.18	25.50
10	QPSK	25	0	23.16	23.39	23.28	24.50
10	QPSK	25	12	23.09	23.35	23.22	24.50
10	QPSK	25	25	22.99	23.33	23.21	24.50
10	QPSK	50	0	23.03	23.31	23.28	24.50
10	16QAM	1	0	23.57	23.86	23.69	24.50
10	16QAM	1	25	23.46	23.82	23.66	24.50
10	16QAM	1	49	23.47	23.74	23.54	24.50
10	16QAM	25	0	22.06	22.46	22.27	23.50
10	16QAM	25	12	21.98	22.26	22.19	23.50
10	16QAM	25	25	22.04	22.31	22.15	23.50
10	16QAM	50	0	22.12	22.37	22.29	23.50
10	64QAM	1	0	22.21	22.42	22.35	23.50
10	64QAM	1	25	22.20	22.40	22.31	23.50
10	64QAM	1	49	22.14	22.39	22.28	23.50
10	64QAM	25	0	21.14	21.43	21.22	22.50
10	64QAM	25	12	21.01	21.31	21.19	22.50
10	64QAM	25	25	20.99	21.27	21.16	22.50
10	64QAM	50	0	21.25	21.37	21.29	22.50
10	256QAM	1	0	19.26	19.55	19.35	20.50
10	256QAM	1	25	19.25	19.50	19.26	20.50
10	256QAM	1	49	19.09	19.37	19.34	20.50
10	256QAM	25	0	19.15	19.33	19.23	20.50
10	256QAM	25	12	19.12	19.32	19.09	20.50
10	256QAM	25	25	19.21	19.39	19.16	20.50
10	256QAM	50	0	19.02	19.28	19.23	20.50
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	24.25	24.46	24.41	25.50
5	QPSK	1	12	24.04	24.38	24.24	25.50
5	QPSK	1	24	24.08	24.42	24.13	25.50
5	QPSK	12	0	23.19	23.48	23.20	24.50
5	QPSK	12	7	23.11	23.38	23.14	24.50
5	QPSK	12	13	23.08	23.33	23.20	24.50
5	QPSK	25	0	23.09	23.31	23.21	24.50
5	16QAM	1	0	23.54	23.88	23.71	24.50
5	16QAM	1	12	23.50	23.78	23.74	24.50
5	16QAM	1	24	23.45	23.69	23.57	24.50
5	16QAM	12	0	22.06	22.43	22.36	23.50
5	16QAM	12	7	22.06	22.37	22.10	23.50
5	16QAM	12	13	22.02	22.36	22.21	23.50
5	16QAM	25	0	22.19	22.45	22.22	23.50
5	64QAM	1	0	22.12	22.47	22.40	23.50
5	64QAM	1	12	22.17	22.47	22.28	23.50
5	64QAM	1	24	22.21	22.39	22.32	23.50
5	64QAM	12	0	21.10	21.40	21.29	22.50
5	64QAM	12	7	20.98	21.37	21.24	22.50
5	64QAM	12	13	20.96	21.21	21.10	22.50
5	64QAM	25	0	21.22	21.39	21.27	22.50
5	256QAM	1	0	19.25	19.45	19.37	20.50
5	256QAM	1	12	19.35	19.46	19.27	20.50
5	256QAM	1	24	19.15	19.44	19.36	20.50
5	256QAM	12	0	19.12	19.34	19.18	20.50
5	256QAM	12	7	19.13	19.32	19.20	20.50
5	256QAM	12	13	19.15	19.29	19.17	20.50
5	256QAM	25	0	19.06	19.35	19.29	20.50

【LTE Band 7_Ant 6_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	24.32	24.52	24.43	25.50
20	QPSK	1	49	24.17	24.47	24.36	25.50
20	QPSK	1	99	24.16	24.48	24.28	25.50
20	QPSK	50	0	23.26	23.53	23.32	24.50
20	QPSK	50	24	23.18	23.47	23.24	24.50
20	QPSK	50	50	23.13	23.46	23.27	24.50
20	QPSK	100	0	23.15	23.45	23.33	24.50
20	16QAM	1	0	23.61	23.95	23.79	24.50
20	16QAM	1	49	23.58	23.91	23.79	24.50
20	16QAM	1	99	23.58	23.84	23.61	24.50
20	16QAM	50	0	22.15	22.48	22.39	23.50
20	16QAM	50	24	22.12	22.40	22.22	23.50
20	16QAM	50	50	22.13	22.38	22.23	23.50
20	16QAM	100	0	22.27	22.49	22.34	23.50
20	64QAM	1	0	22.25	22.56	22.45	23.50
20	64QAM	1	49	22.31	22.55	22.34	23.50
20	64QAM	1	99	22.23	22.50	22.40	23.50
20	64QAM	50	0	21.15	21.46	21.33	22.50
20	64QAM	50	24	21.12	21.42	21.28	22.50
20	64QAM	50	50	21.08	21.35	21.24	22.50
20	64QAM	100	0	21.27	21.47	21.33	22.50
20	256QAM	1	0	19.32	19.59	19.46	20.50
20	256QAM	1	49	19.37	19.56	19.39	20.50
20	256QAM	1	99	19.24	19.52	19.42	20.50
20	256QAM	50	0	19.19	19.45	19.32	20.50
20	256QAM	50	24	19.15	19.40	19.23	20.50
20	256QAM	50	50	19.22	19.43	19.22	20.50
20	256QAM	100	0	19.11	19.41	19.33	20.50
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	24.19	24.39	24.39	25.50
15	QPSK	1	37	24.05	24.34	24.22	25.50
15	QPSK	1	74	24.01	24.40	24.22	25.50
15	QPSK	36	0	23.20	23.42	23.18	24.50
15	QPSK	36	20	23.15	23.37	23.18	24.50
15	QPSK	36	39	23.09	23.40	23.20	24.50
15	QPSK	75	0	23.08	23.36	23.19	24.50
15	16QAM	1	0	23.59	23.85	23.68	24.50
15	16QAM	1	37	23.43	23.79	23.77	24.50
15	16QAM	1	74	23.52	23.73	23.49	24.50
15	16QAM	36	0	22.12	22.45	22.30	23.50
15	16QAM	36	20	22.00	22.38	22.21	23.50
15	16QAM	36	39	22.01	22.26	22.15	23.50
15	16QAM	75	0	22.19	22.41	22.30	23.50
15	64QAM	1	0	22.12	22.50	22.38	23.50
15	64QAM	1	37	22.24	22.45	22.31	23.50
15	64QAM	1	74	22.16	22.47	22.25	23.50
15	64QAM	36	0	21.04	21.36	21.21	22.50
15	64QAM	36	20	21.00	21.29	21.16	22.50
15	64QAM	36	39	21.03	21.23	21.16	22.50
15	64QAM	75	0	21.23	21.41	21.28	22.50
15	256QAM	1	0	19.20	19.50	19.41	20.50
15	256QAM	1	37	19.24	19.51	19.25	20.50
15	256QAM	1	74	19.17	19.47	19.38	20.50
15	256QAM	36	0	19.11	19.33	19.21	20.50
15	256QAM	36	20	19.08	19.38	19.12	20.50
15	256QAM	36	39	19.10	19.38	19.16	20.50
15	256QAM	75	0	19.01	19.40	19.21	20.50
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	24.20	24.43	24.33	25.50
10	QPSK	1	25	24.09	24.43	24.25	25.50
10	QPSK	1	49	24.09	24.39	24.18	25.50
10	QPSK	25	0	23.16	23.39	23.28	24.50
10	QPSK	25	12	23.09	23.35	23.22	24.50
10	QPSK	25	25	22.99	23.33	23.21	24.50
10	QPSK	50	0	23.03	23.31	23.28	24.50
10	16QAM	1	0	23.57	23.86	23.69	24.50
10	16QAM	1	25	23.46	23.82	23.66	24.50
10	16QAM	1	49	23.47	23.74	23.54	24.50
10	16QAM	25	0	22.06	22.46	22.27	23.50

10	16QAM	25	12	21.98	22.26	22.19	23.50
10	16QAM	25	25	22.04	22.31	22.15	23.50
10	16QAM	50	0	22.12	22.37	22.29	23.50
10	64QAM	1	0	22.21	22.42	22.35	23.50
10	64QAM	1	25	22.20	22.40	22.31	23.50
10	64QAM	1	49	22.14	22.39	22.28	23.50
10	64QAM	25	0	21.14	21.43	21.22	22.50
10	64QAM	25	12	21.01	21.31	21.19	22.50
10	64QAM	25	25	20.99	21.27	21.16	22.50
10	64QAM	50	0	21.25	21.37	21.29	22.50
10	256QAM	1	0	19.26	19.55	19.35	20.50
10	256QAM	1	25	19.25	19.50	19.26	20.50
10	256QAM	1	49	19.09	19.37	19.34	20.50
10	256QAM	25	0	19.15	19.33	19.23	20.50
10	256QAM	25	12	19.12	19.32	19.09	20.50
10	256QAM	25	25	19.21	19.39	19.16	20.50
10	256QAM	50	0	19.02	19.28	19.23	20.50
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	24.25	24.46	24.41	25.50
5	QPSK	1	12	24.04	24.38	24.24	25.50
5	QPSK	1	24	24.08	24.42	24.13	25.50
5	QPSK	12	0	23.19	23.48	23.20	24.50
5	QPSK	12	7	23.11	23.38	23.14	24.50
5	QPSK	12	13	23.08	23.33	23.20	24.50
5	QPSK	25	0	23.09	23.31	23.21	24.50
5	16QAM	1	0	23.54	23.88	23.71	24.50
5	16QAM	1	12	23.50	23.78	23.74	24.50
5	16QAM	1	24	23.45	23.69	23.57	24.50
5	16QAM	12	0	22.06	22.43	22.36	23.50
5	16QAM	12	7	22.06	22.37	22.10	23.50
5	16QAM	12	13	22.02	22.36	22.21	23.50
5	16QAM	25	0	22.19	22.45	22.22	23.50
5	64QAM	1	0	22.12	22.47	22.40	23.50
5	64QAM	1	12	22.17	22.47	22.28	23.50
5	64QAM	1	24	22.21	22.39	22.32	23.50
5	64QAM	12	0	21.10	21.40	21.29	22.50
5	64QAM	12	7	20.98	21.37	21.24	22.50
5	64QAM	12	13	20.96	21.21	21.10	22.50
5	64QAM	25	0	21.22	21.39	21.27	22.50
5	256QAM	1	0	19.25	19.45	19.37	20.50
5	256QAM	1	12	19.35	19.46	19.27	20.50
5	256QAM	1	24	19.15	19.44	19.36	20.50
5	256QAM	12	0	19.12	19.34	19.18	20.50
5	256QAM	12	7	19.13	19.32	19.20	20.50
5	256QAM	12	13	19.15	19.29	19.17	20.50
5	256QAM	25	0	19.06	19.35	19.29	20.50

【LTE Band 7_Ant 6_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	22.06	22.07	22.04	23.00
20	QPSK	1	49	22.05	22.03	22.02	23.00
20	QPSK	1	99	22.05	22.03	22.02	23.00
20	QPSK	50	0	22.03	22.06	22.05	23.00
20	QPSK	50	24	22.02	22.03	22.04	23.00
20	QPSK	50	50	21.99	22.02	22.01	23.00
20	QPSK	100	0	21.97	21.99	21.96	23.00
20	16QAM	1	0	21.98	22.01	22.02	23.00
20	16QAM	1	49	21.98	22.07	22.00	23.00
20	16QAM	1	99	21.98	21.99	22.05	23.00
20	16QAM	50	0	22.04	22.00	22.07	23.00
20	16QAM	50	24	22.05	22.05	22.01	23.00
20	16QAM	50	50	22.05	22.08	21.99	23.00
20	16QAM	100	0	21.97	22.02	21.99	23.00
20	64QAM	1	0	22.06	22.05	21.97	23.00
20	64QAM	1	49	22.05	22.02	22.00	23.00
20	64QAM	1	99	22.06	21.98	22.06	23.00
20	64QAM	50	0	21.15	21.46	21.33	22.50
20	64QAM	50	24	21.12	21.42	21.28	22.50

20	64QAM	50	50	21.08	21.35	21.24	22.50
20	64QAM	100	0	21.27	21.47	21.33	22.50
20	256QAM	1	0	19.32	19.59	19.46	20.50
20	256QAM	1	49	19.37	19.56	19.39	20.50
20	256QAM	1	99	19.24	19.52	19.42	20.50
20	256QAM	50	0	19.19	19.45	19.32	20.50
20	256QAM	50	24	19.15	19.40	19.23	20.50
20	256QAM	50	50	19.22	19.43	19.22	20.50
20	256QAM	100	0	19.11	19.41	19.33	20.50
Channel				20825	21100	21375	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	QPSK	1	0	21.85	22.00	21.97	23.00
15	QPSK	1	37	21.94	21.88	21.93	23.00
15	QPSK	1	74	21.97	21.95	21.91	23.00
15	QPSK	36	0	21.89	21.98	21.94	23.00
15	QPSK	36	20	21.90	21.98	21.90	23.00
15	QPSK	36	39	21.91	21.99	21.92	23.00
15	QPSK	75	0	21.95	21.98	21.96	23.00
15	16QAM	1	0	21.91	21.99	22.00	23.00
15	16QAM	1	37	21.92	22.02	21.97	23.00
15	16QAM	1	74	21.83	21.92	21.95	23.00
15	16QAM	36	0	22.01	21.87	22.01	23.00
15	16QAM	36	20	22.00	21.96	21.96	23.00
15	16QAM	36	39	21.92	22.05	21.97	23.00
15	16QAM	75	0	21.87	21.99	21.84	23.00
15	64QAM	1	0	22.02	21.98	21.92	23.00
15	64QAM	1	37	22.03	21.95	21.94	23.00
15	64QAM	1	74	22.00	21.92	21.99	23.00
15	64QAM	36	0	21.04	21.36	21.21	22.50
15	64QAM	36	20	21.00	21.29	21.16	22.50
15	64QAM	36	39	21.03	21.23	21.16	22.50
15	64QAM	75	0	21.23	21.41	21.28	22.50
15	256QAM	1	0	19.20	19.50	19.41	20.50
15	256QAM	1	37	19.24	19.51	19.25	20.50
15	256QAM	1	74	19.17	19.47	19.38	20.50
15	256QAM	36	0	19.11	19.33	19.21	20.50
15	256QAM	36	20	19.08	19.38	19.12	20.50
15	256QAM	36	39	19.10	19.38	19.16	20.50
15	256QAM	75	0	19.01	19.40	19.21	20.50
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	21.91	21.91	21.98	23.00
10	QPSK	1	25	22.04	21.94	21.96	23.00
10	QPSK	1	49	22.01	21.99	21.95	23.00
10	QPSK	25	0	21.91	21.87	21.91	23.00
10	QPSK	25	12	21.91	21.99	21.94	23.00
10	QPSK	25	25	21.86	21.95	22.06	23.00
10	QPSK	50	0	21.92	22.04	21.93	23.00
10	16QAM	1	0	21.95	21.91	21.88	23.00
10	16QAM	1	25	21.97	21.95	21.97	23.00
10	16QAM	1	49	21.89	21.87	21.99	23.00
10	16QAM	25	0	21.92	21.93	21.96	23.00
10	16QAM	25	12	21.94	21.97	21.93	23.00
10	16QAM	25	25	21.98	22.06	21.86	23.00
10	16QAM	50	0	21.91	21.93	21.88	23.00
10	64QAM	1	0	21.91	21.92	21.90	23.00
10	64QAM	1	25	22.01	21.95	21.93	23.00
10	64QAM	1	49	21.95	21.85	21.91	23.00
10	64QAM	25	0	21.14	21.43	21.22	22.50
10	64QAM	25	12	21.01	21.31	21.19	22.50
10	64QAM	25	25	20.99	21.27	21.16	22.50
10	64QAM	50	0	21.25	21.37	21.29	22.50
10	256QAM	1	0	19.26	19.55	19.35	20.50
10	256QAM	1	25	19.25	19.50	19.26	20.50
10	256QAM	1	49	19.09	19.37	19.34	20.50
10	256QAM	25	0	19.15	19.33	19.23	20.50
10	256QAM	25	12	19.12	19.32	19.09	20.50
10	256QAM	25	25	19.21	19.39	19.16	20.50
10	256QAM	50	0	19.02	19.28	19.23	20.50
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	21.88	22.00	21.88	23.00
5	QPSK	1	12	22.03	21.97	22.00	23.00
5	QPSK	1	24	21.98	21.99	22.00	23.00
5	QPSK	12	0	21.97	21.96	21.89	23.00
5	QPSK	12	7	21.92	21.94	22.02	23.00
5	QPSK	12	13	21.97	22.04	22.01	23.00
5	QPSK	25	0	21.89	21.93	21.99	23.00

5	16QAM	1	0	21.87	21.91	22.01	23.00
5	16QAM	1	12	21.91	21.93	21.92	23.00
5	16QAM	1	24	21.95	21.89	21.96	23.00
5	16QAM	12	0	21.94	21.86	22.04	23.00
5	16QAM	12	7	21.98	21.90	21.99	23.00
5	16QAM	12	13	21.90	22.05	21.94	23.00
5	16QAM	25	0	21.87	21.96	21.85	23.00
5	64QAM	1	0	21.92	21.94	21.91	23.00
5	64QAM	1	12	22.01	21.90	21.91	23.00
5	64QAM	1	24	21.94	21.84	21.96	23.00
5	64QAM	12	0	21.10	21.40	21.29	22.50
5	64QAM	12	7	20.98	21.37	21.24	22.50
5	64QAM	12	13	20.96	21.21	21.10	22.50
5	64QAM	25	0	21.22	21.39	21.27	22.50
5	256QAM	1	0	19.25	19.45	19.37	20.50
5	256QAM	1	12	19.35	19.46	19.27	20.50
5	256QAM	1	24	19.15	19.44	19.36	20.50
5	256QAM	12	0	19.12	19.34	19.18	20.50
5	256QAM	12	7	19.13	19.32	19.20	20.50
5	256QAM	12	13	19.15	19.29	19.17	20.50
5	256QAM	25	0	19.06	19.35	19.29	20.50

【LTE Band 7_Ant 6_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	24.32	24.52	24.43	25.50
20	QPSK	1	49	24.17	24.47	24.36	25.50
20	QPSK	1	99	24.16	24.48	24.28	25.50
20	QPSK	50	0	23.26	23.53	23.32	24.50
20	QPSK	50	24	23.18	23.47	23.24	24.50
20	QPSK	50	50	23.13	23.46	23.27	24.50
20	QPSK	100	0	23.15	23.45	23.33	24.50
20	16QAM	1	0	23.61	23.95	23.79	24.50
20	16QAM	1	49	23.58	23.91	23.79	24.50
20	16QAM	1	99	23.58	23.84	23.61	24.50
20	16QAM	50	0	22.15	22.48	22.39	23.50
20	16QAM	50	24	22.12	22.40	22.22	23.50
20	16QAM	50	50	22.13	22.38	22.23	23.50
20	16QAM	100	0	22.27	22.49	22.34	23.50
20	64QAM	1	0	22.25	22.56	22.45	23.50
20	64QAM	1	49	22.31	22.55	22.34	23.50
20	64QAM	1	99	22.23	22.50	22.40	23.50
20	64QAM	50	0	21.15	21.46	21.33	22.50
20	64QAM	50	24	21.12	21.42	21.28	22.50
20	64QAM	50	50	21.08	21.35	21.24	22.50
20	64QAM	100	0	21.27	21.47	21.33	22.50
20	256QAM	1	0	19.32	19.59	19.46	20.50
20	256QAM	1	49	19.37	19.56	19.39	20.50
20	256QAM	1	99	19.24	19.52	19.42	20.50
20	256QAM	50	0	19.19	19.45	19.32	20.50
20	256QAM	50	24	19.15	19.40	19.23	20.50
20	256QAM	50	50	19.22	19.43	19.22	20.50
20	256QAM	100	0	19.11	19.41	19.33	20.50
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	24.19	24.39	24.39	25.50
15	QPSK	1	37	24.05	24.34	24.22	25.50
15	QPSK	1	74	24.01	24.40	24.22	25.50
15	QPSK	36	0	23.20	23.42	23.18	24.50
15	QPSK	36	20	23.15	23.37	23.18	24.50
15	QPSK	36	39	23.09	23.40	23.20	24.50
15	QPSK	75	0	23.08	23.36	23.19	24.50
15	16QAM	1	0	23.59	23.85	23.68	24.50
15	16QAM	1	37	23.43	23.79	23.77	24.50
15	16QAM	1	74	23.52	23.73	23.49	24.50
15	16QAM	36	0	22.12	22.45	22.30	23.50
15	16QAM	36	20	22.00	22.38	22.21	23.50
15	16QAM	36	39	22.01	22.26	22.15	23.50
15	16QAM	75	0	22.19	22.41	22.30	23.50
15	64QAM	1	0	22.12	22.50	22.38	23.50

15	64QAM	1	37	22.24	22.45	22.31	23.50
15	64QAM	1	74	22.16	22.47	22.25	23.50
15	64QAM	36	0	21.04	21.36	21.21	22.50
15	64QAM	36	20	21.00	21.29	21.16	22.50
15	64QAM	36	39	21.03	21.23	21.16	22.50
15	64QAM	75	0	21.23	21.41	21.28	22.50
15	256QAM	1	0	19.20	19.50	19.41	20.50
15	256QAM	1	37	19.24	19.51	19.25	20.50
15	256QAM	1	74	19.17	19.47	19.38	20.50
15	256QAM	36	0	19.11	19.33	19.21	20.50
15	256QAM	36	20	19.08	19.38	19.12	20.50
15	256QAM	36	39	19.10	19.38	19.16	20.50
15	256QAM	75	0	19.01	19.40	19.21	20.50
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	24.20	24.43	24.33	25.50
10	QPSK	1	25	24.09	24.43	24.25	25.50
10	QPSK	1	49	24.09	24.39	24.18	25.50
10	QPSK	25	0	23.16	23.39	23.28	24.50
10	QPSK	25	12	23.09	23.35	23.22	24.50
10	QPSK	25	25	22.99	23.33	23.21	24.50
10	QPSK	50	0	23.03	23.31	23.28	24.50
10	16QAM	1	0	23.57	23.86	23.69	24.50
10	16QAM	1	25	23.46	23.82	23.66	24.50
10	16QAM	1	49	23.47	23.74	23.54	24.50
10	16QAM	25	0	22.06	22.46	22.27	23.50
10	16QAM	25	12	21.98	22.26	22.19	23.50
10	16QAM	25	25	22.04	22.31	22.15	23.50
10	16QAM	50	0	22.12	22.37	22.29	23.50
10	64QAM	1	0	22.21	22.42	22.35	23.50
10	64QAM	1	25	22.20	22.40	22.31	23.50
10	64QAM	1	49	22.14	22.39	22.28	23.50
10	64QAM	25	0	21.14	21.43	21.22	22.50
10	64QAM	25	12	21.01	21.31	21.19	22.50
10	64QAM	25	25	20.99	21.27	21.16	22.50
10	64QAM	50	0	21.25	21.37	21.29	22.50
10	256QAM	1	0	19.26	19.55	19.35	20.50
10	256QAM	1	25	19.25	19.50	19.26	20.50
10	256QAM	1	49	19.09	19.37	19.34	20.50
10	256QAM	25	0	19.15	19.33	19.23	20.50
10	256QAM	25	12	19.12	19.32	19.09	20.50
10	256QAM	25	25	19.21	19.39	19.16	20.50
10	256QAM	50	0	19.02	19.28	19.23	20.50
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	24.25	24.46	24.41	25.50
5	QPSK	1	12	24.04	24.38	24.24	25.50
5	QPSK	1	24	24.08	24.42	24.13	25.50
5	QPSK	12	0	23.19	23.48	23.20	24.50
5	QPSK	12	7	23.11	23.38	23.14	24.50
5	QPSK	12	13	23.08	23.33	23.20	24.50
5	QPSK	25	0	23.09	23.31	23.21	24.50
5	16QAM	1	0	23.54	23.88	23.71	24.50
5	16QAM	1	12	23.50	23.78	23.74	24.50
5	16QAM	1	24	23.45	23.69	23.57	24.50
5	16QAM	12	0	22.06	22.43	22.36	23.50
5	16QAM	12	7	22.06	22.37	22.10	23.50
5	16QAM	12	13	22.02	22.36	22.21	23.50
5	16QAM	25	0	22.19	22.45	22.22	23.50
5	64QAM	1	0	22.12	22.47	22.40	23.50
5	64QAM	1	12	22.17	22.47	22.28	23.50
5	64QAM	1	24	22.21	22.39	22.32	23.50
5	64QAM	12	0	21.10	21.40	21.29	22.50
5	64QAM	12	7	20.98	21.37	21.24	22.50
5	64QAM	12	13	20.96	21.21	21.10	22.50
5	64QAM	25	0	21.22	21.39	21.27	22.50
5	256QAM	1	0	19.25	19.45	19.37	20.50
5	256QAM	1	12	19.35	19.46	19.27	20.50
5	256QAM	1	24	19.15	19.44	19.36	20.50
5	256QAM	12	0	19.12	19.34	19.18	20.50
5	256QAM	12	7	19.13	19.32	19.20	20.50
5	256QAM	12	13	19.15	19.29	19.17	20.50
5	256QAM	25	0	19.06	19.35	19.29	20.50

【LTE Band 7_Ant 6_DSI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	22.06	22.07	22.04	23.00
20	QPSK	1	49	22.05	22.03	22.02	23.00
20	QPSK	1	99	22.05	22.03	22.02	23.00
20	QPSK	50	0	22.03	22.06	22.05	23.00
20	QPSK	50	24	22.02	22.03	22.04	23.00
20	QPSK	50	50	21.99	22.02	22.01	23.00
20	QPSK	100	0	21.97	21.99	21.96	23.00
20	16QAM	1	0	21.98	22.01	22.02	23.00
20	16QAM	1	49	21.98	22.07	22.00	23.00
20	16QAM	1	99	21.98	21.99	22.05	23.00
20	16QAM	50	0	22.04	22.00	22.07	23.00
20	16QAM	50	24	22.05	22.05	22.01	23.00
20	16QAM	50	50	22.05	22.08	21.99	23.00
20	16QAM	100	0	21.97	22.02	21.99	23.00
20	64QAM	1	0	22.06	22.05	21.97	23.00
20	64QAM	1	49	22.05	22.02	22.00	23.00
20	64QAM	1	99	22.06	21.98	22.06	23.00
20	64QAM	50	0	21.15	21.46	21.33	22.50
20	64QAM	50	24	21.12	21.42	21.28	22.50
20	64QAM	50	50	21.08	21.35	21.24	22.50
20	64QAM	100	0	21.27	21.47	21.33	22.50
20	256QAM	1	0	19.32	19.59	19.46	20.50
20	256QAM	1	49	19.37	19.56	19.39	20.50
20	256QAM	1	99	19.24	19.52	19.42	20.50
20	256QAM	50	0	19.19	19.45	19.32	20.50
20	256QAM	50	24	19.15	19.40	19.23	20.50
20	256QAM	50	50	19.22	19.43	19.22	20.50
20	256QAM	100	0	19.11	19.41	19.33	20.50
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	21.85	22.00	21.97	23.00
15	QPSK	1	37	21.94	21.88	21.93	23.00
15	QPSK	1	74	21.97	21.95	21.91	23.00
15	QPSK	36	0	21.89	21.98	21.94	23.00
15	QPSK	36	20	21.90	21.98	21.90	23.00
15	QPSK	36	39	21.91	21.99	21.92	23.00
15	QPSK	75	0	21.95	21.98	21.96	23.00
15	16QAM	1	0	21.91	21.99	22.00	23.00
15	16QAM	1	37	21.92	22.02	21.97	23.00
15	16QAM	1	74	21.83	21.92	21.95	23.00
15	16QAM	36	0	22.01	21.87	22.01	23.00
15	16QAM	36	20	22.00	21.96	21.96	23.00
15	16QAM	36	39	21.92	22.05	21.97	23.00
15	16QAM	75	0	21.87	21.99	21.84	23.00
15	64QAM	1	0	22.02	21.98	21.92	23.00
15	64QAM	1	37	22.03	21.95	21.94	23.00
15	64QAM	1	74	22.00	21.92	21.99	23.00
15	64QAM	36	0	21.04	21.36	21.21	22.50
15	64QAM	36	20	21.00	21.29	21.16	22.50
15	64QAM	36	39	21.03	21.23	21.16	22.50
15	64QAM	75	0	21.23	21.41	21.28	22.50
15	256QAM	1	0	19.20	19.50	19.41	20.50
15	256QAM	1	37	19.24	19.51	19.25	20.50
15	256QAM	1	74	19.17	19.47	19.38	20.50
15	256QAM	36	0	19.11	19.33	19.21	20.50
15	256QAM	36	20	19.08	19.38	19.12	20.50
15	256QAM	36	39	19.10	19.38	19.16	20.50
15	256QAM	75	0	19.01	19.40	19.21	20.50
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	21.91	21.91	21.98	23.00
10	QPSK	1	25	22.04	21.94	21.96	23.00
10	QPSK	1	49	22.01	21.99	21.95	23.00
10	QPSK	25	0	21.91	21.87	21.91	23.00
10	QPSK	25	12	21.91	21.99	21.94	23.00
10	QPSK	25	25	21.86	21.95	22.06	23.00
10	QPSK	50	0	21.92	22.04	21.93	23.00
10	16QAM	1	0	21.95	21.91	21.88	23.00
10	16QAM	1	25	21.97	21.95	21.97	23.00
10	16QAM	1	49	21.89	21.87	21.99	23.00
10	16QAM	25	0	21.92	21.93	21.96	23.00

10	16QAM	25	12	21.94	21.97	21.93	23.00
10	16QAM	25	25	21.98	22.06	21.86	23.00
10	16QAM	50	0	21.91	21.93	21.88	23.00
10	64QAM	1	0	21.91	21.92	21.90	23.00
10	64QAM	1	25	22.01	21.95	21.93	23.00
10	64QAM	1	49	21.95	21.85	21.91	23.00
10	64QAM	25	0	21.14	21.43	21.22	22.50
10	64QAM	25	12	21.01	21.31	21.19	22.50
10	64QAM	25	25	20.99	21.27	21.16	22.50
10	64QAM	50	0	21.25	21.37	21.29	22.50
10	256QAM	1	0	19.26	19.55	19.35	20.50
10	256QAM	1	25	19.25	19.50	19.26	20.50
10	256QAM	1	49	19.09	19.37	19.34	20.50
10	256QAM	25	0	19.15	19.33	19.23	20.50
10	256QAM	25	12	19.12	19.32	19.09	20.50
10	256QAM	25	25	19.21	19.39	19.16	20.50
10	256QAM	50	0	19.02	19.28	19.23	20.50
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	21.88	22.00	21.88	23.00
5	QPSK	1	12	22.03	21.97	22.00	23.00
5	QPSK	1	24	21.98	21.99	22.00	23.00
5	QPSK	12	0	21.97	21.96	21.89	23.00
5	QPSK	12	7	21.92	21.94	22.02	23.00
5	QPSK	12	13	21.97	22.04	22.01	23.00
5	QPSK	25	0	21.89	21.93	21.99	23.00
5	16QAM	1	0	21.87	21.91	22.01	23.00
5	16QAM	1	12	21.91	21.93	21.92	23.00
5	16QAM	1	24	21.95	21.89	21.96	23.00
5	16QAM	12	0	21.94	21.86	22.04	23.00
5	16QAM	12	7	21.98	21.90	21.99	23.00
5	16QAM	12	13	21.90	22.05	21.94	23.00
5	16QAM	25	0	21.87	21.96	21.85	23.00
5	64QAM	1	0	21.92	21.94	21.91	23.00
5	64QAM	1	12	22.01	21.90	21.91	23.00
5	64QAM	1	24	21.94	21.84	21.96	23.00
5	64QAM	12	0	21.10	21.40	21.29	22.50
5	64QAM	12	7	20.98	21.37	21.24	22.50
5	64QAM	12	13	20.96	21.21	21.10	22.50
5	64QAM	25	0	21.22	21.39	21.27	22.50
5	256QAM	1	0	19.25	19.45	19.37	20.50
5	256QAM	1	12	19.35	19.46	19.27	20.50
5	256QAM	1	24	19.15	19.44	19.36	20.50
5	256QAM	12	0	19.12	19.34	19.18	20.50
5	256QAM	12	7	19.13	19.32	19.20	20.50
5	256QAM	12	13	19.15	19.29	19.17	20.50
5	256QAM	25	0	19.06	19.35	19.29	20.50

【LTE Band 7_Ant 7_default】

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	21.48	22.57	22.56	23.90
20	QPSK	1	49	21.35	22.48	22.40	23.90
20	QPSK	1	99	21.39	22.55	22.44	23.90
20	QPSK	50	0	20.35	21.46	21.34	22.90
20	QPSK	50	24	20.31	21.44	21.35	22.90
20	QPSK	50	50	20.26	21.43	21.29	22.90
20	QPSK	100	0	20.45	21.50	21.36	22.90
20	16QAM	1	0	20.50	21.59	21.48	22.90
20	16QAM	1	49	20.44	21.51	21.44	22.90
20	16QAM	1	99	20.47	21.52	21.37	22.90
20	16QAM	50	0	19.26	20.31	20.16	21.90
20	16QAM	50	24	19.30	20.29	20.24	21.90
20	16QAM	50	50	19.24	20.23	20.09	21.90
20	16QAM	100	0	19.32	20.35	20.33	21.90
20	64QAM	1	0	19.25	20.36	20.23	21.90
20	64QAM	1	49	19.18	20.28	20.17	21.90
20	64QAM	1	99	19.35	20.35	20.29	21.90
20	64QAM	50	0	18.27	19.30	19.17	20.90
20	64QAM	50	24	18.34	19.28	19.18	20.90

20	64QAM	50	50	18.27	19.22	19.09	20.90
20	64QAM	100	0	18.24	19.31	19.20	20.90
20	256QAM	1	0	16.43	17.42	17.33	18.90
20	256QAM	1	49	16.55	17.41	17.29	18.90
20	256QAM	1	99	16.35	17.31	17.23	18.90
20	256QAM	50	0	16.37	17.23	17.08	18.90
20	256QAM	50	24	16.32	17.20	17.09	18.90
20	256QAM	50	50	16.26	17.14	17.03	18.90
20	256QAM	100	0	16.25	17.17	17.09	18.90
Channel				20825	21100	21375	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	QPSK	1	0	21.38	22.51	22.41	23.90
15	QPSK	1	37	21.30	22.42	22.37	23.90
15	QPSK	1	74	21.26	22.44	22.38	23.90
15	QPSK	36	0	20.26	21.43	21.25	22.90
15	QPSK	36	20	20.30	21.39	21.26	22.90
15	QPSK	36	39	20.17	21.30	21.22	22.90
15	QPSK	75	0	20.36	21.39	21.24	22.90
15	16QAM	1	0	20.49	21.54	21.33	22.90
15	16QAM	1	37	20.35	21.44	21.38	22.90
15	16QAM	1	74	20.39	21.40	21.31	22.90
15	16QAM	36	0	19.24	20.22	20.12	21.90
15	16QAM	36	20	19.27	20.26	20.21	21.90
15	16QAM	36	39	19.22	20.20	20.05	21.90
15	16QAM	75	0	19.18	20.24	20.24	21.90
15	64QAM	1	0	19.23	20.25	20.08	21.90
15	64QAM	1	37	19.10	20.18	20.04	21.90
15	64QAM	1	74	19.27	20.20	20.21	21.90
15	64QAM	36	0	18.19	19.17	19.16	20.90
15	64QAM	36	20	18.20	19.27	19.04	20.90
15	64QAM	36	39	18.20	19.09	19.06	20.90
15	64QAM	75	0	18.14	19.30	19.10	20.90
15	256QAM	1	0	16.32	17.33	17.32	18.90
15	256QAM	1	37	16.46	17.39	17.18	18.90
15	256QAM	1	74	16.21	17.23	17.16	18.90
15	256QAM	36	0	16.28	17.15	16.99	18.90
15	256QAM	36	20	16.30	17.09	16.95	18.90
15	256QAM	36	39	16.13	17.12	16.98	18.90
15	256QAM	75	0	16.11	17.10	17.04	18.90
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	21.39	22.49	22.50	23.90
10	QPSK	1	25	21.24	22.38	22.31	23.90
10	QPSK	1	49	21.30	22.46	22.38	23.90
10	QPSK	25	0	20.22	21.39	21.28	22.90
10	QPSK	25	12	20.18	21.33	21.24	22.90
10	QPSK	25	25	20.19	21.32	21.24	22.90
10	QPSK	50	0	20.34	21.48	21.23	22.90
10	16QAM	1	0	20.43	21.53	21.46	22.90
10	16QAM	1	25	20.37	21.46	21.41	22.90
10	16QAM	1	49	20.41	21.44	21.24	22.90
10	16QAM	25	0	19.20	20.21	20.06	21.90
10	16QAM	25	12	19.28	20.15	20.18	21.90
10	16QAM	25	25	19.10	20.15	20.07	21.90
10	16QAM	50	0	19.18	20.27	20.27	21.90
10	64QAM	1	0	19.13	20.31	20.14	21.90
10	64QAM	1	25	19.14	20.19	20.13	21.90
10	64QAM	1	49	19.27	20.31	20.16	21.90
10	64QAM	25	0	18.22	19.27	19.04	20.90
10	64QAM	25	12	18.19	19.24	19.05	20.90
10	64QAM	25	25	18.23	19.08	19.06	20.90
10	64QAM	50	0	18.16	19.20	19.08	20.90
10	256QAM	1	0	16.33	17.40	17.24	18.90
10	256QAM	1	25	16.49	17.29	17.15	18.90
10	256QAM	1	49	16.29	17.19	17.08	18.90
10	256QAM	25	0	16.29	17.11	16.96	18.90
10	256QAM	25	12	16.25	17.05	16.95	18.90
10	256QAM	25	25	16.23	17.12	16.92	18.90
10	256QAM	50	0	16.19	17.09	16.97	18.90
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	21.46	22.43	22.51	23.90
5	QPSK	1	12	21.21	22.38	22.31	23.90
5	QPSK	1	24	21.26	22.41	22.42	23.90
5	QPSK	12	0	20.25	21.35	21.32	22.90
5	QPSK	12	7	20.21	21.31	21.34	22.90
5	QPSK	12	13	20.13	21.35	21.21	22.90
5	QPSK	25	0	20.30	21.44	21.21	22.90

5	16QAM	1	0	20.45	21.54	21.46	22.90
5	16QAM	1	12	20.41	21.36	21.41	22.90
5	16QAM	1	24	20.41	21.49	21.31	22.90
5	16QAM	12	0	19.11	20.26	20.07	21.90
5	16QAM	12	7	19.15	20.27	20.10	21.90
5	16QAM	12	13	19.17	20.22	20.07	21.90
5	16QAM	25	0	19.21	20.22	20.31	21.90
5	64QAM	1	0	19.13	20.32	20.15	21.90
5	64QAM	1	12	19.12	20.25	20.03	21.90
5	64QAM	1	24	19.32	20.33	20.16	21.90
5	64QAM	12	0	18.14	19.22	19.13	20.90
5	64QAM	12	7	18.30	19.22	19.10	20.90
5	64QAM	12	13	18.12	19.20	19.02	20.90
5	64QAM	25	0	18.13	19.23	19.07	20.90
5	256QAM	1	0	16.35	17.33	17.27	18.90
5	256QAM	1	12	16.51	17.30	17.27	18.90
5	256QAM	1	24	16.26	17.16	17.15	18.90
5	256QAM	12	0	16.32	17.19	17.03	18.90
5	256QAM	12	7	16.21	17.10	17.07	18.90
5	256QAM	12	13	16.19	17.13	17.00	18.90
5	256QAM	25	0	16.21	17.05	17.03	18.90

【LTE Band 7_Ant 7_DSI 1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	17.02	18.05	18.01	19.40
20	QPSK	1	49	16.87	17.97	17.82	19.40
20	QPSK	1	99	16.83	17.95	17.79	19.40
20	QPSK	50	0	16.96	18.03	17.98	19.40
20	QPSK	50	24	16.94	18.01	17.95	19.40
20	QPSK	50	50	16.84	17.97	17.79	19.40
20	QPSK	100	0	16.86	17.98	17.84	19.40
20	16QAM	1	0	16.89	18.00	17.83	19.40
20	16QAM	1	49	16.85	17.98	17.89	19.40
20	16QAM	1	99	16.79	17.95	17.87	19.40
20	16QAM	50	0	16.87	17.95	17.83	19.40
20	16QAM	50	24	16.89	17.99	17.86	19.40
20	16QAM	50	50	16.90	18.03	17.90	19.40
20	16QAM	100	0	16.92	17.99	17.89	19.40
20	64QAM	1	0	16.87	17.94	17.75	19.40
20	64QAM	1	49	16.82	17.96	17.79	19.40
20	64QAM	1	99	16.92	17.96	17.87	19.40
20	64QAM	50	0	16.88	17.95	17.77	19.40
20	64QAM	50	24	16.80	17.94	17.77	19.40
20	64QAM	50	50	16.91	17.98	17.87	19.40
20	64QAM	100	0	16.85	18.02	17.94	19.40
20	256QAM	1	0	16.43	17.42	17.33	18.90
20	256QAM	1	49	16.55	17.41	17.29	18.90
20	256QAM	1	99	16.35	17.31	17.23	18.90
20	256QAM	50	0	16.37	17.23	17.08	18.90
20	256QAM	50	24	16.32	17.20	17.09	18.90
20	256QAM	50	50	16.26	17.14	17.03	18.90
20	256QAM	100	0	16.25	17.17	17.09	18.90
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	16.98	17.99	17.90	19.40
15	QPSK	1	37	16.78	17.95	17.72	19.40
15	QPSK	1	74	16.79	17.92	17.75	19.40
15	QPSK	36	0	16.83	17.94	17.73	19.40
15	QPSK	36	20	16.83	17.94	17.84	19.40
15	QPSK	36	39	16.75	17.94	17.76	19.40
15	QPSK	75	0	16.73	17.94	17.72	19.40
15	16QAM	1	0	16.87	17.89	17.79	19.40
15	16QAM	1	37	16.71	17.89	17.87	19.40
15	16QAM	1	74	16.71	17.89	17.83	19.40
15	16QAM	36	0	16.83	17.86	17.81	19.40
15	16QAM	36	20	16.81	17.95	17.84	19.40
15	16QAM	36	39	16.83	17.89	17.86	19.40
15	16QAM	75	0	16.80	17.95	17.83	19.40
15	64QAM	1	0	16.80	17.88	17.66	19.40

15	64QAM	1	37	16.78	17.84	17.71	19.40
15	64QAM	1	74	16.86	17.95	17.77	19.40
15	64QAM	36	0	16.81	17.84	17.70	19.40
15	64QAM	36	20	16.71	17.92	17.72	19.40
15	64QAM	36	39	16.88	17.85	17.78	19.40
15	64QAM	75	0	16.79	17.98	17.92	19.40
15	256QAM	1	0	16.33	17.33	17.32	18.90
15	256QAM	1	37	16.47	17.27	17.21	18.90
15	256QAM	1	74	16.28	17.25	17.14	18.90
15	256QAM	36	0	16.26	17.20	17.01	18.90
15	256QAM	36	20	16.23	17.06	16.97	18.90
15	256QAM	36	39	16.14	17.04	16.91	18.90
15	256QAM	75	0	16.18	17.08	17.01	18.90
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	16.94	18.01	17.93	19.40
10	QPSK	1	25	16.75	17.86	17.78	19.40
10	QPSK	1	49	16.81	17.92	17.67	19.40
10	QPSK	25	0	16.94	17.91	17.81	19.40
10	QPSK	25	12	16.91	17.87	17.85	19.40
10	QPSK	25	25	16.81	17.93	17.70	19.40
10	QPSK	50	0	16.80	17.96	17.73	19.40
10	16QAM	1	0	16.78	17.95	17.76	19.40
10	16QAM	1	25	16.79	17.92	17.84	19.40
10	16QAM	1	49	16.73	17.83	17.84	19.40
10	16QAM	25	0	16.74	17.83	17.81	19.40
10	16QAM	25	12	16.74	17.90	17.80	19.40
10	16QAM	25	25	16.89	17.91	17.77	19.40
10	16QAM	50	0	16.90	17.93	17.77	19.40
10	64QAM	1	0	16.85	17.90	17.61	19.40
10	64QAM	1	25	16.77	17.92	17.69	19.40
10	64QAM	1	49	16.81	17.92	17.84	19.40
10	64QAM	25	0	16.84	17.89	17.62	19.40
10	64QAM	25	12	16.69	17.88	17.71	19.40
10	64QAM	25	25	16.80	17.89	17.83	19.40
10	64QAM	50	0	16.84	18.00	17.92	19.40
10	256QAM	1	0	16.32	17.34	17.18	18.90
10	256QAM	1	25	16.44	17.31	17.16	18.90
10	256QAM	1	49	16.28	17.17	17.09	18.90
10	256QAM	25	0	16.29	17.15	17.01	18.90
10	256QAM	25	12	16.24	17.14	16.94	18.90
10	256QAM	25	25	16.14	17.12	17.00	18.90
10	256QAM	50	0	16.15	17.12	17.00	18.90
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	17.00	17.93	17.97	19.40
5	QPSK	1	12	16.77	17.83	17.80	19.40
5	QPSK	1	24	16.75	17.81	17.68	19.40
5	QPSK	12	0	16.95	17.88	17.71	19.40
5	QPSK	12	7	16.93	17.97	17.87	19.40
5	QPSK	12	13	16.82	17.93	17.77	19.40
5	QPSK	25	0	16.77	17.92	17.80	19.40
5	16QAM	1	0	16.87	17.92	17.77	19.40
5	16QAM	1	12	16.77	17.96	17.77	19.40
5	16QAM	1	24	16.70	17.92	17.82	19.40
5	16QAM	12	0	16.84	17.91	17.72	19.40
5	16QAM	12	7	16.82	17.96	17.85	19.40
5	16QAM	12	13	16.83	17.99	17.81	19.40
5	16QAM	25	0	16.84	17.91	17.78	19.40
5	64QAM	1	0	16.75	17.80	17.70	19.40
5	64QAM	1	12	16.72	17.84	17.71	19.40
5	64QAM	1	24	16.87	17.89	17.82	19.40
5	64QAM	12	0	16.80	17.83	17.70	19.40
5	64QAM	12	7	16.65	17.83	17.63	19.40
5	64QAM	12	13	16.85	17.84	17.84	19.40
5	64QAM	25	0	16.76	17.94	17.92	19.40
5	256QAM	1	0	16.36	17.31	17.29	18.90
5	256QAM	1	12	16.41	17.30	17.23	18.90
5	256QAM	1	24	16.30	17.21	17.09	18.90
5	256QAM	12	0	16.35	17.08	17.05	18.90
5	256QAM	12	7	16.18	17.14	17.05	18.90
5	256QAM	12	13	16.22	17.12	17.00	18.90
5	256QAM	25	0	16.12	17.07	16.97	18.90

【LTE Band 7_Ant 7_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	17.02	18.05	18.01	19.40
20	QPSK	1	49	16.87	17.97	17.82	19.40
20	QPSK	1	99	16.83	17.95	17.79	19.40
20	QPSK	50	0	16.96	18.03	17.98	19.40
20	QPSK	50	24	16.94	18.01	17.95	19.40
20	QPSK	50	50	16.84	17.97	17.79	19.40
20	QPSK	100	0	16.86	17.98	17.84	19.40
20	16QAM	1	0	16.89	18.00	17.83	19.40
20	16QAM	1	49	16.85	17.98	17.89	19.40
20	16QAM	1	99	16.79	17.95	17.87	19.40
20	16QAM	50	0	16.87	17.95	17.83	19.40
20	16QAM	50	24	16.89	17.99	17.86	19.40
20	16QAM	50	50	16.90	18.03	17.90	19.40
20	16QAM	100	0	16.92	17.99	17.89	19.40
20	64QAM	1	0	16.87	17.94	17.75	19.40
20	64QAM	1	49	16.82	17.96	17.79	19.40
20	64QAM	1	99	16.92	17.96	17.87	19.40
20	64QAM	50	0	16.88	17.95	17.77	19.40
20	64QAM	50	24	16.80	17.94	17.77	19.40
20	64QAM	50	50	16.91	17.98	17.87	19.40
20	64QAM	100	0	16.85	18.02	17.94	19.40
20	256QAM	1	0	16.43	17.42	17.33	18.90
20	256QAM	1	49	16.55	17.41	17.29	18.90
20	256QAM	1	99	16.35	17.31	17.23	18.90
20	256QAM	50	0	16.37	17.23	17.08	18.90
20	256QAM	50	24	16.32	17.20	17.09	18.90
20	256QAM	50	50	16.26	17.14	17.03	18.90
20	256QAM	100	0	16.25	17.17	17.09	18.90
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	16.98	17.99	17.90	19.40
15	QPSK	1	37	16.78	17.95	17.72	19.40
15	QPSK	1	74	16.79	17.92	17.75	19.40
15	QPSK	36	0	16.83	17.94	17.73	19.40
15	QPSK	36	20	16.83	17.94	17.84	19.40
15	QPSK	36	39	16.75	17.94	17.76	19.40
15	QPSK	75	0	16.73	17.94	17.72	19.40
15	16QAM	1	0	16.87	17.89	17.79	19.40
15	16QAM	1	37	16.71	17.89	17.87	19.40
15	16QAM	1	74	16.71	17.89	17.83	19.40
15	16QAM	36	0	16.83	17.86	17.81	19.40
15	16QAM	36	20	16.81	17.95	17.84	19.40
15	16QAM	36	39	16.83	17.89	17.86	19.40
15	16QAM	75	0	16.80	17.95	17.83	19.40
15	64QAM	1	0	16.80	17.88	17.66	19.40
15	64QAM	1	37	16.78	17.84	17.71	19.40
15	64QAM	1	74	16.86	17.95	17.77	19.40
15	64QAM	36	0	16.81	17.84	17.70	19.40
15	64QAM	36	20	16.71	17.92	17.72	19.40
15	64QAM	36	39	16.88	17.85	17.78	19.40
15	64QAM	75	0	16.79	17.98	17.92	19.40
15	256QAM	1	0	16.33	17.33	17.32	18.90
15	256QAM	1	37	16.47	17.27	17.21	18.90
15	256QAM	1	74	16.28	17.25	17.14	18.90
15	256QAM	36	0	16.26	17.20	17.01	18.90
15	256QAM	36	20	16.23	17.06	16.97	18.90
15	256QAM	36	39	16.14	17.04	16.91	18.90
15	256QAM	75	0	16.18	17.08	17.01	18.90
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	16.94	18.01	17.93	19.40
10	QPSK	1	25	16.75	17.86	17.78	19.40
10	QPSK	1	49	16.81	17.92	17.67	19.40
10	QPSK	25	0	16.94	17.91	17.81	19.40
10	QPSK	25	12	16.91	17.87	17.85	19.40
10	QPSK	25	25	16.81	17.93	17.70	19.40
10	QPSK	50	0	16.80	17.96	17.73	19.40
10	16QAM	1	0	16.78	17.95	17.76	19.40
10	16QAM	1	25	16.79	17.92	17.84	19.40
10	16QAM	1	49	16.73	17.83	17.84	19.40
10	16QAM	25	0	16.74	17.83	17.81	19.40

10	16QAM	25	12	16.74	17.90	17.80	19.40
10	16QAM	25	25	16.89	17.91	17.77	19.40
10	16QAM	50	0	16.90	17.93	17.77	19.40
10	64QAM	1	0	16.85	17.90	17.61	19.40
10	64QAM	1	25	16.77	17.92	17.69	19.40
10	64QAM	1	49	16.81	17.92	17.84	19.40
10	64QAM	25	0	16.84	17.89	17.62	19.40
10	64QAM	25	12	16.69	17.88	17.71	19.40
10	64QAM	25	25	16.80	17.89	17.83	19.40
10	64QAM	50	0	16.84	18.00	17.92	19.40
10	256QAM	1	0	16.32	17.34	17.18	18.90
10	256QAM	1	25	16.44	17.31	17.16	18.90
10	256QAM	1	49	16.28	17.17	17.09	18.90
10	256QAM	25	0	16.29	17.15	17.01	18.90
10	256QAM	25	12	16.24	17.14	16.94	18.90
10	256QAM	25	25	16.14	17.12	17.00	18.90
10	256QAM	50	0	16.15	17.12	17.00	18.90
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	17.00	17.93	17.97	19.40
5	QPSK	1	12	16.77	17.83	17.80	19.40
5	QPSK	1	24	16.75	17.81	17.68	19.40
5	QPSK	12	0	16.95	17.88	17.71	19.40
5	QPSK	12	7	16.93	17.97	17.87	19.40
5	QPSK	12	13	16.82	17.93	17.77	19.40
5	QPSK	25	0	16.77	17.92	17.80	19.40
5	16QAM	1	0	16.87	17.92	17.77	19.40
5	16QAM	1	12	16.77	17.96	17.77	19.40
5	16QAM	1	24	16.70	17.92	17.82	19.40
5	16QAM	12	0	16.84	17.91	17.72	19.40
5	16QAM	12	7	16.82	17.96	17.85	19.40
5	16QAM	12	13	16.83	17.99	17.81	19.40
5	16QAM	25	0	16.84	17.91	17.78	19.40
5	64QAM	1	0	16.75	17.80	17.70	19.40
5	64QAM	1	12	16.72	17.84	17.71	19.40
5	64QAM	1	24	16.87	17.89	17.82	19.40
5	64QAM	12	0	16.80	17.83	17.70	19.40
5	64QAM	12	7	16.65	17.83	17.63	19.40
5	64QAM	12	13	16.85	17.84	17.84	19.40
5	64QAM	25	0	16.76	17.94	17.92	19.40
5	256QAM	1	0	16.36	17.31	17.29	18.90
5	256QAM	1	12	16.41	17.30	17.23	18.90
5	256QAM	1	24	16.30	17.21	17.09	18.90
5	256QAM	12	0	16.35	17.08	17.05	18.90
5	256QAM	12	7	16.18	17.14	17.05	18.90
5	256QAM	12	13	16.22	17.12	17.00	18.90
5	256QAM	25	0	16.12	17.07	16.97	18.90

【LTE Band 7_Ant 7_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	17.02	18.05	18.01	19.40
20	QPSK	1	49	16.87	17.97	17.82	19.40
20	QPSK	1	99	16.83	17.95	17.79	19.40
20	QPSK	50	0	16.96	18.03	17.98	19.40
20	QPSK	50	24	16.94	18.01	17.95	19.40
20	QPSK	50	50	16.84	17.97	17.79	19.40
20	QPSK	100	0	16.86	17.98	17.84	19.40
20	16QAM	1	0	16.89	18.00	17.83	19.40
20	16QAM	1	49	16.85	17.98	17.89	19.40
20	16QAM	1	99	16.79	17.95	17.87	19.40
20	16QAM	50	0	16.87	17.95	17.83	19.40
20	16QAM	50	24	16.89	17.99	17.86	19.40
20	16QAM	50	50	16.90	18.03	17.90	19.40
20	16QAM	100	0	16.92	17.99	17.89	19.40
20	64QAM	1	0	16.87	17.94	17.75	19.40
20	64QAM	1	49	16.82	17.96	17.79	19.40
20	64QAM	1	99	16.92	17.96	17.87	19.40
20	64QAM	50	0	16.88	17.95	17.77	19.40
20	64QAM	50	24	16.80	17.94	17.77	19.40

20	64QAM	50	50	16.91	17.98	17.87	19.40
20	64QAM	100	0	16.85	18.02	17.94	19.40
20	256QAM	1	0	16.43	17.42	17.33	18.90
20	256QAM	1	49	16.55	17.41	17.29	18.90
20	256QAM	1	99	16.35	17.31	17.23	18.90
20	256QAM	50	0	16.37	17.23	17.08	18.90
20	256QAM	50	24	16.32	17.20	17.09	18.90
20	256QAM	50	50	16.26	17.14	17.03	18.90
20	256QAM	100	0	16.25	17.17	17.09	18.90
Channel				20825	21100	21375	Tune-up limit
Frequency (MHz)				2507.5	2535	2562.5	(dBm)
15	QPSK	1	0	16.98	17.99	17.90	19.40
15	QPSK	1	37	16.78	17.95	17.72	19.40
15	QPSK	1	74	16.79	17.92	17.75	19.40
15	QPSK	36	0	16.83	17.94	17.73	19.40
15	QPSK	36	20	16.83	17.94	17.84	19.40
15	QPSK	36	39	16.75	17.94	17.76	19.40
15	QPSK	75	0	16.73	17.94	17.72	19.40
15	16QAM	1	0	16.87	17.89	17.79	19.40
15	16QAM	1	37	16.71	17.89	17.87	19.40
15	16QAM	1	74	16.71	17.89	17.83	19.40
15	16QAM	36	0	16.83	17.86	17.81	19.40
15	16QAM	36	20	16.81	17.95	17.84	19.40
15	16QAM	36	39	16.83	17.89	17.86	19.40
15	16QAM	75	0	16.80	17.95	17.83	19.40
15	64QAM	1	0	16.80	17.88	17.66	19.40
15	64QAM	1	37	16.78	17.84	17.71	19.40
15	64QAM	1	74	16.86	17.95	17.77	19.40
15	64QAM	36	0	16.81	17.84	17.70	19.40
15	64QAM	36	20	16.71	17.92	17.72	19.40
15	64QAM	36	39	16.88	17.85	17.78	19.40
15	64QAM	75	0	16.79	17.98	17.92	19.40
15	256QAM	1	0	16.33	17.33	17.32	18.90
15	256QAM	1	37	16.47	17.27	17.21	18.90
15	256QAM	1	74	16.28	17.25	17.14	18.90
15	256QAM	36	0	16.26	17.20	17.01	18.90
15	256QAM	36	20	16.23	17.06	16.97	18.90
15	256QAM	36	39	16.14	17.04	16.91	18.90
15	256QAM	75	0	16.18	17.08	17.01	18.90
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	16.94	18.01	17.93	19.40
10	QPSK	1	25	16.75	17.86	17.78	19.40
10	QPSK	1	49	16.81	17.92	17.67	19.40
10	QPSK	25	0	16.94	17.91	17.81	19.40
10	QPSK	25	12	16.91	17.87	17.85	19.40
10	QPSK	25	25	16.81	17.93	17.70	19.40
10	QPSK	50	0	16.80	17.96	17.73	19.40
10	16QAM	1	0	16.78	17.95	17.76	19.40
10	16QAM	1	25	16.79	17.92	17.84	19.40
10	16QAM	1	49	16.73	17.83	17.84	19.40
10	16QAM	25	0	16.74	17.83	17.81	19.40
10	16QAM	25	12	16.74	17.90	17.80	19.40
10	16QAM	25	25	16.89	17.91	17.77	19.40
10	16QAM	50	0	16.90	17.93	17.77	19.40
10	64QAM	1	0	16.85	17.90	17.61	19.40
10	64QAM	1	25	16.77	17.92	17.69	19.40
10	64QAM	1	49	16.81	17.92	17.84	19.40
10	64QAM	25	0	16.84	17.89	17.62	19.40
10	64QAM	25	12	16.69	17.88	17.71	19.40
10	64QAM	25	25	16.80	17.89	17.83	19.40
10	64QAM	50	0	16.84	18.00	17.92	19.40
10	256QAM	1	0	16.32	17.34	17.18	18.90
10	256QAM	1	25	16.44	17.31	17.16	18.90
10	256QAM	1	49	16.28	17.17	17.09	18.90
10	256QAM	25	0	16.29	17.15	17.01	18.90
10	256QAM	25	12	16.24	17.14	16.94	18.90
10	256QAM	25	25	16.14	17.12	17.00	18.90
10	256QAM	50	0	16.15	17.12	17.00	18.90
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	17.00	17.93	17.97	19.40
5	QPSK	1	12	16.77	17.83	17.80	19.40
5	QPSK	1	24	16.75	17.81	17.68	19.40
5	QPSK	12	0	16.95	17.88	17.71	19.40
5	QPSK	12	7	16.93	17.97	17.87	19.40
5	QPSK	12	13	16.82	17.93	17.77	19.40
5	QPSK	25	0	16.77	17.92	17.80	19.40

5	16QAM	1	0	16.87	17.92	17.77	19.40
5	16QAM	1	12	16.77	17.96	17.77	19.40
5	16QAM	1	24	16.70	17.92	17.82	19.40
5	16QAM	12	0	16.84	17.91	17.72	19.40
5	16QAM	12	7	16.82	17.96	17.85	19.40
5	16QAM	12	13	16.83	17.99	17.81	19.40
5	16QAM	25	0	16.84	17.91	17.78	19.40
5	64QAM	1	0	16.75	17.80	17.70	19.40
5	64QAM	1	12	16.72	17.84	17.71	19.40
5	64QAM	1	24	16.87	17.89	17.82	19.40
5	64QAM	12	0	16.80	17.83	17.70	19.40
5	64QAM	12	7	16.65	17.83	17.63	19.40
5	64QAM	12	13	16.85	17.84	17.84	19.40
5	64QAM	25	0	16.76	17.94	17.92	19.40
5	256QAM	1	0	16.36	17.31	17.29	18.90
5	256QAM	1	12	16.41	17.30	17.23	18.90
5	256QAM	1	24	16.30	17.21	17.09	18.90
5	256QAM	12	0	16.35	17.08	17.05	18.90
5	256QAM	12	7	16.18	17.14	17.05	18.90
5	256QAM	12	13	16.22	17.12	17.00	18.90
5	256QAM	25	0	16.12	17.07	16.97	18.90

【LTE Band 7_Ant 7_DSI 5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	17.02	18.05	18.01	19.40
20	QPSK	1	49	16.87	17.97	17.82	19.40
20	QPSK	1	99	16.83	17.95	17.79	19.40
20	QPSK	50	0	16.96	18.03	17.98	19.40
20	QPSK	50	24	16.94	18.01	17.95	19.40
20	QPSK	50	50	16.84	17.97	17.79	19.40
20	QPSK	100	0	16.86	17.98	17.84	19.40
20	16QAM	1	0	16.89	18.00	17.83	19.40
20	16QAM	1	49	16.85	17.98	17.89	19.40
20	16QAM	1	99	16.79	17.95	17.87	19.40
20	16QAM	50	0	16.87	17.95	17.83	19.40
20	16QAM	50	24	16.89	17.99	17.86	19.40
20	16QAM	50	50	16.90	18.03	17.90	19.40
20	16QAM	100	0	16.92	17.99	17.89	19.40
20	64QAM	1	0	16.87	17.94	17.75	19.40
20	64QAM	1	49	16.82	17.96	17.79	19.40
20	64QAM	1	99	16.92	17.96	17.87	19.40
20	64QAM	50	0	16.88	17.95	17.77	19.40
20	64QAM	50	24	16.80	17.94	17.77	19.40
20	64QAM	50	50	16.91	17.98	17.87	19.40
20	64QAM	100	0	16.85	18.02	17.94	19.40
20	256QAM	1	0	16.43	17.42	17.33	18.90
20	256QAM	1	49	16.55	17.41	17.29	18.90
20	256QAM	1	99	16.35	17.31	17.23	18.90
20	256QAM	50	0	16.37	17.23	17.08	18.90
20	256QAM	50	24	16.32	17.20	17.09	18.90
20	256QAM	50	50	16.26	17.14	17.03	18.90
20	256QAM	100	0	16.25	17.17	17.09	18.90
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	16.98	17.99	17.90	19.40
15	QPSK	1	37	16.78	17.95	17.72	19.40
15	QPSK	1	74	16.79	17.92	17.75	19.40
15	QPSK	36	0	16.83	17.94	17.73	19.40
15	QPSK	36	20	16.83	17.94	17.84	19.40
15	QPSK	36	39	16.75	17.94	17.76	19.40
15	QPSK	75	0	16.73	17.94	17.72	19.40
15	16QAM	1	0	16.87	17.89	17.79	19.40
15	16QAM	1	37	16.71	17.89	17.87	19.40
15	16QAM	1	74	16.71	17.89	17.83	19.40
15	16QAM	36	0	16.83	17.86	17.81	19.40
15	16QAM	36	20	16.81	17.95	17.84	19.40
15	16QAM	36	39	16.83	17.89	17.86	19.40
15	16QAM	75	0	16.80	17.95	17.83	19.40
15	64QAM	1	0	16.80	17.88	17.66	19.40

15	64QAM	1	37	16.78	17.84	17.71	19.40
15	64QAM	1	74	16.86	17.95	17.77	19.40
15	64QAM	36	0	16.81	17.84	17.70	19.40
15	64QAM	36	20	16.71	17.92	17.72	19.40
15	64QAM	36	39	16.88	17.85	17.78	19.40
15	64QAM	75	0	16.79	17.98	17.92	19.40
15	256QAM	1	0	16.33	17.33	17.32	18.90
15	256QAM	1	37	16.47	17.27	17.21	18.90
15	256QAM	1	74	16.28	17.25	17.14	18.90
15	256QAM	36	0	16.26	17.20	17.01	18.90
15	256QAM	36	20	16.23	17.06	16.97	18.90
15	256QAM	36	39	16.14	17.04	16.91	18.90
15	256QAM	75	0	16.18	17.08	17.01	18.90
Channel				20800	21100	21400	Tune-up limit
Frequency (MHz)				2505	2535	2565	(dBm)
10	QPSK	1	0	16.94	18.01	17.93	19.40
10	QPSK	1	25	16.75	17.86	17.78	19.40
10	QPSK	1	49	16.81	17.92	17.67	19.40
10	QPSK	25	0	16.94	17.91	17.81	19.40
10	QPSK	25	12	16.91	17.87	17.85	19.40
10	QPSK	25	25	16.81	17.93	17.70	19.40
10	QPSK	50	0	16.80	17.96	17.73	19.40
10	16QAM	1	0	16.78	17.95	17.76	19.40
10	16QAM	1	25	16.79	17.92	17.84	19.40
10	16QAM	1	49	16.73	17.83	17.84	19.40
10	16QAM	25	0	16.74	17.83	17.81	19.40
10	16QAM	25	12	16.74	17.90	17.80	19.40
10	16QAM	25	25	16.89	17.91	17.77	19.40
10	16QAM	50	0	16.90	17.93	17.77	19.40
10	64QAM	1	0	16.85	17.90	17.61	19.40
10	64QAM	1	25	16.77	17.92	17.69	19.40
10	64QAM	1	49	16.81	17.92	17.84	19.40
10	64QAM	25	0	16.84	17.89	17.62	19.40
10	64QAM	25	12	16.69	17.88	17.71	19.40
10	64QAM	25	25	16.80	17.89	17.83	19.40
10	64QAM	50	0	16.84	18.00	17.92	19.40
10	256QAM	1	0	16.32	17.34	17.18	18.90
10	256QAM	1	25	16.44	17.31	17.16	18.90
10	256QAM	1	49	16.28	17.17	17.09	18.90
10	256QAM	25	0	16.29	17.15	17.01	18.90
10	256QAM	25	12	16.24	17.14	16.94	18.90
10	256QAM	25	25	16.14	17.12	17.00	18.90
10	256QAM	50	0	16.15	17.12	17.00	18.90
Channel				20775	21100	21425	Tune-up limit
Frequency (MHz)				2502.5	2535	2567.5	(dBm)
5	QPSK	1	0	17.00	17.93	17.97	19.40
5	QPSK	1	12	16.77	17.83	17.80	19.40
5	QPSK	1	24	16.75	17.81	17.68	19.40
5	QPSK	12	0	16.95	17.88	17.71	19.40
5	QPSK	12	7	16.93	17.97	17.87	19.40
5	QPSK	12	13	16.82	17.93	17.77	19.40
5	QPSK	25	0	16.77	17.92	17.80	19.40
5	16QAM	1	0	16.87	17.92	17.77	19.40
5	16QAM	1	12	16.77	17.96	17.77	19.40
5	16QAM	1	24	16.70	17.92	17.82	19.40
5	16QAM	12	0	16.84	17.91	17.72	19.40
5	16QAM	12	7	16.82	17.96	17.85	19.40
5	16QAM	12	13	16.83	17.99	17.81	19.40
5	16QAM	25	0	16.84	17.91	17.78	19.40
5	64QAM	1	0	16.75	17.80	17.70	19.40
5	64QAM	1	12	16.72	17.84	17.71	19.40
5	64QAM	1	24	16.87	17.89	17.82	19.40
5	64QAM	12	0	16.80	17.83	17.70	19.40
5	64QAM	12	7	16.65	17.83	17.63	19.40
5	64QAM	12	13	16.85	17.84	17.84	19.40
5	64QAM	25	0	16.76	17.94	17.92	19.40
5	256QAM	1	0	16.36	17.31	17.29	18.90
5	256QAM	1	12	16.41	17.30	17.23	18.90
5	256QAM	1	24	16.30	17.21	17.09	18.90
5	256QAM	12	0	16.35	17.08	17.05	18.90
5	256QAM	12	7	16.18	17.14	17.05	18.90
5	256QAM	12	13	16.22	17.12	17.00	18.90
5	256QAM	25	0	16.12	17.07	16.97	18.90

【LTE Band 12_Ant 0_Default】

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	25.17	25.23	25.07	25.70
10	QPSK	1	25	25.06	25.21	25.03	25.70
10	QPSK	1	49	25.02	25.20	24.90	25.70
10	QPSK	25	0	23.94	24.03	23.84	24.70
10	QPSK	25	12	23.76	23.90	23.69	24.70
10	QPSK	25	25	23.84	23.97	23.72	24.70
10	QPSK	50	0	23.79	23.95	23.71	24.70
10	16QAM	1	0	23.76	23.96	23.74	24.70
10	16QAM	1	25	23.75	23.86	23.69	24.70
10	16QAM	1	49	23.74	23.92	23.74	24.70
10	16QAM	25	0	22.93	23.03	22.82	23.70
10	16QAM	25	12	22.91	22.99	22.70	23.70
10	16QAM	25	25	22.78	22.91	22.74	23.70
10	16QAM	50	0	22.80	22.99	22.82	23.70
10	64QAM	1	0	22.95	23.10	22.86	23.70
10	64QAM	1	25	22.80	22.97	22.77	23.70
10	64QAM	1	49	22.87	22.95	22.73	23.70
10	64QAM	25	0	21.84	21.98	21.73	22.70
10	64QAM	25	12	21.80	21.91	21.72	22.70
10	64QAM	25	25	21.79	21.97	21.71	22.70
10	64QAM	50	0	21.90	22.04	21.85	22.70
10	256QAM	1	0	19.84	20.02	19.87	20.70
10	256QAM	1	25	19.79	19.98	19.72	20.70
10	256QAM	1	49	19.78	19.95	19.74	20.70
10	256QAM	25	0	19.79	19.93	19.77	20.70
10	256QAM	25	12	19.79	19.87	19.72	20.70
10	256QAM	25	25	19.72	19.91	19.75	20.70
10	256QAM	50	0	19.93	19.99	19.81	20.70
Channel				23035	23095	23115	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	25.07	25.22	25.04	25.70
5	QPSK	1	12	24.91	25.13	24.96	25.70
5	QPSK	1	24	24.94	25.05	24.76	25.70
5	QPSK	12	0	23.82	23.98	23.80	24.70
5	QPSK	12	7	23.67	23.79	23.65	24.70
5	QPSK	12	13	23.78	23.95	23.61	24.70
5	QPSK	25	0	23.77	23.93	23.68	24.70
5	16QAM	1	0	23.73	23.88	23.63	24.70
5	16QAM	1	12	23.67	23.83	23.56	24.70
5	16QAM	1	24	23.60	23.90	23.67	24.70
5	16QAM	12	0	22.88	22.92	22.72	23.70
5	16QAM	12	7	22.81	22.91	22.57	23.70
5	16QAM	12	13	22.66	22.79	22.64	23.70
5	16QAM	25	0	22.70	22.84	22.74	23.70
5	64QAM	1	0	22.86	22.96	22.72	23.70
5	64QAM	1	12	22.65	22.88	22.72	23.70
5	64QAM	1	24	22.76	22.89	22.69	23.70
5	64QAM	12	0	21.74	21.87	21.69	22.70
5	64QAM	12	7	21.68	21.79	21.64	22.70
5	64QAM	12	13	21.70	21.83	21.68	22.70
5	64QAM	25	0	21.85	22.02	21.74	22.70
5	256QAM	1	0	19.75	19.90	19.84	20.70
5	256QAM	1	12	19.73	19.84	19.65	20.70
5	256QAM	1	24	19.68	19.86	19.71	20.70
5	256QAM	12	0	19.74	19.90	19.68	20.70
5	256QAM	12	7	19.76	19.78	19.70	20.70
5	256QAM	12	13	19.68	19.90	19.72	20.70
5	256QAM	25	0	19.84	19.84	19.80	20.70
Channel				23025	23095	23165	Tune-up limit (dBm)
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	25.12	25.09	25.00	25.70
3	QPSK	1	8	25.04	25.15	24.93	25.70
3	QPSK	1	14	24.91	25.12	24.85	25.70
3	QPSK	8	0	23.86	23.93	23.79	24.70
3	QPSK	8	4	23.71	23.88	23.63	24.70
3	QPSK	8	7	23.72	23.96	23.70	24.70
3	QPSK	15	0	23.71	23.88	23.60	24.70
3	16QAM	1	0	23.69	23.81	23.63	24.70
3	16QAM	1	8	23.65	23.74	23.55	24.70
3	16QAM	1	14	23.73	23.85	23.69	24.70
3	16QAM	8	0	22.90	22.89	22.77	23.70

3	16QAM	8	4	22.81	22.96	22.60	23.70
3	16QAM	8	7	22.67	22.82	22.63	23.70
3	16QAM	15	0	22.70	22.95	22.74	23.70
3	64QAM	1	0	22.90	23.07	22.80	23.70
3	64QAM	1	8	22.72	22.85	22.70	23.70
3	64QAM	1	14	22.78	22.81	22.62	23.70
3	64QAM	8	0	21.69	21.91	21.71	22.70
3	64QAM	8	4	21.67	21.83	21.63	22.70
3	64QAM	8	7	21.76	21.86	21.59	22.70
3	64QAM	15	0	21.78	21.91	21.77	22.70
3	256QAM	1	0	19.75	19.88	19.78	20.70
3	256QAM	1	8	19.77	19.96	19.67	20.70
3	256QAM	1	14	19.72	19.81	19.70	20.70
3	256QAM	8	0	19.67	19.83	19.74	20.70
3	256QAM	8	4	19.66	19.72	19.66	20.70
3	256QAM	8	7	19.59	19.84	19.61	20.70
3	256QAM	15	0	19.84	19.95	19.70	20.70
Channel				23017	23095	23173	Tune-up limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	25.06	25.17	24.99	25.70
1.4	QPSK	1	3	24.95	25.17	25.01	25.70
1.4	QPSK	1	5	24.88	25.19	24.85	25.70
1.4	QPSK	3	0	24.85	24.94	24.81	25.70
1.4	QPSK	3	1	24.65	24.78	24.57	25.70
1.4	QPSK	3	3	24.80	24.93	24.61	25.70
1.4	QPSK	6	0	23.67	23.84	23.67	24.70
1.4	16QAM	1	0	23.71	23.86	23.63	24.70
1.4	16QAM	1	3	23.72	23.76	23.66	24.70
1.4	16QAM	1	5	23.67	23.84	23.60	24.70
1.4	16QAM	3	0	23.91	23.96	23.76	24.70
1.4	16QAM	3	1	23.77	23.87	23.62	24.70
1.4	16QAM	3	3	23.75	23.80	23.69	24.70
1.4	16QAM	6	0	22.76	22.92	22.76	23.70
1.4	64QAM	1	0	22.92	23.07	22.81	23.70
1.4	64QAM	1	3	22.67	22.95	22.72	23.70
1.4	64QAM	1	5	22.77	22.86	22.62	23.70
1.4	64QAM	3	0	22.79	22.87	22.60	23.70
1.4	64QAM	3	1	22.78	22.84	22.61	23.70
1.4	64QAM	3	3	22.75	22.89	22.70	23.70
1.4	64QAM	6	0	21.84	21.95	21.70	22.70
1.4	256QAM	1	0	19.72	19.98	19.85	20.70
1.4	256QAM	1	3	19.67	19.84	19.68	20.70
1.4	256QAM	1	5	19.68	19.86	19.65	20.70
1.4	256QAM	3	0	19.72	19.87	19.62	20.70
1.4	256QAM	3	1	19.75	19.74	19.70	20.70
1.4	256QAM	3	3	19.63	19.77	19.68	20.70
1.4	256QAM	6	0	19.78	19.96	19.79	20.70

【LTE Band 12_Ant 0_DSI1】

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	25.17	25.23	25.07	25.70
10	QPSK	1	25	25.06	25.21	25.03	25.70
10	QPSK	1	49	25.02	25.20	24.90	25.70
10	QPSK	25	0	23.94	24.03	23.84	24.70
10	QPSK	25	12	23.76	23.90	23.69	24.70
10	QPSK	25	25	23.84	23.97	23.72	24.70
10	QPSK	50	0	23.79	23.95	23.71	24.70
10	16QAM	1	0	23.76	23.96	23.74	24.70
10	16QAM	1	25	23.75	23.86	23.69	24.70
10	16QAM	1	49	23.74	23.92	23.74	24.70
10	16QAM	25	0	22.93	23.03	22.82	23.70
10	16QAM	25	12	22.91	22.99	22.70	23.70
10	16QAM	25	25	22.78	22.91	22.74	23.70
10	16QAM	50	0	22.80	22.99	22.82	23.70
10	64QAM	1	0	22.95	23.10	22.86	23.70
10	64QAM	1	25	22.80	22.97	22.77	23.70
10	64QAM	1	49	22.87	22.95	22.73	23.70
10	64QAM	25	0	21.84	21.98	21.73	22.70
10	64QAM	25	12	21.80	21.91	21.72	22.70

10	64QAM	25	25	21.79	21.97	21.71	22.70
10	64QAM	50	0	21.90	22.04	21.85	22.70
10	256QAM	1	0	19.84	20.02	19.87	20.70
10	256QAM	1	25	19.79	19.98	19.72	20.70
10	256QAM	1	49	19.78	19.95	19.74	20.70
10	256QAM	25	0	19.79	19.93	19.77	20.70
10	256QAM	25	12	19.79	19.87	19.72	20.70
10	256QAM	25	25	19.72	19.91	19.75	20.70
10	256QAM	50	0	19.93	19.99	19.81	20.70
Channel				23035	23095	23115	Tune-up limit
Frequency (MHz)				701.5	707.5	713.5	(dBm)
5	QPSK	1	0	25.07	25.22	25.04	25.70
5	QPSK	1	12	24.91	25.13	24.96	25.70
5	QPSK	1	24	24.94	25.05	24.76	25.70
5	QPSK	12	0	23.82	23.98	23.80	24.70
5	QPSK	12	7	23.67	23.79	23.65	24.70
5	QPSK	12	13	23.78	23.95	23.61	24.70
5	QPSK	25	0	23.77	23.93	23.68	24.70
5	16QAM	1	0	23.73	23.88	23.63	24.70
5	16QAM	1	12	23.67	23.83	23.56	24.70
5	16QAM	1	24	23.60	23.90	23.67	24.70
5	16QAM	12	0	22.88	22.92	22.72	23.70
5	16QAM	12	7	22.81	22.91	22.57	23.70
5	16QAM	12	13	22.66	22.79	22.64	23.70
5	16QAM	25	0	22.70	22.84	22.74	23.70
5	64QAM	1	0	22.86	22.96	22.72	23.70
5	64QAM	1	12	22.65	22.88	22.72	23.70
5	64QAM	1	24	22.76	22.89	22.69	23.70
5	64QAM	12	0	21.74	21.87	21.69	22.70
5	64QAM	12	7	21.68	21.79	21.64	22.70
5	64QAM	12	13	21.70	21.83	21.68	22.70
5	64QAM	25	0	21.85	22.02	21.74	22.70
5	256QAM	1	0	19.75	19.90	19.84	20.70
5	256QAM	1	12	19.73	19.84	19.65	20.70
5	256QAM	1	24	19.68	19.86	19.71	20.70
5	256QAM	12	0	19.74	19.90	19.68	20.70
5	256QAM	12	7	19.76	19.78	19.70	20.70
5	256QAM	12	13	19.68	19.90	19.72	20.70
5	256QAM	25	0	19.84	19.84	19.80	20.70
Channel				23025	23095	23165	Tune-up limit
Frequency (MHz)				700.5	707.5	714.5	(dBm)
3	QPSK	1	0	25.12	25.09	25.00	25.70
3	QPSK	1	8	25.04	25.15	24.93	25.70
3	QPSK	1	14	24.91	25.12	24.85	25.70
3	QPSK	8	0	23.86	23.93	23.79	24.70
3	QPSK	8	4	23.71	23.88	23.63	24.70
3	QPSK	8	7	23.72	23.96	23.70	24.70
3	QPSK	15	0	23.71	23.88	23.60	24.70
3	16QAM	1	0	23.69	23.81	23.63	24.70
3	16QAM	1	8	23.65	23.74	23.55	24.70
3	16QAM	1	14	23.73	23.85	23.69	24.70
3	16QAM	8	0	22.90	22.89	22.77	23.70
3	16QAM	8	4	22.81	22.96	22.60	23.70
3	16QAM	8	7	22.67	22.82	22.63	23.70
3	16QAM	15	0	22.70	22.95	22.74	23.70
3	64QAM	1	0	22.90	23.07	22.80	23.70
3	64QAM	1	8	22.72	22.85	22.70	23.70
3	64QAM	1	14	22.78	22.81	22.62	23.70
3	64QAM	8	0	21.69	21.91	21.71	22.70
3	64QAM	8	4	21.67	21.83	21.63	22.70
3	64QAM	8	7	21.76	21.86	21.59	22.70
3	64QAM	15	0	21.78	21.91	21.77	22.70
3	256QAM	1	0	19.75	19.88	19.78	20.70
3	256QAM	1	8	19.77	19.96	19.67	20.70
3	256QAM	1	14	19.72	19.81	19.70	20.70
3	256QAM	8	0	19.67	19.83	19.74	20.70
3	256QAM	8	4	19.66	19.72	19.66	20.70
3	256QAM	8	7	19.59	19.84	19.61	20.70
3	256QAM	15	0	19.84	19.95	19.70	20.70
Channel				23017	23095	23173	Tune-up limit
Frequency (MHz)				699.7	707.5	715.3	(dBm)
1.4	QPSK	1	0	25.06	25.17	24.99	25.70
1.4	QPSK	1	3	24.95	25.17	25.01	25.70
1.4	QPSK	1	5	24.88	25.19	24.85	25.70
1.4	QPSK	3	0	24.85	24.94	24.81	25.70
1.4	QPSK	3	1	24.65	24.78	24.57	25.70
1.4	QPSK	3	3	24.80	24.93	24.61	25.70
1.4	QPSK	6	0	23.67	23.84	23.67	24.70

1.4	16QAM	1	0	23.71	23.86	23.63	24.70
1.4	16QAM	1	3	23.72	23.76	23.66	24.70
1.4	16QAM	1	5	23.67	23.84	23.60	24.70
1.4	16QAM	3	0	23.91	23.96	23.76	24.70
1.4	16QAM	3	1	23.77	23.87	23.62	24.70
1.4	16QAM	3	3	23.75	23.80	23.69	24.70
1.4	16QAM	6	0	22.76	22.92	22.76	23.70
1.4	64QAM	1	0	22.92	23.07	22.81	23.70
1.4	64QAM	1	3	22.67	22.95	22.72	23.70
1.4	64QAM	1	5	22.77	22.86	22.62	23.70
1.4	64QAM	3	0	22.79	22.87	22.60	23.70
1.4	64QAM	3	1	22.78	22.84	22.61	23.70
1.4	64QAM	3	3	22.75	22.89	22.70	23.70
1.4	64QAM	6	0	21.84	21.95	21.70	22.70
1.4	256QAM	1	0	19.72	19.98	19.85	20.70
1.4	256QAM	1	3	19.67	19.84	19.68	20.70
1.4	256QAM	1	5	19.68	19.86	19.65	20.70
1.4	256QAM	3	0	19.72	19.87	19.62	20.70
1.4	256QAM	3	1	19.75	19.74	19.70	20.70
1.4	256QAM	3	3	19.63	19.77	19.68	20.70
1.4	256QAM	6	0	19.78	19.96	19.79	20.70

【LTE Band 12_Ant 0_DSI3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23060	23095	23130	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	24.58	24.64	24.47	25.20
10	QPSK	1	25	24.45	24.55	24.23	25.20
10	QPSK	1	49	24.35	24.52	24.26	25.20
10	QPSK	25	0	23.94	24.03	23.84	24.70
10	QPSK	25	12	23.76	23.90	23.69	24.70
10	QPSK	25	25	23.84	23.97	23.72	24.70
10	QPSK	50	0	23.79	23.95	23.71	24.70
10	16QAM	1	0	23.76	23.96	23.74	24.70
10	16QAM	1	25	23.75	23.86	23.69	24.70
10	16QAM	1	49	23.74	23.92	23.74	24.70
10	16QAM	25	0	22.93	23.03	22.82	23.70
10	16QAM	25	12	22.91	22.99	22.70	23.70
10	16QAM	25	25	22.78	22.91	22.74	23.70
10	16QAM	50	0	22.80	22.99	22.82	23.70
10	64QAM	1	0	22.95	23.10	22.86	23.70
10	64QAM	1	25	22.80	22.97	22.77	23.70
10	64QAM	1	49	22.87	22.95	22.73	23.70
10	64QAM	25	0	21.84	21.98	21.73	22.70
10	64QAM	25	12	21.80	21.91	21.72	22.70
10	64QAM	25	25	21.79	21.97	21.71	22.70
10	64QAM	50	0	21.90	22.04	21.85	22.70
10	256QAM	1	0	19.84	20.02	19.87	20.70
10	256QAM	1	25	19.79	19.98	19.72	20.70
10	256QAM	1	49	19.78	19.95	19.74	20.70
10	256QAM	25	0	19.79	19.93	19.77	20.70
10	256QAM	25	12	19.79	19.87	19.72	20.70
10	256QAM	25	25	19.72	19.91	19.75	20.70
10	256QAM	50	0	19.93	19.99	19.81	20.70
Channel				23035	23095	23115	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	24.56	24.52	24.37	25.20
5	QPSK	1	12	24.33	24.50	24.10	25.20
5	QPSK	1	24	24.26	24.45	24.24	25.20
5	QPSK	12	0	23.80	23.96	23.76	24.70
5	QPSK	12	7	23.69	23.78	23.55	24.70
5	QPSK	12	13	23.72	23.90	23.63	24.70
5	QPSK	25	0	23.69	23.81	23.58	24.70
5	16QAM	1	0	23.64	23.87	23.62	24.70
5	16QAM	1	12	23.70	23.80	23.58	24.70
5	16QAM	1	24	23.70	23.86	23.60	24.70
5	16QAM	12	0	22.91	23.01	22.73	23.70
5	16QAM	12	7	22.89	22.92	22.66	23.70
5	16QAM	12	13	22.72	22.86	22.65	23.70
5	16QAM	25	0	22.72	22.97	22.81	23.70
5	64QAM	1	0	22.81	23.02	22.74	23.70

5	64QAM	1	12	22.65	22.93	22.63	23.70
5	64QAM	1	24	22.83	22.80	22.72	23.70
5	64QAM	12	0	21.71	21.84	21.67	22.70
5	64QAM	12	7	21.66	21.80	21.61	22.70
5	64QAM	12	13	21.76	21.93	21.57	22.70
5	64QAM	25	0	21.78	21.96	21.80	22.70
5	256QAM	1	0	19.75	19.90	19.77	20.70
5	256QAM	1	12	19.75	19.97	19.62	20.70
5	256QAM	1	24	19.73	19.93	19.65	20.70
5	256QAM	12	0	19.76	19.92	19.72	20.70
5	256QAM	12	7	19.73	19.81	19.61	20.70
5	256QAM	12	13	19.62	19.76	19.71	20.70
5	256QAM	25	0	19.90	19.92	19.66	20.70
Channel				23025	23095	23165	Tune-up limit
Frequency (MHz)				700.5	707.5	714.5	(dBm)
3	QPSK	1	0	24.48	24.60	24.34	25.20
3	QPSK	1	8	24.40	24.44	24.13	25.20
3	QPSK	1	14	24.31	24.45	24.12	25.20
3	QPSK	8	0	23.85	23.91	23.82	24.70
3	QPSK	8	4	23.75	23.84	23.60	24.70
3	QPSK	8	7	23.74	23.87	23.70	24.70
3	QPSK	15	0	23.78	23.90	23.57	24.70
3	16QAM	1	0	23.66	23.86	23.59	24.70
3	16QAM	1	8	23.66	23.76	23.58	24.70
3	16QAM	1	14	23.69	23.85	23.71	24.70
3	16QAM	8	0	22.82	22.89	22.69	23.70
3	16QAM	8	4	22.85	22.95	22.59	23.70
3	16QAM	8	7	22.72	22.85	22.68	23.70
3	16QAM	15	0	22.69	22.87	22.73	23.70
3	64QAM	1	0	22.84	23.07	22.76	23.70
3	64QAM	1	8	22.70	22.86	22.65	23.70
3	64QAM	1	14	22.80	22.84	22.65	23.70
3	64QAM	8	0	21.82	21.87	21.67	22.70
3	64QAM	8	4	21.66	21.83	21.60	22.70
3	64QAM	8	7	21.76	21.94	21.63	22.70
3	64QAM	15	0	21.79	21.94	21.80	22.70
3	256QAM	1	0	19.83	19.98	19.79	20.70
3	256QAM	1	8	19.74	19.92	19.67	20.70
3	256QAM	1	14	19.65	19.88	19.65	20.70
3	256QAM	8	0	19.66	19.79	19.63	20.70
3	256QAM	8	4	19.65	19.83	19.58	20.70
3	256QAM	8	7	19.59	19.83	19.66	20.70
3	256QAM	15	0	19.92	19.91	19.78	20.70
Channel				23017	23095	23173	Tune-up limit
Frequency (MHz)				699.7	707.5	715.3	(dBm)
1.4	QPSK	1	0	24.44	24.63	24.40	25.20
1.4	QPSK	1	3	24.30	24.54	24.17	25.20
1.4	QPSK	1	5	24.23	24.46	24.23	25.20
1.4	QPSK	3	0	24.32	24.42	24.32	25.20
1.4	QPSK	3	1	24.16	24.26	24.05	25.20
1.4	QPSK	3	3	24.23	24.34	24.16	25.20
1.4	QPSK	6	0	23.70	23.82	23.59	24.70
1.4	16QAM	1	0	23.63	23.81	23.62	24.70
1.4	16QAM	1	3	23.65	23.84	23.62	24.70
1.4	16QAM	1	5	23.68	23.83	23.66	24.70
1.4	16QAM	3	0	23.83	23.98	23.78	24.70
1.4	16QAM	3	1	23.86	23.93	23.59	24.70
1.4	16QAM	3	3	23.75	23.79	23.62	24.70
1.4	16QAM	6	0	22.65	22.87	22.70	23.70
1.4	64QAM	1	0	22.89	22.96	22.81	23.70
1.4	64QAM	1	3	22.65	22.87	22.63	23.70
1.4	64QAM	1	5	22.80	22.82	22.63	23.70
1.4	64QAM	3	0	22.81	22.83	22.59	23.70
1.4	64QAM	3	1	22.74	22.77	22.63	23.70
1.4	64QAM	3	3	22.67	22.83	22.69	23.70
1.4	64QAM	6	0	21.85	21.93	21.72	22.70
1.4	256QAM	1	0	19.82	19.90	19.77	20.70
1.4	256QAM	1	3	19.77	19.93	19.58	20.70
1.4	256QAM	1	5	19.68	19.89	19.64	20.70
1.4	256QAM	3	0	19.75	19.84	19.73	20.70
1.4	256QAM	3	1	19.78	19.83	19.62	20.70
1.4	256QAM	3	3	19.62	19.88	19.65	20.70
1.4	256QAM	6	0	19.81	19.95	19.70	20.70

【LTE Band 12_Ant 0_DSI4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23060	23095	23130	
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	25.17	25.23	25.07	25.70
10	QPSK	1	25	25.06	25.21	25.03	25.70
10	QPSK	1	49	25.02	25.20	24.90	25.70
10	QPSK	25	0	23.94	24.03	23.84	24.70
10	QPSK	25	12	23.76	23.90	23.69	24.70
10	QPSK	25	25	23.84	23.97	23.72	24.70
10	QPSK	50	0	23.79	23.95	23.71	24.70
10	16QAM	1	0	23.76	23.96	23.74	24.70
10	16QAM	1	25	23.75	23.86	23.69	24.70
10	16QAM	1	49	23.74	23.92	23.74	24.70
10	16QAM	25	0	22.93	23.03	22.82	23.70
10	16QAM	25	12	22.91	22.99	22.70	23.70
10	16QAM	25	25	22.78	22.91	22.74	23.70
10	16QAM	50	0	22.80	22.99	22.82	23.70
10	64QAM	1	0	22.95	23.10	22.86	23.70
10	64QAM	1	25	22.80	22.97	22.77	23.70
10	64QAM	1	49	22.87	22.95	22.73	23.70
10	64QAM	25	0	21.84	21.98	21.73	22.70
10	64QAM	25	12	21.80	21.91	21.72	22.70
10	64QAM	25	25	21.79	21.97	21.71	22.70
10	64QAM	50	0	21.90	22.04	21.85	22.70
10	256QAM	1	0	19.84	20.02	19.87	20.70
10	256QAM	1	25	19.79	19.98	19.72	20.70
10	256QAM	1	49	19.78	19.95	19.74	20.70
10	256QAM	25	0	19.79	19.93	19.77	20.70
10	256QAM	25	12	19.79	19.87	19.72	20.70
10	256QAM	25	25	19.72	19.91	19.75	20.70
10	256QAM	50	0	19.93	19.99	19.81	20.70
Channel				23035	23095	23115	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	25.07	25.22	25.04	25.70
5	QPSK	1	12	24.91	25.13	24.96	25.70
5	QPSK	1	24	24.94	25.05	24.76	25.70
5	QPSK	12	0	23.82	23.98	23.80	24.70
5	QPSK	12	7	23.67	23.79	23.65	24.70
5	QPSK	12	13	23.78	23.95	23.61	24.70
5	QPSK	25	0	23.77	23.93	23.68	24.70
5	16QAM	1	0	23.73	23.88	23.63	24.70
5	16QAM	1	12	23.67	23.83	23.56	24.70
5	16QAM	1	24	23.60	23.90	23.67	24.70
5	16QAM	12	0	22.88	22.92	22.72	23.70
5	16QAM	12	7	22.81	22.91	22.57	23.70
5	16QAM	12	13	22.66	22.79	22.64	23.70
5	16QAM	25	0	22.70	22.84	22.74	23.70
5	64QAM	1	0	22.86	22.96	22.72	23.70
5	64QAM	1	12	22.65	22.88	22.72	23.70
5	64QAM	1	24	22.76	22.89	22.69	23.70
5	64QAM	12	0	21.74	21.87	21.69	22.70
5	64QAM	12	7	21.68	21.79	21.64	22.70
5	64QAM	12	13	21.70	21.83	21.68	22.70
5	64QAM	25	0	21.85	22.02	21.74	22.70
5	256QAM	1	0	19.75	19.90	19.84	20.70
5	256QAM	1	12	19.73	19.84	19.65	20.70
5	256QAM	1	24	19.68	19.86	19.71	20.70
5	256QAM	12	0	19.74	19.90	19.68	20.70
5	256QAM	12	7	19.76	19.78	19.70	20.70
5	256QAM	12	13	19.68	19.90	19.72	20.70
5	256QAM	25	0	19.84	19.84	19.80	20.70
Channel				23025	23095	23165	Tune-up limit (dBm)
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	25.12	25.09	25.00	25.70
3	QPSK	1	8	25.04	25.15	24.93	25.70
3	QPSK	1	14	24.91	25.12	24.85	25.70
3	QPSK	8	0	23.86	23.93	23.79	24.70
3	QPSK	8	4	23.71	23.88	23.63	24.70
3	QPSK	8	7	23.72	23.96	23.70	24.70
3	QPSK	15	0	23.71	23.88	23.60	24.70
3	16QAM	1	0	23.69	23.81	23.63	24.70
3	16QAM	1	8	23.65	23.74	23.55	24.70
3	16QAM	1	14	23.73	23.85	23.69	24.70
3	16QAM	8	0	22.90	22.89	22.77	23.70

3	16QAM	8	4	22.81	22.96	22.60	23.70
3	16QAM	8	7	22.67	22.82	22.63	23.70
3	16QAM	15	0	22.70	22.95	22.74	23.70
3	64QAM	1	0	22.90	23.07	22.80	23.70
3	64QAM	1	8	22.72	22.85	22.70	23.70
3	64QAM	1	14	22.78	22.81	22.62	23.70
3	64QAM	8	0	21.69	21.91	21.71	22.70
3	64QAM	8	4	21.67	21.83	21.63	22.70
3	64QAM	8	7	21.76	21.86	21.59	22.70
3	64QAM	15	0	21.78	21.91	21.77	22.70
3	256QAM	1	0	19.75	19.88	19.78	20.70
3	256QAM	1	8	19.77	19.96	19.67	20.70
3	256QAM	1	14	19.72	19.81	19.70	20.70
3	256QAM	8	0	19.67	19.83	19.74	20.70
3	256QAM	8	4	19.66	19.72	19.66	20.70
3	256QAM	8	7	19.59	19.84	19.61	20.70
3	256QAM	15	0	19.84	19.95	19.70	20.70
Channel				23017	23095	23173	Tune-up limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	25.06	25.17	24.99	25.70
1.4	QPSK	1	3	24.95	25.17	25.01	25.70
1.4	QPSK	1	5	24.88	25.19	24.85	25.70
1.4	QPSK	3	0	24.85	24.94	24.81	25.70
1.4	QPSK	3	1	24.65	24.78	24.57	25.70
1.4	QPSK	3	3	24.80	24.93	24.61	25.70
1.4	QPSK	6	0	23.67	23.84	23.67	24.70
1.4	16QAM	1	0	23.71	23.86	23.63	24.70
1.4	16QAM	1	3	23.72	23.76	23.66	24.70
1.4	16QAM	1	5	23.67	23.84	23.60	24.70
1.4	16QAM	3	0	23.91	23.96	23.76	24.70
1.4	16QAM	3	1	23.77	23.87	23.62	24.70
1.4	16QAM	3	3	23.75	23.80	23.69	24.70
1.4	16QAM	6	0	22.76	22.92	22.76	23.70
1.4	64QAM	1	0	22.92	23.07	22.81	23.70
1.4	64QAM	1	3	22.67	22.95	22.72	23.70
1.4	64QAM	1	5	22.77	22.86	22.62	23.70
1.4	64QAM	3	0	22.79	22.87	22.60	23.70
1.4	64QAM	3	1	22.78	22.84	22.61	23.70
1.4	64QAM	3	3	22.75	22.89	22.70	23.70
1.4	64QAM	6	0	21.84	21.95	21.70	22.70
1.4	256QAM	1	0	19.72	19.98	19.85	20.70
1.4	256QAM	1	3	19.67	19.84	19.68	20.70
1.4	256QAM	1	5	19.68	19.86	19.65	20.70
1.4	256QAM	3	0	19.72	19.87	19.62	20.70
1.4	256QAM	3	1	19.75	19.74	19.70	20.70
1.4	256QAM	3	3	19.63	19.77	19.68	20.70
1.4	256QAM	6	0	19.78	19.96	19.79	20.70

【LTE Band 12_Ant 0_DSI5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23060	23095	23130	
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	24.58	24.64	24.47	25.20
10	QPSK	1	25	24.45	24.55	24.23	25.20
10	QPSK	1	49	24.35	24.52	24.26	25.20
10	QPSK	25	0	23.94	24.03	23.84	24.70
10	QPSK	25	12	23.76	23.90	23.69	24.70
10	QPSK	25	25	23.84	23.97	23.72	24.70
10	QPSK	50	0	23.79	23.95	23.71	24.70
10	16QAM	1	0	23.76	23.96	23.74	24.70
10	16QAM	1	25	23.75	23.86	23.69	24.70
10	16QAM	1	49	23.74	23.92	23.74	24.70
10	16QAM	25	0	22.93	23.03	22.82	23.70
10	16QAM	25	12	22.91	22.99	22.70	23.70
10	16QAM	25	25	22.78	22.91	22.74	23.70
10	16QAM	50	0	22.80	22.99	22.82	23.70
10	64QAM	1	0	22.95	23.10	22.86	23.70
10	64QAM	1	25	22.80	22.97	22.77	23.70
10	64QAM	1	49	22.87	22.95	22.73	23.70
10	64QAM	25	0	21.84	21.98	21.73	22.70
10	64QAM	25	12	21.80	21.91	21.72	22.70

10	64QAM	25	25	21.79	21.97	21.71	22.70
10	64QAM	50	0	21.90	22.04	21.85	22.70
10	256QAM	1	0	19.84	20.02	19.87	20.70
10	256QAM	1	25	19.79	19.98	19.72	20.70
10	256QAM	1	49	19.78	19.95	19.74	20.70
10	256QAM	25	0	19.79	19.93	19.77	20.70
10	256QAM	25	12	19.79	19.87	19.72	20.70
10	256QAM	25	25	19.72	19.91	19.75	20.70
10	256QAM	50	0	19.93	19.99	19.81	20.70
Channel				23035	23095	23115	Tune-up limit
Frequency (MHz)				701.5	707.5	713.5	(dBm)
5	QPSK	1	0	24.56	24.52	24.37	25.20
5	QPSK	1	12	24.33	24.50	24.10	25.20
5	QPSK	1	24	24.26	24.45	24.24	25.20
5	QPSK	12	0	23.80	23.96	23.76	24.70
5	QPSK	12	7	23.69	23.78	23.55	24.70
5	QPSK	12	13	23.72	23.90	23.63	24.70
5	QPSK	25	0	23.69	23.81	23.58	24.70
5	16QAM	1	0	23.64	23.87	23.62	24.70
5	16QAM	1	12	23.70	23.80	23.58	24.70
5	16QAM	1	24	23.70	23.86	23.60	24.70
5	16QAM	12	0	22.91	23.01	22.73	23.70
5	16QAM	12	7	22.89	22.92	22.66	23.70
5	16QAM	12	13	22.72	22.86	22.65	23.70
5	16QAM	25	0	22.72	22.97	22.81	23.70
5	64QAM	1	0	22.81	23.02	22.74	23.70
5	64QAM	1	12	22.65	22.93	22.63	23.70
5	64QAM	1	24	22.83	22.80	22.72	23.70
5	64QAM	12	0	21.71	21.84	21.67	22.70
5	64QAM	12	7	21.66	21.80	21.61	22.70
5	64QAM	12	13	21.76	21.93	21.57	22.70
5	64QAM	25	0	21.78	21.96	21.80	22.70
5	256QAM	1	0	19.75	19.90	19.77	20.70
5	256QAM	1	12	19.75	19.97	19.62	20.70
5	256QAM	1	24	19.73	19.93	19.65	20.70
5	256QAM	12	0	19.76	19.92	19.72	20.70
5	256QAM	12	7	19.73	19.81	19.61	20.70
5	256QAM	12	13	19.62	19.76	19.71	20.70
5	256QAM	25	0	19.90	19.92	19.66	20.70
Channel				23025	23095	23165	Tune-up limit
Frequency (MHz)				700.5	707.5	714.5	(dBm)
3	QPSK	1	0	24.48	24.60	24.34	25.20
3	QPSK	1	8	24.40	24.44	24.13	25.20
3	QPSK	1	14	24.31	24.45	24.12	25.20
3	QPSK	8	0	23.85	23.91	23.82	24.70
3	QPSK	8	4	23.75	23.84	23.60	24.70
3	QPSK	8	7	23.74	23.87	23.70	24.70
3	QPSK	15	0	23.78	23.90	23.57	24.70
3	16QAM	1	0	23.66	23.86	23.59	24.70
3	16QAM	1	8	23.66	23.76	23.58	24.70
3	16QAM	1	14	23.69	23.85	23.71	24.70
3	16QAM	8	0	22.82	22.89	22.69	23.70
3	16QAM	8	4	22.85	22.95	22.59	23.70
3	16QAM	8	7	22.72	22.85	22.68	23.70
3	16QAM	15	0	22.69	22.87	22.73	23.70
3	64QAM	1	0	22.84	23.07	22.76	23.70
3	64QAM	1	8	22.70	22.86	22.65	23.70
3	64QAM	1	14	22.80	22.84	22.65	23.70
3	64QAM	8	0	21.82	21.87	21.67	22.70
3	64QAM	8	4	21.66	21.83	21.60	22.70
3	64QAM	8	7	21.76	21.94	21.63	22.70
3	64QAM	15	0	21.79	21.94	21.80	22.70
3	256QAM	1	0	19.83	19.98	19.79	20.70
3	256QAM	1	8	19.74	19.92	19.67	20.70
3	256QAM	1	14	19.65	19.88	19.65	20.70
3	256QAM	8	0	19.66	19.79	19.63	20.70
3	256QAM	8	4	19.65	19.83	19.58	20.70
3	256QAM	8	7	19.59	19.83	19.66	20.70
3	256QAM	15	0	19.92	19.91	19.78	20.70
Channel				23017	23095	23173	Tune-up limit
Frequency (MHz)				699.7	707.5	715.3	(dBm)
1.4	QPSK	1	0	24.44	24.63	24.40	25.20
1.4	QPSK	1	3	24.30	24.54	24.17	25.20
1.4	QPSK	1	5	24.23	24.46	24.23	25.20
1.4	QPSK	3	0	24.32	24.42	24.32	25.20
1.4	QPSK	3	1	24.16	24.26	24.05	25.20
1.4	QPSK	3	3	24.23	24.34	24.16	25.20
1.4	QPSK	6	0	23.70	23.82	23.59	24.70

1.4	16QAM	1	0	23.63	23.81	23.62	24.70
1.4	16QAM	1	3	23.65	23.84	23.62	24.70
1.4	16QAM	1	5	23.68	23.83	23.66	24.70
1.4	16QAM	3	0	23.83	23.98	23.78	24.70
1.4	16QAM	3	1	23.86	23.93	23.59	24.70
1.4	16QAM	3	3	23.75	23.79	23.62	24.70
1.4	16QAM	6	0	22.65	22.87	22.70	23.70
1.4	64QAM	1	0	22.89	22.96	22.81	23.70
1.4	64QAM	1	3	22.65	22.87	22.63	23.70
1.4	64QAM	1	5	22.80	22.82	22.63	23.70
1.4	64QAM	3	0	22.81	22.83	22.59	23.70
1.4	64QAM	3	1	22.74	22.77	22.63	23.70
1.4	64QAM	3	3	22.67	22.83	22.69	23.70
1.4	64QAM	6	0	21.85	21.93	21.72	22.70
1.4	256QAM	1	0	19.82	19.90	19.77	20.70
1.4	256QAM	1	3	19.77	19.93	19.58	20.70
1.4	256QAM	1	5	19.68	19.89	19.64	20.70
1.4	256QAM	3	0	19.75	19.84	19.73	20.70
1.4	256QAM	3	1	19.78	19.83	19.62	20.70
1.4	256QAM	3	3	19.62	19.88	19.65	20.70
1.4	256QAM	6	0	19.81	19.95	19.70	20.70

【LTE Band 12_Ant 1_Default】

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	24.61	24.79	24.71	25.70
10	QPSK	1	25	24.48	24.72	24.53	25.70
10	QPSK	1	49	24.47	24.74	24.63	25.70
10	QPSK	25	0	23.50	23.72	23.65	24.70
10	QPSK	25	12	23.50	23.70	23.56	24.70
10	QPSK	25	25	23.48	23.71	23.59	24.70
10	QPSK	50	0	23.52	23.75	23.62	24.70
10	16QAM	1	0	23.85	24.01	23.83	24.70
10	16QAM	1	25	23.66	23.92	23.78	24.70
10	16QAM	1	49	23.72	23.97	23.85	24.70
10	16QAM	25	0	22.56	22.77	22.63	23.70
10	16QAM	25	12	22.42	22.69	22.60	23.70
10	16QAM	25	25	22.41	22.64	22.54	23.70
10	16QAM	50	0	22.59	22.74	22.68	23.70
10	64QAM	1	0	22.72	22.98	22.93	23.70
10	64QAM	1	25	22.72	22.91	22.74	23.70
10	64QAM	1	49	22.62	22.89	22.80	23.70
10	64QAM	25	0	21.58	21.73	21.55	22.70
10	64QAM	25	12	21.45	21.64	21.47	22.70
10	64QAM	25	25	21.41	21.58	21.45	22.70
10	64QAM	50	0	21.44	21.70	21.59	22.70
10	256QAM	1	0	19.52	19.76	19.62	20.70
10	256QAM	1	25	19.43	19.60	19.52	20.70
10	256QAM	1	49	19.38	19.61	19.52	20.70
10	256QAM	25	0	19.39	19.64	19.59	20.70
10	256QAM	25	12	19.40	19.58	19.50	20.70
10	256QAM	25	25	19.36	19.51	19.34	20.70
10	256QAM	50	0	19.36	19.60	19.48	20.70
Channel				23035	23095	23115	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	24.56	24.69	24.67	25.70
5	QPSK	1	12	24.40	24.64	24.42	25.70
5	QPSK	1	24	24.45	24.70	24.55	25.70
5	QPSK	12	0	23.45	23.61	23.55	24.70
5	QPSK	12	7	23.36	23.55	23.53	24.70
5	QPSK	12	13	23.38	23.69	23.56	24.70
5	QPSK	25	0	23.50	23.65	23.56	24.70
5	16QAM	1	0	23.82	23.92	23.76	24.70
5	16QAM	1	12	23.53	23.82	23.64	24.70
5	16QAM	1	24	23.66	23.88	23.73	24.70
5	16QAM	12	0	22.43	22.66	22.48	23.70
5	16QAM	12	7	22.33	22.59	22.58	23.70
5	16QAM	12	13	22.31	22.56	22.41	23.70
5	16QAM	25	0	22.52	22.61	22.58	23.70
5	64QAM	1	0	22.65	22.89	22.84	23.70

5	64QAM	1	12	22.63	22.83	22.64	23.70
5	64QAM	1	24	22.57	22.82	22.72	23.70
5	64QAM	12	0	21.43	21.66	21.51	22.70
5	64QAM	12	7	21.41	21.50	21.36	22.70
5	64QAM	12	13	21.35	21.48	21.38	22.70
5	64QAM	25	0	21.29	21.64	21.48	22.70
5	256QAM	1	0	19.44	19.68	19.54	20.70
5	256QAM	1	12	19.31	19.55	19.47	20.70
5	256QAM	1	24	19.31	19.57	19.43	20.70
5	256QAM	12	0	19.27	19.61	19.58	20.70
5	256QAM	12	7	19.36	19.51	19.40	20.70
5	256QAM	12	13	19.27	19.49	19.28	20.70
5	256QAM	25	0	19.28	19.49	19.33	20.70
Channel				23025	23095	23165	Tune-up limit
Frequency (MHz)				700.5	707.5	714.5	(dBm)
3	QPSK	1	0	24.59	24.66	24.65	25.70
3	QPSK	1	8	24.40	24.71	24.42	25.70
3	QPSK	1	14	24.38	24.59	24.60	25.70
3	QPSK	8	0	23.41	23.64	23.60	24.70
3	QPSK	8	4	23.48	23.63	23.42	24.70
3	QPSK	8	7	23.44	23.67	23.47	24.70
3	QPSK	15	0	23.43	23.68	23.47	24.70
3	16QAM	1	0	23.70	23.86	23.78	24.70
3	16QAM	1	8	23.52	23.87	23.76	24.70
3	16QAM	1	14	23.68	23.90	23.75	24.70
3	16QAM	8	0	22.55	22.63	22.55	23.70
3	16QAM	8	4	22.35	22.57	22.47	23.70
3	16QAM	8	7	22.33	22.57	22.42	23.70
3	16QAM	15	0	22.57	22.70	22.58	23.70
3	64QAM	1	0	22.59	22.86	22.84	23.70
3	64QAM	1	8	22.58	22.86	22.70	23.70
3	64QAM	1	14	22.60	22.87	22.68	23.70
3	64QAM	8	0	21.43	21.59	21.41	22.70
3	64QAM	8	4	21.44	21.61	21.39	22.70
3	64QAM	8	7	21.29	21.53	21.38	22.70
3	64QAM	15	0	21.38	21.66	21.47	22.70
3	256QAM	1	0	19.38	19.62	19.49	20.70
3	256QAM	1	8	19.41	19.50	19.48	20.70
3	256QAM	1	14	19.34	19.57	19.44	20.70
3	256QAM	8	0	19.26	19.53	19.51	20.70
3	256QAM	8	4	19.36	19.46	19.43	20.70
3	256QAM	8	7	19.33	19.40	19.21	20.70
3	256QAM	15	0	19.32	19.48	19.45	20.70
Channel				23017	23095	23173	Tune-up limit
Frequency (MHz)				699.7	707.5	715.3	(dBm)
1.4	QPSK	1	0	24.47	24.73	24.64	25.70
1.4	QPSK	1	3	24.42	24.59	24.44	25.70
1.4	QPSK	1	5	24.44	24.62	24.53	25.70
1.4	QPSK	3	0	24.46	24.57	24.50	25.70
1.4	QPSK	3	1	24.45	24.63	24.42	25.70
1.4	QPSK	3	3	24.36	24.63	24.57	25.70
1.4	QPSK	6	0	23.44	23.65	23.60	24.70
1.4	16QAM	1	0	23.82	23.93	23.75	24.70
1.4	16QAM	1	3	23.58	23.89	23.71	24.70
1.4	16QAM	1	5	23.63	23.95	23.71	24.70
1.4	16QAM	3	0	23.45	23.66	23.59	24.70
1.4	16QAM	3	1	23.33	23.63	23.46	24.70
1.4	16QAM	3	3	23.40	23.49	23.49	24.70
1.4	16QAM	6	0	22.55	22.71	22.59	23.70
1.4	64QAM	1	0	22.65	22.90	22.84	23.70
1.4	64QAM	1	3	22.70	22.81	22.65	23.70
1.4	64QAM	1	5	22.49	22.76	22.66	23.70
1.4	64QAM	3	0	22.44	22.60	22.42	23.70
1.4	64QAM	3	1	22.33	22.56	22.39	23.70
1.4	64QAM	3	3	22.38	22.56	22.39	23.70
1.4	64QAM	6	0	21.41	21.68	21.51	22.70
1.4	256QAM	1	0	19.38	19.70	19.56	20.70
1.4	256QAM	1	3	19.36	19.49	19.45	20.70
1.4	256QAM	1	5	19.35	19.52	19.39	20.70
1.4	256QAM	3	0	19.24	19.61	19.49	20.70
1.4	256QAM	3	1	19.35	19.49	19.40	20.70
1.4	256QAM	3	3	19.35	19.47	19.27	20.70
1.4	256QAM	6	0	19.24	19.56	19.45	20.70

【LTE Band 12_Ant 1_DS11】

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	21.45	21.55	21.44	22.70
10	QPSK	1	25	21.33	21.52	21.41	22.70
10	QPSK	1	49	21.43	21.49	21.35	22.70
10	QPSK	25	0	21.44	21.48	21.33	22.70
10	QPSK	25	12	21.29	21.40	21.29	22.70
10	QPSK	25	25	21.30	21.42	21.22	22.70
10	QPSK	50	0	21.20	21.39	21.15	22.70
10	16QAM	1	0	21.24	21.24	21.40	22.70
10	16QAM	1	25	21.25	21.26	21.36	22.70
10	16QAM	1	49	21.26	21.31	21.32	22.70
10	16QAM	25	0	21.32	21.32	21.39	22.70
10	16QAM	25	12	21.46	21.40	21.48	22.70
10	16QAM	25	25	21.33	21.28	21.46	22.70
10	16QAM	50	0	21.24	21.54	21.47	22.70
10	64QAM	1	0	21.39	21.31	21.35	22.70
10	64QAM	1	25	21.29	21.30	21.48	22.70
10	64QAM	1	49	21.40	21.46	21.40	22.70
10	64QAM	25	0	21.34	21.40	21.39	22.70
10	64QAM	25	12	21.25	21.39	21.38	22.70
10	64QAM	25	25	21.30	21.40	21.48	22.70
10	64QAM	50	0	21.33	21.49	21.44	22.70
10	256QAM	1	0	19.52	19.76	19.62	20.70
10	256QAM	1	25	19.43	19.60	19.52	20.70
10	256QAM	1	49	19.38	19.61	19.52	20.70
10	256QAM	25	0	19.39	19.64	19.59	20.70
10	256QAM	25	12	19.40	19.58	19.50	20.70
10	256QAM	25	25	19.36	19.51	19.34	20.70
10	256QAM	50	0	19.36	19.60	19.48	20.70
Channel				23035	23095	23115	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	21.36	21.49	21.35	22.70
5	QPSK	1	12	21.25	21.39	21.35	22.70
5	QPSK	1	24	21.42	21.43	21.31	22.70
5	QPSK	12	0	21.38	21.46	21.25	22.70
5	QPSK	12	7	21.28	21.39	21.19	22.70
5	QPSK	12	13	21.22	21.41	21.09	22.70
5	QPSK	25	0	21.06	21.32	21.10	22.70
5	16QAM	1	0	21.22	21.19	21.26	22.70
5	16QAM	1	12	21.21	21.21	21.31	22.70
5	16QAM	1	24	21.16	21.17	21.23	22.70
5	16QAM	12	0	21.31	21.21	21.30	22.70
5	16QAM	12	7	21.42	21.29	21.33	22.70
5	16QAM	12	13	21.32	21.16	21.38	22.70
5	16QAM	25	0	21.10	21.49	21.39	22.70
5	64QAM	1	0	21.31	21.22	21.24	22.70
5	64QAM	1	12	21.15	21.16	21.45	22.70
5	64QAM	1	24	21.37	21.41	21.39	22.70
5	64QAM	12	0	21.29	21.28	21.28	22.70
5	64QAM	12	7	21.16	21.31	21.30	22.70
5	64QAM	12	13	21.22	21.26	21.43	22.70
5	64QAM	25	0	21.23	21.39	21.33	22.70
5	256QAM	1	0	19.51	19.63	19.51	20.70
5	256QAM	1	12	19.34	19.51	19.43	20.70
5	256QAM	1	24	19.32	19.49	19.46	20.70
5	256QAM	12	0	19.36	19.58	19.55	20.70
5	256QAM	12	7	19.30	19.43	19.40	20.70
5	256QAM	12	13	19.31	19.38	19.30	20.70
5	256QAM	25	0	19.31	19.46	19.41	20.70
Channel				23025	23095	23165	Tune-up limit (dBm)
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	21.32	21.46	21.39	22.70
3	QPSK	1	8	21.20	21.39	21.37	22.70
3	QPSK	1	14	21.40	21.34	21.26	22.70
3	QPSK	8	0	21.41	21.37	21.25	22.70
3	QPSK	8	4	21.24	21.35	21.22	22.70
3	QPSK	8	7	21.16	21.29	21.10	22.70
3	QPSK	15	0	21.14	21.36	21.05	22.70
3	16QAM	1	0	21.13	21.16	21.35	22.70
3	16QAM	1	8	21.23	21.11	21.27	22.70
3	16QAM	1	14	21.20	21.29	21.30	22.70
3	16QAM	8	0	21.29	21.25	21.28	22.70

3	16QAM	8	4	21.32	21.38	21.42	22.70
3	16QAM	8	7	21.31	21.19	21.35	22.70
3	16QAM	15	0	21.11	21.42	21.36	22.70
3	64QAM	1	0	21.27	21.25	21.32	22.70
3	64QAM	1	8	21.23	21.15	21.37	22.70
3	64QAM	1	14	21.27	21.40	21.35	22.70
3	64QAM	8	0	21.25	21.27	21.30	22.70
3	64QAM	8	4	21.23	21.28	21.32	22.70
3	64QAM	8	7	21.17	21.25	21.47	22.70
3	64QAM	15	0	21.31	21.39	21.42	22.70
3	256QAM	1	0	19.50	19.69	19.50	20.70
3	256QAM	1	8	19.35	19.49	19.37	20.70
3	256QAM	1	14	19.28	19.57	19.38	20.70
3	256QAM	8	0	19.35	19.55	19.56	20.70
3	256QAM	8	4	19.27	19.55	19.41	20.70
3	256QAM	8	7	19.28	19.47	19.27	20.70
3	256QAM	15	0	19.33	19.52	19.42	20.70
Channel				23017	23095	23173	Tune-up limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	21.39	21.41	21.31	22.70
1.4	QPSK	1	3	21.21	21.49	21.26	22.70
1.4	QPSK	1	5	21.34	21.48	21.23	22.70
1.4	QPSK	3	0	21.33	21.47	21.22	22.70
1.4	QPSK	3	1	21.15	21.29	21.24	22.70
1.4	QPSK	3	3	21.17	21.35	21.08	22.70
1.4	QPSK	6	0	21.06	21.37	21.14	22.70
1.4	16QAM	1	0	21.21	21.16	21.32	22.70
1.4	16QAM	1	3	21.23	21.17	21.35	22.70
1.4	16QAM	1	5	21.24	21.28	21.21	22.70
1.4	16QAM	3	0	21.28	21.21	21.27	22.70
1.4	16QAM	3	1	21.36	21.29	21.45	22.70
1.4	16QAM	3	3	21.21	21.13	21.37	22.70
1.4	16QAM	6	0	21.20	21.45	21.34	22.70
1.4	64QAM	1	0	21.28	21.16	21.30	22.70
1.4	64QAM	1	3	21.18	21.29	21.37	22.70
1.4	64QAM	1	5	21.32	21.40	21.34	22.70
1.4	64QAM	3	0	21.30	21.28	21.37	22.70
1.4	64QAM	3	1	21.11	21.31	21.24	22.70
1.4	64QAM	3	3	21.25	21.33	21.36	22.70
1.4	64QAM	6	0	21.20	21.37	21.36	22.70
1.4	256QAM	1	0	19.48	19.72	19.58	20.70
1.4	256QAM	1	3	19.41	19.49	19.37	20.70
1.4	256QAM	1	5	19.35	19.56	19.50	20.70
1.4	256QAM	3	0	19.29	19.61	19.50	20.70
1.4	256QAM	3	1	19.35	19.53	19.41	20.70
1.4	256QAM	3	3	19.24	19.44	19.26	20.70
1.4	256QAM	6	0	19.26	19.47	19.36	20.70

【LTE Band 12_Ant 1_DSI3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23060	23095	23130	
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	22.07	22.07	21.90	23.20
10	QPSK	1	25	21.92	21.93	21.79	23.20
10	QPSK	1	49	21.95	21.91	21.85	23.20
10	QPSK	25	0	21.94	21.95	21.89	23.20
10	QPSK	25	12	21.80	21.85	21.82	23.20
10	QPSK	25	25	21.74	21.87	21.74	23.20
10	QPSK	50	0	21.72	21.80	21.72	23.20
10	16QAM	1	0	21.74	21.82	21.81	23.20
10	16QAM	1	25	21.71	21.68	21.80	23.20
10	16QAM	1	49	21.76	21.72	21.70	23.20
10	16QAM	25	0	21.91	21.79	21.82	23.20
10	16QAM	25	12	21.95	21.88	22.03	23.20
10	16QAM	25	25	21.89	21.79	21.93	23.20
10	16QAM	50	0	21.73	21.93	21.95	23.20
10	64QAM	1	0	21.90	21.80	21.87	23.20
10	64QAM	1	25	21.88	21.89	21.96	23.20
10	64QAM	1	49	21.81	21.94	21.97	23.20
10	64QAM	25	0	21.58	21.73	21.55	22.70
10	64QAM	25	12	21.45	21.64	21.47	22.70

10	64QAM	25	25	21.41	21.58	21.45	22.70
10	64QAM	50	0	21.44	21.70	21.59	22.70
10	256QAM	1	0	19.52	19.76	19.62	20.70
10	256QAM	1	25	19.43	19.60	19.52	20.70
10	256QAM	1	49	19.38	19.61	19.52	20.70
10	256QAM	25	0	19.39	19.64	19.59	20.70
10	256QAM	25	12	19.40	19.58	19.50	20.70
10	256QAM	25	25	19.36	19.51	19.34	20.70
10	256QAM	50	0	19.36	19.60	19.48	20.70
Channel				23035	23095	23115	Tune-up limit
Frequency (MHz)				701.5	707.5	713.5	(dBm)
5	QPSK	1	0	22.06	22.03	21.88	23.20
5	QPSK	1	12	21.87	21.89	21.77	23.20
5	QPSK	1	24	21.90	21.80	21.74	23.20
5	QPSK	12	0	21.92	21.90	21.87	23.20
5	QPSK	12	7	21.72	21.77	21.72	23.20
5	QPSK	12	13	21.68	21.81	21.67	23.20
5	QPSK	25	0	21.70	21.67	21.59	23.20
5	16QAM	1	0	21.69	21.77	21.80	23.20
5	16QAM	1	12	21.65	21.56	21.68	23.20
5	16QAM	1	24	21.69	21.70	21.59	23.20
5	16QAM	12	0	21.89	21.69	21.79	23.20
5	16QAM	12	7	21.86	21.83	21.96	23.20
5	16QAM	12	13	21.86	21.71	21.84	23.20
5	16QAM	25	0	21.65	21.92	21.87	23.20
5	64QAM	1	0	21.88	21.74	21.73	23.20
5	64QAM	1	12	21.83	21.86	21.89	23.20
5	64QAM	1	24	21.67	21.84	21.89	23.20
5	64QAM	12	0	21.45	21.68	21.41	22.70
5	64QAM	12	7	21.32	21.58	21.33	22.70
5	64QAM	12	13	21.28	21.54	21.43	22.70
5	64QAM	25	0	21.31	21.64	21.57	22.70
5	256QAM	1	0	19.47	19.73	19.55	20.70
5	256QAM	1	12	19.38	19.45	19.50	20.70
5	256QAM	1	24	19.36	19.54	19.38	20.70
5	256QAM	12	0	19.33	19.51	19.53	20.70
5	256QAM	12	7	19.33	19.56	19.39	20.70
5	256QAM	12	13	19.28	19.49	19.23	20.70
5	256QAM	25	0	19.30	19.49	19.36	20.70
Channel				23025	23095	23165	Tune-up limit
Frequency (MHz)				700.5	707.5	714.5	(dBm)
3	QPSK	1	0	21.96	21.93	21.78	23.20
3	QPSK	1	8	21.82	21.90	21.65	23.20
3	QPSK	1	14	21.88	21.81	21.77	23.20
3	QPSK	8	0	21.79	21.91	21.80	23.20
3	QPSK	8	4	21.72	21.78	21.70	23.20
3	QPSK	8	7	21.71	21.80	21.63	23.20
3	QPSK	15	0	21.66	21.76	21.59	23.20
3	16QAM	1	0	21.69	21.78	21.68	23.20
3	16QAM	1	8	21.68	21.54	21.68	23.20
3	16QAM	1	14	21.71	21.67	21.55	23.20
3	16QAM	8	0	21.85	21.69	21.67	23.20
3	16QAM	8	4	21.86	21.74	21.89	23.20
3	16QAM	8	7	21.74	21.77	21.89	23.20
3	16QAM	15	0	21.65	21.83	21.85	23.20
3	64QAM	1	0	21.79	21.71	21.75	23.20
3	64QAM	1	8	21.78	21.79	21.89	23.20
3	64QAM	1	14	21.76	21.91	21.92	23.20
3	64QAM	8	0	21.46	21.58	21.42	22.70
3	64QAM	8	4	21.42	21.50	21.42	22.70
3	64QAM	8	7	21.38	21.47	21.36	22.70
3	64QAM	15	0	21.42	21.56	21.46	22.70
3	256QAM	1	0	19.50	19.65	19.52	20.70
3	256QAM	1	8	19.38	19.47	19.50	20.70
3	256QAM	1	14	19.37	19.56	19.50	20.70
3	256QAM	8	0	19.38	19.51	19.54	20.70
3	256QAM	8	4	19.25	19.54	19.46	20.70
3	256QAM	8	7	19.29	19.38	19.22	20.70
3	256QAM	15	0	19.33	19.57	19.40	20.70
Channel				23017	23095	23173	Tune-up limit
Frequency (MHz)				699.7	707.5	715.3	(dBm)
1.4	QPSK	1	0	22.02	21.99	21.88	23.20
1.4	QPSK	1	3	21.83	21.88	21.74	23.20
1.4	QPSK	1	5	21.91	21.79	21.82	23.20
1.4	QPSK	3	0	21.84	21.92	21.83	23.20
1.4	QPSK	3	1	21.70	21.79	21.71	23.20
1.4	QPSK	3	3	21.65	21.83	21.64	23.20
1.4	QPSK	6	0	21.66	21.74	21.64	23.20

1.4	16QAM	1	0	21.61	21.69	21.79	23.20
1.4	16QAM	1	3	21.66	21.64	21.72	23.20
1.4	16QAM	1	5	21.62	21.58	21.67	23.20
1.4	16QAM	3	0	21.84	21.75	21.73	23.20
1.4	16QAM	3	1	21.89	21.83	22.02	23.20
1.4	16QAM	3	3	21.78	21.76	21.85	23.20
1.4	16QAM	6	0	21.66	21.81	21.86	23.20
1.4	64QAM	1	0	21.82	21.72	21.83	23.20
1.4	64QAM	1	3	21.85	21.78	21.83	23.20
1.4	64QAM	1	5	21.79	21.86	21.87	23.20
1.4	64QAM	3	0	21.95	22.13	22.01	23.20
1.4	64QAM	3	1	21.83	22.12	21.93	23.20
1.4	64QAM	3	3	21.82	21.95	21.82	23.20
1.4	64QAM	6	0	21.35	21.58	21.56	22.70
1.4	256QAM	1	0	19.39	19.65	19.61	20.70
1.4	256QAM	1	3	19.30	19.57	19.47	20.70
1.4	256QAM	1	5	19.36	19.47	19.44	20.70
1.4	256QAM	3	0	19.28	19.58	19.44	20.70
1.4	256QAM	3	1	19.27	19.43	19.35	20.70
1.4	256QAM	3	3	19.28	19.46	19.25	20.70
1.4	256QAM	6	0	19.29	19.47	19.39	20.70

【LTE Band 12_Ant 1_DSI4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23060	23095	23130	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	22.07	22.07	21.90	23.20
10	QPSK	1	25	21.92	21.93	21.79	23.20
10	QPSK	1	49	21.95	21.91	21.85	23.20
10	QPSK	25	0	21.94	21.95	21.89	23.20
10	QPSK	25	12	21.80	21.85	21.82	23.20
10	QPSK	25	25	21.74	21.87	21.74	23.20
10	QPSK	50	0	21.72	21.80	21.72	23.20
10	16QAM	1	0	21.74	21.82	21.81	23.20
10	16QAM	1	25	21.71	21.68	21.80	23.20
10	16QAM	1	49	21.76	21.72	21.70	23.20
10	16QAM	25	0	21.91	21.79	21.82	23.20
10	16QAM	25	12	21.95	21.88	22.03	23.20
10	16QAM	25	25	21.89	21.79	21.93	23.20
10	16QAM	50	0	21.73	21.93	21.95	23.20
10	64QAM	1	0	21.90	21.80	21.87	23.20
10	64QAM	1	25	21.88	21.89	21.96	23.20
10	64QAM	1	49	21.81	21.94	21.97	23.20
10	64QAM	25	0	21.58	21.73	21.55	22.70
10	64QAM	25	12	21.45	21.64	21.47	22.70
10	64QAM	25	25	21.41	21.58	21.45	22.70
10	64QAM	50	0	21.44	21.70	21.59	22.70
10	256QAM	1	0	19.52	19.76	19.62	20.70
10	256QAM	1	25	19.43	19.60	19.52	20.70
10	256QAM	1	49	19.38	19.61	19.52	20.70
10	256QAM	25	0	19.39	19.64	19.59	20.70
10	256QAM	25	12	19.40	19.58	19.50	20.70
10	256QAM	25	25	19.36	19.51	19.34	20.70
10	256QAM	50	0	19.36	19.60	19.48	20.70
Channel				23035	23095	23115	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	22.06	22.03	21.88	23.20
5	QPSK	1	12	21.87	21.89	21.77	23.20
5	QPSK	1	24	21.90	21.80	21.74	23.20
5	QPSK	12	0	21.92	21.90	21.87	23.20
5	QPSK	12	7	21.72	21.77	21.72	23.20
5	QPSK	12	13	21.68	21.81	21.67	23.20
5	QPSK	25	0	21.70	21.67	21.59	23.20
5	16QAM	1	0	21.69	21.77	21.80	23.20
5	16QAM	1	12	21.65	21.56	21.68	23.20
5	16QAM	1	24	21.69	21.70	21.59	23.20
5	16QAM	12	0	21.89	21.69	21.79	23.20
5	16QAM	12	7	21.86	21.83	21.96	23.20
5	16QAM	12	13	21.86	21.71	21.84	23.20
5	16QAM	25	0	21.65	21.92	21.87	23.20
5	64QAM	1	0	21.88	21.74	21.73	23.20

5	64QAM	1	12	21.83	21.86	21.89	23.20
5	64QAM	1	24	21.67	21.84	21.89	23.20
5	64QAM	12	0	21.45	21.68	21.41	22.70
5	64QAM	12	7	21.32	21.58	21.33	22.70
5	64QAM	12	13	21.28	21.54	21.43	22.70
5	64QAM	25	0	21.31	21.64	21.57	22.70
5	256QAM	1	0	19.47	19.73	19.55	20.70
5	256QAM	1	12	19.38	19.45	19.50	20.70
5	256QAM	1	24	19.36	19.54	19.38	20.70
5	256QAM	12	0	19.33	19.51	19.53	20.70
5	256QAM	12	7	19.33	19.56	19.39	20.70
5	256QAM	12	13	19.28	19.49	19.23	20.70
5	256QAM	25	0	19.30	19.49	19.36	20.70
Channel				23025	23095	23165	Tune-up limit
Frequency (MHz)				700.5	707.5	714.5	(dBm)
3	QPSK	1	0	21.96	21.93	21.78	23.20
3	QPSK	1	8	21.82	21.90	21.65	23.20
3	QPSK	1	14	21.88	21.81	21.77	23.20
3	QPSK	8	0	21.79	21.91	21.80	23.20
3	QPSK	8	4	21.72	21.78	21.70	23.20
3	QPSK	8	7	21.71	21.80	21.63	23.20
3	QPSK	15	0	21.66	21.76	21.59	23.20
3	16QAM	1	0	21.69	21.78	21.68	23.20
3	16QAM	1	8	21.68	21.54	21.68	23.20
3	16QAM	1	14	21.71	21.67	21.55	23.20
3	16QAM	8	0	21.85	21.69	21.67	23.20
3	16QAM	8	4	21.86	21.74	21.89	23.20
3	16QAM	8	7	21.74	21.77	21.89	23.20
3	16QAM	15	0	21.65	21.83	21.85	23.20
3	64QAM	1	0	21.79	21.71	21.75	23.20
3	64QAM	1	8	21.78	21.79	21.89	23.20
3	64QAM	1	14	21.76	21.91	21.92	23.20
3	64QAM	8	0	21.46	21.58	21.42	22.70
3	64QAM	8	4	21.42	21.50	21.42	22.70
3	64QAM	8	7	21.38	21.47	21.36	22.70
3	64QAM	15	0	21.42	21.56	21.46	22.70
3	256QAM	1	0	19.50	19.65	19.52	20.70
3	256QAM	1	8	19.38	19.47	19.50	20.70
3	256QAM	1	14	19.37	19.56	19.50	20.70
3	256QAM	8	0	19.38	19.51	19.54	20.70
3	256QAM	8	4	19.25	19.54	19.46	20.70
3	256QAM	8	7	19.29	19.38	19.22	20.70
3	256QAM	15	0	19.33	19.57	19.40	20.70
Channel				23017	23095	23173	Tune-up limit
Frequency (MHz)				699.7	707.5	715.3	(dBm)
1.4	QPSK	1	0	22.02	21.99	21.88	23.20
1.4	QPSK	1	3	21.83	21.88	21.74	23.20
1.4	QPSK	1	5	21.91	21.79	21.82	23.20
1.4	QPSK	3	0	21.84	21.92	21.83	23.20
1.4	QPSK	3	1	21.70	21.79	21.71	23.20
1.4	QPSK	3	3	21.65	21.83	21.64	23.20
1.4	QPSK	6	0	21.66	21.74	21.64	23.20
1.4	16QAM	1	0	21.61	21.69	21.79	23.20
1.4	16QAM	1	3	21.66	21.64	21.72	23.20
1.4	16QAM	1	5	21.62	21.58	21.67	23.20
1.4	16QAM	3	0	21.84	21.75	21.73	23.20
1.4	16QAM	3	1	21.89	21.83	22.02	23.20
1.4	16QAM	3	3	21.78	21.76	21.85	23.20
1.4	16QAM	6	0	21.66	21.81	21.86	23.20
1.4	64QAM	1	0	21.82	21.72	21.83	23.20
1.4	64QAM	1	3	21.85	21.78	21.83	23.20
1.4	64QAM	1	5	21.79	21.86	21.87	23.20
1.4	64QAM	3	0	21.95	22.13	22.01	23.20
1.4	64QAM	3	1	21.83	22.12	21.93	23.20
1.4	64QAM	3	3	21.82	21.95	21.82	23.20
1.4	64QAM	6	0	21.35	21.58	21.56	22.70
1.4	256QAM	1	0	19.39	19.65	19.61	20.70
1.4	256QAM	1	3	19.30	19.57	19.47	20.70
1.4	256QAM	1	5	19.36	19.47	19.44	20.70
1.4	256QAM	3	0	19.28	19.58	19.44	20.70
1.4	256QAM	3	1	19.27	19.43	19.35	20.70
1.4	256QAM	3	3	19.28	19.46	19.25	20.70
1.4	256QAM	6	0	19.29	19.47	19.39	20.70

【LTE Band 12_Ant 1_DSI5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23060	23095	23130	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	21.45	21.55	21.44	22.70
10	QPSK	1	25	21.33	21.52	21.41	22.70
10	QPSK	1	49	21.43	21.49	21.35	22.70
10	QPSK	25	0	21.44	21.48	21.33	22.70
10	QPSK	25	12	21.29	21.40	21.29	22.70
10	QPSK	25	25	21.30	21.42	21.22	22.70
10	QPSK	50	0	21.20	21.39	21.15	22.70
10	16QAM	1	0	21.24	21.24	21.40	22.70
10	16QAM	1	25	21.25	21.26	21.36	22.70
10	16QAM	1	49	21.26	21.31	21.32	22.70
10	16QAM	25	0	21.32	21.32	21.39	22.70
10	16QAM	25	12	21.46	21.40	21.48	22.70
10	16QAM	25	25	21.33	21.28	21.46	22.70
10	16QAM	50	0	21.24	21.54	21.47	22.70
10	64QAM	1	0	21.39	21.31	21.35	22.70
10	64QAM	1	25	21.29	21.30	21.48	22.70
10	64QAM	1	49	21.40	21.46	21.40	22.70
10	64QAM	25	0	21.34	21.40	21.39	22.70
10	64QAM	25	12	21.25	21.39	21.38	22.70
10	64QAM	25	25	21.30	21.40	21.48	22.70
10	64QAM	50	0	21.33	21.49	21.44	22.70
10	256QAM	1	0	19.52	19.76	19.62	20.70
10	256QAM	1	25	19.43	19.60	19.52	20.70
10	256QAM	1	49	19.38	19.61	19.52	20.70
10	256QAM	25	0	19.39	19.64	19.59	20.70
10	256QAM	25	12	19.40	19.58	19.50	20.70
10	256QAM	25	25	19.36	19.51	19.34	20.70
10	256QAM	50	0	19.36	19.60	19.48	20.70
Channel				23035	23095	23115	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	21.36	21.49	21.35	22.70
5	QPSK	1	12	21.25	21.39	21.35	22.70
5	QPSK	1	24	21.42	21.43	21.31	22.70
5	QPSK	12	0	21.38	21.46	21.25	22.70
5	QPSK	12	7	21.28	21.39	21.19	22.70
5	QPSK	12	13	21.22	21.41	21.09	22.70
5	QPSK	25	0	21.06	21.32	21.10	22.70
5	16QAM	1	0	21.22	21.19	21.26	22.70
5	16QAM	1	12	21.21	21.21	21.31	22.70
5	16QAM	1	24	21.16	21.17	21.23	22.70
5	16QAM	12	0	21.31	21.21	21.30	22.70
5	16QAM	12	7	21.42	21.29	21.33	22.70
5	16QAM	12	13	21.32	21.16	21.38	22.70
5	16QAM	25	0	21.10	21.49	21.39	22.70
5	64QAM	1	0	21.31	21.22	21.24	22.70
5	64QAM	1	12	21.15	21.16	21.45	22.70
5	64QAM	1	24	21.37	21.41	21.39	22.70
5	64QAM	12	0	21.29	21.28	21.28	22.70
5	64QAM	12	7	21.16	21.31	21.30	22.70
5	64QAM	12	13	21.22	21.26	21.43	22.70
5	64QAM	25	0	21.23	21.39	21.33	22.70
5	256QAM	1	0	19.51	19.63	19.51	20.70
5	256QAM	1	12	19.34	19.51	19.43	20.70
5	256QAM	1	24	19.32	19.49	19.46	20.70
5	256QAM	12	0	19.36	19.58	19.55	20.70
5	256QAM	12	7	19.30	19.43	19.40	20.70
5	256QAM	12	13	19.31	19.38	19.30	20.70
5	256QAM	25	0	19.31	19.46	19.41	20.70
Channel				23025	23095	23165	Tune-up limit (dBm)
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	21.32	21.46	21.39	22.70
3	QPSK	1	8	21.20	21.39	21.37	22.70
3	QPSK	1	14	21.40	21.34	21.26	22.70
3	QPSK	8	0	21.41	21.37	21.25	22.70
3	QPSK	8	4	21.24	21.35	21.22	22.70
3	QPSK	8	7	21.16	21.29	21.10	22.70
3	QPSK	15	0	21.14	21.36	21.05	22.70
3	16QAM	1	0	21.13	21.16	21.35	22.70
3	16QAM	1	8	21.23	21.11	21.27	22.70
3	16QAM	1	14	21.20	21.29	21.30	22.70
3	16QAM	8	0	21.29	21.25	21.28	22.70

3	16QAM	8	4	21.32	21.38	21.42	22.70
3	16QAM	8	7	21.31	21.19	21.35	22.70
3	16QAM	15	0	21.11	21.42	21.36	22.70
3	64QAM	1	0	21.27	21.25	21.32	22.70
3	64QAM	1	8	21.23	21.15	21.37	22.70
3	64QAM	1	14	21.27	21.40	21.35	22.70
3	64QAM	8	0	21.25	21.27	21.30	22.70
3	64QAM	8	4	21.23	21.28	21.32	22.70
3	64QAM	8	7	21.17	21.25	21.47	22.70
3	64QAM	15	0	21.31	21.39	21.42	22.70
3	256QAM	1	0	19.50	19.69	19.50	20.70
3	256QAM	1	8	19.35	19.49	19.37	20.70
3	256QAM	1	14	19.28	19.57	19.38	20.70
3	256QAM	8	0	19.35	19.55	19.56	20.70
3	256QAM	8	4	19.27	19.55	19.41	20.70
3	256QAM	8	7	19.28	19.47	19.27	20.70
3	256QAM	15	0	19.33	19.52	19.42	20.70
Channel				23017	23095	23173	Tune-up limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	21.39	21.41	21.31	22.70
1.4	QPSK	1	3	21.21	21.49	21.26	22.70
1.4	QPSK	1	5	21.34	21.48	21.23	22.70
1.4	QPSK	3	0	21.33	21.47	21.22	22.70
1.4	QPSK	3	1	21.15	21.29	21.24	22.70
1.4	QPSK	3	3	21.17	21.35	21.08	22.70
1.4	QPSK	6	0	21.06	21.37	21.14	22.70
1.4	16QAM	1	0	21.21	21.16	21.32	22.70
1.4	16QAM	1	3	21.23	21.17	21.35	22.70
1.4	16QAM	1	5	21.24	21.28	21.21	22.70
1.4	16QAM	3	0	21.28	21.21	21.27	22.70
1.4	16QAM	3	1	21.36	21.29	21.45	22.70
1.4	16QAM	3	3	21.21	21.13	21.37	22.70
1.4	16QAM	6	0	21.20	21.45	21.34	22.70
1.4	64QAM	1	0	21.28	21.16	21.30	22.70
1.4	64QAM	1	3	21.18	21.29	21.37	22.70
1.4	64QAM	1	5	21.32	21.40	21.34	22.70
1.4	64QAM	3	0	21.30	21.28	21.37	22.70
1.4	64QAM	3	1	21.11	21.31	21.24	22.70
1.4	64QAM	3	3	21.25	21.33	21.36	22.70
1.4	64QAM	6	0	21.20	21.37	21.36	22.70
1.4	256QAM	1	0	19.48	19.72	19.58	20.70
1.4	256QAM	1	3	19.41	19.49	19.37	20.70
1.4	256QAM	1	5	19.35	19.56	19.50	20.70
1.4	256QAM	3	0	19.29	19.61	19.50	20.70
1.4	256QAM	3	1	19.35	19.53	19.41	20.70
1.4	256QAM	3	3	19.24	19.44	19.26	20.70
1.4	256QAM	6	0	19.26	19.47	19.36	20.70

【LTE Band 13_Ant 0_Default】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		25.05		25.70
10	QPSK	1	25		24.94		25.70
10	QPSK	1	49		24.98		25.70
10	QPSK	25	0		24.08		24.70
10	QPSK	25	12		23.93		24.70
10	QPSK	25	25		23.94		24.70
10	QPSK	50	0		24.14		24.70
10	16QAM	1	0		24.07		24.70
10	16QAM	1	25		24.03		24.70
10	16QAM	1	49		24.08		24.70
10	16QAM	25	0		23.07		23.70
10	16QAM	25	12		22.96		23.70
10	16QAM	25	25		22.92		23.70
10	16QAM	50	0		23.15		23.70
10	64QAM	1	0		23.13		23.70
10	64QAM	1	25		23.00		23.70
10	64QAM	1	49		23.02		23.70
10	64QAM	25	0		22.09		22.70
10	64QAM	25	12		21.96		22.70

10	64QAM	25	25		22.00		22.70
10	64QAM	50	0		22.14		22.70
10	256QAM	1	0		20.32		20.70
10	256QAM	1	25		20.27		20.70
10	256QAM	1	49		20.20		20.70
10	256QAM	25	0		20.02		20.70
10	256QAM	25	12		19.90		20.70
10	256QAM	25	25		19.96		20.70
10	256QAM	50	0		20.14		20.70
Channel				23205	23230	23255	Tune-up limit
Frequency (MHz)				779.5	782	784.5	(dBm)
5	QPSK	1	0	24.87	24.93	24.88	25.70
5	QPSK	1	12	24.65	24.86	24.76	25.70
5	QPSK	1	24	24.75	24.88	24.68	25.70
5	QPSK	12	0	23.81	23.94	23.86	24.70
5	QPSK	12	7	23.63	23.82	23.68	24.70
5	QPSK	12	13	23.70	23.87	23.75	24.70
5	QPSK	25	0	23.90	24.06	23.97	24.70
5	16QAM	1	0	23.90	23.97	23.78	24.70
5	16QAM	1	12	23.76	23.89	23.74	24.70
5	16QAM	1	24	23.83	23.98	23.90	24.70
5	16QAM	12	0	22.80	22.94	22.86	23.70
5	16QAM	12	7	22.66	22.84	22.66	23.70
5	16QAM	12	13	22.62	22.82	22.65	23.70
5	16QAM	25	0	22.92	23.09	22.94	23.70
5	64QAM	1	0	22.86	23.00	22.86	23.70
5	64QAM	1	12	22.89	22.96	22.86	23.70
5	64QAM	1	24	22.73	22.89	22.73	23.70
5	64QAM	12	0	21.80	22.00	21.84	22.70
5	64QAM	12	7	21.74	21.83	21.68	22.70
5	64QAM	12	13	21.83	21.96	21.84	22.70
5	64QAM	25	0	21.99	22.06	21.92	22.70
5	256QAM	1	0	20.13	20.26	20.20	20.70
5	256QAM	1	12	19.99	20.19	20.12	20.70
5	256QAM	1	24	19.93	20.05	19.94	20.70
5	256QAM	12	0	19.92	19.98	19.86	20.70
5	256QAM	12	7	19.73	19.83	19.75	20.70
5	256QAM	12	13	19.76	19.90	19.85	20.70
5	256QAM	25	0	19.95	20.01	19.91	20.70

【LTE Band 13_Ant 0_DSI1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		25.05		25.70
10	QPSK	1	25		24.94		25.70
10	QPSK	1	49		24.98		25.70
10	QPSK	25	0		24.08		24.70
10	QPSK	25	12		23.93		24.70
10	QPSK	25	25		23.94		24.70
10	QPSK	50	0		24.14		24.70
10	16QAM	1	0		24.07		24.70
10	16QAM	1	25		24.03		24.70
10	16QAM	1	49		24.08		24.70
10	16QAM	25	0		23.07		23.70
10	16QAM	25	12		22.96		23.70
10	16QAM	25	25		22.92		23.70
10	16QAM	50	0		23.15		23.70
10	64QAM	1	0		23.13		23.70
10	64QAM	1	25		23.00		23.70
10	64QAM	1	49		23.02		23.70
10	64QAM	25	0		22.09		22.70
10	64QAM	25	12		21.96		22.70
10	64QAM	25	25		22.00		22.70
10	64QAM	50	0		22.14		22.70
10	256QAM	1	0		20.32		20.70
10	256QAM	1	25		20.27		20.70
10	256QAM	1	49		20.20		20.70
10	256QAM	25	0		20.02		20.70
10	256QAM	25	12		19.90		20.70
10	256QAM	25	25		19.96		20.70

10	256QAM	50	0		20.14		20.70
Channel				23205	23230	23255	Tune-up limit
Frequency (MHz)				779.5	782	784.5	(dBm)
5	QPSK	1	0	24.87	24.93	24.88	25.70
5	QPSK	1	12	24.65	24.86	24.76	25.70
5	QPSK	1	24	24.75	24.88	24.68	25.70
5	QPSK	12	0	23.81	23.94	23.86	24.70
5	QPSK	12	7	23.63	23.82	23.68	24.70
5	QPSK	12	13	23.70	23.87	23.75	24.70
5	QPSK	25	0	23.90	24.06	23.97	24.70
5	16QAM	1	0	23.90	23.97	23.78	24.70
5	16QAM	1	12	23.76	23.89	23.74	24.70
5	16QAM	1	24	23.83	23.98	23.90	24.70
5	16QAM	12	0	22.80	22.94	22.86	23.70
5	16QAM	12	7	22.66	22.84	22.66	23.70
5	16QAM	12	13	22.62	22.82	22.65	23.70
5	16QAM	25	0	22.92	23.09	22.94	23.70
5	64QAM	1	0	22.86	23.00	22.86	23.70
5	64QAM	1	12	22.89	22.96	22.86	23.70
5	64QAM	1	24	22.73	22.89	22.73	23.70
5	64QAM	12	0	21.80	22.00	21.84	22.70
5	64QAM	12	7	21.74	21.83	21.68	22.70
5	64QAM	12	13	21.83	21.96	21.84	22.70
5	64QAM	25	0	21.99	22.06	21.92	22.70
5	256QAM	1	0	20.13	20.26	20.20	20.70
5	256QAM	1	12	19.99	20.19	20.12	20.70
5	256QAM	1	24	19.93	20.05	19.94	20.70
5	256QAM	12	0	19.92	19.98	19.86	20.70
5	256QAM	12	7	19.73	19.83	19.75	20.70
5	256QAM	12	13	19.76	19.90	19.85	20.70
5	256QAM	25	0	19.95	20.01	19.91	20.70

【LTE Band 13_Ant 0_DS13】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		25.05		25.70
10	QPSK	1	25		24.94		25.70
10	QPSK	1	49		24.98		25.70
10	QPSK	25	0		24.08		24.70
10	QPSK	25	12		23.93		24.70
10	QPSK	25	25		23.94		24.70
10	QPSK	50	0		24.14		24.70
10	16QAM	1	0		24.07		24.70
10	16QAM	1	25		24.03		24.70
10	16QAM	1	49		24.08		24.70
10	16QAM	25	0		23.07		23.70
10	16QAM	25	12		22.96		23.70
10	16QAM	25	25		22.92		23.70
10	16QAM	50	0		23.15		23.70
10	64QAM	1	0		23.13		23.70
10	64QAM	1	25		23.00		23.70
10	64QAM	1	49		23.02		23.70
10	64QAM	25	0		22.09		22.70
10	64QAM	25	12		21.96		22.70
10	64QAM	25	25		22.00		22.70
10	64QAM	50	0		22.14		22.70
10	256QAM	1	0		20.32		20.70
10	256QAM	1	25		20.27		20.70
10	256QAM	1	49		20.20		20.70
10	256QAM	25	0		20.02		20.70
10	256QAM	25	12		19.90		20.70
10	256QAM	25	25		19.96		20.70
10	256QAM	50	0		20.14		20.70
Channel				23205	23230	23255	Tune-up limit
Frequency (MHz)				779.5	782	784.5	(dBm)
5	QPSK	1	0	24.87	24.93	24.88	25.70
5	QPSK	1	12	24.65	24.86	24.76	25.70
5	QPSK	1	24	24.75	24.88	24.68	25.70
5	QPSK	12	0	23.81	23.94	23.86	24.70
5	QPSK	12	7	23.63	23.82	23.68	24.70

5	QPSK	12	13	23.70	23.87	23.75	24.70
5	QPSK	25	0	23.90	24.06	23.97	24.70
5	16QAM	1	0	23.90	23.97	23.78	24.70
5	16QAM	1	12	23.76	23.89	23.74	24.70
5	16QAM	1	24	23.83	23.98	23.90	24.70
5	16QAM	12	0	22.80	22.94	22.86	23.70
5	16QAM	12	7	22.66	22.84	22.66	23.70
5	16QAM	12	13	22.62	22.82	22.65	23.70
5	16QAM	25	0	22.92	23.09	22.94	23.70
5	64QAM	1	0	22.86	23.00	22.86	23.70
5	64QAM	1	12	22.89	22.96	22.86	23.70
5	64QAM	1	24	22.73	22.89	22.73	23.70
5	64QAM	12	0	21.80	22.00	21.84	22.70
5	64QAM	12	7	21.74	21.83	21.68	22.70
5	64QAM	12	13	21.83	21.96	21.84	22.70
5	64QAM	25	0	21.99	22.06	21.92	22.70
5	256QAM	1	0	20.13	20.26	20.20	20.70
5	256QAM	1	12	19.99	20.19	20.12	20.70
5	256QAM	1	24	19.93	20.05	19.94	20.70
5	256QAM	12	0	19.92	19.98	19.86	20.70
5	256QAM	12	7	19.73	19.83	19.75	20.70
5	256QAM	12	13	19.76	19.90	19.85	20.70
5	256QAM	25	0	19.95	20.01	19.91	20.70

【LTE Band 13_Ant 0_DSI4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		25.05		25.70
10	QPSK	1	25		24.94		25.70
10	QPSK	1	49		24.98		25.70
10	QPSK	25	0		24.08		24.70
10	QPSK	25	12		23.93		24.70
10	QPSK	25	25		23.94		24.70
10	QPSK	50	0		24.14		24.70
10	16QAM	1	0		24.07		24.70
10	16QAM	1	25		24.03		24.70
10	16QAM	1	49		24.08		24.70
10	16QAM	25	0		23.07		23.70
10	16QAM	25	12		22.96		23.70
10	16QAM	25	25		22.92		23.70
10	16QAM	50	0		23.15		23.70
10	64QAM	1	0		23.13		23.70
10	64QAM	1	25		23.00		23.70
10	64QAM	1	49		23.02		23.70
10	64QAM	25	0		22.09		22.70
10	64QAM	25	12		21.96		22.70
10	64QAM	25	25		22.00		22.70
10	64QAM	50	0		22.14		22.70
10	256QAM	1	0		20.32		20.70
10	256QAM	1	25		20.27		20.70
10	256QAM	1	49		20.20		20.70
10	256QAM	25	0		20.02		20.70
10	256QAM	25	12		19.90		20.70
10	256QAM	25	25		19.96		20.70
10	256QAM	50	0		20.14		20.70
Channel				23205	23230	23255	Tune-up limit
Frequency (MHz)				779.5	782	784.5	(dBm)
5	QPSK	1	0	24.87	24.93	24.88	25.70
5	QPSK	1	12	24.65	24.86	24.76	25.70
5	QPSK	1	24	24.75	24.88	24.68	25.70
5	QPSK	12	0	23.81	23.94	23.86	24.70
5	QPSK	12	7	23.63	23.82	23.68	24.70
5	QPSK	12	13	23.70	23.87	23.75	24.70
5	QPSK	25	0	23.90	24.06	23.97	24.70
5	16QAM	1	0	23.90	23.97	23.78	24.70
5	16QAM	1	12	23.76	23.89	23.74	24.70
5	16QAM	1	24	23.83	23.98	23.90	24.70
5	16QAM	12	0	22.80	22.94	22.86	23.70
5	16QAM	12	7	22.66	22.84	22.66	23.70
5	16QAM	12	13	22.62	22.82	22.65	23.70

5	16QAM	25	0	22.92	23.09	22.94	23.70
5	64QAM	1	0	22.86	23.00	22.86	23.70
5	64QAM	1	12	22.89	22.96	22.86	23.70
5	64QAM	1	24	22.73	22.89	22.73	23.70
5	64QAM	12	0	21.80	22.00	21.84	22.70
5	64QAM	12	7	21.74	21.83	21.68	22.70
5	64QAM	12	13	21.83	21.96	21.84	22.70
5	64QAM	25	0	21.99	22.06	21.92	22.70
5	256QAM	1	0	20.13	20.26	20.20	20.70
5	256QAM	1	12	19.99	20.19	20.12	20.70
5	256QAM	1	24	19.93	20.05	19.94	20.70
5	256QAM	12	0	19.92	19.98	19.86	20.70
5	256QAM	12	7	19.73	19.83	19.75	20.70
5	256QAM	12	13	19.76	19.90	19.85	20.70
5	256QAM	25	0	19.95	20.01	19.91	20.70

【LTE Band 13_Ant 0_DSI5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		25.05		25.70
10	QPSK	1	25		24.94		25.70
10	QPSK	1	49		24.98		25.70
10	QPSK	25	0		24.08		24.70
10	QPSK	25	12		23.93		24.70
10	QPSK	25	25		23.94		24.70
10	QPSK	50	0		24.14		24.70
10	16QAM	1	0		24.07		24.70
10	16QAM	1	25		24.03		24.70
10	16QAM	1	49		24.08		24.70
10	16QAM	25	0		23.07		23.70
10	16QAM	25	12		22.96		23.70
10	16QAM	25	25		22.92		23.70
10	16QAM	50	0		23.15		23.70
10	64QAM	1	0		23.13		23.70
10	64QAM	1	25		23.00		23.70
10	64QAM	1	49		23.02		23.70
10	64QAM	25	0		22.09		22.70
10	64QAM	25	12		21.96		22.70
10	64QAM	25	25		22.00		22.70
10	64QAM	50	0		22.14		22.70
10	256QAM	1	0		20.32		20.70
10	256QAM	1	25		20.27		20.70
10	256QAM	1	49		20.20		20.70
10	256QAM	25	0		20.02		20.70
10	256QAM	25	12		19.90		20.70
10	256QAM	25	25		19.96		20.70
10	256QAM	50	0		20.14		20.70
Channel				23205	23230	23255	
Frequency (MHz)				779.5	782	784.5	Tune-up limit (dBm)
5	QPSK	1	0	24.87	24.93	24.88	25.70
5	QPSK	1	12	24.65	24.86	24.76	25.70
5	QPSK	1	24	24.75	24.88	24.68	25.70
5	QPSK	12	0	23.81	23.94	23.86	24.70
5	QPSK	12	7	23.63	23.82	23.68	24.70
5	QPSK	12	13	23.70	23.87	23.75	24.70
5	QPSK	25	0	23.90	24.06	23.97	24.70
5	16QAM	1	0	23.90	23.97	23.78	24.70
5	16QAM	1	12	23.76	23.89	23.74	24.70
5	16QAM	1	24	23.83	23.98	23.90	24.70
5	16QAM	12	0	22.80	22.94	22.86	23.70
5	16QAM	12	7	22.66	22.84	22.66	23.70
5	16QAM	12	13	22.62	22.82	22.65	23.70
5	16QAM	25	0	22.92	23.09	22.94	23.70
5	64QAM	1	0	22.86	23.00	22.86	23.70
5	64QAM	1	12	22.89	22.96	22.86	23.70
5	64QAM	1	24	22.73	22.89	22.73	23.70
5	64QAM	12	0	21.80	22.00	21.84	22.70
5	64QAM	12	7	21.74	21.83	21.68	22.70
5	64QAM	12	13	21.83	21.96	21.84	22.70
5	64QAM	25	0	21.99	22.06	21.92	22.70

5	256QAM	1	0	20.13	20.26	20.20	20.70
5	256QAM	1	12	19.99	20.19	20.12	20.70
5	256QAM	1	24	19.93	20.05	19.94	20.70
5	256QAM	12	0	19.92	19.98	19.86	20.70
5	256QAM	12	7	19.73	19.83	19.75	20.70
5	256QAM	12	13	19.76	19.90	19.85	20.70
5	256QAM	25	0	19.95	20.01	19.91	20.70

【LTE Band 13_Ant 1_Default】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		24.72		25.70
10	QPSK	1	25		24.66		25.70
10	QPSK	1	49		24.68		25.70
10	QPSK	25	0		23.78		24.70
10	QPSK	25	12		23.69		24.70
10	QPSK	25	25		23.72		24.70
10	QPSK	50	0		23.81		24.70
10	16QAM	1	0		23.95		24.70
10	16QAM	1	25		23.89		24.70
10	16QAM	1	49		23.84		24.70
10	16QAM	25	0		22.79		23.70
10	16QAM	25	12		22.67		23.70
10	16QAM	25	25		22.76		23.70
10	16QAM	50	0		22.76		23.70
10	64QAM	1	0		23.11		23.70
10	64QAM	1	25		22.99		23.70
10	64QAM	1	49		23.02		23.70
10	64QAM	25	0		21.75		22.70
10	64QAM	25	12		21.71		22.70
10	64QAM	25	25		21.60		22.70
10	64QAM	50	0		21.83		22.70
10	256QAM	1	0		19.86		20.70
10	256QAM	1	25		19.77		20.70
10	256QAM	1	49		19.79		20.70
10	256QAM	25	0		19.75		20.70
10	256QAM	25	12		19.69		20.70
10	256QAM	25	25		19.61		20.70
10	256QAM	50	0		19.81		20.70
Channel				23205	23230	23255	Tune-up limit
Frequency (MHz)				779.5	782	784.5	(dBm)
5	QPSK	1	0	24.71	24.70	24.68	25.70
5	QPSK	1	12	24.50	24.64	24.53	25.70
5	QPSK	1	24	24.48	24.59	24.50	25.70
5	QPSK	12	0	23.59	23.70	23.55	24.70
5	QPSK	12	7	23.56	23.67	23.61	24.70
5	QPSK	12	13	23.66	23.66	23.54	24.70
5	QPSK	25	0	23.75	23.79	23.73	24.70
5	16QAM	1	0	23.91	23.97	23.93	24.70
5	16QAM	1	12	23.84	23.85	23.71	24.70
5	16QAM	1	24	23.72	23.84	23.67	24.70
5	16QAM	12	0	22.70	22.81	22.75	23.70
5	16QAM	12	7	22.57	22.66	22.59	23.70
5	16QAM	12	13	22.75	22.77	22.66	23.70
5	16QAM	25	0	22.54	22.68	22.63	23.70
5	64QAM	1	0	23.03	23.06	22.97	23.70
5	64QAM	1	12	22.86	22.96	22.88	23.70
5	64QAM	1	24	22.93	22.95	22.90	23.70
5	64QAM	12	0	21.61	21.70	21.57	22.70
5	64QAM	12	7	21.64	21.73	21.69	22.70
5	64QAM	12	13	21.44	21.53	21.37	22.70
5	64QAM	25	0	21.68	21.76	21.69	22.70
5	256QAM	1	0	19.71	19.77	19.63	20.70
5	256QAM	1	12	19.71	19.79	19.72	20.70
5	256QAM	1	24	19.70	19.81	19.72	20.70
5	256QAM	12	0	19.59	19.69	19.63	20.70
5	256QAM	12	7	19.54	19.64	19.48	20.70
5	256QAM	12	13	19.53	19.54	19.44	20.70
5	256QAM	25	0	19.64	19.76	19.62	20.70

【LTE Band 13_Ant 1_DSI1】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		21.06		22.20
10	QPSK	1	25		21.04		22.20
10	QPSK	1	49		20.93		22.20
10	QPSK	25	0		21.04		22.20
10	QPSK	25	12		20.89		22.20
10	QPSK	25	25		20.84		22.20
10	QPSK	50	0		20.78		22.20
10	16QAM	1	0		20.88		22.20
10	16QAM	1	25		20.74		22.20
10	16QAM	1	49		20.68		22.20
10	16QAM	25	0		20.85		22.20
10	16QAM	25	12		20.81		22.20
10	16QAM	25	25		20.86		22.20
10	16QAM	50	0		20.91		22.20
10	64QAM	1	0		20.80		22.20
10	64QAM	1	25		20.87		22.20
10	64QAM	1	49		21.02		22.20
10	64QAM	25	0		20.97		22.20
10	64QAM	25	12		20.89		22.20
10	64QAM	25	25		20.94		22.20
10	64QAM	50	0		20.97		22.20
10	256QAM	1	0		19.86		20.70
10	256QAM	1	25		19.77		20.70
10	256QAM	1	49		19.79		20.70
10	256QAM	25	0		19.75		20.70
10	256QAM	25	12		19.69		20.70
10	256QAM	25	25		19.61		20.70
10	256QAM	50	0		19.81		20.70
Channel				23205	23230	23255	Tune-up limit
Frequency (MHz)				779.5	782	784.5	(dBm)
5	QPSK	1	0	21.00	21.03	20.98	22.20
5	QPSK	1	12	20.85	21.02	20.92	22.20
5	QPSK	1	24	20.66	20.77	20.65	22.20
5	QPSK	12	0	20.72	20.89	20.75	22.20
5	QPSK	12	7	20.66	20.82	20.74	22.20
5	QPSK	12	13	20.63	20.68	20.59	22.20
5	QPSK	25	0	20.58	20.73	20.57	22.20
5	16QAM	1	0	20.64	20.69	20.58	22.20
5	16QAM	1	12	20.61	20.65	20.56	22.20
5	16QAM	1	24	20.37	20.51	20.40	22.20
5	16QAM	12	0	20.66	20.81	20.65	22.20
5	16QAM	12	7	20.60	20.70	20.55	22.20
5	16QAM	12	13	20.67	20.78	20.62	22.20
5	16QAM	25	0	20.73	20.85	20.69	22.20
5	64QAM	1	0	20.67	20.76	20.63	22.20
5	64QAM	1	12	20.59	20.69	20.51	22.20
5	64QAM	1	24	20.87	20.91	20.80	22.20
5	64QAM	12	0	20.84	20.91	20.83	22.20
5	64QAM	12	7	20.65	20.80	20.69	22.20
5	64QAM	12	13	20.71	20.88	20.78	22.20
5	64QAM	25	0	20.68	20.83	20.74	22.20
5	256QAM	1	0	19.62	19.75	19.63	20.70
5	256QAM	1	12	19.69	19.73	19.59	20.70
5	256QAM	1	24	19.69	19.75	19.64	20.70
5	256QAM	12	0	19.65	19.69	19.51	20.70
5	256QAM	12	7	19.51	19.59	19.50	20.70
5	256QAM	12	13	19.36	19.48	19.32	20.70
5	256QAM	25	0	19.29	19.44	19.35	20.70

【LTE Band 13_Ant 1_DSI3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		21.59		22.70
10	QPSK	1	25		21.50		22.70
10	QPSK	1	49		21.48		22.70
10	QPSK	25	0		21.54		22.70
10	QPSK	25	12		21.38		22.70
10	QPSK	25	25		21.39		22.70
10	QPSK	50	0		21.33		22.70
10	16QAM	1	0		21.34		22.70
10	16QAM	1	25		21.35		22.70
10	16QAM	1	49		21.24		22.70
10	16QAM	25	0		21.36		22.70
10	16QAM	25	12		21.40		22.70
10	16QAM	25	25		21.39		22.70
10	16QAM	50	0		21.57		22.70
10	64QAM	1	0		21.34		22.70
10	64QAM	1	25		21.34		22.70
10	64QAM	1	49		21.47		22.70
10	64QAM	25	0		21.44		22.70
10	64QAM	25	12		21.38		22.70
10	64QAM	25	25		21.52		22.70
10	64QAM	50	0		21.40		22.70
10	256QAM	1	0		19.86		20.70
10	256QAM	1	25		19.77		20.70
10	256QAM	1	49		19.79		20.70
10	256QAM	25	0		19.75		20.70
10	256QAM	25	12		19.69		20.70
10	256QAM	25	25		19.61		20.70
10	256QAM	50	0		19.81		20.70
Channel				23205	23230	23255	Tune-up limit
Frequency (MHz)				779.5	782	784.5	(dBm)
5	QPSK	1	0	21.48	21.54	21.49	22.70
5	QPSK	1	12	21.40	21.44	21.30	22.70
5	QPSK	1	24	21.51	21.43	21.39	22.70
5	QPSK	12	0	21.37	21.49	21.39	22.70
5	QPSK	12	7	21.30	21.33	21.31	22.70
5	QPSK	12	13	21.37	21.34	21.22	22.70
5	QPSK	25	0	21.15	21.27	21.17	22.70
5	16QAM	1	0	21.32	21.28	21.44	22.70
5	16QAM	1	12	21.21	21.30	21.32	22.70
5	16QAM	1	24	21.22	21.19	21.26	22.70
5	16QAM	12	0	21.36	21.31	21.32	22.70
5	16QAM	12	7	21.46	21.34	21.41	22.70
5	16QAM	12	13	21.48	21.35	21.36	22.70
5	16QAM	25	0	21.35	21.52	21.38	22.70
5	64QAM	1	0	21.29	21.30	21.42	22.70
5	64QAM	1	12	21.28	21.29	21.49	22.70
5	64QAM	1	24	21.34	21.42	21.40	22.70
5	64QAM	12	0	21.44	21.40	21.28	22.70
5	64QAM	12	7	21.33	21.32	21.23	22.70
5	64QAM	12	13	21.27	21.47	21.52	22.70
5	64QAM	25	0	21.40	21.35	21.48	22.70
5	256QAM	1	0	19.71	19.77	19.63	20.70
5	256QAM	1	12	19.71	19.79	19.72	20.70
5	256QAM	1	24	19.70	19.81	19.72	20.70
5	256QAM	12	0	19.59	19.69	19.63	20.70
5	256QAM	12	7	19.54	19.64	19.48	20.70
5	256QAM	12	13	19.53	19.54	19.44	20.70
5	256QAM	25	0	19.64	19.76	19.62	20.70

【LTE Band 13_Ant 1_DSI4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		21.59		22.70
10	QPSK	1	25		21.50		22.70
10	QPSK	1	49		21.48		22.70
10	QPSK	25	0		21.54		22.70
10	QPSK	25	12		21.38		22.70
10	QPSK	25	25		21.39		22.70
10	QPSK	50	0		21.33		22.70
10	16QAM	1	0		21.34		22.70
10	16QAM	1	25		21.35		22.70
10	16QAM	1	49		21.24		22.70
10	16QAM	25	0		21.36		22.70
10	16QAM	25	12		21.40		22.70
10	16QAM	25	25		21.39		22.70
10	16QAM	50	0		21.57		22.70
10	64QAM	1	0		21.34		22.70
10	64QAM	1	25		21.34		22.70
10	64QAM	1	49		21.47		22.70
10	64QAM	25	0		21.44		22.70
10	64QAM	25	12		21.38		22.70
10	64QAM	25	25		21.52		22.70
10	64QAM	50	0		21.40		22.70
10	256QAM	1	0		19.86		20.70
10	256QAM	1	25		19.77		20.70
10	256QAM	1	49		19.79		20.70
10	256QAM	25	0		19.75		20.70
10	256QAM	25	12		19.69		20.70
10	256QAM	25	25		19.61		20.70
10	256QAM	50	0		19.81		20.70
Channel				23205	23230	23255	Tune-up limit
Frequency (MHz)				779.5	782	784.5	(dBm)
5	QPSK	1	0	21.48	21.54	21.49	22.70
5	QPSK	1	12	21.40	21.44	21.30	22.70
5	QPSK	1	24	21.51	21.43	21.39	22.70
5	QPSK	12	0	21.37	21.49	21.39	22.70
5	QPSK	12	7	21.30	21.33	21.31	22.70
5	QPSK	12	13	21.37	21.34	21.22	22.70
5	QPSK	25	0	21.15	21.27	21.17	22.70
5	16QAM	1	0	21.32	21.28	21.44	22.70
5	16QAM	1	12	21.21	21.30	21.32	22.70
5	16QAM	1	24	21.22	21.19	21.26	22.70
5	16QAM	12	0	21.36	21.31	21.32	22.70
5	16QAM	12	7	21.46	21.34	21.41	22.70
5	16QAM	12	13	21.48	21.35	21.36	22.70
5	16QAM	25	0	21.35	21.52	21.38	22.70
5	64QAM	1	0	21.29	21.30	21.42	22.70
5	64QAM	1	12	21.28	21.29	21.49	22.70
5	64QAM	1	24	21.34	21.42	21.40	22.70
5	64QAM	12	0	21.44	21.40	21.28	22.70
5	64QAM	12	7	21.33	21.32	21.23	22.70
5	64QAM	12	13	21.27	21.47	21.52	22.70
5	64QAM	25	0	21.40	21.35	21.48	22.70
5	256QAM	1	0	19.71	19.77	19.63	20.70
5	256QAM	1	12	19.71	19.79	19.72	20.70
5	256QAM	1	24	19.70	19.81	19.72	20.70
5	256QAM	12	0	19.59	19.69	19.63	20.70
5	256QAM	12	7	19.54	19.64	19.48	20.70
5	256QAM	12	13	19.53	19.54	19.44	20.70
5	256QAM	25	0	19.64	19.76	19.62	20.70

【LTE Band 13_Ant 1_DSI5】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		21.06		22.20
10	QPSK	1	25		21.04		22.20
10	QPSK	1	49		20.93		22.20
10	QPSK	25	0		21.04		22.20
10	QPSK	25	12		20.89		22.20
10	QPSK	25	25		20.84		22.20
10	QPSK	50	0		20.78		22.20
10	16QAM	1	0		20.88		22.20
10	16QAM	1	25		20.74		22.20
10	16QAM	1	49		20.68		22.20
10	16QAM	25	0		20.85		22.20
10	16QAM	25	12		20.81		22.20
10	16QAM	25	25		20.86		22.20
10	16QAM	50	0		20.91		22.20
10	64QAM	1	0		20.80		22.20
10	64QAM	1	25		20.87		22.20
10	64QAM	1	49		21.02		22.20
10	64QAM	25	0		20.97		22.20
10	64QAM	25	12		20.89		22.20
10	64QAM	25	25		20.94		22.20
10	64QAM	50	0		20.97		22.20
10	256QAM	1	0		19.86		20.70
10	256QAM	1	25		19.77		20.70
10	256QAM	1	49		19.79		20.70
10	256QAM	25	0		19.75		20.70
10	256QAM	25	12		19.69		20.70
10	256QAM	25	25		19.61		20.70
10	256QAM	50	0		19.81		20.70
Channel				23205	23230	23255	Tune-up limit
Frequency (MHz)				779.5	782	784.5	(dBm)
5	QPSK	1	0	21.00	21.03	20.98	22.20
5	QPSK	1	12	20.85	21.02	20.92	22.20
5	QPSK	1	24	20.66	20.77	20.65	22.20
5	QPSK	12	0	20.72	20.89	20.75	22.20
5	QPSK	12	7	20.66	20.82	20.74	22.20
5	QPSK	12	13	20.63	20.68	20.59	22.20
5	QPSK	25	0	20.58	20.73	20.57	22.20
5	16QAM	1	0	20.64	20.69	20.58	22.20
5	16QAM	1	12	20.61	20.65	20.56	22.20
5	16QAM	1	24	20.37	20.51	20.40	22.20
5	16QAM	12	0	20.66	20.81	20.65	22.20
5	16QAM	12	7	20.60	20.70	20.55	22.20
5	16QAM	12	13	20.67	20.78	20.62	22.20
5	16QAM	25	0	20.73	20.85	20.69	22.20
5	64QAM	1	0	20.67	20.76	20.63	22.20
5	64QAM	1	12	20.59	20.69	20.51	22.20
5	64QAM	1	24	20.87	20.91	20.80	22.20
5	64QAM	12	0	20.84	20.91	20.83	22.20
5	64QAM	12	7	20.65	20.80	20.69	22.20
5	64QAM	12	13	20.71	20.88	20.78	22.20
5	64QAM	25	0	20.68	20.83	20.74	22.20
5	256QAM	1	0	19.62	19.75	19.63	20.70
5	256QAM	1	12	19.69	19.73	19.59	20.70
5	256QAM	1	24	19.69	19.75	19.64	20.70
5	256QAM	12	0	19.65	19.69	19.51	20.70
5	256QAM	12	7	19.51	19.59	19.50	20.70
5	256QAM	12	13	19.36	19.48	19.32	20.70
5	256QAM	25	0	19.29	19.44	19.35	20.70

【LTE Band 17_Ant 0_Default】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23780	23790	23800	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	25.07	25.17	24.97	25.70
10	QPSK	1	25	24.94	25.12	24.88	25.70
10	QPSK	1	49	24.91	25.03	24.81	25.70
10	QPSK	25	0	23.70	23.86	23.52	24.70
10	QPSK	25	12	23.54	23.77	23.56	24.70
10	QPSK	25	25	23.52	23.74	23.53	24.70
10	QPSK	50	0	23.78	23.94	23.63	24.70
10	16QAM	1	0	23.86	24.11	23.89	24.70
10	16QAM	1	25	23.81	24.05	23.82	24.70
10	16QAM	1	49	23.83	23.99	23.69	24.70
10	16QAM	25	0	22.73	22.88	22.62	23.70
10	16QAM	25	12	22.49	22.73	22.49	23.70
10	16QAM	25	25	22.58	22.77	22.48	23.70
10	16QAM	50	0	22.79	22.89	22.58	23.70
10	64QAM	1	0	22.93	23.15	22.83	23.70
10	64QAM	1	25	22.85	23.06	22.78	23.70
10	64QAM	1	49	22.83	23.04	22.76	23.70
10	64QAM	25	0	21.72	21.89	21.70	22.70
10	64QAM	25	12	21.61	21.82	21.63	22.70
10	64QAM	25	25	21.70	21.83	21.53	22.70
10	64QAM	50	0	21.86	21.96	21.69	22.70
10	256QAM	1	0	19.70	19.89	19.60	20.70
10	256QAM	1	25	19.64	19.74	19.51	20.70
10	256QAM	1	49	19.57	19.78	19.59	20.70
10	256QAM	25	0	19.63	19.82	19.59	20.70
10	256QAM	25	12	19.57	19.78	19.59	20.70
10	256QAM	25	25	19.56	19.74	19.50	20.70
10	256QAM	50	0	19.77	19.93	19.62	20.70
Channel				23755	23790	23825	Tune-up limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	24.98	25.04	24.91	25.70
5	QPSK	1	12	24.85	25.03	24.73	25.70
5	QPSK	1	24	24.76	24.96	24.74	25.70
5	QPSK	12	0	23.58	23.79	23.49	24.70
5	QPSK	12	7	23.40	23.66	23.42	24.70
5	QPSK	12	13	23.50	23.69	23.38	24.70
5	QPSK	25	0	23.68	23.85	23.55	24.70
5	16QAM	1	0	23.78	24.04	23.76	24.70
5	16QAM	1	12	23.70	24.01	23.78	24.70
5	16QAM	1	24	23.80	23.97	23.66	24.70
5	16QAM	12	0	22.64	22.77	22.56	23.70
5	16QAM	12	7	22.39	22.69	22.41	23.70
5	16QAM	12	13	22.49	22.70	22.41	23.70
5	16QAM	25	0	22.69	22.76	22.47	23.70
5	64QAM	1	0	22.83	23.06	22.74	23.70
5	64QAM	1	12	22.73	22.98	22.66	23.70
5	64QAM	1	24	22.74	23.01	22.67	23.70
5	64QAM	12	0	21.59	21.83	21.61	22.70
5	64QAM	12	7	21.56	21.68	21.49	22.70
5	64QAM	12	13	21.61	21.71	21.46	22.70
5	64QAM	25	0	21.77	21.88	21.55	22.70
5	256QAM	1	0	19.69	19.74	19.52	20.70
5	256QAM	1	12	19.53	19.72	19.40	20.70
5	256QAM	1	24	19.44	19.66	19.48	20.70
5	256QAM	12	0	19.56	19.73	19.53	20.70
5	256QAM	12	7	19.55	19.74	19.57	20.70
5	256QAM	12	13	19.55	19.60	19.46	20.70
5	256QAM	25	0	19.70	19.83	19.59	20.70

【LTE Band 17_Ant 0_DS11】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23780	23790	23800	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	25.07	25.17	24.97	25.70
10	QPSK	1	25	24.94	25.12	24.88	25.70
10	QPSK	1	49	24.91	25.03	24.81	25.70
10	QPSK	25	0	23.70	23.86	23.52	24.70
10	QPSK	25	12	23.54	23.77	23.56	24.70
10	QPSK	25	25	23.52	23.74	23.53	24.70
10	QPSK	50	0	23.78	23.94	23.63	24.70
10	16QAM	1	0	23.86	24.11	23.89	24.70
10	16QAM	1	25	23.81	24.05	23.82	24.70
10	16QAM	1	49	23.83	23.99	23.69	24.70
10	16QAM	25	0	22.73	22.88	22.62	23.70
10	16QAM	25	12	22.49	22.73	22.49	23.70
10	16QAM	25	25	22.58	22.77	22.48	23.70
10	16QAM	50	0	22.79	22.89	22.58	23.70
10	64QAM	1	0	22.93	23.15	22.83	23.70
10	64QAM	1	25	22.85	23.06	22.78	23.70
10	64QAM	1	49	22.83	23.04	22.76	23.70
10	64QAM	25	0	21.72	21.89	21.70	22.70
10	64QAM	25	12	21.61	21.82	21.63	22.70
10	64QAM	25	25	21.70	21.83	21.53	22.70
10	64QAM	50	0	21.86	21.96	21.69	22.70
10	256QAM	1	0	19.70	19.89	19.60	20.70
10	256QAM	1	25	19.64	19.74	19.51	20.70
10	256QAM	1	49	19.57	19.78	19.59	20.70
10	256QAM	25	0	19.63	19.82	19.59	20.70
10	256QAM	25	12	19.57	19.78	19.59	20.70
10	256QAM	25	25	19.56	19.74	19.50	20.70
10	256QAM	50	0	19.77	19.93	19.62	20.70
Channel				23755	23790	23825	
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	24.98	25.04	24.91	25.70
5	QPSK	1	12	24.85	25.03	24.73	25.70
5	QPSK	1	24	24.76	24.96	24.74	25.70
5	QPSK	12	0	23.58	23.79	23.49	24.70
5	QPSK	12	7	23.40	23.66	23.42	24.70
5	QPSK	12	13	23.50	23.69	23.38	24.70
5	QPSK	25	0	23.68	23.85	23.55	24.70
5	16QAM	1	0	23.78	24.04	23.76	24.70
5	16QAM	1	12	23.70	24.01	23.78	24.70
5	16QAM	1	24	23.80	23.97	23.66	24.70
5	16QAM	12	0	22.64	22.77	22.56	23.70
5	16QAM	12	7	22.39	22.69	22.41	23.70
5	16QAM	12	13	22.49	22.70	22.41	23.70
5	16QAM	25	0	22.69	22.76	22.47	23.70
5	64QAM	1	0	22.83	23.06	22.74	23.70
5	64QAM	1	12	22.73	22.98	22.66	23.70
5	64QAM	1	24	22.74	23.01	22.67	23.70
5	64QAM	12	0	21.59	21.83	21.61	22.70
5	64QAM	12	7	21.56	21.68	21.49	22.70
5	64QAM	12	13	21.61	21.71	21.46	22.70
5	64QAM	25	0	21.77	21.88	21.55	22.70
5	256QAM	1	0	19.69	19.74	19.52	20.70
5	256QAM	1	12	19.53	19.72	19.40	20.70
5	256QAM	1	24	19.44	19.66	19.48	20.70
5	256QAM	12	0	19.56	19.73	19.53	20.70
5	256QAM	12	7	19.55	19.74	19.57	20.70
5	256QAM	12	13	19.55	19.60	19.46	20.70
5	256QAM	25	0	19.70	19.83	19.59	20.70

【LTE Band 17_Ant 0_DS13】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23780	23790	23800	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	24.65	24.73	24.71	25.20
10	QPSK	1	25	24.46	24.65	24.55	25.20
10	QPSK	1	49	24.49	24.68	24.54	25.20
10	QPSK	25	0	23.70	23.86	23.52	24.70
10	QPSK	25	12	23.54	23.77	23.56	24.70
10	QPSK	25	25	23.52	23.74	23.53	24.70
10	QPSK	50	0	23.78	23.94	23.63	24.70
10	16QAM	1	0	23.86	24.11	23.89	24.70
10	16QAM	1	25	23.81	24.05	23.82	24.70
10	16QAM	1	49	23.83	23.99	23.69	24.70
10	16QAM	25	0	22.73	22.88	22.62	23.70
10	16QAM	25	12	22.49	22.73	22.49	23.70
10	16QAM	25	25	22.58	22.77	22.48	23.70
10	16QAM	50	0	22.79	22.89	22.58	23.70
10	64QAM	1	0	22.93	23.15	22.83	23.70
10	64QAM	1	25	22.85	23.06	22.78	23.70
10	64QAM	1	49	22.83	23.04	22.76	23.70
10	64QAM	25	0	21.72	21.89	21.70	22.70
10	64QAM	25	12	21.61	21.82	21.63	22.70
10	64QAM	25	25	21.70	21.83	21.53	22.70
10	64QAM	50	0	21.86	21.96	21.69	22.70
10	256QAM	1	0	19.70	19.89	19.60	20.70
10	256QAM	1	25	19.64	19.74	19.51	20.70
10	256QAM	1	49	19.57	19.78	19.59	20.70
10	256QAM	25	0	19.63	19.82	19.59	20.70
10	256QAM	25	12	19.57	19.78	19.59	20.70
10	256QAM	25	25	19.56	19.74	19.50	20.70
10	256QAM	50	0	19.77	19.93	19.62	20.70
Channel				23755	23790	23825	
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	24.62	24.71	24.69	25.20
5	QPSK	1	12	24.45	24.63	24.41	25.20
5	QPSK	1	24	24.43	24.56	24.42	25.20
5	QPSK	12	0	23.66	23.84	23.40	24.70
5	QPSK	12	7	23.40	23.72	23.54	24.70
5	QPSK	12	13	23.47	23.62	23.39	24.70
5	QPSK	25	0	23.73	23.90	23.55	24.70
5	16QAM	1	0	23.75	24.10	23.85	24.70
5	16QAM	1	12	23.69	23.96	23.80	24.70
5	16QAM	1	24	23.75	23.92	23.63	24.70
5	16QAM	12	0	22.66	22.81	22.56	23.70
5	16QAM	12	7	22.46	22.58	22.35	23.70
5	16QAM	12	13	22.50	22.67	22.40	23.70
5	16QAM	25	0	22.68	22.84	22.46	23.70
5	64QAM	1	0	22.82	23.05	22.72	23.70
5	64QAM	1	12	22.79	23.02	22.77	23.70
5	64QAM	1	24	22.80	22.98	22.63	23.70
5	64QAM	12	0	21.66	21.75	21.67	22.70
5	64QAM	12	7	21.49	21.73	21.62	22.70
5	64QAM	12	13	21.59	21.70	21.39	22.70
5	64QAM	25	0	21.73	21.86	21.55	22.70
5	256QAM	1	0	19.62	19.88	19.46	20.70
5	256QAM	1	12	19.61	19.72	19.44	20.70
5	256QAM	1	24	19.50	19.63	19.46	20.70
5	256QAM	12	0	19.57	19.80	19.51	20.70
5	256QAM	12	7	19.47	19.75	19.56	20.70
5	256QAM	12	13	19.42	19.72	19.38	20.70
5	256QAM	25	0	19.70	19.86	19.48	20.70

【LTE Band 17_Ant 0_DSI4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23780	23790	23800	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	25.07	25.17	24.97	25.70
10	QPSK	1	25	24.94	25.12	24.88	25.70
10	QPSK	1	49	24.91	25.03	24.81	25.70
10	QPSK	25	0	23.70	23.86	23.52	24.70
10	QPSK	25	12	23.54	23.77	23.56	24.70
10	QPSK	25	25	23.52	23.74	23.53	24.70
10	QPSK	50	0	23.78	23.94	23.63	24.70
10	16QAM	1	0	23.86	24.11	23.89	24.70
10	16QAM	1	25	23.81	24.05	23.82	24.70
10	16QAM	1	49	23.83	23.99	23.69	24.70
10	16QAM	25	0	22.73	22.88	22.62	23.70
10	16QAM	25	12	22.49	22.73	22.49	23.70
10	16QAM	25	25	22.58	22.77	22.48	23.70
10	16QAM	50	0	22.79	22.89	22.58	23.70
10	64QAM	1	0	22.93	23.15	22.83	23.70
10	64QAM	1	25	22.85	23.06	22.78	23.70
10	64QAM	1	49	22.83	23.04	22.76	23.70
10	64QAM	25	0	21.72	21.89	21.70	22.70
10	64QAM	25	12	21.61	21.82	21.63	22.70
10	64QAM	25	25	21.70	21.83	21.53	22.70
10	64QAM	50	0	21.86	21.96	21.69	22.70
10	256QAM	1	0	19.70	19.89	19.60	20.70
10	256QAM	1	25	19.64	19.74	19.51	20.70
10	256QAM	1	49	19.57	19.78	19.59	20.70
10	256QAM	25	0	19.63	19.82	19.59	20.70
10	256QAM	25	12	19.57	19.78	19.59	20.70
10	256QAM	25	25	19.56	19.74	19.50	20.70
10	256QAM	50	0	19.77	19.93	19.62	20.70
Channel				23755	23790	23825	Tune-up limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	24.98	25.04	24.91	25.70
5	QPSK	1	12	24.85	25.03	24.73	25.70
5	QPSK	1	24	24.76	24.96	24.74	25.70
5	QPSK	12	0	23.58	23.79	23.49	24.70
5	QPSK	12	7	23.40	23.66	23.42	24.70
5	QPSK	12	13	23.50	23.69	23.38	24.70
5	QPSK	25	0	23.68	23.85	23.55	24.70
5	16QAM	1	0	23.78	24.04	23.76	24.70
5	16QAM	1	12	23.70	24.01	23.78	24.70
5	16QAM	1	24	23.80	23.97	23.66	24.70
5	16QAM	12	0	22.64	22.77	22.56	23.70
5	16QAM	12	7	22.39	22.69	22.41	23.70
5	16QAM	12	13	22.49	22.70	22.41	23.70
5	16QAM	25	0	22.69	22.76	22.47	23.70
5	64QAM	1	0	22.83	23.06	22.74	23.70
5	64QAM	1	12	22.73	22.98	22.66	23.70
5	64QAM	1	24	22.74	23.01	22.67	23.70
5	64QAM	12	0	21.59	21.83	21.61	22.70
5	64QAM	12	7	21.56	21.68	21.49	22.70
5	64QAM	12	13	21.61	21.71	21.46	22.70
5	64QAM	25	0	21.77	21.88	21.55	22.70
5	256QAM	1	0	19.69	19.74	19.52	20.70
5	256QAM	1	12	19.53	19.72	19.40	20.70
5	256QAM	1	24	19.44	19.66	19.48	20.70
5	256QAM	12	0	19.56	19.73	19.53	20.70
5	256QAM	12	7	19.55	19.74	19.57	20.70
5	256QAM	12	13	19.55	19.60	19.46	20.70
5	256QAM	25	0	19.70	19.83	19.59	20.70

【LTE Band 17_Ant 0_DSIS】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23780	23790	23800	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	24.65	24.73	24.71	25.20
10	QPSK	1	25	24.46	24.65	24.55	25.20
10	QPSK	1	49	24.49	24.68	24.54	25.20
10	QPSK	25	0	23.70	23.86	23.52	24.70
10	QPSK	25	12	23.54	23.77	23.56	24.70
10	QPSK	25	25	23.52	23.74	23.53	24.70
10	QPSK	50	0	23.78	23.94	23.63	24.70
10	16QAM	1	0	23.86	24.11	23.89	24.70
10	16QAM	1	25	23.81	24.05	23.82	24.70
10	16QAM	1	49	23.83	23.99	23.69	24.70
10	16QAM	25	0	22.73	22.88	22.62	23.70
10	16QAM	25	12	22.49	22.73	22.49	23.70
10	16QAM	25	25	22.58	22.77	22.48	23.70
10	16QAM	50	0	22.79	22.89	22.58	23.70
10	64QAM	1	0	22.93	23.15	22.83	23.70
10	64QAM	1	25	22.85	23.06	22.78	23.70
10	64QAM	1	49	22.83	23.04	22.76	23.70
10	64QAM	25	0	21.72	21.89	21.70	22.70
10	64QAM	25	12	21.61	21.82	21.63	22.70
10	64QAM	25	25	21.70	21.83	21.53	22.70
10	64QAM	50	0	21.86	21.96	21.69	22.70
10	256QAM	1	0	19.70	19.89	19.60	20.70
10	256QAM	1	25	19.64	19.74	19.51	20.70
10	256QAM	1	49	19.57	19.78	19.59	20.70
10	256QAM	25	0	19.63	19.82	19.59	20.70
10	256QAM	25	12	19.57	19.78	19.59	20.70
10	256QAM	25	25	19.56	19.74	19.50	20.70
10	256QAM	50	0	19.77	19.93	19.62	20.70
Channel				23755	23790	23825	Tune-up limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	24.62	24.71	24.69	25.20
5	QPSK	1	12	24.45	24.63	24.41	25.20
5	QPSK	1	24	24.43	24.56	24.42	25.20
5	QPSK	12	0	23.66	23.84	23.40	24.70
5	QPSK	12	7	23.40	23.72	23.54	24.70
5	QPSK	12	13	23.47	23.62	23.39	24.70
5	QPSK	25	0	23.73	23.90	23.55	24.70
5	16QAM	1	0	23.75	24.10	23.85	24.70
5	16QAM	1	12	23.69	23.96	23.80	24.70
5	16QAM	1	24	23.75	23.92	23.63	24.70
5	16QAM	12	0	22.66	22.81	22.56	23.70
5	16QAM	12	7	22.46	22.58	22.35	23.70
5	16QAM	12	13	22.50	22.67	22.40	23.70
5	16QAM	25	0	22.68	22.84	22.46	23.70
5	64QAM	1	0	22.82	23.05	22.72	23.70
5	64QAM	1	12	22.79	23.02	22.77	23.70
5	64QAM	1	24	22.80	22.98	22.63	23.70
5	64QAM	12	0	21.66	21.75	21.67	22.70
5	64QAM	12	7	21.49	21.73	21.62	22.70
5	64QAM	12	13	21.59	21.70	21.39	22.70
5	64QAM	25	0	21.73	21.86	21.55	22.70
5	256QAM	1	0	19.62	19.88	19.46	20.70
5	256QAM	1	12	19.61	19.72	19.44	20.70
5	256QAM	1	24	19.50	19.63	19.46	20.70
5	256QAM	12	0	19.57	19.80	19.51	20.70
5	256QAM	12	7	19.47	19.75	19.56	20.70
5	256QAM	12	13	19.42	19.72	19.38	20.70
5	256QAM	25	0	19.70	19.86	19.48	20.70

【LTE Band 17_Ant 1_Default】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23780	23790	23800	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	24.68	24.78	24.63	25.70
10	QPSK	1	25	24.53	24.70	24.41	25.70
10	QPSK	1	49	24.43	24.66	24.41	25.70
10	QPSK	25	0	23.47	23.71	23.45	24.70
10	QPSK	25	12	23.39	23.61	23.41	24.70
10	QPSK	25	25	23.36	23.58	23.37	24.70
10	QPSK	50	0	23.54	23.74	23.46	24.70
10	16QAM	1	0	23.63	23.81	23.64	24.70
10	16QAM	1	25	23.61	23.80	23.51	24.70
10	16QAM	1	49	23.65	23.76	23.52	24.70
10	16QAM	25	0	22.66	22.78	22.59	23.70
10	16QAM	25	12	22.58	22.74	22.58	23.70
10	16QAM	25	25	22.53	22.67	22.50	23.70
10	16QAM	50	0	22.52	22.75	22.52	23.70
10	64QAM	1	0	23.04	23.28	23.01	23.70
10	64QAM	1	25	22.99	23.17	22.90	23.70
10	64QAM	1	49	23.07	23.18	23.02	23.70
10	64QAM	25	0	21.60	21.71	21.53	22.70
10	64QAM	25	12	21.39	21.57	21.42	22.70
10	64QAM	25	25	21.40	21.62	21.45	22.70
10	64QAM	50	0	21.62	21.76	21.50	22.70
10	256QAM	1	0	19.44	19.65	19.49	20.70
10	256QAM	1	25	19.40	19.58	19.42	20.70
10	256QAM	1	49	19.30	19.51	19.26	20.70
10	256QAM	25	0	19.44	19.67	19.53	20.70
10	256QAM	25	12	19.41	19.55	19.29	20.70
10	256QAM	25	25	19.54	19.63	19.43	20.70
10	256QAM	50	0	19.68	19.79	19.64	20.70
Channel				23755	23790	23825	Tune-up limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	24.55	24.75	24.51	25.70
5	QPSK	1	12	24.49	24.65	24.33	25.70
5	QPSK	1	24	24.41	24.64	24.40	25.70
5	QPSK	12	0	23.36	23.58	23.35	24.70
5	QPSK	12	7	23.34	23.53	23.36	24.70
5	QPSK	12	13	23.26	23.52	23.35	24.70
5	QPSK	25	0	23.48	23.69	23.38	24.70
5	16QAM	1	0	23.61	23.73	23.50	24.70
5	16QAM	1	12	23.47	23.65	23.36	24.70
5	16QAM	1	24	23.53	23.74	23.44	24.70
5	16QAM	12	0	22.62	22.69	22.50	23.70
5	16QAM	12	7	22.48	22.65	22.56	23.70
5	16QAM	12	13	22.48	22.65	22.45	23.70
5	16QAM	25	0	22.48	22.72	22.45	23.70
5	64QAM	1	0	22.90	23.14	22.98	23.70
5	64QAM	1	12	22.90	23.07	22.80	23.70
5	64QAM	1	24	22.93	23.12	23.00	23.70
5	64QAM	12	0	21.50	21.64	21.39	22.70
5	64QAM	12	7	21.32	21.50	21.31	22.70
5	64QAM	12	13	21.30	21.57	21.31	22.70
5	64QAM	25	0	21.60	21.66	21.46	22.70
5	256QAM	1	0	19.30	19.53	19.41	20.70
5	256QAM	1	12	19.30	19.52	19.41	20.70
5	256QAM	1	24	19.19	19.49	19.25	20.70
5	256QAM	12	0	19.42	19.58	19.47	20.70
5	256QAM	12	7	19.39	19.49	19.26	20.70
5	256QAM	12	13	19.46	19.50	19.40	20.70
5	256QAM	25	0	19.57	19.64	19.57	20.70